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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Civil Engineering
Name of the Head of the Department	Bindu Sebastian

Technical Field of proposal

GIS, Civil Engineering & Construction Technologies

Title of proposal - Seminar / Symposium / Workshop Title

Seminar & symposium

Add rows as required

Abstract

Make the students aware about modern technologies in Civil Engineering. Acquire knowledge about current technological developments in relevant fields.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

Regional - Civil Engineering students from different colleges


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Add rows as required

Project Impact -Expected outcome - academic / social / commercial

- Enhance academic knowledge of students.
- To develop the competitive spirit in students.
- To aware of the current construction technologies.

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
October-22nd /6	Fore-noon	Quiz Competition - Civil Engineering	KMEA	Drawing hall
October-1st	Fore-noon	Invited talk on	KMEA	Conference hall

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Dr. Binoy Alias M	Professor	MACE	Speaker

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role* in collaborating/p participating	Financial commitment* in Rs.
nil					
Total Rs.					

*Mention role of Industry/organisation.

Add rows as required..

*Attach copy of letters received from participating industry showing intent / financial commitment etc.

Similar event organized by the Institute earlier, if any.


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Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
Nil					


Budget Estimates

Add rows as required.

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	5000			
Stationery, printing,	10,000			
Travel, Stay and DA	500			
Other(pls write each heading in each row)	500			
Total				
	16000	16000		

Add rows as required.
Max assistance 3 Lakhs**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Soni Syed	Rinsa C Jaleel
Exact designation	Assistant Professor	Assistant Professor
Department	Civil Engineering	Civil Engineering
Cell number	9539243730	9447726219
Email	ssd.ce@kmeacollege.ac.in	ric.ce@kmeacollege.ac.in
Signature		


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SEMINAR, SYMPOSIUM AND WORKSHOP

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Name of the Department	ELECTRONICS AND INSTRUMENTATION
Name of the Head of the Department	SHEEJA.D.S
Technical Field of proposal	

Title of proposal - Seminar / Symposium / Workshop Title

Talk and hands on P-spice

Abstract : ORCAD is a Proprietary software tool suite used primarily for electronic design automation. The software is used mainly by electronic design engineers to create electronic schematics & prints for manufacturing printed circuit boards

Objective and Level of activity (Regional / National / International) and target audience

Project Impact -Expected outcome - academic / social / commercial

To give an awareness about P-spice for S₃ students


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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
Aug-17,18 08/08/18	After Noon Session	Talk and hands on P-spice by Afshe Vanner	Incubation Centre	

Eminent personalities expected to participate

Name	Designation	Organization	Activity
A			

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p articpating	Financial commitment* in Rs.
Total Rs.					

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
FDP WORKSHOP ON OSCAD		20/02/16	-	-	-

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorshi ps	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				




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Travel, Stay and DA				
Other(pls write each heading in each row)				
Total				

Self help, self interest
Max assistance 3 Lakh

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	MANCY M	MANJUSHA T. S
Exact designation	Asst Professor	Asst Professor
Department	EIE	EIE
Cell number	8547352029	7293268612
Email	mmm.ei@kmeacollege.ac.in	mks.ei@kmeacollege.ac.in
Signature		

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11/9/16 1,1(22) 7

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Pro forma for submission of proposal under the scheme

FACULTY DEVELOPMENT PROGRAMME

A Faculty Development Programme (FDP) is designed to

- Enhance the teaching and other skills.
- Make them aware about modern teaching tools and methodologies.
- Acquire knowledge about current technological developments in relevant fields.
- Impart professional practices relevant to technical education.
- Achieve competitive teaching and learning environment and
- Channelize development with respect to academic qualifications and personal matters.

Name of the Department	DEPARTMENT OF MECHANICAL ENGINEERING
Name of the Head of the Department	Mr. K.T ABDUL JALEEL

Technical Field of proposal

Institutional safety

Title of proposal

Fire and safety concerns in educational institutions

Abstract

The program will introduce participants to the fundamentals and practice of Fire Safety. Leading professionals and academicians will conduct the program. The workshop will emphasize codes, design of fire scenarios in buildings, emergency and evacuation planning, firefighting training, chemical and laboratory safety, fire investigations and case studies of different fire incidents in India and abroad. The program will also help participants understand the challenges and best practices in Fire Engineering.

Objective

The programme introduces and discusses the safety requirements, issues, hazards and their control in the educational institutions. It also discusses life saving techniques like CPR and first aid. The course will also provide the participants first-hand training on fire fighting.

Project Impact -Expected outcome

- To equip our self to handle research projects, consultancies and project implementation in the safety sector.
- Promoting awareness and undertaking public advocacy around safety.


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Level of activity (Regional / National / International) and target audience

Level of activity: National

Target audience: This course is interdisciplinary in nature and is open to teachers from engineering colleges.

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
26/02/2016 27/02/2016	9:00 A.M To 4:00 P.M	Lecture + Demonstration + Firefighting Practices	Conference hall	Fire ground to demonstrate and practice fire fighting

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Dr. Mulari Tummarukudi	Head, disaster management	UNEP (United Nation Environment Program)	Keynote address
Mr. Naizu A.V	Deputy G.M, Safety dept.	BPCL	Speaker
Dr. Renjith V.R	Associate professor, Division of Safety and Fire Engineering	CUSAT	Speaker
Mr. Suresh Kumar	Safety Manager	FACT	Speaker
Mr. N.A Muhammed Kutty	Member	Kerala State Productivity Council	Speaker
Dr. Aneesh V.G	Medical Officer	Karunya Hospital, Vagamon	Speaker

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Roles in collaborating/ participating	Financial commitment in Rs.
Fire and Rescue Service Department, Kerala	Housing Board Junction , Trivandrum		hq.frs@kerala.gov.in	Mock drills and fire fighting training	10000/- (Anticipated amount)
Total Rs.					10000/-

Similar event organized by the Department earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/Govt Agencies, Rs.
-Nil-					

Budget Estimates

Head of expenditure (for 30 participants)	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance from funding agency.
Stationery	1500/-		-Nil-	-Nil-
Travel, Stay (Resourse Persons)	2500/-			
Printing(Brochure,Certificates etc)+ flex	1000/-			
Refreshment and Food	6000/-			
Honorarium/Memento	10000/-			
Equipment for firefighting practices	9000/-			
Total	30000/-	30000/-		

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Sabith Umer	Abdul Nazer K.H
Exact designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9947922791	9496826794
Email	sab.me@kmeacollege.ac.in	ank.me@kmeacollege.ac.in
Signature		

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Proforma for submission of proposal under the scheme
SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRICAL & ELECTRONICS ENGINEERING
Name of the Head of the Department	Mrs. Reena Sebastian

Technical Field of proposal

Electrical CAD, Counselling, Career training, Time management

Title of proposal - Seminar / Symposium / Workshop Title

1 ONE DAY WORKSHOP ON ELECTRICAL CAD

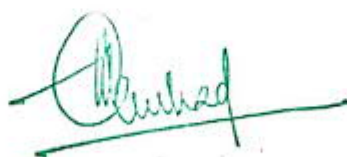
2 COUNSELLING AND MOTIVATION PROGRAM

3 CAREER TRAINING PROGRAM

4 TALK ON TIME MANAGEMENT

Abstract

WORKSHOP ON ELECTRICAL CAD - Auto CAD electrical is a powerful drafting software for control and schematic design. This software is rich with repositioning of symbol libraries which help designers to increase the productivity of electrical design task. AutoCAD training is the perfect way to gain the skills needed to create and edit a variety of drafting and modelling concepts for engineering, design and more.



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COUNSELLING AND MOTIVATION PROGRAM - The present generation students have a plethora of career options and they must channelize their efforts to make an excellent career choice that suits their talent and aptitude. This program brings students to proper channel for achieving a better career.

CAREER TRAINING PROGRAM - The present day competitive environment strongly demands that the academia and the industry knowledge work in partnership so as to enable the students derive maximum benefit. It has become increasingly cardinal for the students to bridge the gap between the academia and the industry requirements. Usually after completing the graduation/post graduation in EEE students are not aware of the venues open to them.

TALK ON TIME MANAGEMENT - Time management is the key to success. Time management is important for personal life and career success. This program teaches the students how to manage time effectively and make the most of it.

Objective and Level of activity (Regional / National / International) and target audience

WORKSHOP ON ELECTRICAL CAD - To develop skills in computer aided drafting of electrical machines & layout of various electrical installation

COUNSELLING AND MOTIVATION PROGRAM - To bring the students to proper channel for achieving a better career.

CAREER TRAINING PROGRAM - To assist students in their career planning and to provide information that helps the students to give a direction to their aspirations and interests.

TALK ON TIME MANAGEMENT - To teach the students how to manage time effectively and make the most of it.

Add rows as required

Project Impact -Expected outcome - academic / social / commercial

WORKSHOP ON ELECTRICAL CAD - Expected to get the basic concepts of electrical CAD and use of key commands of Autocad, enough to run and print technical drawings in 2D and 3D

COUNSELLING AND MOTIVATION PROGRAM - Expected to make the students properly alligned for studies and other academic activities.

CAREER TRAINING PROGRAM - Expected to provide students information needed to choose a career that is well matched to their personality, so that they can find enjoyment, fulfillment, and success in their work.

TALK ON TIME MANAGEMENT - Expected to obtain a group of students who can manage their time and efforts to achieve their objectives.


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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
WORKSHOP ON ELECTRICAL CAD (30-7-2016)	9AM - 4PM	DEMONSTRATION & HANDS ON TRAINING	CONFERENCE HALL/CAD LAB	PRINTER
COUNSELLING AND MOTIVATION PROGRAM (6-8-2016, 20-8-2016)	9AM - 4PM	DEMONSTRATION	CONFERENCE HALL	
CAREER TRAINING PROGRAM (3-9-2016)	9AM - 12PM	TALK	CONFERENCE HALL	
TALK ON TIME MANAGEMENT (17-9-2016)	9AM - 12PM	TALK	CONFERENCE HALL	

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Mr. Tiju Baby	Assistant Professor	AISAT	
Adv. P. A. Abdul Majeed Parakkadan	Secretary	KMEA	
Mr. Sunil K Nair	Assistant Exe. Engineer	KSEB	


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Mr.Ajith	Scientist	NPOL	
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Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ⁵ in collaborating/ participating	Financial commitment [#] in Rs.
Total Rs.					

⁵Mention role of Industry/organisation.
Add rows as required..

[#]Attach copy of letters received from participating industry showing intent / financial commitment etc.

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOV T Agencies Rs.

Add rows as required.

Budget Estimates (WORKSHOP ON ELECTRICAL CAD)

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	3000/-			
Stationery, printing,	1000/-			
Travel, Stay and DA				
Other(pls write each heading in each row)	1000/-			


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Total	5000/-			
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Budget Estimates (COUNSELLING AND MOTIVATION PROGRAM)

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing, Travel, Stay and DA	2000/-			
Other(pls write each heading in each row)	2000/-			
Total	4000/-			

Budget Estimates (CAREER TRAINING PROGRAM)

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	5000/-			
Stationery, printing, Travel, Stay and DA				
Other(pls write each heading in each row)	2000/-			
Total	7000/-			

Budget Estimates (TALK ON TIME MANAGEMENT)



Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	5000/-			
Stationery, printing, Travel, Stay and DA				
Other(pls write each heading in each row)	2000/-			

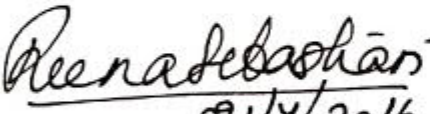

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heading in each row				
Total	7000/-			

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	FEMY P.H	ABIDA C.A
Exact designation	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR
Department	EEE	EEE
Cell number	9496804382	9995081177
Email	fph.ee@kmeacollege.ac.in	aca.ee@kmeacollege.ac.in
Signature		


HOD 21/7/2016


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REPORT

ON

TECHNOLOGY EMPOWERMENT PROGRAMME CELL ACTIVITIES
(TEP CELL)



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Prepared & Submitted

by

Manju Bhaskar, HOD ECE
Coordinator, TEP Cell

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Technology Empowerment Programme Cell was constituted in the college on January 12th 2016 as per the instructions and directions from the college Director, Dr T. M. Amarnishad and as per the guidance received from the principal Dr. T. K. Mani. Prof. Manju Bhaskar, HOD, Electronics and Communication Department is the Coordinator of the cell and Prof Ansiya Eshack, Associate Professor, Electronics and Communication Department is the co-coordinator of the cell. Two sub coordinators from each department is selected for conducting the events in respective departments.

The objective of the cell is to plan, organise and conduct various Seminars, Technical Talks, Faculty Development Programs, Workshops, Symposiums, Conferences and any other events for the technical empowerment of the students and staff members of the college as well as the community.

Proposals for various activities are invited in the prescribed formats before the commencement of the even semester. Various meetings of the coordinators were conducted to finalize the programmes. An activity calender was published for the even semester listing the various activities. The details of the programmes conducted in various departments till date is reported as follows.

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

Programme 1 -

Name of the Programme : Hands on workshop for Orcad Software

Date conducted: 20/02/2016

- Prof. Manju Bhaskar, HOD ECE inaugurated the function at 8.30 AM.

Forenoon session covers Circuit designing and PCB designing and afternoon session covers simulation and analysis. Classes were handled by Abitha Abbas & Sajini T, Assistant Professors, ECE Department

Target audience : Faculty in ECE

No of audience : 18

Programme 2

Name of the Programme: State Level IEEE - IETE Technical Meet

Date conducted: 29th and 30th March 2016

- **Mini Ullanat**, Systems Manager, CUSAT and Chair, IEEE Kochi subsection inaugurated the function. Function was presided by the Director.

Events

Workshop on Microcontrollers - 29th and 30th March by Arvin TEch Innovative, Cochin. A total of 30 students took part in the workshop.


Project Idea Presentation - 30th March, Venue Conference Hall, PSTA Block evaluated by Dr.T.K. Mani and **Mr. Shahim Backer**, Vice chair, IEEE Kochi subsection and Chair young professionals, IEEE Kerala section. Various colleges took part in the event. SNGCE, VISAT, Rajagiri Engg College, Viswajyothi was some among them. Around 15 groups took part in the competition.

Programme 3

Name of the Programme : Electronic Product Designing

Date conducted : Every day from 3.30 pm to 4.30 pm.

Prof. Manju Bhaskar, HOD ECE inaugurated the function.

It is a hands on workshop conducted every day in the evening in the department of Electronics and Communication. The workshop aims to develop or equip the students for designing and developing electronic products. Development of dual power supply using bread board,  (25)



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and PCBis aimed in the first step or section of this programme. This is a never ending programme conducting in the department. Classes and hands on sessions are handling by the department faculty Binish.M.C. , Bilga Jacob, Sajini.T, Abini.M.A., Smitha K.M , Abitha Abbas, Arunshaji B.K.,. Technical staffs Jithin K.J, Sithara.R, Raseena M.N., Sumayya Ansar, Saudha Marakkar, Rosely A are supporting the hands on sessions.

Target audience: Selected Students from S2,S4,S6 ECE Branches.

No of students participating : 2

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

Programme 4

Name of the Programme : Students Workshop on Hardware Familiarization ,
Assembling and PC Modding

Date conducted: 04/02/2016

- The session was inaugurated in the presence of Director Dr. T.M. Amar Nishad and Principal Dr. T.K. Mani at 9.30 am on 04/02/2016 in the Conference hall.

The session were handled by

- First session - Mr. Sanoob A. Rahman of S8 CSE familiarized the components of PC hardware.
- Second session - Mr. Mohammed Azhar C.S. of S6 CSE gave innovative ideas on PC Modding. A hands-on session of Hardware Assembling was handled for 11 groups of participants under the guidance of students of S8 CSE.




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Target audience : First year students.

No of audience : 52 students

Programme 5

Name of the Programme : Demonstration on Cyber Forensic Ethical Hacking

Date conducted: 18/02/2016

The session was inaugurated by **Sri Jay Jacob** in the presence of Principal Dr. T.K. Mani at 9.30 am on 18/02/2016 in the Conference hall. Both sessions were handled by Sri Jay Jacob .

- The first session deals with the open source concept. He discuss various open source operating systems and tools available, and he also give the benefit of using open source.
- In the second session he discussed various cyber threats and attacks. He also explained some live incidents that had happened around us. The session also had a demo on sniffing which also gave the students a practical insight about hacking.

Target audience : Sudents in computer science and Information department.

No of audience : 120 students from all semsters

CIVIL ENGINEERING DEPARTMENT

Programme 6

Name of the Programme : Faculty Development Program on Geotechnical Engineering.

Date conducted: 20/2/2016


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Dr. Babu T Jose, Former Director, School of Engineering, Cochin University of Science and Technology inaugurated the function. College Director Dr. T M. Amarnisad and Principal Dr. T. K. Mani was present in the function.

Dr. Babu T Jose, Former Director, School of Engineering, Cochin University of Science and Technology delivered a technical session on Sand Piling. **Dr. Anil Joseph**, Managing Director, Geo Structurals took classes on Latest trends in construction. **Dr. Deepa G Nair**, Professor, CUSAT took a technical session on Green Building and Sustainable constructions .

Target audience : Faculty from Civil Engineering. Faculty from various colleges across Kerala took part in this faculty development programme.

No of audience : 24

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

Programme 7

Name of the Programme : Two Day Workshop on Electrical System Design

Dates conducted: 16/2/2016, 18/2/2016

- Dr. Haseena H inaugurated the function on 16th February 2016 .

16/2/2016

Session 1 – Fundamentals of electrical design engineering and load estimation of plans.

Session 2 – Development of single line diagrams and control schematics.

18/2/2016

Session 3 – Introduction to electrical equipments, selection sizing, Introduction


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to hazardous area classification, hands on session on electrical CAD.

Session 4 – Demonstration of electrical substation at the college.

Sessions were handled by **Mr.Sajin Jose**, Manager-Trainings, Sigmos India Ernakulam and his assistants.

Target audience : S8 EEE Students

No of audience 25

Programme 8

Name of the Programme : One day workshop on electrical CAD

Date conducted: 19/3/2016

Session 1 – Class on auto CAD tools.

Session 2 – Hands on training on auto CAD drawing tools.

Session 3 – Class on electrical CAD tools and environment.

Session 4 – Hands on training on single line diagram of multi storeyed buildings.

Sessions were handled by **Ms.Namitha Menon**, CAD expert

Target audience – S6 EEE students

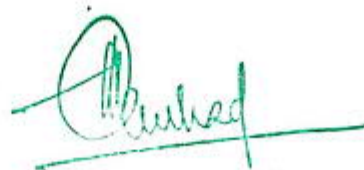
No of audience - 44

ELECTRONICS AND INSTRUMENTATION ENGINEERING DEPARTMENT

Programme 9

Name of the Programme : Talk on PIC Programming

Date conducted: 11.2.16



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Talk on PIC programming was conducted for S8 students to guide them in their main projects. Discussions were about PIC16 family and some of their "smart" applications. The sessions were handled by **Mr. Binish M C**, Assistant Professor, ECE Department.

Target audience : S8 Students

No of audience: 34

Programme 10

Name of the Programme : Talk on Career Specialization in Electronics and Instrumentation

Date conducted: 29.2.16

The following topics were handled during the seminar

- Current and Future Trends in Industrial Automation.
- Specialization and research opportunities for electrical domain students.
- Skill developments and employability enhancement for fresh engineers.

Classes were handled by **Mr. Noby Sebastian**, R&D Engineer, SMEC Automations.

Target audience : Students of EIE & EEE

No of audience : 85

Programme 11

Name of the Programme : Talk on Industrial Automation

Date conducted: 2.3.16


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Technical talk was concentrated in the areas of PLC, SCADA, DCS, HMI, Drives, Embedded, Panel Designing, Process Control, Electric Controls and Industrial Networking. Also discussed about various short term courses offered by IPCS Automations. Talk was given by **Mr. Rakesh**, R&D Engineer, IPCS Automations.

Target audience : S8 & S6 Students of EIE .

No of audience:75

Programme 12

Name of the Programme: Workshop on PCB Design

Date conducted: 3.3.16

Students of S6 EIE were given practical session on PCB DESIGN using OSCAD software. The workshop was intended to help them in doing their miniproject. Practical sessions were handled by **Afsal Umar**, Assistant Professor, Department OF EIE .

Target audience: S6 Students of EIE.

No of audience:35


Programme 13

✓ Name of the Programme: Workshop on Advanced Industrial Automation

Date conducted: 14.3.16 to 16.3.16

Three day workshop on advanced automation was conducted. Hands on sessions were given to students on PLC and SCADA programming using CoreSys software. MELSEC PLC was introduced. One example was demonstrated to



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students to give an idea about hardware and software. Sessions were handled by
by **Mr. Himanshukumar and Dev**, Indwell Automations, Pune
Target audience: S8 STUDENTS OF EIE, EEE, ME
No of audience : 95

Programme 14

Name of the Programme: PRASHNOTHARI 2K16 - Quiz competition for S2
students of all branches

Date conducted: 9-3-16

Programme was coordinated by EISA (Electronics and Instrumentation students
association). Topics included were Basic Science, Basic Electronics, Basic
Electrical engg and general knowledge. 18 teams from all branches of second
semester participated. Students of S2 CS won the first prize of Rs.1000 and
second prize of Rs.500 was bagged by S2 CE.

Target participants: S2 Students

No of participants : 36 (18 teams)

Programme 15

Name of the Programme: Workshop on Industrial Automation

Date conducted: 9.3.16

One day workshop on process instrumentation and industrial automation was
conducted. Workshop was handled by SIIT, Thalayolaparambu.

Target audience: S8 Students of EIE .

No of audience : 34




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MECHANICAL ENGINEERING DEPARTMENT

Programme 16

Name of the Programme: Computational fluid dynamics (CFD) Training program.

Dates conducted: 15/01/2016, 16/01/2016, 18/01/2016, 19/01/2016, 31/01/2016, 05/02/2016, 06/02/2016, 12/02/2016, 13/02/2016, 14/02/2016.

Inaugurated by Abdul Jaleel K.T, HOD, Department of Mechanical Engineering

Details of various sessions: Sessions handled by TTRC (Technology training and research center) Lecture + demonstration + practising on live projects

Target audience: Mechanical Students

No of audience: 24

Programme 17

Name of the Programme: Fire safety and Disaster management

Date conducted: 31/03/2016

- Inaugurated by **Sri. Sivakumar. G** (Director, Kerala State Productivity Council)

Details of various sessions :

Session 1 : **Sri. Sivakumar. G** (Director, Kerala State Productivity Council),

Technical Talk on "Towards a safer world".

Session 2 : **Sri Saleen. A** (Senior Manager, HSE, Cochin Shipyard), Technical Talk on "Occupational health and safety systems".



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Session 3 :**Dr. Muralee Thummarukudi** (Chief of Disaster Risk Reduction, United Nations Environment Program).

Invited Talk on "Role of Technical Society in disaster risk reduction".

Target audience : Students from all Branches

No of audience : 105

DEPATMENT OF INFORMATION TECHNOLOGY

Programme 18

Name of the Programme: Python Programming Familiarisation

Date conducted:1-2-2016

- Inauguration was done by the Principal in the conference hall on 1/2/2016.

The basic programming concepts of Python was conducted by the S8 IT students – Nishamol, Amala Davis, Anjitha KO and Ajmal Musthafa.

Target audience : Sudents of S6 IT and S8 IT.

No of audience 55

Programme 19

Name of the Programme: Hands On Training in CLOUD COMPUTING.

Date conducted: 11-2-2016

- Inauguration was done by **Mr.Jomon M Varghese**, Deputy Operations Manager IPSR Solutions Pvt Ltd in the presence of our Director and Principal, HODs and Faculties of CS and IT Department.



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Details of various sessions : An enlightening session on Total Virtualisation on Cloud Computing was presented by **Mr.Szen John Providence** of IPSR Solutions Pvt Ltd. A cloud environment was set up in the conference hall with servers, Laptops and Mobile phones and hands on training was provided.

Target audience: Students and staff of IT and CS Department.

No of audience: 100

This report was submitted based on the programmes carried out till date in the various departments of the college under the Technology Empowerment Programme Cell. Five more main events which are being conducted on

13 th April - Career Guidance Programme by EEE Dept

28th and 29th of April - Faculty Development programme on Security by CS Department

May 3rd and 4th - Faculty Development Programme on Introduction to Automation by EIE Department

May 5th ,6th and 7th - Faculty Development Programme on Internet of Things by Electronics and Communication Department.




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Proforma for submission of proposal under the scheme

FACULTY DEVELOPMENT PROGRAMME

A Faculty Development Programme (FDP) is designed to

- Enhance the teaching and other skills.
- Make them aware about modern teaching tools and methodologies.
- Acquire knowledge about current technological developments in relevant fields.
- Impart professional practices relevant to technical education.
- Achieve competitive teaching and learning environment and
- Channelize development with respect to academic qualifications and personal matters.

Name of the Department	MECHANICAL ENGINEERING
Name of the Head of the Department	DR. BIJESH PAUL

Technical Field of proposal
Fluid Dynamics

Title of proposal
FDP on Computational Fluid Dynamics

Abstract

Computational fluid dynamics (CFD) is a branch of fluid mechanics that uses numerical analysis and algorithms to solve and analyze problems that involve fluid flows. Computers are used to perform the calculations required to simulate the interaction of liquids and gases with surfaces defined by boundary conditions.

The FDP on Computational Fluid Dynamics is being organized keeping in mind the changing industry trends in product development with emphasis on modelling and simulation. Computational Fluid Dynamics (CFD) provides a qualitative (and sometimes even quantitative) prediction of fluid flows by means of Mathematical modeling (partial differential equations) Numerical methods (discretization and solution techniques) Software tools (solvers, pre- and post-processing utilities) CFD enables scientists and engineers to perform numerical experiments (i.e. computer simulations) in a virtual flow laboratory. Teaching faculty of all disciplines, students and Industry personnel can be benefitted through brainstorming sessions conducted by experts in the respective fields and practical training of CFD applications in respective domains.

Department of Mechanical Engineering




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This course enhance the expertise and understanding of the subject among various faculty and researchers working and intend to work in computational fluid dynamics. The course is designed for several young faculty, research scholar, and graduate student of the institute. It is also aimed for several practicing engineer and researchers of the industries located in the vicinity of our institute.

Add rows as required

Objective

- Equip the participants with fundamentals of Computational Fluid Dynamics
- Enable the participants to convert the design problems into CFD
- Introduce the applications of computational fluid dynamics and to solve the heat transfer and fluid flow problems using CFD Softwares.

This workshop will provide a basic introduction to CFD. The objective is to introduce basic skills for performing analysis and visualization using CFD. Using simple examples, the participant will acquire knowledge to perform routine analysis tasks. Class-room training is complimented with hands-on training on CFD tools.

Project Impact -Expected outcome

On successful completion of the training program, participant will be able to: Have a working knowledge of variety of computational techniques, that could be used for solving engineering problems and proficiency in engineering design • Develop an understanding of the major theories, approaches and methodologies (e.g. boundary conditions, turbulence modelling etc.) used in CFD

Level of activity (Regional / National / International) and target audience

Expecting delegates from over the nation in the following categories:

- ♦ Engineers or research scientists from Universities/Technical institutions / Industries
- ♦ Undergraduate / Post graduate students (Mechanical Engg, Aerospace Engg, Marine Engg).
- ♦ Research scholars / Faculty members

Programme details

Date	Activity	Venue	Infrastructural requirements and availability
26 th – 27 th May 2017	Faculty Development Programme	Conference Hall	Sound system, Background Banner at the venue

Department of Mechanical Engineering



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Eminent personalities expected to participate

Name	Designation	Organization	Activity
Resource Person 1			Resource Person & Chief Guest
Resource Person 2			
Resource Person 3			
Resource Person 4			

Budget Estimates

Head of expenditure	Anticipated	Expected Income
Remuneration to Guest (2 Days)	20000	
Travel, Stay and food (2 Days)	10000	
Stationery, printing, Pre-event expenditure etc.	5000	
Refreshment to Participants (2 Days, 30 Nos expected)	8000	
Registration Fee (30 Nos expected; 1500*30)		45000
Other	2000	
Total in Rupees	45000	45000

Details of Coordinators

Details of Coordinators

Name	Haris P A		
Exact designation	Asst. Professor	Department	ME
Contact Details	hpa.me@kmeacollege.ac.in		+91 9496462569
Signature			
Name	Muhammed Thanzeel M A		
Exact designation	Asst. Professor	Department	ME
Contact Details	mtm.me@kmeacollege.ac.in		+91 9895140856
Signature			

HOD

PRINCIPAL

DIRECTOR



KMEA ENGINEERING COLLEGE
Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	20-08-2016	Program Coordinators name and contact details:	Adv.P.A ABDUL MAJEED PARAKKADAN, SECRETARY KMEA
Name of Event: COUNSELLING AND MOTIVATION PROGRAM			
Organized by: TEP CELL, EEE DEPT			

1) Objective of the event

To identify the problems of students and to motivate them to build up a good career.

2) Write a brief overview of the following sessions in min 8 sentences each

- **Inaugural Session with date, time and details of guests**
Inaugural session of the program commenced at 9.30am on 20/8/2016. The HOD and all the faculties of EEE department were present. The HOD, EEE introduced the guest to the students.
- **Different Sessions with date, time and details of speakers/ chairs and the contents delivered or training conducted (write separate paragraphs for each session)**

Session- I:



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Inspirational talk about eminent personalities.

Session-II

Counselling.

Consolidated feedback received from the participants

- The talk helped the students to solve and face problems in the future.
- The talk inspired the students to concentrate in their academics.

Conclusion and Outcome

The talk motivated the students by the inspirational stories of eminent personalities.

Recommendations or Suggestions, if any, for future events

Individual counselling sessions may be included for selected students in future events.

Program Coordinators

Name: FEMY P.H, ABIDA C.A

Signature: F.P.H.

TEP Cell Dept. Coordinators

1. Name : FEMY P.H

Signature: F.P.H.

2. Name : ABIDA C.A
Signature: Abida

HOD

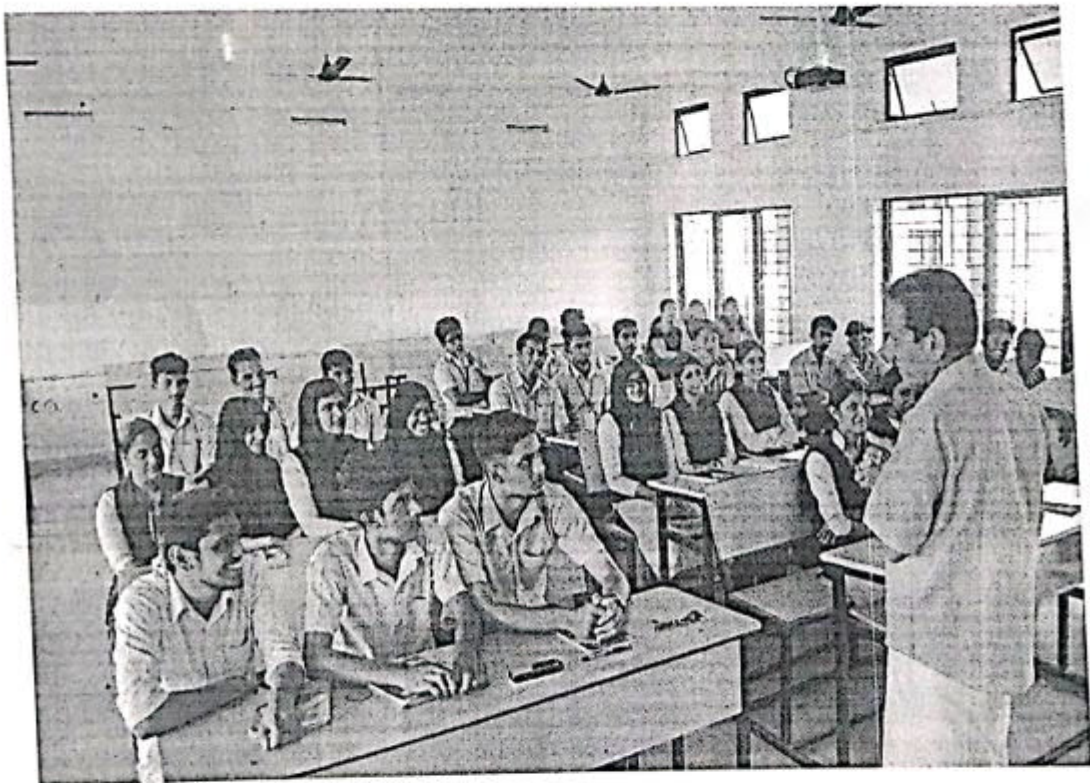
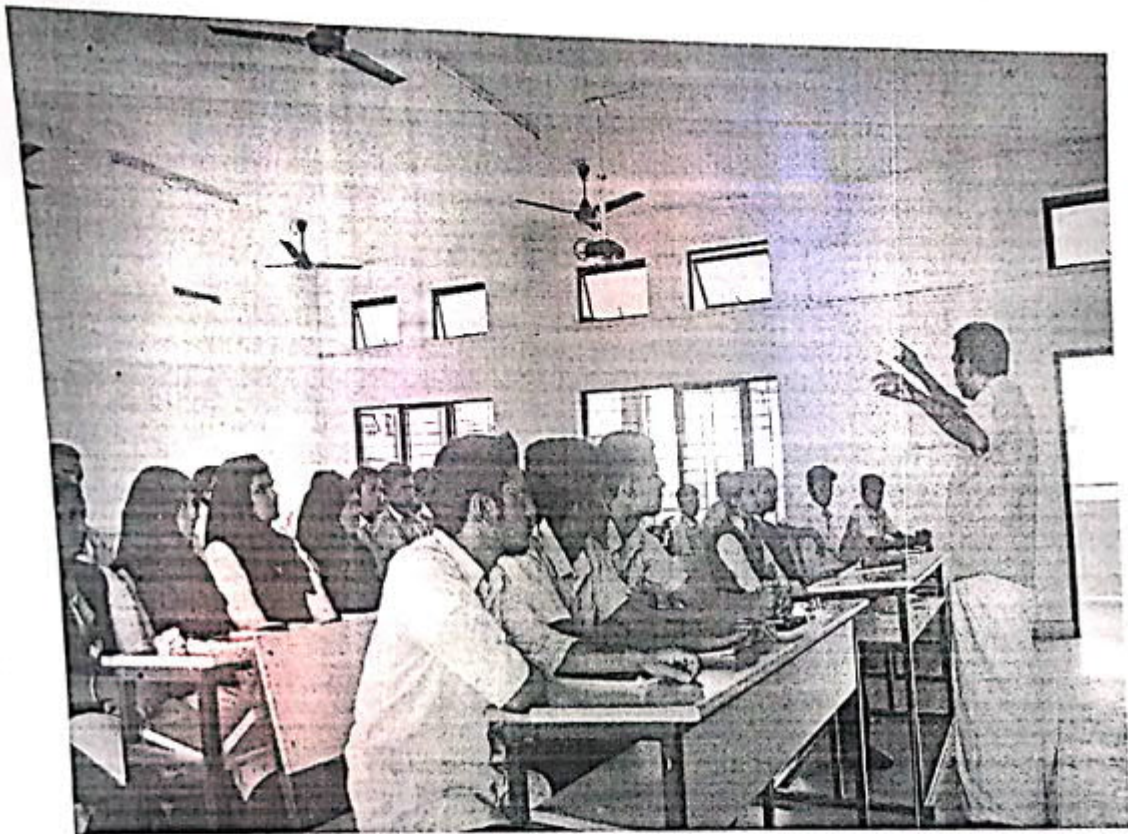
Name : Prof. REENA SEBASTIAN

Signature :

Reena Sebastian



Principal
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KMEA ENGINEERING COLLEGE, EDATHALA

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ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

COUNSELLING AND MOTIVATION PROGRAM_ATTENDANCE_S3 EEE

ROLL NO	NAME	SIGNATURE
3	ATHUL ANTONY V A	<i>Athul Antony</i>
4	AUGUSTINE BIJU	<i>Augustine Biju</i>
6	FATHIMA NOURA	<i>Fathima Noura</i>
9	JEES HENRY	<i>Jees Henry</i>
11	MUHAMMED ARIF ABDULLA	<i>Muhammed Arif Abdulla</i>
12	NEZLA N A	<i>Nezla N A</i>
13	SALIHA C Y	<i>Saliha C Y</i>
14	SHAHARASMO N M	<i>Shaharasmom</i>
15	SOURAVJITH V S	<i>Souravjith V S</i>
16	SREELAKSHMI R	<i>Sreelakshmi R</i>
17	USMAN K S	<i>Usman K S</i>
18	VARGHESE RINOY P T	<i>Varghese Rinoi P T</i>
19	VISHAK V	<i>Vishak V</i>



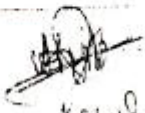
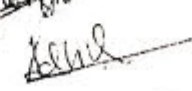

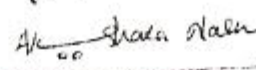
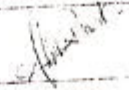

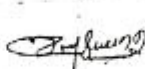
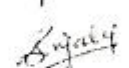

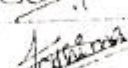

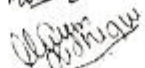
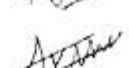


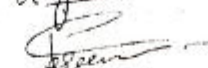


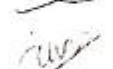
Principal

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KMEA ENGINEERING COLLEGE, EDATHALA

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

COUNSELLING AND MOTIVATION PROGRAM_ATTENDANCE_S1 EEE

ROLL NO	NAME	SIGNATURE
1	ABHIJITH B MENON	
2	ADHIL REHMAN	
4	AHAMMED HARSHAD K.H	
5	AKSHARA NATH	
6	ALPHIN ROBERT	
7	AMALDEV P ANIL	
8	AMEER V S	
9	ANJALY GEORGE K	
11	DEEPA K S	
12	FATHIMA FARSANA P N	
13	HARFAZ P N	
15	HUSSAIN SIDHIQUE	
16	IBRAHIM AKTHAR	
18	MOHAMMED ASLAM P A	
19	MOHAMMED RAYEES N A	
21	MUHAMMED JESEEM K M	
23	SHILPA K SATHEESH	
24	SHONE JOSEPH RODRIGUES	
25	SUVAID N	



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Sheet1

KMEA ENGINEERING COLLEGE
ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

TECHNOLOGY EMPOWERMENT PROGRAM CELL

COUNSELLING AND MOTIVATION PROGRAM-S3EEE,S1EEE			
DATE	SESSION	TIME	TOPIC
20/08/16	SESSION 1	9.30AM – 11.30AM	Inspirational talk about eminent personalities.
	SESSION 2	11.30AM – 12.30PM	Counselling.



A handwritten signature in green ink, appearing to be "Arunesh".

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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Prof. Joseph V A

Technical Field of proposal
Presentation/Report Drafting

Title of proposal - Seminar / Symposium / Workshop Title
A Brief Introduction to LaTeX

Abstract
LaTeX is a document preparation system which can be used by students for the preparation of their Seminar/Project Reports

Objective and Level of activity (Regional / National / International) and target audience

Make students familiar with the usage of LaTeX and enable them to prepare their Seminar/Project reports using LaTeX. (Regional). Target Audience- Students



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Project Impact - Expected outcome - academic / social / commercial
 Academic - Make the students familiar with LaTeX

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
2- Sep- 2016	9am-4pm	Demonstration regarding usage of LaTeX	Cad Lab	1 White Board

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Vivek Harris	Asst. Professor	KMEA Engineering College	A day long class to make the students familiar with LaTeX

Add rows as required

Profile of collaborating/participating industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment ^a in Rs.
Total Rs.					

Members of the industry/organisation/s

Add rows as required

(Attach copy of letters received from participating industry showing intent / financial commitment etc.)



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Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

Add rows as required.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total				

Add rows as required.
Max assistance 3 Lakhs.

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Vivek Harris	Permkrishnan P
Exact designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9496325249	8301859951
Email	vk.h.me@kmeacollege.ac.in	pmk.me@kmeacollege.ac.in
Signature		

HOD


11/8/16

PRINCIPAL



DIRECTOR





1/19/16

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Amount charge

KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	MECHANICAL ENGINEERING
Name of the Head of the Department	JOSEPH VA

Technical Field of proposal

AUTOMOBILE ENGINEERING

Title of proposal - Seminar / Symposium / Workshop Title
Workshop on Engine assembly and trouble shooting in automobile systems

Add rows as required

Abstract

The workshop mainly aims on enhancing and sharpening skills of participants on hand engine assembly and trouble shooting of various issues of automobile systems which arise in day today life . It also covers a display of various parts of an automobile in detail .

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

The objective of the workshop is to make the participants well versatile with engine operations and practical training on engine assembly and various related systems . The workshop also gives an idea about various problems that may arise while using automobiles and preliminary knowledge about various issues so that they can identify the problems that they are facing and take necessary solutions towards it.



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Add rows as required

Project Impact -Expected outcome - academic / social / commercial

Practical knowledge about various automobile system and methods of trouble shooting of different problems of automobile systems that may arise in day today life

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
23 15-09-16	9.00 am Full day	Practical demonstration		

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
PH Sadiq Ali	RTO, Ernakulam	Motor Vehicles Department , Govt of Kerala	

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ⁵ in collaborating/participating	Financial commitment* in Rs.
KSRTC, Kuttukaran Institute					
Total Rs.					

⁵Mention role of Industry/organisation.

Add rows as required..

*Attach copy of letters received from participating industry showing intent / financial commitment etc.

Similar event organized by the Institute earlier, if any.

Title of the	Subject	Date from- to	Level	Name of by external body	Grant/Fund received by
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activity		(Latest first)	{ Regional / National / International }	involved, if any	AICTE/GOVT Agencies Rs.

Add rows as required

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Honorarium (for RTO)	2000			
Workshop fees (Kuttukaran institute & KSRTC)	12000			
TA & Food	1000			
Total				15,000/-

Add rows as required.
Max assistance 3 Lakhs**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Muhammed yasar CA	Ferguson Aissac Fredric
Exact designation	Assistant professor	Assistant professor
Department	ME	ME
Cell number	9846590543	8089244148
Email	Myr.me@kmeacollege.ac.in	faf.me@kmeacollege.ac.in
Signature		

HOD



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DIRECTOR



11 (33)

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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRONICS AND COMMUNICATION
Name of the Head of the Department	Mrs. Manju Bhaskar

Technical Field of proposal

Innovative Project Presentation, Workshop on Internet of Things

Title of proposal - Seminar / Symposium / Workshop Title

Two Day Intercollegiate Meet for

Innovative Project Idea Presentation Competition and Hands-on training on Internet of Things

Add rows as required

Abstract

The central aim of this project ^{idea} presentation competition is to encourage and promote the spirit of innovation among the students. The students shall get a platform to showcase their talent and also interact with others having same research orientation. The ideas presented may have a real possibility of impacting the future world and succeed in becoming leading products and practices.



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The workshop on Internet of Things (IoT) aims to bring students of different colleges together, to meet and understand the recent research and future directions for the IoT. This shall enable the participants to build IoT related applications on their own.

And rows as required

Objective and Level of activity (Regional / National / International) and target audience

Level of activity - Regional

Target Audience - B.Tech students of our college and other Engg colleges of Kerala

And rows as required

Project Impact -Expected outcome - academic / social / commercial

Academic

And rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
Day 1 - March 11 th				
Inaugural Session	9.00 am - 9.30 am	Inauguration of the Meet	Conference Hall	Facility inside the Conference Hall
Parallel Session - 1. Project Idea Presentation				
Innovative Project Idea Presentation	9.45 am - 12.30 pm 1.30 pm - 3.30 pm	Presentation	Conference Hall	Facility inside the Conference Hall
Date	Time	Activity	Venue	Infrastructural requirements and availability

Best Innovative Project Award	3.45 pm - 4.15 pm	Prize giving Ceremony	Conference Hall	Facility inside the Conference Hall
Parallel Session – 2. IoT Workshop Introduction				
Introduction to IoT	9.45 am - 12.30 pm	Lecture	Systems Lab - Academic Block 1	Requirement: A lab with 30 – 35 desktops to accommodate the participants. Audio systems, projector & screen and laptop with internet connectivity Available: All the above mentioned requirements are available in the college.
Arduino programming	1.30 pm - 3.30 pm	Lecture		
Interaction Session	3.45 pm - 4.15 pm	Tutorial		
Day 2 <i>March 12th</i>				
Sensors and Actuators, Raspberry Pi	9.30 am - 12.30 pm	Lecture + Hands-on Training	Systems Lab - Academic Block 1	Requirement: A lab with 30 – 35 desktops to accommodate the participants. Audio systems, projector & screen and laptop with Internet connectivity Available: All the above mentioned requirements are available in the college.
Python programming and Arduino integration	1.15 am - 3.45pm	Hands-on Training		
Valedictory Session	3.45 pm - 4.15pm	Concluding session of the Meet	Conference Hall	Facility inside the Conference Hall

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Mr. Shahim Baker,	Secretary, IEEE Kochi Subsection	Grey technolabs	IoT Workshop



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Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person, designation, email	Role ^s in collaborating/ participating	Financial commitment* in Rs.
IEEE	IEEE Kochi Subsection, Albertian Institute of Science & Technology, Cochin University P. O., Kalamassery, Kochi 682022	www.ieee.org	Mrs. Mini Ulanat Secretary, IEEE Kochi Subsection	Technical Association	Request given to Authority
IETE	The Institution of Electronics & Telecommunication Engineers, Kochi Centre, XL/216K, 3 rd Floor, Jewel Arcade, Layam Road, Kochi 682011	www.iete.org	Dr. A. Unnikrishnan Chairman, IETE Kochi Centre	Technical Collaboration	Request given to Authority
Total Rs.					

*Mention type of industry/organisation

Add rows as required

*Attach copy of letters received from participating industry showing intent of financial commitment etc.

Similar event organized by the Institute earlier, if any.



Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
Regular events in all semesters. Intercollegiate for first time.					

Add rows as required

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from College
Remuneration to speakers	50000		45000	Registration
Stationery, printing, flex	6000			
Travel, Stay and DA	1500		10000	Registration
Refreshment, Lunch and Snacks	12000			
Other(pls write each heading in each row)			55000	14500
Total	69500			

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators		Coordinator 2
	Coordinator 1	
Name	Ansiya Eshack	Manju Bhaskar
Exact designation	Associate Professor	HOD
Department	ECE	ECE
Cell number	9961081234	9995444470
Email	aek.ec@kmeacollege.ac.in	mbr.ec@kmeacollege.ac.in
Signature		

HOD 


PRINCIPAL


DIRECTOR



KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRONICS AND INSTRUMENTATION
Name of the Head of the Department	SHEEJA.D.S

Technical Field of proposal

Industrial visit - One day training program for S7 EIE at SMEC automation, Kaloor.

Title of proposal - Seminar / Symposium / Workshop Title

One day training program for S7 EIE at SMEC automation, Kaloor.

Abstract

Students of S7 EIE will be taken to SMEC automation, Kaloor for one day training on Industrial automation.

Objective and Level of activity (Regional / National / International) and target audience

Target audience - S7 EIE

Project Impact -Expected outcome - academic / social / commercial

Students will get an overall idea about industrial automation.



1

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 KMEA ENGINEERING COLLEGE
 EDATHALA-683561

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
19/8/17		Industrial visit	SHEC automation - Kabor	College bus.

Eminent personalities expected to participate

Name	Designation	Organization	Activity
—	—	—	—

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p participating	Financial commitment* in Rs.
—	—	—	—	—	—
Total Rs.					

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to	Level	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
Industrial visit	Unigland Instrumentation	August 2016			





[Signature]
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 EDATHALA-683561

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)	—	—	—	—
Total				

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Mansy H. Muhammed	Dueja - P. V
Exact designation	ASSISTANT PROFESSOR	ASSISTANT PROFESSOR
Department	EIE	EIE
Cell number		
Email	mmm.ei@kmeacollege.ac.in	dpv.ei@kmeacollege.ac.in
Signature		


HOD

PRINCIPAL

DIRECTOR

KMEA ENGINEERING COLLEGE

Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	28/11/2018	Program Coordinators name and contact details:	Ms. Binish M C
<p>Name of Event: Talk on, "RECENT TRENDS IN EMBEDDED SYSTEM".</p> <p>Organized by: TEP Cell, Electronics and Communication Engineering Department</p> <p>Sponsored by: KMEA Engineering College.</p>			

Objective

This workshop is an attempt to introduce and familiarize the basics of embedded systems to the beginners, and to build confidence among faculty and students to take up project in this area.

Overview of the sessions

- The talk started with a presentation on microcontrollers. It gives an introduction about the use of microcontrollers, such as robots and information technologies for handling different communication & controlling systems.
- The session gives an introduction about Microcontrollers, IoT and Raspberry Pi.
- In the last session, various fields of applications were explained. The applications areas are
 - Image processing.
 - Machine Learning.
 - Intelligent Systems
 - Emerging technologies that include a gamut of Internet based applications. (IoT)
- All the sections were handled by Mr. Alex Abraham, NeST, Tech Park, Ernakulam



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Consolidated feedback received from the participants

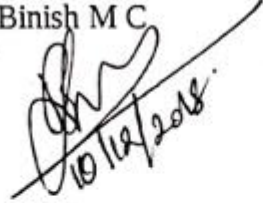
The students were really interested to know various job opportunities inside and outside India in Embedded system.

Conclusion and Outcome

The students got knowledge on new trends in embedded system and they recognized various new trends like IoT and Machine learning applications.

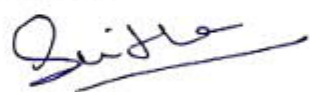
Program Coordinators**TEP Cell Dept. Coordinators**

1. Name: Mr. Binish M C

Signature: 

HOD EC

Name: Ms. Smitha K M

Signature: 




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EDATHALA-683561

KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRONICS AND COMMUNICATION
Name of the Head of the Department	MANJU BHASKAR

Technical Field of proposal

Internet of Things(IoT)

Title of proposal - Seminar / Symposium / Workshop Title

Two days workshop on internet of things

Abstract

The IoT is enabled by the latest developments in RFID, smart sensors, communication technologies, and Internet protocols. The basic premise is to have smart sensors collaborate directly without human involvement to deliver a new class of applications. The current revolution in Internet, mobile, and machine-to-machine (M2M) technologies can be seen as the first phase of the IoT. The workshop focusses on Raspberry pi and ARM processor.

Objective and Level of activity (Regional / National / International) and target audience

What "the Internet of Things" means and how it relates to Cloud computing concepts .S3,S5,S7 Students from ECE.

Project Impact -Expected outcome - academic / social / commercial

Participants are able to build an end to end solution including the software and hardware side of IoT. They can create the IoT device to solve the business problem




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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
Day 1				
Inaugural Session	9.00 am - 9.30 am	Inauguration of the workshop	Conference Hall	Facility inside the Conference Hall
Introduction to IoT	9.30 am - 12.30 am	Lecture	Systems Lab - Academic Block 1	Requirement: A lab with 30 - 35 desktops to accommodate the participants. Audio systems, projector & screen and laptop with internet connectivity Available: All the above mentioned requirements are available in the college.
Raspberry pi -introduction and programming, Hardware Interfacing	1.30 pm - 3.30 pm	Lecture		
Interaction Session	3.45 pm - 4.15 pm	Tutorial		
Day 2				
Sensors and Actuators, Raspberry Pi	9.30 am - 12.30 pm	Lecture	Systems Lab - Academic Block 1	Requirement: A lab with 30 - 35 desktops to accommodate the participants. Audio systems, projector & screen and laptop with internet connectivity Available: All the above mentioned requirements are available in the college.
ARM Architecture, Hardware Interfacing	1.15 am - 3.45pm	Hands-on Training		
Interaction Session	3.45 pm - 4.15pm	Tutorial		

Eminent personalities expected to participate NIL

Name	Designation	Organization	Activity

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any. NIL

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p articpating	Financial commitment [#] in Rs.



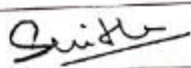

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Similar event organized by the Institute earlier, if any. NIL

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	25000			
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total				

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Smitha K.M.	Mohammed Ismail
Exact designation	Associate professor	Assistant professor
Department	ECE	ECE
Cell number	9497545701	9961412275
Email	skm.ec@kmeacollege.ac.in	mil.ec@kmeacollege.ac.in
Signature		

HOD

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DIRECTOR



KMEA ENGINEERING COLLEGE FACULTY DEVELOPMENT PROGRAMME

A Faculty Development Programme (FDP) is designed to

- enhance the teaching and other skills.
- make them aware about modern teaching tools and methodologies.
- acquire knowledge about current technological developments in relevant fields.
- impart professional practices relevant to technical education.
- achieve competitive teaching and learning environment and
- channelize development with respect to academic qualifications and personal matters.

Name of the Department	Computer Science and Engineering
Name of the Head of the Department	Dr. Rekha Lakshmanan

Technical Field of proposal : Graph Theory

Title of proposal : Graph Theory and Combinatorics

Abstract

A graph is a symbolic representation of a network and its connectivity. Graph theory is a branch of mathematics concerned about how networks can be encoded and how the properties can be measured. It has been enriched in the last decades by growing influences from studies of social and complex networks. Graph theoretical ideas are highly utilized by Computer Science applications and research areas such as data mining, image segmentation, clustering, image capturing, and networking. The major role of graph theory in computer applications is in the development of graph algorithms and solving problems modeled in the form of graphs. These algorithms are used to solve the graph theoretical concepts which intern used to solve the corresponding computer science application problems.


Objective

The main objective of this course is to introduce graphs as a powerful modeling tool that can be used to solve practical problems in various fields. To achieve this goal, the course introduces the main concepts of graph theory, graph representations and the basic classes of graphs. Several famous graph problems and associated algorithms are also covered.

Project Impact -Expected outcome

At the end of this course, the faculty should be able to apply the abstract concepts of graph theory in modeling and solving non-trivial problems in different fields of study.




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Level of activity (Regional / National / International) and target audience
State Level

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
25/7/2017	10am – 1pm	Lecture	Conference Room	25 seat with Projector, Laptop and White Board
25/7/2017	2pm – 4pm	Lecture	Conference Room	25 seat with Projector, Laptop and White Board
26/7/2017	9am – 1pm	Lecture	Conference Room	25 seat with Projector, Laptop and White Board
26/7/2017	2am – 1pm	Lecture	Conference Room	25 seat with Projector, Laptop and White Board

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Anu V	Assistant Professor	St. Peter's College Kolencherry	Lecturer
Naseema V A, Sunitha K A	Assistant Professors	KMEA Engineering College	Lecturer

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment* in Rs.
CSI					
Total Rs.					

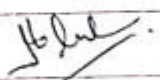
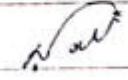
Similar event organized by the Department earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/Govt Agencies, Rs.
Nil					

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance from funding agency.
Stationery	800			
Travel, Stay (Resource Persons)				
Printing(Brochure,Certificates etc)	300			
Refreshment and Food	6500			
Honorarium/Memento	5000	3000		
Other(specify each heading)				
Total		12600		

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Sheena Kurian K	Maria Joy
Exact designation	Associate Professor	Assistant Professor
Department	CSE	CSE
Cell number	9746798804	9497278540
Email	Skn.cs@kmeacollege.ac.in	mjj.cs@kmeacollege.ac.in
Signature		

TEP Cell Coordinators

Selin M



Maria Joy



HOD



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12/1

KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Brijesh Paul

Technical Field of proposal
Presentation/Report Drafting

Title of proposal - Seminar / Symposium / Workshop Title
A Brief Introduction to LaTeX

Add rows as required

Abstract
LaTeX is a document preparation system which can be used by students for the preparation of their Seminar/Project Reports

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

1



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Make students familiar with the usage of LaTeX and enable them to prepare their Seminar/Project reports using LaTeX. (Regional). Target Audience- Students

Add more as required

Project Impact -Expected outcome - academic / social / commercial
Academic - Make the students familiar with LaTeX

Add more as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
10- Mar- 2017	9am-4pm	Demonstration regarding usage of LaTeX	Cad Lab	1 White Board

Add more as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Vivek Harris	Asst Professor	KMEA Engineering College	A day long class to make the students familiar with LaTeX

Add more as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role in collaborating/participating	Financial commitment* in Rs.

	Total Rs.
--	------------------

³Mention role of Industry/organisation.

Add rows as required..

*Attach copy of letters received from participating industry showing intent / financial commitment etc.

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

Add rows as required.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total				

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Vivek Harris	Permkishnan P
Exact designation	Assistant Professor	Assistant Professor



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63

Department	Mechanical Engineering	Mechanical Engineering
Cell number	9496325249	8301859951
Email	vkx.me@kmeacollege.ac.in	pmk.me@kmeacollege.ac.in
Signature		


HOD

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DIRECTOR



KMEA ENGINEERING COLLEGE

Kuzhivelipady, Edathala P.O., Kochi - 683 561

Form No.KEC/OA/F007-00

Internal Office Note

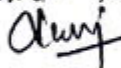
From	Jama K. Azeez	To	The Principal
Through	HOD	Date	19/10/16
Subject	Reg: The change of department activity.		

Respected Sir,

Electronics & Instrumentation Students Association (EISA) had arranged a talk by Sreeja M.K. (Associate Engineer, Yokogawa) in "Importance of DCS and Instrumentation Applications" on 11/8/16 (3:00pm - 4:15 pm).

We had planned to conduct a talk on "Current Trends in Instrumentation and Automation" by Dominic Mathew (Associate Professor, AET, RSET) on 28/9/16. But due to unavailability of sufficient working days for higher semester students we would like to ~~cancel~~ the same.

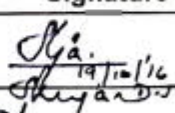
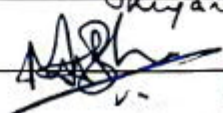

Kindly allow us to change our department activity with the former one.

Yours faithfully,

 Jama K. Azeez




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Forwarded by	Recommendation to	Signature
Sheya. D.S.	HOD EC	
Recommended		
		

KMEA ENGINEERING COLLEGE
Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	22-09-2016	Program Coordinators name and contact details:	Mr. Ajith, Scientist, NPOL
Name of Event: TALK ON TIME MANAGEMENT AND CAREER OPPORTUNITIES			
Organized by: TEP CELL, KMEA ENGINEERING COLLEGE			

1) Objective of the event

To develop time management skills in students which may help them in their academics as well as professional life. To impart awareness on career opportunities in different fields of engineering.

2) Write a brief overview of the following sessions in min 8 sentences each

• Inaugural Session with date, time and details of guests

Inaugural session of the program commenced at 1.30pm on 22/09/2016. The HOD and all the faculties of EEE department were present.



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- **Different Sessions with date, time and details of speakers/ chairs and the contents delivered or training conducted (write seperate paragraphs for each session)**
- Session 1 – First session covered various methodologies and tips for time management.
- Session 2 – Second session dealt with various fields of careers in the engineering sector.
- Session 3 – Concluding Session

3) Consolidated feedback received from the participants

- The talk helped to develop an overall idea of importance of time management and various methods.
- Students were familiarized with new and emerging career opportunities in the electrical engineering field.
- Students were given an overview of selecting future career based on their interests.
- The content of the workshop was very much informative and helpful for developing future career in the respective field of engineering.
- The session gave motivation to select an interesting career.

4) Conclusion and Outcome

The talk imparted time management skills to students which is very useful for their profession. The talk also opened up the world of emerging career opportunities.

5) Recommendations or Suggestions, if any, for future events



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It is good to conduct similar sessions for final year students in future.

Program Coordinators

Name: FEMY P.H, ABIDA C.A

Signature: Femy P.H

TEP Cell Dept. Coordinators

1. Name : FEMY P.H

Signature: Femy P.H

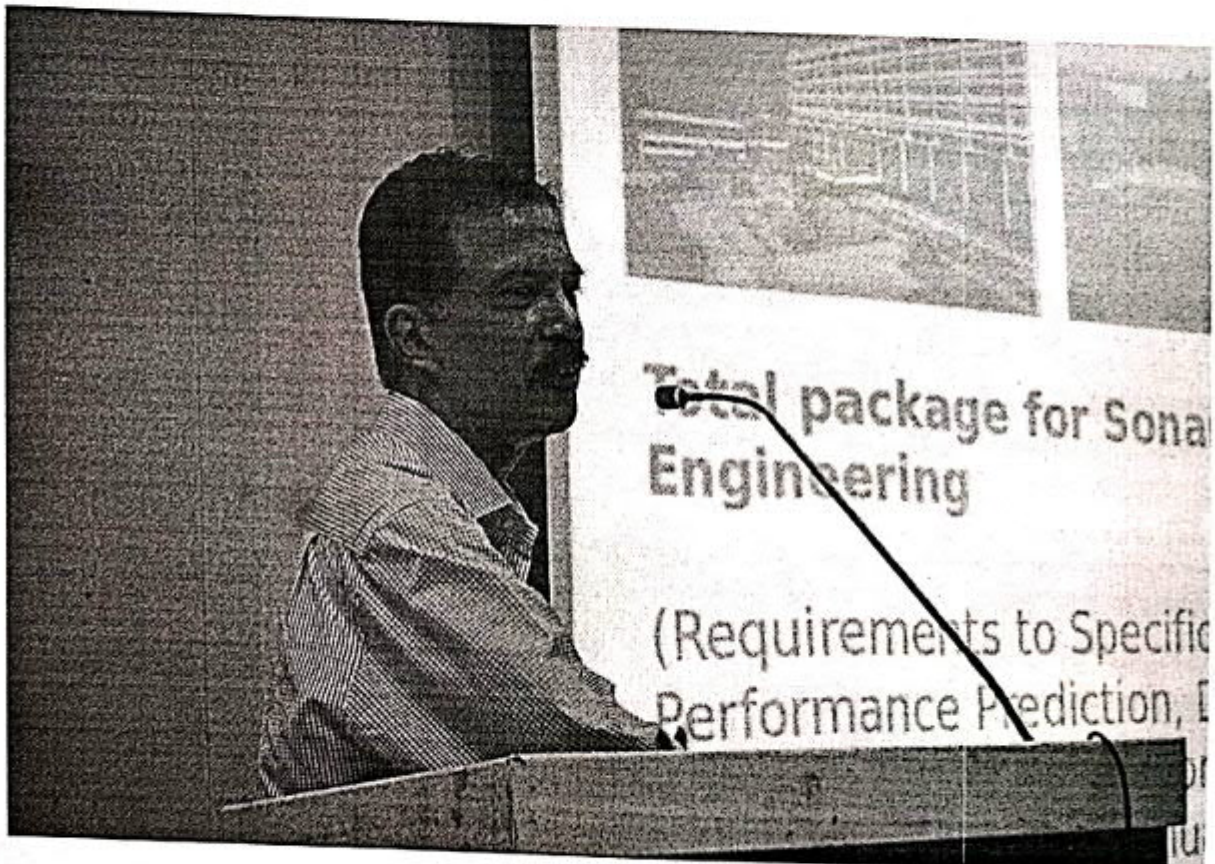
2. Name : ABIDA C.A

Signature: ABIDA C.A

HOD


Name: Mrs. Reena Sebastian

Signature: Reena Sebastian



Principal 3
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KMEA Engineering College

Kuzivelippady, Edathala, Ernakulam Dist, Kerala, Pin: 683 561.

Ph: 0484 2411003, 2411004

website:- www.kmeacollege.ac.in, email:- office@kmeacollege.ac.in

Class: S5-EE

Roll No	Name of Student	Signature
1	ABHISHEK M.	
2	ABINABI.VA	
3	AFZAL B. A.	
4	AJMAL P. I.	
5	AMINABI.V.A	
6	ANJALY MOHANAN	
7	AYSHA.S	
8	JUGAL HALTHAF.M.	
9	KIRAN JOSE	
10	KIRAN P. M.	
11	M.P SURESH	
12	MAYURI GRACE	
13	MOHAMMED ASHIQUE E. A.	
14	MUHAMMED NASIF P. A.	
15	MUHAMMED SAJID K.A	
16	NAZAL K N	
17	PRANAV A. V.	
18	PRASIN P.	
19	RAHIYANATH.TA	
20	RAHUL C. K.	
21	RISHAD B. ASHRAF	
22	SAIFUNNISA NAZAR	
23	SHAMJAD ASHARAF	
24	SREEKANTH P. S.	
25	SUJIL A . S.	
26	VIMAL V. M.	



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Roll No	Name of Student	Signature
1	AMAL MUHAMMED	
2	A.NAVEEN	
3	ABDUL SALEEM.P.I	
4	ABIN JOHNSON	
5	ADHITHYA.K.S	
6	AJAS.K.S	
8	AKSHAY.S.N	
9	AMAL ABDUL SALAM	
10	AMAL R.BABU	
11	ANAND.K.R	
12	ANSHIL.M	
13	ANTONY.K.A	
14	ASHIQ RAHIM	
15	ASWIN ASHOK	
16	ATHIL MUSTHAFA.M.S	
17	BINOY JOHN	
18	EBIN.P.A	
19	ELDHOSE.C.P	
20	FAHAD.M.S	
21	FAISAL KHAN.S	
22	GIPIN ANTONY JOSEPH	
23	HINDMOLA.S	
24	JAQUELINE GEORGE	
25	JAUMIR.K.V	
26	MARIA VARGHESE	
27	MARY MANEESHA.K.B	
28	MOHAMED ISMAIL	
29	MOHAMMED SHEHZAD K.SALIM	
30	MOIDEEN SHA.P.N	
31	MUHAMMED ASLAM	
32	MUMTHAS.T.K	
33	NAEEM.K.I	
34	NAFIA.V	
36	RESHMA RADHAKRISHNAN	
37	RUWAIZ AJEED	
38	SABAREESH SAJJIN	
39	SAJITH.V.M	
40	SANJAY.M.T	
41	SHAIK MOHD HANEEF SHAIK RAMEEZ	
43	SWAROOP.P.S	
44	VIVEK ATTOOKARAN	
45	VIVEK JOHN.A.J	
46	WAYNE FERNANDEZ	



[Signature]
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Income & Expenditure Statement

Sl No	Date of Bill	Details of Expenditure	Amount
1		Flex	
2		Petrol	
3		Bouquet	
4		Petrol	
5		Certificates	
6		Trainer-fees	5000
7		Honourarium	
8		Prize Money	
9		Canteen	
10		Canteen	
11		Certificates	
		Total	5000

[illegible]

Balance to Office/From Office: NIL




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KMEA ENGINEERING COLLEGE
EDATHALA-683561

Sheet1

KMEA ENGINEERING COLLEGE
ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT
TECHNOLOGY EMPOWERMENT PROGRAM CELL

TALK ON TIME MANAGEMENT AND CAREER OPPORTUNITIES - PROGRAM SCHEDULE			
DATE	SESSION	TIME	TOPIC
22/09/16	SESSION 1	1.30PM - 2.30PM	Methodologies and tips for time management
	SESSION 2	2.30PM - 3.30PM	Talk on various new fields of careers in the engineering sector
	SESSION 3	3.30PM - 4.15PM	Concluding session



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Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	06-08-2016	Program Coordinators name and contact details:	Adv.P.A ABDUL MAJEED PARAKKADAN, SECRETARY KMEA
Name of Event: COUNSELLING AND MOTIVATION PROGRAM			
Organized by: TEP CELL, EEE DEPT			

1) Objective of the event

To identify the problems of students and to motivate them to build up a good career.

2) Write a brief overview of the following sessions in min 8 sentences each

- **Inaugural Session with date, time and details of guests**
Inaugural session of the program commenced at 9.30am on 06/8/2016. The HOD and all the faculties of EEE department were present. The HOD, EEE introduced the guest to the students.
- **Different Sessions with date, time and details of speakers/ chairs and the contents delivered or training conducted (write separate paragraphs for each session)**



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EDATHALA-683561

Session- I:

Inspirational talk about eminent personalities.

Session-II

Counselling.

Consolidated feedback received from the participants

- Gave motivation to change the students insight.
- The talk inspired the students to concentrate in their academics.

Conclusion and Outcome

The talk enabled the students to think about their future life in a different way.

Recommendations or Suggestions, if any, for future events

Individual counselling sessions may be included for selected students in future events.

Program Coordinators

Name: FEMY P.H, ABIDA C.A

Signature: FEMY P.H

TEP Cell Dept. Coordinators

1. Name : FEMY P.H

Signature: FEMY P.H

2. Name : ABIDA C.A

Signature: ABIDA C.A

HOD

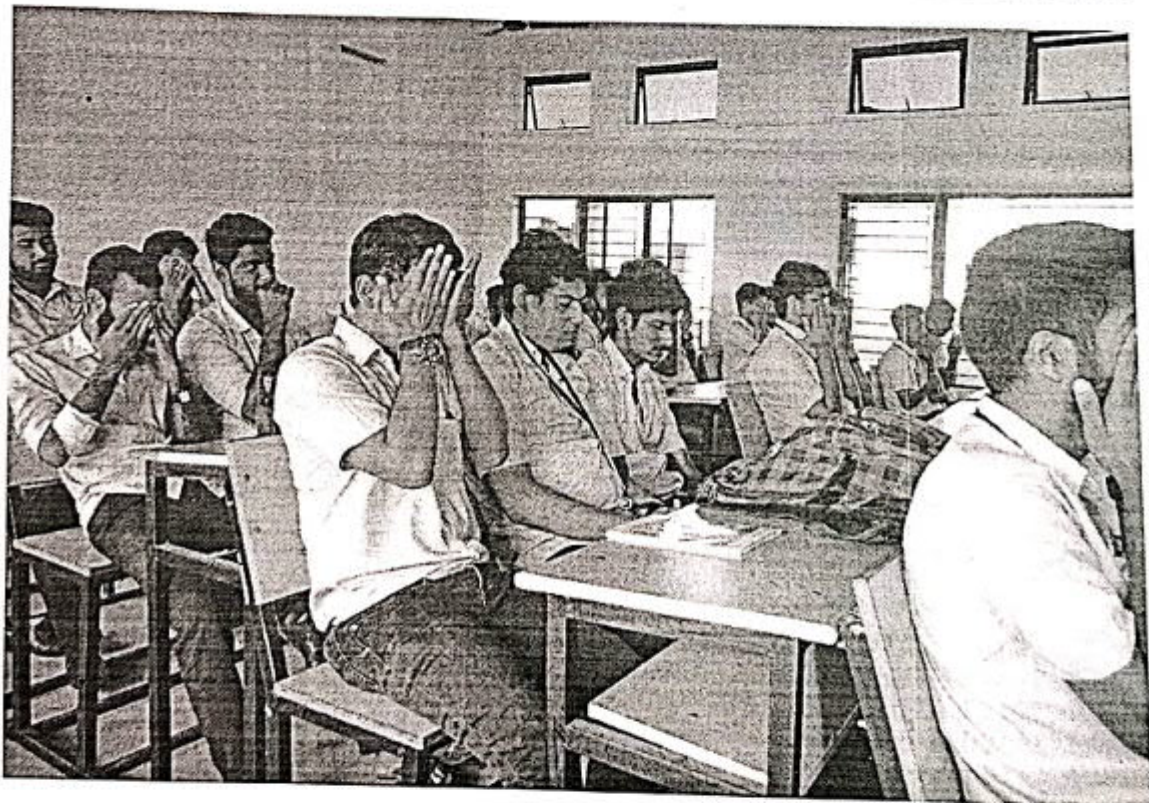
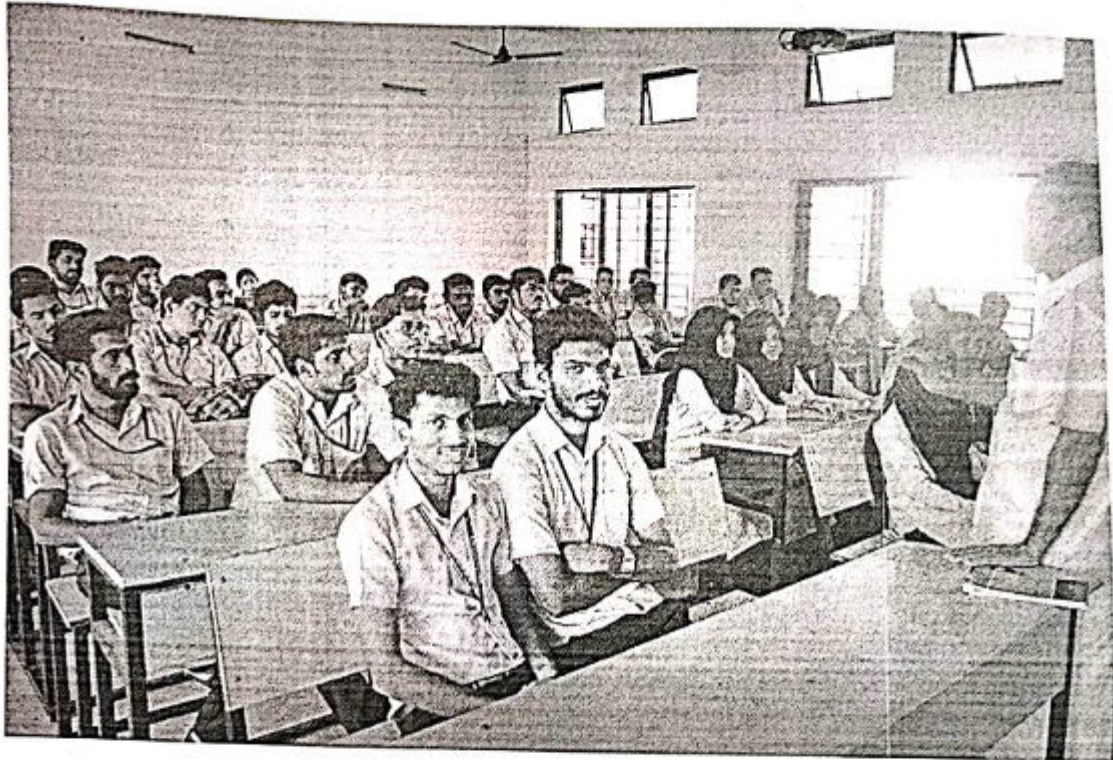
Name : Prof. REENA SEBASTIAN

Signature : Reena Sebastian



Principal
2

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Abulhad
3

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KMEA ENGINEERING COLLEGE, EDATHALA

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

COUNSELLING AND MOTIVATION PROGRAM_ATTENDANCE_S5 EEE

Roll No	Name of Student	Signature
1	ABHISHEK M.	
2	ABINABI.VA	
3	AFZAL B. A.	
4	AJMAL P. I.	
5	AMINABI.V.A	
9	KIRAN JOSE	
11	M.P SURESH	
12	MAYURI GRACE	
13	MOHAMMED ASHIQUE E. A.	
14	MUHAMMED NASIF P. A.	
16	NAZAL K N	
17	PRANAV A. V.	
19	RAHIYANATH.TA	
20	RAHUL C. K.	
21	RISHAD B. ASHRAF	
22	SAIFUNNISA NAZAR	
23	SHAMJAD ASHARAF	
24	SREEKANTH P. S.	
25	SUJIL A. S.	



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ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

COUNSELLING AND MOTIVATION PROGRAM_ATTENDANCE_S7 EEE

ROLL NO	NAME	SIGNATURE
1	AMAL MUHAMMED	<i>Amal</i>
2	A.NAVEEN	<i>Naveen</i>
3	ABDUL SALEEM.P.I	<i>Asaleem</i>
11	ANAND.K.R	<i>Anand</i>
12	ANSHIL.M	<i>Anshil</i>
14	ASHIQ RAHIM	<i>Ashiq</i>
19	ELDHOSE.C.P	<i>Eldhose</i>
20	FAHAD.M.S	<i>Fahad</i>
21	FAISAL KHAN.S	<i>Faisal</i>
29	MOHAMMED SHEHZAD K.SALIM	<i>Shehzad</i>
30	MOIDEEN SHA.P.N	<i>Moideen</i>
33	NAEEM.K.I	<i>Naeem</i>
38	SABAREESH SAJJIN	<i>Sabareesh</i>
39	SAJITH.V.M	<i>Sajith</i>
41	SHAIK MOHD HANEEF SHAIK RAMEEZ	<i>Shameez</i>
43	SWAROOP.P.S	<i>Swaroop</i>
44	VIVEK ATTOOKARAN	<i>Vivek</i>
46	WAYNE FERNANDEZ	<i>Wayne</i>



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Sheet1

KMEA ENGINEERING COLLEGE
ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

TECHNOLOGY EMPOWERMENT PROGRAM CELL

COUNSELLING AND MOTIVATION PROGRAM- SS EEE, ST EEE			
DATE	SESSION	TIME	TOPIC
06/08/16	SESSION 1	9.30AM – 11.30AM	Inspirational talk about eminent personalities.
	SESSION 2	11.30AM – 12.30PM	Counselling.




A handwritten signature in green ink, appearing to read "Arunesh", written over a horizontal line.

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KMEA ENGINEERING COLLEGE											
TECHNOLOGY EMPOWERMENT PROGRAM CELL - Activity Calendar July - Dec 2016 (Odd Semester)											
July 2016			August 2016			Sep 2016			Oct 2016		
Day	Date	Event	Day	Date	Event	Day	Date	Event	Day	Date	Event
FRI	1		MON	1	El Micro Project (Everyday 3:30pm - 4:15pm)	THU	1	1. EEE Workshop - Android Application & Development 2. EC Competition - Super Cloning 3. CS Workshop - Android & Application Development 1 st & 2 nd Sept 2016	SAT	1	1. Maths Dept. Workshop - Introduction to Graphics 2. EE Seminar - GIS, Civil Engg & Construction Technologies
SAT	2		TUE	2	Karkada Varsa	FRI	2	1. EEE Workshop - Android Application & Development 2. ME Seminar - Brief Introduction to LaTeX	SUN	2	
SUN	3		WED	3		SAT	3	EEE Seminar - Career Training Program	MON	3	1. EEE Workshop - Introduction to OpenFOAM CFD software (2:30pm - 4:15pm)
MON	4		THU	4		SUN	4		TUE	4	1. EEE Workshop - Introduction to OpenFOAM CFD software (2:30pm - 4:15pm)
TUE	5		FRI	5		MON	5		WED	5	EE Workshop - RDS
WED	6	Id-ul-Fitr	SAT	6	EEE Seminar - Counseling and Motivation Program	TUE	6	ME Workshop - Introduction to OpenFOAM CFD software (2:30pm - 4:15pm)	THU	6	1. EEE Workshop - Introduction to OpenFOAM CFD software (2:30pm - 4:15pm)
THU	7		SUN	7		WED	7		FRI	7	1. EEE Workshop - Introduction to OpenFOAM CFD software (2:30pm - 4:15pm)
FRI	8		MON	8	CS Workshop - Android Software	THU	8		SAT	8	
SAT	9	Second Saturday	TUE	9		SUN	9		SUN	9	
SUN	10		WED	10	CS Workshop - Data Mining using Python language	SAT	10	Second Saturday	MON	10	Maharashtrani
MON	11		THU	11		SUN	11		TUE	11	Vijaydashami
TUE	12		FRI	12		MON	12		WED	12	Maharashtrani
WED	13		SAT	13	Second Saturday	TUE	13		THU	13	
THU	14		SUN	14		WED	14		SUN	14	
FRI	15		MON	15	Independence day	THU	15		SAT	15	CE Competition - Quiz Competition
SAT	16		TUE	16		FRI	16		SUN	16	
SUN	17		WED	17	1. EE Workshop - Hands-on PSpice 2. ME Competition - RUKHSHEETRA Quiz Competition	SAT	17		MON	17	
MON	18		THU	18		SUN	18		TUE	18	
TUE	19		FRI	19	IT Seminar - Android Application Development	MON	19		WED	19	
WED	20		SAT	20	EEE Seminar - Counseling and Motivation Program	TUE	20		THU	20	
THU	21		SUN	21		WED	21	Sree Narayana Guru Semadhi	FRI	21	
FRI	22		MON	22		THU	22	1. EEE Competition - Quiz for 51 students 2. EEE Seminar - Time Management	SAT	22	Fourth Saturday
SAT	23	Fourth Saturday	TUE	23	IEEE-ITEE - EC FDP (Workshop) - Strength-based education	FRI	23	1. EE Competition - Quiz for 51 students 2. ME Seminar - Numerical Methods in Mechanical Engg	SUN	23	
SUN	24		WED	24	Sree Krishna Jayanthi	SAT	24	Fourth Saturday	MON	24	
MON	25		THU	25		SUN	25		TUE	25	
TUE	26		FRI	26		MON	26		WED	26	Fourth Saturday
WED	27	CS Seminar - Traversing & Depth Networking	SAT	27	Fourth Saturday CE Workshop - Total Station Seminars	TUE	27		THU	27	
THU	28		SUN	28		WED	28	1. ME Workshop - Non Destructive Testing & Inspection 2. EE Seminar - Current Trends in Instrumentation & Automation 3. ME Workshop - Engine Assembly & Trouble Shooting in Automobile Systems	FRI	28	
FRI	29		MON	29	ME Workshop - Introduction to OpenFOAM CFD software (2:30pm - 4:15pm) [29 th Aug to 3 rd Sept]	THU	29		SAT	29	Deepavali
SAT	30	EEE Workshop - Electrical CAD	TUE	30	EE Competition - Microprocessor & Microcontroller Programming Contest (30 th Aug to 1 st Sept)	THU	30		SUN	30	
SUN	31		WED	31					MON	31	

let 3/9 - Sunday was in school

22.23/8/2016
CS - Handon workshop on Android Application Dev

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Name of the Programme

Income & Expenditure Statement-ELECTRICAL SYSTEM DESIGN

No	Date of Bill	Details of Expenditure	Amount	Sl No	Date of Bill	Details of Income	Amount
1		Flex		1		Advance Amount from college	10000
2		Petrol		2		Workshop Registration Fees	
3		Bouquet		3		Idea Competition Registration Fees	
4		Petrol		4		Prize Money from Office	
5		Certificates				you can enter according to your need	
6		Arvin Tech-Workshop Fees	10000			any external support	
7		Honourarium					
8		Prize Money					
9		Canteen					
10		Canteen					
11		Certificates					
you can enter according to your need			Total 10000				
							Total 10000

8
ance to Office/ from Office



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Performa for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Mr. Joseph V A

Technical Field of proposal
Mechanical QA & QC

Title of proposal - Workshop Title
Non Destructive Testing & Inspection

Add rows as required

Abstract

A Mechanical Engineering graduate involved in industrial construction needs specialization before he gets assignment as QA/QC Engineer. The quality control of industrial construction is usually done in accordance with International Quality Standards such as ASME, API, AWS, ANSI, ASTM, BS etc. standards. Through this workshop, our aim is to provide hands on training for Mechanical Engineering students in various non-destructive testing methods with specified standards used in industries for quality testing & inspection.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

The major objective of this workshop is to familiarize the quality testing & inspection techniques to our students.

Add rows as required

Project Impact - Expected outcome - academic / social / commercial

The NDT methods are the important techniques in quality control and this subject is included in eighth semester curriculum in MG university syllabus. So, it will be a great platform to students as well as faculties to comprehend the practical aspects of NDT.



1

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Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
28/09/2016	9.30AM-3.30PM	Lecture, Demonstration and Discussions	Auditorium – ME Block	Chair – 125, Table – 5, Projector with Screen, White Board with marker, Sound System with 2 Mic (1 codeless).

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Mr. P. J Varghese	Technical Manager	Metal Scan Inspection Services	Speaker / Advisors / Trainer

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment ^s in Rs.
Metal Scan Inspection Services	Tower B, 5th Floor, Mather Square, Opposite to Town (North) Railway Station, Town Railway Station Road, Kochin-682018	www.metalscan-kerala.com	P.J Varghese Tel: 0484 3210681 Cell: 09349891880 / 9446937402 E-Mail - info@metalscan-kerala.com	*Handling Lecture and demonstration session *They will provide their equipment for various NDT techniques *Also, one of their staff will accompany with the trainer for practical session.	
Total Rs.					

*Mention role of Industry/organisation

Add rows as required

*Attach copy of letters received from participating industry showing intent / financial commitment etc



2

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Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	3000			
Memento (Nos. 2)	700			
TA/DA	1000			
Printing flex (Nos 2) and certificates (Nos – 125)	2500			
Sound System - Basic with 2 mic (1 normal+1codeless) with operator	2800			
Refreshments to speakers including lunch (Nos. 2)	500			
Total	10500			

Details of Coordinators

	-Coordinator 1	Coordinator 2
Name	Arun VK	Muhammed Yasir V A
Exact designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9447789819	9895615032
Email	avk.me@kmeacollege.ac.in	myv.me@kmeacollege.ac.in
Signature		

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DEPARTMENT OF MECHANICAL ENGINEERING

Report on departmental activities, programmes and plans during the Jan 16 to June 16

Infrastructure modifications

Detailed plans and proposals for various modifications has been prepared and submitted. Most of them were either sanctioned or in processing status. Major plans include

- Setting up of department library
- Setting up of R&D cell
- Setting up of department seminar hall
- Setting up of project and models pavilion
- Intercom installation for the block etc.....

Training sessions/ technical programmes for faculties and students (JAN 2016- JUNE 2016)

Department of Mechanical Engineering has planned and submitted proposal to conduct 6 events in the beginning of the semester. Following are the details of events and sessions successfully conducted under the department during the period.

Programme 1

Name of the Programme: Computational fluid dynamics (CFD) Training program

Abhinav Sin

Date? Dates conducted: 15/01/2016, 16/01/2016, 18/01/2016, 19/01/2016, 31/01/2016, 05/02/2016, 06/02/2016, 12/02/2016, 13/02/2016, 14/02/2016,

About Inauguration: Inaugurated by Abdul Jaleel K.T, HOD, Department of Mechanical Engineering

Details of various sessions: Sessions handled by TTRC (Technology training and research centre, www.aapltrc.com). Lecture + demonstration + practising on live projects

No of participants: 24

Programme 2

Name of the Programme: Fire safety and Disaster management

Subitha. am

Date conducted: 31/03/2016

About Inauguration: Inaugurated by Sri. Sivakumar. G (Director, Kerala State Productivity Council)

Details of various sessions :

SESSION 1: Sri. Sivakumar. G (Director, Kerala State Productivity Council), Technical Talk on "Towards a safer world".

SESSION 2: Sri Saleen. A (Senior Manager, HSE, Cochin Shipyard), Technical Talk on "occupational health and safety systems".



Subitha

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SESSION 3: Dr. Muralee Thummarukudi (Chief of Disaster Risk Reduction, United Nations Environment Program), Invited Talk on "Role of Technical Society in disaster risk reduction".

No of audience: 105

Programme 3

Name of the Programme: Fire Fighting practise for students

Subith, Mohan

Details of various sessions:

SESSION 1: Basic Fire Awareness – Every student should be aware of how fires start, spread and are controlled. This session teaches general respect for fire and makes students aware of fire risks in the workplace.

SESSION 2: Basic Fire fighting – The fundamental skills covered in basic training ensure proper, safe execution of fire fighting operations.

SESSION 3: Advanced Fire fighting – Building on the awareness and basic fire fighting training, the advanced training teaches more practical knowledge and the use of hand-operated fire fighting equipment.

No of participants: 60 (S8 Mechanical engineering students)

Programme 4

Name of the Programme: ASAP- Summer Skill Skool Programme under DAT scheme- Lathe Oerator

Dates conducted: 27/April to 02/ June

About Inauguration: Inauguration by Dr. J. Letha, Vice Chancellor, CUSAT.

Details of various sessions: 150 hours in house training session and 150 hours internship.

No of participants: 25

Programme 5

Name of the Programme: Switch on ceremony of CNC Machine

Date conducted: 06/04/2016

About Inauguration: Inaugurated by Sri Basheerali Shihab Tangal

No of audience: 75

Programme 6

Name of the Programme: Advanced level training on SOLIDWORKS for faculties

Duration: 35 hours



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About course: Sessions explain how to use the SOLIDWORKS mechanical design automation software to build parametric models of parts and assemblies, and how to make drawings of those parts and assemblies

No of participants: 06

Activities aimed at improving academics, attendance and placement activities

The following activities focussed on improving the academic performance of students were conducted during the semester.

- Conducting remedial Class.
- Providing University Question Bank along with Answers
- Conducting Regular class Tests.
- Monitoring them regularly about their improvement.
- Conducting retests.

The action plan formulated during the beginning of the semester to improve the attendance, were strictly followed and proved to be VERY EFFECTIVE. We could considerably reduce the number of students with poor attendance from 40+ (during last semester) to 3 in the current semester.

Faculties have provided guidance facilities for the final year students in choosing the career stream. Mock tests and training has been conducted for GATE aspirants regularly.




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Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	COMPUTER SCIENCE AND ENGINEERING/INFORMATION TECHNOLOGY
Name of the Head of the Department	REKHA LAKSHMANAN/VIDYA HARI

Technical Field of proposal

Workshop

Title of proposal - Seminar / Symposium / Workshop Title
"Android Application Development"


Add rows as required

Abstract

Android is an open source and Linux-based operating system for mobile devices such as smartphones and tablet computers. Android was developed by the Open Handset Alliance, led by Google, and other companies. This programme is intended for teaching basic Android programming and also for some advance concepts related to Android application development.

Add rows as required




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Objective and Level of activity (Regional / National / International) and target audience

Students

Project Impact -Expected outcome - academic / social / commercial

- Knowledge on how to build our own Android Apps
- Understand difference between Android and other mobile development environments
- Understand how Android applications work and their lifecycle
- Design and develop useful Android applications with compelling user interfaces
- Take advantage of Android API's for data storage, retrieval, files, databases, user preferences



Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
1/9/2016	1.30 p.m-4.30 p.m	workshop	Computer Lab	14 Desktops

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p participating	Financial commitment [#] in Rs.
Total Rs.					



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Similar event organized by the Institute earlier, if any.


Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	0			
Stationery, printing,	0			
Travel, Stay and DA	0			
Other(pls write each heading in each row)	0			
Total				0

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Arifa Azeez	Shinu Koyakutty
Designation	Assistant Professor	Assistant Professor
Department	Information Technology	Information Technology
Cell number	9447616365	9847045197
Email	aaa.it@kmeacollege.ac.in	sky.it@kmeacollege.ac.in
Signature		


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Proforma for submission of proposal under the scheme

WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	MECHANICAL ENGINEERING
Name of the Head of the Department	MR. JOSEPH V A

Technical Field of proposal
COMPUTATIONAL FLUID DYNAMICS

Title of proposal Workshop Title
An introduction to OpenFOAM CFD Software

Add rows as required

Abstract

OpenFOAM is an open source CFD software. The applications fall into two categories: solvers, that are each designed to solve a specific problem in continuum mechanics; and utilities, that are designed to perform tasks that involve data manipulation. One of the strengths of OpenFOAM is that new solvers and utilities can be created by its users with some pre-requisite knowledge of the underlying method, physics and programming techniques involved.

Add rows as required

Objective and Level of activity

The field of CFD has seen tremendous growth in the last two decades and its usage is still expanding into many fields of science and engineering, this workshop will have a real impact among the researchers and students community



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The objective of the workshop is to create awareness among engineering students about one of the most challenging and growing field of CFD and to impart basic knowledge on OpenFOAM CFD software. This course will cover the PDEs in fluid dynamics finite difference and Finite volume discretization methods.

Target audience : Final year Mechanical engineering students

Maximum 40 participants

Project Impact -Expected outcome - academic

Through the workshop the students will be acquainted with the basics of CFD, its applications in different domains. The workshop can create interest in students in modeling and analyzing fluid mechanics and heat transfer problems.

Speakers

Name	Designation	Organization	Activity
Mr. Haris P A, Mr. Vivek Haris	Assistant Professor	KMEA Engg College	PPT Presentation on Introduction to CFD Hands on session on CFD Program

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
29/08/2016 to 02/09/2016 (5 days)	3.30 PM to 4.15 PM	Software Training	ME - CAD LAB	Lab instructor for installation and management , Ubuntu Software, Headphones, Portable speaker,
05/09/2016 to 09/09/2016 (5 days)	3.30 PM to 4.15 PM	Software Training	ME - CAD LAB	Lab instructor for installation and management , Ubuntu Software, Headphones, Portable speaker,



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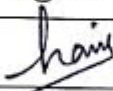
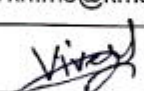
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Budget Estimates


Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	0			
Stationery, printing, Certificates	1000			
Refreshment for speakers	500			
Other (pls write each heading in each row)	0			
Total	1500			

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Mr. Haris P A	Mr. Vivek Haris
Exact designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9496462569	9496325249
Email	hpa.me@kmeacollege.ac.in	Vkh.me@kmeacollege.ac.in
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2/19/16

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Proforma for submission of proposal under the scheme

FACULTY DEVELOPMENT PROGRAMME

A Faculty Development Programme (FDP) is designed to

- enhance the teaching and other skills.
- make them aware about modern teaching tools and methodologies.
- acquire knowledge about current technological developments in relevant fields.
- impart professional practices relevant to technical education.
- achieve competitive teaching and learning environment and
- channelize development with respect to academic qualifications and personal matters.

Name of the Department	Mechanical
Name of the Head of the Department	Joseph V.A

Technical Field of proposal
Numerical methods

Title of proposal
Numerical methods in mechanical engineering

Abstract

The course introduces a variety of basic numerical analysis methods that can be used to solve mechanical engineering problems. The emphasis is on applications of these techniques using a mathematical software package such as Matlab. Examples will be drawn from a variety of mechanical engineering problems, including heat transfer, vibrations, dynamics, fluid mechanics, etc. Topics include nonlinear algebraic equations, sets of linear algebraic equations, eigenvalue problems, interpolation, curve fitting, ordinary differential equations, and partial differential equations.

Objective

1. Introduce the faculty to the classical and modern numerical methods available for engineering problem solving.
2. Familiarize with the computer as an engineering tool and to improve programming skills
3. Emphasize fundamental understanding of the methods.
4. Importance of errors associated with scientific computing.



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Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance from funding agency.
Stationery	200			
Travel, Stay (Resource Persons)	500			
Printing(Brochure,Certificates etc)	500			
Refreshment and Food	500			
Honorarium/Memento	500			
Other(specify each heading)	2000			
Total	4200			

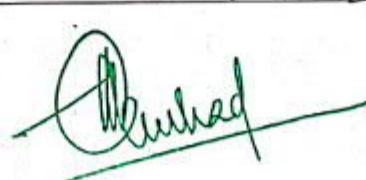
Details of Coordinators

	Coordinator 1	Coordinator 2
Name	SANDEEP.K.V	AKHIL RAMESH
Exact designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9447707598	9645494464
Email	skv.me@kmeacollege.ac.in	ars.me@kmeacollege.ac.in
Signature		

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SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	MATHEMATICS DEPARTMENT
Name of the Head of the Department	PROF: NASEEMA V A

Technical Field of proposal

Introducing Mathematical Softwares to Geogebra

Title of proposal - Seminar / Symposium / Workshop Title

Workshop

Add rows as required

Abstract

It gives basic knowledge about the practical application of mathematics in different branches of engineering.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

Regional

Add rows as required



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Project Impact -Expected outcome - academic / social / commercial

It gives geometrical view of theory in sketching the graphs of mathematical functions

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
20/08/2016 01/10/2016	9.00-1.30	Prof:Pankaj Kumar(FISAT)	CAD Lab (Mechanical)	

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
			Keynote address / Chairing sessions / Speaker / Advisors / Reviewers / Sponsorer

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p participating	Financial commitment* in Rs.
Total Rs.					

*Mention role of Industry/organisation.
Add rows as required..

*Attach copy of letters received from participating industry showing intent / financial commitment etc.



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Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
SDP	Mathematics		Regional	NA	NA

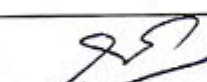


Add rows as required.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	5000			
Stationery, printing,	500			
Travel, Stay and DA	1000			
Other(pls write each heading in each row)	500			
Total	7000			

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2	Coordinator 3
Name	Shimna A	Sajitha Kumari T	Bitra T Rajendran
Exact designation	Assisant Prof:	Lecturer	Lecturer
Department	Mathematics	Mathematics	Mathematics
Cell number	9446381342	9446704793	9447912028
Email	Sma.mt@kmeacollege.ac.in	Skt.mt@kmeacollege.ac.in	Btr.mt@kmeacollege.ac.in
Signature			




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KMEA ENGINEERING COLLEGE

TECHNOLOGY EMPOWERMENT CELL - Activity Calendar : Jan 2016 - May 2016 (Even Semester)

January 2016			February 2016			March 2016			April 2016			May 2016		
Day	Event	Working Day	Day	Event	Working Day	Day	Event	Working Day	Day	Event	Working Day	Day	Event	Working Day
FRI 1		MON 1	THU 1	Seminar on Python Programming - IT Dept.	TUE 1	FRI 1		WED 1		THU 1		FRI 1		MON 1
SAT 2		TUE 2	WED 2		THU 2			FRI 2		SAT 2		MON 2		TUE 2
SUN 3		WED 3			FRI 3			SAT 3		SUN 3		TUE 3		WED 3
MON 4		THU 4			FRI 4			MON 4		THU 4		FRI 4		MON 4
TUE 5		FRI 5			SAT 5			WED 5		FRI 5		MON 5		TUE 5
WED 6		SAT 6			MON 6			THU 6		SAT 6		MON 6		TUE 6
THU 7		SUN 7			TUE 7			WED 7		THU 7		FRI 7		MON 7
FRI 8		MON 8			TUE 8			WED 8		THU 8		FRI 8		MON 8
SAT 9	Second Saturday	TUE 9			WED 9			THU 9		FRI 9		MON 9		TUE 9
SUN 10		WED 10			THU 10			FRI 10		SAT 10		MON 10		TUE 10
MON 11		FRI 11			SAT 11			MON 11		TUE 11		WED 11		THU 11
TUE 12		SAT 12			MON 12			THU 12		FRI 12		MON 12		TUE 12
WED 13		SAT 13			MON 13			THU 13		FRI 13		MON 13		TUE 13
THU 14		SUN 14			TUE 14			WED 14		THU 14		FRI 14		MON 14
FRI 15		MON 15			TUE 15			WED 15		THU 15		FRI 15		MON 15
SAT 16		TUE 16			WED 16			THU 16		FRI 16		MON 16		TUE 16
SUN 17		WED 17			THU 17			FRI 17		SAT 17		MON 17		TUE 17
MON 18		THU 18			FRI 18			MON 18		THU 18		FRI 18		MON 18
TUE 19		SAT 19			MON 19			THU 19		FRI 19		MON 19		TUE 19
WED 20		SAT 20			MON 20			THU 20		FRI 20		MON 20		TUE 20
THU 21		SUN 21			TUE 21			WED 21		THU 21		FRI 21		MON 21
FRI 22		MON 22			TUE 22			WED 22		THU 22		FRI 22		MON 22
SAT 23		TUE 23			WED 23			THU 23		FRI 23		MON 23		TUE 23
SUN 24		WED 24			THU 24			FRI 24		SAT 24		MON 24		TUE 24
MON 25		THU 25			FRI 25			MON 25		THU 25		FRI 25		MON 25
TUE 26		SAT 26			MON 26			THU 26		FRI 26		MON 26		TUE 26
WED 27		SAT 27			MON 27			THU 27		FRI 27		MON 27		TUE 27
THU 28		SUN 28			TUE 28			WED 28		THU 28		FRI 28		MON 28
FRI 29		MON 29			TUE 29			WED 29		THU 29		FRI 29		MON 29
SAT 30														
SUN 31														



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KMEA ENGINEERING COLLEGE

TECHNOLOGY EMPOWERMENT PROGRAMME (TEP) CELL ACTIVITIES (JANUARY 2016 TO MAY 2016)

Sl No	Title of the Programme	Date	Department Conducted	Chief Guest /Resource Persons Participated
1	Hands on workshop for OSCAD Software	20/02/2016	Electronics & Communication Engg	Faculty,ECE Department 1. Mini Ujanat,Chair, IEEE Kochi Center 2. Shashim Backer,ViceChair,IEEE Kochi Center 3. Mr. Manu, Faculty,Arvin Tech,Kochi
2	State level IEEE-IETE Technical Meet	29th & 30th March Duration: 3.30 pm to 4.30 pm	Electronics & Communication Engg	Faculty,ECE Department 1. Mr. Sanoob A 2. Mr. Mohammed Azar C. S.
3	Electronic Product Designing	04/02/2016	Computer Science & Engineering	Shri Jay Jacob 1. Dr. Babu T Jose,Former Director,SOE,CUSAT 2. Dr. Anil Joseph,MD,Geosctruals 3. Dr. Deepa G Nair, Professor,CUSAT
4	Workshop on Hardware Familiarization, Assembling & PC Modelling	18/02/2016	Computer Science & Engineering	Mr. Sajin Jose,Manager,Trainings,Sigmos India,Kochi Ms. Namitha Menon,CAD Expert Mr. Binish M C,Assistant Professor,ECE Dept Mr. Noby Sebastian,R&D Engineer,SMEC Automations Mr. Rkaseeh,R&D Engineer,IPCS Automations Mr. Afsal Umar, Assistant Professor,EIE Dept
5	Demonstration on Cyber Forensic Ethical Hacking	19/03/2016	Electrical & Electronics Engineering	Mr. Himanshukumar & Dev,Indwell Automations, Pune Faculty, Technology Training & Research Center, Kochi
6	Faculty Development Program on Geotechnical Engineering	20/02/2016	Civil Engineering	1. Shri Sivakumar G, Director, Kerala State Productivity Council 2. Shri Saleen A, Senior Manager, HSE, Cochlin Shipyard 3. Dr. Murali Thummarukudi, Chief of Disaster Risk Reduction, United Nations Environment Program
7	Two day Workshop on Electrical System Design	16-2-2016 18-2-2016	Electrical & Electronics Engineering	Students, S6 IT & S8 IT 1. Mr. Jomon M Varghese, Deputy Operations Manager, IPSR 2. Mr. Sreen Jolin Providence, IPSR Solutions Pvt Ltd
8	One day Workshop on Electrical CAD	11/02/2016	Electronics & Instrumentation Engineering	
9	Talk on PLC Programming	29/02/2016	Electronics & Instrumentation Engineering	
10	Talk on Career Specialization in EIE	02/03/2016	Electronics & Instrumentation Engineering	
11	Talk on Industrial Automation	03/03/2016	Electronics & Instrumentation Engineering	
12	Workshop on PCB Design	14-3-2016 to 16-3-2016	Electronics & Instrumentation Engineering	
13	Workshop on Advanced Industrial Automation	09/03/2016	Electronics & Instrumentation Engineering	
14	Prashnohar 2K16 Quiz Competition	09/03/2016	Electronics & Instrumentation Engineering	
15	Workshop on Industrial Automation	15th-19th Jan, 5th-6th Feb, 12th-14th Feb	Mechanical Engineering	
16	Computational Fluid Dynamics Training	31/03/2016	Mechanical Engineering	
17	Fire & Safety Disaster Management	01/02/2016	Information Technology	
18	Python Programming Familiarisation	11/02/2016	Information Technology	
19	Hands on training in Cloud Computing	20/02/2016	Department of Basic Science & Humanities	
20	Application of Mathematical Softwares	20/02/2016	Department of Basic Science & Humanities	

Note: Five more events are planned to be conducted during April and May 2016.

Principal



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Manju Bhaskar, Coordinator-TEP Cell

CG - Structural Engg
CS - I Python
2. Data mining
3. Security

CG - C++
ME - C++ coding
Numerical

CG - IoT (done)

KMEA ENGINEERING COLLEGE			
TECHNOLOGY EMPOWERMENT PROGRAMME (TEP) CELL ACTIVITIES (JANUARY 2016 TO MAY 2016)			
Sl No	Title of the Programme	Date	Department Conducted
1	Hands on workshop for OSCAD Software	20/02/2016	Electronics & Communication Engg
2	State level IEEE-ETE Technical Meet	29th & 30th March Duration: 3.30 pm to 4.30 pm	Electronics & Communication Engg
3	Electronic Product Designing		Faculty, ECE Department
4	Workshop on Hardware Familiarization, Assembly & PC Modelling	04/02/2016	Computer Science & Engineering
5	Demonstration on Cyber Forensic	18/02/2016	Computer Science & Engineering
6	Geotechnical Engineering Program on	20/02/2016	Civil Engineering
7	Two day Workshop on Electrical System Design	16-2-2016	
8	One day Workshop on Electrical CAD	19/03/2016	Electrical & Electronics Engineering
9	Talk on PIC Programming	11/02/2016	Electrical & Electronics Engineering
10	Talk on Career Specialization in EI	29/02/2016	Electronics & Instrumentation Engineering
11	Workshop on PCB Design	02/03/2016	Electronics & Instrumentation Engineering
12	Workshop on Advanced Industrial Automation	14-3-2016 to 16-3-2016	Electronics & Instrumentation Engineering
13	Prashnathari ZK16 Quiz Competition	09/03/2016	Electronics & Instrumentation Engineering
14	Workshop on Industrial Automation	09/03/2016	Faculty, EIT Department
15	Workshop on Industrial Automation	15th-19th Jan, 5th-6th Feb, 12th-14th Feb	Faculty, SITT, Thalayolaparambu
16	Computational Fluid Dynamics Training		Faculty, Technology Training & Research Center, Kochi
17	Fire & Safety Disaster Management	31/03/2016	Mechanical Engineering
18	Python Programming Familiarisation	01/02/2016	Information Technology
19	Hands on training in Cloud Computing	11/02/2016	Information Technology
20	Application of Mathematical Softwares	20/02/2016	Department of Basic Science & Humanities

Note : Five more events are planned to be conducted during April and May 2016.

Manali Bhaskar, Coordinator-TEP Cell

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TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	27/04/2016	Program Coordinators name and contact details:	Ms. Soumya Joseph Ms. Sumi Bose
Name of Event: Students Workshop on Trouble shooting ✓			
Organized by: Computer Science and Engineering Department			
Sponsored by:			

Objective of the event is to understand various hardware errors the basic trouble shooting techniques

Overview of the sessions

- The session was started by Ms. Rekha Lakshmanan, HOD CS in the Language Lab and introduce the benefits of session.
- During the first session, Mr. Muhammed Ijaz of S8 CSIT, familiarized with beep codes, error codes and various identification methods and also the basics of trouble shooting techniques. He shown to the students how to run the device in minimum configuration and also taught to trouble shoot various display & disk based errors. He introduce various smart phone parts and circuit boards of smart phones.

Consolidated feedback received from the participants

The students are really interested to understand the basics of common hardware errors and various smart phone device circuits they are used.



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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

FACULTY DEVELOPMENT PROGRAMME

A Faculty Development Programme (FDP) is designed to

- enhance the teaching and other skills.
- make them aware about modern teaching tools and methodologies.
- acquire knowledge about current technological developments in relevant fields.
- impart professional practices relevant to technical education.
- achieve competitive teaching and learning environment and
- channelize development with respect to academic qualifications and personal matters.

Name of the Department	Electronics and Communication Engineering
Name of the Head of the DEpartment	Mrs. Manju Bhaskar

Technical Field of proposal

Training program for Workshop on Network Simulation and Design

Title of proposal

Hands on workshop for NS2 - an open-source event-driven simulator designed specifically for computer and communication networks.

Abstract

In the new era, network engineers and researchers are trying to improve the performance, security and the cost of the existing communication network systems. It is not always possible to study the behavior of a large and complicated system by implementing it in real time. A simulation process can be used in such a situation. A network simulator is one such simulation software that imitates the behavior of a network, without an actual network being present. **NS2** is an open-source simulation tool that runs on Linux. It provides substantial support for simulation of routing, multicast protocols and IP protocols, such as UDP, TCP, RTP over wired and wireless (local and satellite) networks.



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Objective

- To provide an insight into the fundamentals of network simulation software to tackle problems in the field of communication and computer networks.
- Provide hands-on approach to faculty where they can learn more than mere basics, share recent developments, new design and ideas in network simulators.

Project Impact -Expected outcome

The workshop will

- Help the participants to understand the basics of network simulation.
- Enable them to simulate the real environment and analyze the situation without disturbing and spending any extra cost on network analysis.
- Empower the academic and research skills of the participants and allow them to use the simulator for scientific and research purpose.

Level of activity (Regional / National / International) and target audience

Regional, Faculty

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
03/12/2016	9.00am-3.30pm	Lecture and Demonstration	M.Tech Lab - Academic Block 1	Requirement: A lab with 19 desktops to accommodate the participants. Projector & screen and laptop with internet connectivity

Eminent personalities expected to participate

Name	Designation	Organization	Activity
SMITHA K.M.	Associate Professor	KMEA Engineering College	Speaker



(Signature)
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Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p articulating	Financial commitment* in Rs.
Nil	Nil	Nil	Nil	Nil	Nil
Total Rs.					

Similar event organized by the Department earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/Govt Agencies, Rs.
Nil	Nil	Nil	Nil	Nil	Nil

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsors hips	Assistance from funding agency.
Stationery	Nil			
Travel, Stay (Resourse Persons)	Nil			
Printing(Brochure,Certificates etc)	Nil			
Refreshment and Food	500/-	Self		
Honorarium/Memento	Nil			
Other(specify each heading)	Nil			
Total	500/-			

Details of Coordinators



(Signature)

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Details of Coordinators

	Coordinator
Name	Smitha K.M.
Exact designation	Associate Professor
Department	Electronics and Communication Engineering
Cell number	9497545701
Email	skm.ec@kmeacollege.ac.in
Signature	


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1,1(60)

KMEA ENGINEERING COLLEGE
Proforma for submission of proposal under the scheme
WAVE CLONING

Name of the Department	ELECTRONICS AND COMMUNICATION
Name of the Head of the Department	Mrs. Manju Bhaskar

Title of proposal:

Wave cloning

Abstract

The program will be conducted by GEE (Guild of Electronics Engineers), the association of ECE Department. The wave cloning is a circuit design and wave form generation competition for the B-Tech students of KMEA Engineering College. For displaying waveforms on CRO, the students will design circuits by using analog and digital components and assemble it into a breadboard. For initial screening of students 25 objective type questions will be giving to the students and out of which 12 batches will be selecting to the final round. In the final round students need to design a circuit and setup it on bread board for displaying a particular waveform on CRO.

Objective

To understand different types of circuits and to develop circuit design skills among students.


Project Impact - Expected outcome

Participants will get the idea of how to design a circuit by using available components.

Level of activity (Regional / National / International) and target audience

Regional, s5 and s7 students from EC, EI, CS and EEE branches.




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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
01/09/2016	10.30 am - 11.30am	Objective Exam	Circuit Lab	Nil
01/09/2016	1.00pm - 4.00pm	Circuit setup on bread board	Circuit Lab	

Budget Estimates

Head of expenditure	Anticipated expenditure
1 st prize	1000
2 nd prize	500
Complementary prize(Books for 10 batches)	1000
Total	1800

Details of Coordinators:

	Coordinator 1
Name	Binish M C
Exact designation	Assistant Professor
Department	ECE
Cell number	9747814484
Email	bmc.ec@kmeacollege.ac.in
Signature	9747814484

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1,1 (113)
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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

FACULTY DEVELOPMENT PROGRAMME

A Faculty Development Programme (FDP) is designed to

- Enhance the teaching and other skills.
- Make them aware about modern teaching tools and methodologies.
- Acquire knowledge about current technological developments in relevant fields.
- Impart professional practices relevant to technical education.
- Achieve competitive teaching and learning environment and
- Channelize development with respect to academic qualifications and personal matters.

Name of the Department	Electronics and Communication Engineering
Name of the Head of the DEpartment	Mrs. Manju Bhaskar

Technical Field of proposal

Training program for to simulate the electronics circuits using the soft-wares which are available for the modern design methodologies like Spice Software

Title of proposal

Hands on workshop for SPICE (Simulation **Program** with Integrated Circuit Emphasis)software - an open source analog electronic circuit simulator

Abstract

Recognize various schematic symbols /model parameters of resistor, capacitor, inductor, energy sources (VCVS, CCVS, Sinusoidal source, pulse, etc), transformer, DIODE, BJT, FET, MOSFET, etc., units & values. Use SPICE Schematic Editor to draw and analyse (DC, AC, Transient) simple analog and digital electronic circuits.



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Objective

The primary objective of this course is to familiarize , how to simulate the electronics/digital circuits, signals and systems using the soft-wares which are available for the modern design methodologies for the rapid design and verification of complex electronic systems.

Add rows as required

Project Impact -Expected outcome

- An ability to apply knowledge of computer, science, and engineering to the analysis of electrical and electronic engineering problems.
- An ability to design systems which include hardware and software components.
- An ability to identify, formulate and solve engineering problems.
- An ability to use modern engineering techniques

New experiments/Demonstration of new technology/other

Level of activity (Regional / National / International) and target audience

Regional, Faculty

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
20/11/2017	8.30am-12.30pm	Lecture and Demonstration	System Lab	

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Abitha Abbas Abini M.A Binish M.C	Assistant Professor	KMEA Engineering College	Speaker

Add rows as required



[Signature]
2

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Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ¹ in collaborating/p participating	Financial commitment ² in Rs.
Nil	Nil	Nil	Nil	Nil	Nil
Total Rs.					

¹ Mention role of industry/organisation.

² Add rows as required.

*Attach copy of letters received from participating industry showing intent , financial commitment etc.

Similar event organized by the Department earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/Govt Agencies, Rs.
Nil	Nil	Nil	Nil	Nil	Nil

Add rows as required.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsors hips	Assistance from funding agency.
Stationery	Nil			
Travel, Stay (Resource Persons)	Nil			
Printing(Brochure,Certificates etc)	Nil			
Refreshment and Food	500/-	Self		
Honorarium/Memento	Nil			
Other(specify each heading)	Nil			
Total	500/-			




Add rows as required.



[Signature]
3

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Details of Coordinators

	Coordinator 1	Coordinator 2	Coordinator 3
Name	Abitha Abbas	Abini M.A	Binish M.C
Exact designation	Assistant Professor	Assistant Professor	Assistant Professor
Department	Electronics and Communication Engineering	Electronics and Communication Engineering	Electronics and Communication Engineering
Cell number	9496119677	9995300934	9747814484
Email	aas.ec@kmeacollege.ac.in	ama.ec@kmeacollege.ac.in	bmc.ec@kmeacollege.ac.in
Signature			

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1, 1 (100)
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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRONICS AND COMMUNICATION
Name of the Head of the Department	Mrs. MANJU BHASKAR

Technical Field of proposal

EMBEDDED SYSTEMS

Title of proposal - Seminar / Symposium / Workshop Title

2 DAY HANDS ON WORKSHOP

Add rows as required

Abstract

Two day workshop on Embedded System for students of final year students. The workshop will include the Theory of Digital Systems and up to the hands on Development in Embedded System. Syllabus: Digital Design fundamentals, Microcontroller, Embedded C, IDEs and Simulators, Interfacing, PCB Designing, Project Using Real Board, Latest Trends in Embedded Systems.

Add rows as required



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Objective and Level of activity (Regional / National / International) and target audience

Regional, KMEA Engineering College Students.

Add rows as required

Project Impact -Expected outcome - academic / social / commercial

Academic: Study of project design, Familiarization of C programming and hardware design.

Programme details

Date	Time	Activity	Venue	infrastructural requirements and availability
11.08.2017-12.08.2017	Full day	workshop	Systems Lab	

Eminent personalities expected to participate

Name	Designation	Organization	Activity




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Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	7500 x 2			
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total	15000			

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	BINISH M C	
Exact designation	ASSISTANT PROFESSOR	
Department	ELECTRONICS AND COMMUNICATION	
Cell number	9747814484	
Email	bmc.ec@kmeacollege.ac.in	
Signature		

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TWO DAYS WORKSHOP ON SOFTWARE DEFINED RADIO(SDR)

Name of the Department	ELECTRONICS AND COMMUNICATION
Name of the Head of the Department	Mrs. Manju Bhaskar

Title of proposal:

Software Defined Radio-trends and challenges

Abstract

A Software Defined Radio (SDR) is a radio which can tune to any frequency band, transmit and receive different modulations and different physical parameters across a large frequency spectrum by using a programmable hardware and powerful software. An SDR performs significant amounts of signal processing in a general purpose computer, or a reconfigurable piece of digital electronics or the combination of both.

Objective

Identify research opportunities in SDR technology, applications and services.

Project Impact -Expected outcome

Participants are able to build an end to end solution including the software and hardware side of SDR. They can do research in SDR without much hardware with sophisticated and flexible software using GNU radio or MATLAB simulink and design their own interfacing module for transmission. It is also expected to have knowledge exchange throughout the session by which empowerment of faculty in the area of Communication theory.

Level of activity (Regional / National / International) and target audience

Regional, Faculty and post graduate students of ECE Department.




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Programme details

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April 28 & 29

Date	Activity	Venue	Infrastructural requirements and availability
Day 1 28/4/17			
Inaugural Session	9.00 am - 9.30 am	Inauguration of the workshop	Conference Hall
SDR	9.45 am - 12.30 am	Theory	CCF 2 Lab - Academic Block 1
<ul style="list-style-type: none"> Introduction to Software defined Radio and current developments. Design and implementation of the interfacing hardware issues : 			<p>Requirement: A lab with 30 - 35 desktops to accommodate the participants. Audio systems, projector & screen and laptop with Internet connectivity</p> <p>Available: All the above mentioned requirements are available in the college</p>
<ul style="list-style-type: none"> Basics of MATLAB Simulink/GNU radio, Programming of SDR using the software(Tx and Rx only) 	1.30 pm - 3.30 pm	Theory	
Interaction Session	3.45 pm - 4.15 pm	Tutorial	
Day 2 29/4			
<ul style="list-style-type: none"> design of interfacing hardware. Demo of mixer circuit. 	9.30 am - 12.30 pm	Practical	CCF 2 Lab - Academic Block 1
<ul style="list-style-type: none"> Implementation of software defined radio on a pre-designed hardware 	1.15 am - 3.45pm	Practical	CCF 2 Lab - Academic Block 1
Valedictory Session	3.45 pm - 4.15pm	Concluding session of the FDP	Conference Hall



[Signature]

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Eminent personalities expected to participate

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Name	Designation	Organization	Activity
Dr.T.K. MANI	Principal	KMEA Engineering College, Aluva	
Dr. K.P. Soman	Head and professor at Amrita Center for Computational Engineering and Networking(CEN)	Amrita Vishwa Vidyapeetham, Coimbatore	

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council
Remuneration to speakers	25000			
Stationery, printing, Pre-event expenditure etc.	3000			
Travel, Stay and DA	6000			
Refreshment and Food	3000			
Other	1500			
Total	38500			

Details of Coordinators:

	Coordinator 1	Coordinator 2
Name	Sajini T.	Divya Vijayan Nair
Exact designation	Assistant Professor	Assistant professor
Department	ECE	ECE
Cell number	9496225105	9495465242
Email	sjt.ec@kmeacollege.ac.in	dvn.ec@kmeacollege.ac.in
Signature		

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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	COMMUNICATION- ELECTRONICS AND INSTRUMENTATION
Name of the Head of the Department	Manju Bhaskar

Technical Field of proposal

Seminar for M.Tech students

Title of proposal - Seminar / Symposium / Workshop Title

EMI/EMC

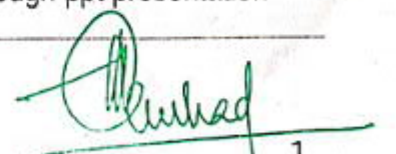
Abstract

The primary concern with the design of electronic systems is that they will comply with the legal requirements imposed by governmental agencies. Designing for EMC is not only important for the desired functional performance, the device must also meet legal requirements in virtually all countries of the world before it can be sold. Designing an electronic product to perform a new and exciting function is a waste of effort if it cannot be placed on the market. Growth in the use of personal communication systems such as mobile phones, laptops and the very large user base for network systems such as internet have further increased the possibility of EMI leading to malfunctions. So EMI is the most critical issue presently facing the electro technical community worldwide. The electromagnetic emissions has the ability to cause interference in electrical and electronic devices. So Electronic product design Engineer must have the objective of EMI/EMC design criteria for the entire design process

Objective and Level of activity (Regional / National / International) and target audience

To get an idea about EMI/EMC which is essential for electronic product design through ppt presentation




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M.Tech students in Communication Engineering

Project Impact -Expected outcome - academic / social / commercial

To get a basic idea about EMI/EMC

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
23/02/17 24	9 am -11 am	Power Point Presentation	S1 M.Tech class room	Laptop,Projector,Class room

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Smitha K.M.	Associate professor	KMEA Engineering College,Aluva	


Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.-NA

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p articpating	Financial commitment [#] in Rs.
Total Rs.					

Similar event organized by the Institute earlier, if any.NA

Title of the activity	Subject	Date from- to	Level	Name of by external bodyinvolved , if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

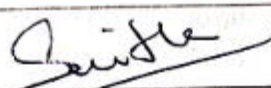



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Budget Estimates -NA

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total				

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Smitha K.M.	
Exact designation	Associate professor	
Department	ECE	
Cell number	9497545701	
Email	skm.ec@kmeacollege.ac.in	
Signature		

HOD


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Proforma for submission of proposal under the scheme

WAVE CLONING

Name of the Department	ELECTRONICS AND COMMUNICATION
Name of the Head of the Department	Mrs. Manju Bhaskar

Title of proposal:

Wave cloning

Abstract

The program will be conducted by GEE (Guild of Electronics Engineers), the association of ECE Department. The wave cloning is a circuit design and wave form generation competition for the B-Tech students of KMEA Engineering College. For displaying waveforms on CRO, the students will design circuits by using analog and digital components and assemble it into a breadboard. For initial screening of students 25 objective type questions will be giving to the students and out of which 12 batches will be selecting to the final round. In the final round students need to design a circuit and setup it on bread board for displaying a particular waveform on CRO.

Objective

To understand different types of circuits and to develop circuit design skills among students.


Project Impact – Expected outcome

Participants will get the idea of how to design a circuit by using available components.

Level of activity (Regional / National / International) and target audience

Regional- s4,s6 and s8students from EC, EL and EEE branches.




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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
20/03/2017	10.30 am – 11.30am	Objective Exam	Circuit Lab	Nil
20/03/2017	1.00pm – 4.00pm	Circuit setup on bread board	Circuit Lab	

Budget Estimates

Head of expenditure	Anticipated expenditure
1 st prize	1000
2 nd prize	500
Complementary prize(Books for 10 batches)	1000
Total	1800

Details of Coordinators:

	Coordinator 1
Name	Binish M C
Exact designation	Assistant Professor
Department	ECE
Cell number	9747814484
Email	bmc.ec@kmeacollege.ac.in
Signature	9747814484

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Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	30/11/2016	Program Coordinators name and contact details:	Smitha K M - 9497545701
Name of Event: Hands on workshop for NS2 Organized by: ELECTRONICS AND COMMUNICATION DEPARTMENT OF KMEA ENGINEERING COLLEGE Sponsored by: NIL			

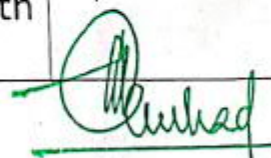
1) Objective of the event

- To provide an insight into the fundamentals of network simulation software to tackle problems in the field of communication and computer networks.
- Provide hands-on approach to faculty where they can learn more than mere basics, share recent developments, new design and ideas in network simulators.

2) Write a brief overview of the following sessions in min 8 sentences each

Date	Time	Activity	Venue	Infrastructural requirements and availability	Resource person
30/11/16	9.00am - 3.30pm	Lecture and Demonstration	M.Tech Lab - Academic Block 1	Requirement: A lab with 19 desktops to accommodate the participants. Projector & screen and laptop with internet	Smitha K.M.




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3) Consolidated feedback received from the participants

Very informative, very well presented

4) Conclusion and Outcome

Every participants got idea about Ns2.

5) Recommendations or Suggestions, if any, for future events.

We want to organize workshops with more concepts in NS2 which will connect the ideas from this basic course to practical level.

Other attachments (in Original)

6) List of Participants (Name, Designation, Dept., Organization, Signature) ✓

7) Attendance Sheet ✓

8) Program Schedule ✓

9) Expenditure Statement and Balance Sheet NA

10) Proceedings or Course Materials or Manuals prepared for the event (1 No.) NA

11) Brochures and Flyers, designed for the event (1 No.) NA


Program Coordinators

Name: SMITHA K M

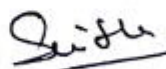
Signature: 

TEP Cell Dept. Coordinators


1. Name: Ansiya Eshack

Signature: 

2. Name: Smitha K. M.

Signature: 




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Name

Signature

Hands on Workshop for

NS-230/11/2016

1. Sajini T. Jahru
2. Divya Vijayan Piya
3. Nisha.K.J Nkr.
4. Mohammed Ismail.H lllbui
5. Rosely .A Rosely
6. Sittara R
7. Sumaya Ansar Sittara
8. Saida Manikas Saida
9. Babitha. m.s Babitha
10. Bilga Jacob Bilga
11. ABITHA ABDA ABITHA
12. SHEFEENA P.S. SHEFEENA
13. Bushana. A.R Bushana
14. Binish M.C Binish
15. Bisly Bismi Das. C Bisly



Principal

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Name of the Department	BASIC SCIENCE AND HUMANITIES
Name of the Head of the Department	NABEEMA.V.A

Technical Field of proposal

Green Energy

✓
Title of proposal - Seminar / Symposium / Workshop Title

Abstract

Solar photovoltaic Systems.
Installation and maintenance.

✓
Objective and Level of activity (Regional / National / International) and target audience

Faculty.

[Signature]
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Project Impact - Expected outcome - academic / social / commercial

1. Learn ^{different} solar photo voltaic Systems
2. Participants are expected to get the ability to install solar power systems ~~and its maintenance.~~
3. Participants are able to do its maintenance.

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availa
27/11/2017	9-12:30	Seminar	Conference Hall	Projector

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Dr. Benny Joseph	Professor	KMEA Engg. College.	Seminar.

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any. Nil.

Name	Address	Website	Contact person , designation, email	Role ^a in collaborating/p articpating	Financial commitment ^a in Rs.
Total Rs.					


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Similar event organized by the Institute earlier, if any. *Nil.*

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	—			
Stationery, printing,	—			
Travel, Stay and DA	—			
Other(pls write each heading in each row)				
Total				

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Birka T. Rajendran.	
Exact designation	Asst. Professor	
Department	BS & H.	
Cell number	9447912028	
Email	bts.mt@kmeacollege.ac.in	
Signature		

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[Signature]
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Name of the Department	DEPARTMENT OF MECHANICAL ENGINEERING
Name of the Head of the Department	Dr. Bijesh Paul

Technical Field of proposal
Mechanical, Electrical and Plumbing (MEP)

Title of proposal - Seminar
Scope and Career in MEP Engineering

Add rows as required

Abstract

Mechanical, electrical, and plumbing (MEP) refers to these aspects of building design and construction. In commercial buildings these aspects are often designed by an engineering firm specializing in MEP. MEP design is important for design decision-making, accurate documentation, performance and cost-estimation, construction planning, managing and operating the resulting facility. Mechanical, electrical, plumbing and related systems (MEP systems) have become one of the bigger contributors to the building construction costs. They are also heavy contributors of the energy consumption in buildings, as well as their operation and maintenance costs. This has led to a general recognition of the importance of MEP systems in today's construction industry.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

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Objectives: Awareness for students in

- Career opportunities in MEP Engineering
- Scope, role and responsibilities of MEP Engineer
- Brief introduction to the courses available in the field of MEP

Level of activity: regional

Target Audience: S7 students of Mechanical Engineering Department

Add rows as required

Project Impact -Expected outcome - academic / social / commercial

Academic: Better understanding for the students about the field which can aid to streamline their career outlook.

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
19/08/2017	01:30-04:10	LECTURE AND DEMONSTRATION	CONFERENCE HALL, PSTA	Seating capacity of 90 nos., projector.

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Mr. Fahad C.A	Design Engineer	IMPULSE Engineering Institute	LECTURE/ Demonstration

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment ^a in Rs.
NIL	-	-	-	-	-
Total Rs.					0/-

^aMention role of Industry/organisation.

Add rows as required.

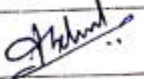
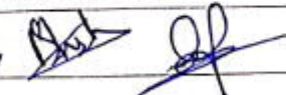
^aAttach copy of letter/s received from participating industry showing intent / financial commitment etc.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	Nil	Nil
Stationery, printing,	Nil	Nil	Nil	Nil
Travel, Stay and DA	Nil	Nil	Nil	Nil
Other (pls write each heading in each row)				
Total				0

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Abdul Nazer K. H	Mohammed Yasir C.A
Exact designation	Asst. Professor	Asst. Professor
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9496826794	9846590543
Email	ank.me@kmeacollege.ac.in	myr.me@kmeacollege.ac.in
Signature		For, 

HOD

20/7/17

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Name of the Department	DEPARTMENT OF MECHANICAL ENGINEERING
Name of the Head of the Department	Dr. Bijesh Paul

Technical Field of proposal
Quality Assurance and Quality Control (QA/QC)

Title of proposal - Seminar
Scope and Career in QA/QC

Add rows as required

Abstract

Quality Assurance developed from the realisation that quality could be improved by looking 'further up the line'. It is aimed at preventing nonconformities/defects. QC This is the most basic level of quality. It started with activities whose purpose is to control the quality of products or services by finding problems and defects. The Certification Program covers wide range of topics and are not limited to Quality Control Only. This Course is crafted to meet the guidelines & standards of ASME, API, ASNT, ASQ, AWS, BS and ISO. BQC is a Higher Competent, Exclusive Accredited Certification Program for Fresh Engineers towards the above said Senior Quality Related Professions as an Internationally Accredited Certification.

Add rows as required


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Objective and Level of activity (Regional / National / International) and target audience

Objectives: Awareness for students in

- Career opportunities in QA/QC
- Scope, role and responsibilities of QA/QC
- Brief introduction to the courses available in the field of QA/QC

Level of activity: regional

Target Audience: S7 students of Mechanical Engineering Department

Project Impact - Expected outcome - academic / social / commercial

Add rows as required

Academic: Better understanding for the students about the field which can aid to streamline their career outlook.

Programme details

Add rows as required

Date	Time	Activity	Venue	Infrastructural requirements and availability
19/08/2017	09:30- 04:10 12-30	LECTURE AND DEMONSTRATION	CONFERENCE HALL, PSTA	Seating capacity of 100 nos., projector.

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Mr. Shahz	Managing Director	Blitz Academy	LECTURE/ Demonstration

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment* in Rs.
NIL	-	-	-	-	-
Total Rs.					0/-

*Mention role of industry/organisation.

Add rows as required..

*Attach copy of letters received from participating industry showing intent /financial commitment etc.


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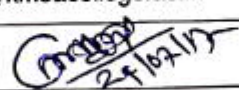


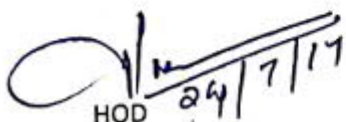
Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	Nil	Nil
Stationery, printing,	Nil	Nil	Nil	Nil
Travel, Stay and DA	Nil	Nil	Nil	Nil
Other(pls write each heading in each row)				
Total				

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Abdul Jaleel KT	Premkrishnan
Exact designation	Asst. Professor	Asst. Professor
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9447412841	9745069698
Email	jal.me@kmeacollege.ac.in	pmk.me@kmeacollege.ac.in
Signature		


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KMEA ENGINEERING COLLEGE
Proforma for submission of proposal under the scheme
SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRICAL & ELECTRONICS ENGINEERING
Name of the Head of the Department	Dr. Reena Sebastian

Technical Field of proposal

Basic Electrical Concepts, Electrical machines, Counseling and Motivation, Technical aspects of CIAL terminal

Title of proposal - Seminar / Symposium / Workshop Title

TWO DAY WORKSHOP ON BASIC ELECTRICAL ENGG. AND ELECTRICAL MACHINES:Electrical engineering is at the forefront of developing new technologies for a number of industries including transport, health care, construction, and robotics. Also Electrical Machines are an integral part of all industries. A clear knowledge about the subject will be provided by the workshop

COUNSELING AND MOTIVATION PROGRAMME:

Counseling and motivation programme is intended to improve the attitude of students towards study. It also helps the students to face their profession with courage.

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TALK ON TECHNICAL ASPECTS OF CIAL

Cochin International Airport is the first green field airport in the country built with public-private partnership. Planned and constructed from scratch, the airport has been acclaimed for setting a novel idea in infrastructure development.

Abstract

TWO DAY WORKSHOP ON BASIC ELECTRICAL ENGG. AND ELECTRICAL MACHINES – Students are taught how to maintain and repair electrical appliances and electrical machines. Also they are taught how to connect electrical circuits and repairing minor or major faults in the circuits and motor rewinding both theoretically and practically.

COUNSELLING AND MOTIVATION PROGRAM - The present generation students have a plethora of career options and they must channelize their efforts to make an excellent career choice that suits their talent and aptitude. This program brings students to proper channel for achieving a better career.

TALK ON TECHNICAL ASPECTS OF CIAL:

The talk covers the technical aspects of the International and domestic terminals of Cochin International Airport Limited. CIAL has three terminals. With the commissioning of Terminal 3, Cochin Airport became India's 4th largest airport after Delhi, Mumbai and Kolkata with total built up area of 2 Million sqft space for commercial operations.

Objective and Level of activity (Regional / National / International) and target audience

TWO DAY WORKSHOP ON BASIC ELECTRICAL ENGG. AND ELECTRICAL MACHINES – To develop practical knowledge in basic electrical concepts and about electrical machines.

COUNSELLING AND MOTIVATION PROGRAM – To bring the students to proper channel for achieving a better career.

TALK ON TECHNICAL ASPECTS OF CIAL – To make the students aware of the applications of engineering skills in various industrial and public sector fields.

Add rows as required


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Project Impact -Expected outcome - academic / social / commercial

TWO DAY WORKSHOP ON BASIC ELECTRICAL ENGG. AND ELECTRICAL MACHINES - Expected to get the basic concepts of electrical engineering and electrical machines by which the students can improve their technical knowhow.

COUNSELLING AND MOTIVATION PROGRAM – Expected to make the students properly alligned for studies and other academic activities.

TALK ON TECHNICAL ASPECTS OF CIAL – Expected to give the students an exposure to the applications of engineering skills in various fields.

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
✓ TWO DAY WORKSHOP ON BASIC ELECTRICAL ENGG. AND ELECTRICAL MACHINES (10-8-2017,11-8-2017)	9AM - 4PM	DEMONSTRATION & HANDS ON TRAINING	ELECTRICAL MACHINE S LAB	ELECTRICAL MACHINES LAB
✓ COUNSELLING AND MOTIVATION PROGRAM (19-8-2017,)	10.00AM – 12.30 P M	TALK	CONFERENCE HALL	
✓ TALK ON TECHNICAL ASPECTS OF CIAL (26-8-2017)	9AM – 12 NOON	TALK	CONFERENCE HALL	


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Eminent personalities expected to participate

Name	Designation	Organization	Activity
Mr. GIBY CHACKO	Project Engineer	ARVIN Technologies, Kochi	Talk and demonstration
Dr. VIJI RAMAKRISHNAN	Counsellor and Motivational speaker	Mar Athanasius College Association	Talk
Mr. A.C.K NAIR	Director, CIAL	CIAL	Talk

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/ participating	Financial commitment* in Rs.
Total Rs.					

^sMention role of Industry/organisation.

Add rows as required..

*Attach copy of letters received from participating industry showing intent / financial commitment etc.

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOV T Agencies Rs.

Add rows as required.


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Budget Estimates (TWO DAY WORKSHOP ON BASIC ELECTRICAL ENGG. AND ELECTRICAL MACHINES)

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)	1000/-			
Total	1000/-			

Budget Estimates (COUNSELLING AND MOTIVATION PROGRAM)

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	2500/-			
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)	1000/-			
Total	1000/-			





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Budget Estimates (TALK ON TECHNICAL ASPECTS OF CIAL:)

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing, Travel, Stay and DA				
Other(pls write each heading in each row)	2000/-			
Total	2000/-			

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Ms. Ferny P. H.	Ms. Asha M. A.
Exact designation	Associate Professor N.C.	Assistant Professor
Department	EEE	EEE
Cell number	9496804382	9747701531
Email	fph.ee@kmeacollege.ac.in	ash.ee@kmeacollege.ac.in
Signature		

for 
HOD 16.7.17

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DIRECTOR



KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme
SEMINAR

The Scheme intends to promote high standards In Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Civil Engineering
Name of the Head of the Department	Mrs. Bindu Sebastian

Technical Field of proposal

Civil Engineering

Title of proposal - Seminar / Symposium / Workshop Title

Seminar competition on Sustainable developments in Civil Engineering

Abstract

This program focuses on the importance of sustainable, eco-friendly methods in construction industry.

Objective and Level of activity (Regional / National / International) and target audience

Regional -Target Audience : 100 nos (students of our college)

Project Impact -Expected outcome - academic / social / commercial

Participants will be aware of sustainable, eco-friendly methods adopted in construction . This will also help the participants to get an idea about the utilisation of energy and cost effective construction.


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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
07.10.2017	9.30am-12.30pm	Competition	Conference Hall	Conference Hall

Eminent personalities expected to participate

Name	Designation	Organization	Activity
			Speaker

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p participating	Financial commitment* in Rs.
Total Rs.					

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
Intercollege Quiz competition- Asthra	Recent trends in civil engineering	15/10/2016	Regional	nil	nil


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 EDATHALA-683561



Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,	6000			
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total	6000			

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Soni Syed <i>Soniged</i>	Rinsa C Jaleel <i>Rinsa</i>
Exact designation	Asst.Professeor	Asst.Professeor
Department	Civil Engineering	Civil Engineering
Cell number	9539243730	
Email	ssd.ce@kmeacollege.ac.in	rin.ce@kmeacollege.ac.in
Signature	<i>Soniged</i>	<i>Rinsa</i>

Bridha
HOD

Principal
PRINCIPAL

Director
DIRECTOR

PRINCIPAL
KMEA ENGINEERING COLLEGE
EDATHALA-683561



1,1 (110) 147

KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

FACULTY DEVELOPMENT PROGRAMME

A Faculty Development Programme (FDP) is designed to

- enhance the teaching and other skills.
- make them aware about modern teaching tools and methodologies.
- acquire knowledge about current technological developments in relevant fields.
- impart professional practices relevant to technical education.
- achieve competitive teaching and learning environment and
- channelize development with respect to academic qualifications and personal matters.

Name of the Department	Civil Engineering
Name of the Head of the Department	Mrs. Bindu Sebastian

Technical Field of proposal
Structural engineering

Title of proposal
One day workshop on recent software

Abstract

This will help the participants to get an idea about the computerized structural analysis . The session also covers the advanced method of structural design.

Objective

The program discusses the problems occurring in soil during construction and how it affects the structural stability. The session also focuses the precautions to be taken during construction for various types of soils. The program also focuses on sand piling applicable construction industry

Project Impact -Expected outcome

Participants will be aware of the computerized structural analysis . The session also covers the advanced method of structural design.

Level of activity (Regional / National / International) and target audience

Level of activity : Regional

Target audience : For teachers of our College and neighboring colleges (30 nos)

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
23/09/2017	9.30-3.30	workshop	CADD LAB	CADD LAB

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Add rows as required



Eminent personalities expected to participate

Name	Designation	Organization	Activity

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any. NIL

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment ⁿ in Rs.
Total Rs.					

Similar event organized by the Department earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/Govt Agencies, Rs.
NIL					

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent / organisation	External Sponsors hips	Assistance from funding agency.
Stationery	1000			
Travel, Stay (Resourse Persons)	1500			
Printing(Brochure,Certificates etc)				
Refreshment and Food	5000			
Honorarium/Memento	10000			
Other(specify each heading)				
Total	17500			

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Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Soni Syed <i>Soni Syed</i>	Rinsa C Jaleel <i>Rinsa</i>
Exact designation	Asst.Professeor	Asst.Professeor
Department	Civil Engineering	Civil Engineering
Cell number	9400839021	8129372322
Email	ssd.ce@kmeacollege.ac.in	rin.ce@kmeacollege.ac.in
Signature	<i>Soni Syed</i>	<i>Rinsa</i>

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PRINCIPAL
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[Signature]
DIRECTOR



111 (105)
150

KMEA ENGINEERING COLLEGE WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Computer Science and Engineering
Name of the Head of the Department	Dr. Rekha Lakshmanan

Technical Field of proposal : Web Desining

Title of proposal - Workshop Title:- Student Workshop on Web Desining

Abstract

Web-page designing is a newly-developing cross-subject which extends from art and computer technology. In web development students learn to apply complex codes to the designed website; thereby allowing complex tasks like data processing, analysis and content management to take place. This is done using languages like PHP, ASP, JSP, Perl, Python or Ruby. PHP being open-source is the preferred choice for most web developers. MySQL databases are used in conjunction with PHP coding.

Objective and Level of activity (Regional / National / International) and target audience

The Objective of the web designing workshop is to reduce manual updates to webpages, get user input, and connect to a database of products or other information.

Level of activity (Regional / National / International) and target audience
College, Students from various semester of various department

Project Impact -Expected outcome - academic / social / commercial

Through the course, students are introduced to planning and designing effective web pages; implementing web pages by writing HTML and CSS code; enhancing web pages with the use of page layout techniques, text formatting, graphics, images, and multimedia; and producing a functional, multi-page website.



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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
19/8/2017	9am - 4pm	Lecture by / Demonstration / Industry visit / Poster presentation/ other		Lab with 50 systems

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Ms. Shameema Ummer M T			Keynote address / Chairing sessions / Speaker / Advisors - Reviewers / Sponsor

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment* in Rs.
Nil					
Total Rs.					

Similar event organized by the Institute earlier, if any.

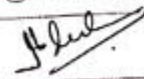

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
On Workshop Android	Android Application	21/9/16 - 22/9/16	college	Nil	

Application Development	Development				
-------------------------	-------------	--	--	--	--

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total	Nil			

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Selin M	Maria Joy
Exact designation	Associate Professor	Assistant Professor
Department	CSE	CSE
Cell number		9497278540
Email	Smm.cs@kmeacollege.ac.in	Mjy.cs2kmeacollege.ac.in
Signature		

HOD


 PRINCIPAL/DIRECTOR

PRINCIPAL
 KMEA ENGINEERING COLLEGE
 EDATHALA-683561



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KMEA ENGINEERING COLLEGE WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Computer Science and Engineering
Name of the Head of the Department	Dr. Rekha Lakshmanan

Technical Field of proposal : - Latex Documentation

Title of proposal - Workshop Title :- Workshop on using Latex Documentation

Abstract

Latex is a high-quality typesetting system; it includes features designed for the production of technical and scientific documentation. Latex is the standard for the communication and publication of scientific documents. Latex is available as free software. Latex is essentially a markup language. Content is written in plain text and can be annotated with various 'commands' that describe how certain elements should be displayed. The Latex interpreter reads in a Latex marked-up file, renders the content into a document and dumps it a new file.

Objective

1. The Objective of the workshop is creating a simple document and Latex is just better for math typesetting.
2. The overall layout tools available for Latex are vastly superior to Words, and much more amenable to templates, standard code, etc. You could write a script to automatically put in all the perambulatory info for a Latex document. Doing that in Word would be hard.

Level of activity (Regional / National / International) and target audience
College, Students from various semester of various department

Project Impact -Expected outcome - academic / social / commercial

By attending the workshop it is easy to document a file especially in research works. This workshop is also useful for students to write their project documentation in a simple manner.


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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
16/9/2017	9am – 4pm	Demonstration		Lab with 50 systems

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Ms. Shameema Ummer M T			Keynote address / Chairing sessions Speaker / Advisors / Reviewers Sponsor

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment ^a in Rs.
Nil					
Total Rs.					

Similar event organized by the Institute earlier, if any.

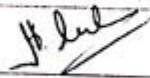

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
On Workshop Android Application Development	Android Application Development	21/9/16 – 22/9/16	college	Nil	




Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing				
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total	Nil			

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Selin M	Maria Joy
Exact designation	Associate Professor	Assistant Professor
Department	CSE	CSE
Cell number		9497278540
Email	Snm.cs@kmeacollege.ac.in	Mjy.cs@kmeacollege.ac.in
Signature		

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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRONICS AND INSTRUMENTATION
Name of the Head of the Department	SHEEJA.D.S

Technical Field of proposal

Workshop on MATLAB

Title of proposal - Seminar / Symposium / Workshop Title

Workshop on MATLAB

Abstract

To give S₃EIE students a hands on experience in MATLAB.

Objective and Level of activity (Regional / National / International) and target audience

Regional , S₃EIE

Project Impact -Expected outcome - academic / social / commercial

S₃EIE students will get an idea about MATLAB-


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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
25-8-17	AN	workshop	SS lab -EIE	Projector, PCs with MATLAB

Eminent personalities expected to participate

Name	Designation	Organization	Activity
-	-	-	-

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role* in collaborating/p participating	Financial commitment* in Rs.
-	-	-	-	-	-
Total Rs.					

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to	Level	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
workshop on PLC, SCA DA		14-3-16 to 16-3-16		Indwell automation	


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Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				/
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total	—	—	—	—

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Shaula-C.K	Manjusha-T.S
Exact designation	ASSISTANT PROFESSOR	ASSISTANT PROFESSOR
Department	EIE	EIE
Cell number		
Email	sck.ei@kmeacollege.ac.in	mts.ei@kmeacollege.ac.in
Signature		

HOD

PRINCIPAL

DIRECTOR


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1,1 (108) 159

KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRONICS AND INSTRUMENTATION
Name of the Head of the Department	SHEEJA.D.S

Technical Field of proposal

Industrial visit - one day training program for S5 EIE at Unigrant College of Oil and Gas technology.

Title of proposal - Seminar / Symposium / Workshop Title

One day training program for S5 EIE at Unigrant College of Oil and Gas technology.

Abstract


Students of S5 EIE will be taken to the institute, for one day training on Calibration, automation etc.

Objective and Level of activity (Regional / National / International) and target audience

S5 EIE

Project Impact -Expected outcome - academic / social / commercial

Students will get an overall idea about Calibration, automation etc


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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
26-8-17		Industrial visit	Unigrant College of oil & gas technology	College bus.

Eminent personalities expected to participate

Name	Designation	Organization	Activity
—	—	—	—

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role* in collaborating/p articulating	Financial commitment* in Rs.
—	—	—	—	—	—
Total Rs.					

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to	Level	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
Industrial visit	Unigrant college	August 2016			




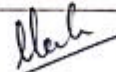
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Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)	—	—	—	—
Total				

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Jasna K. Azeez	Heelin Rose Sebastiani
Exact designation	ASSISTANT PROFESSOR	ASSISTANT PROFESSOR
Department	EIE	EIE
Cell number		
Email	jka.ei@kmeacollege.ac.in	mrs.ei@kmeacollege.ac.in
Signature		


HOD


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111 (118)
1021
162

POSTER PRESENTATION
"INNOVATIONS IN CIVIL ENGINEERING"
ORGANIZED BY TEP CELL-DEPARTMENT OF CIVIL
ENGINEERING

The TEP cell of Civil Engineering department is organizing a poster presentation on **"INNOVATIONS IN CIVIL ENGINEERING"** on 5th April 2018 for S6 and S4 Civil Engineering students. So all the students are requested to participate in the program. The best poster will be awarded cash prize.

GUIDELINES FOR POSTER PRESENTATION

1. The posters should be relevant to the given topic.
2. The posters should be self-explanatory.
3. Maximum members in each group is restricted to four.
4. Photographs and fonts in the posters should be clearly visible.
5. Photographs in the poster should be in colour.
6. The ideas should be presented in a single poster of size A0.

Sam Syed, Lina
TEP CELL COORDINATORS

Mr. Thad
HOD

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PRINCIPAL

Prin
PRINCIPAL

For more details contact
Rinsa C Jaleel
Nusly K Noohu

KMEA ENGINEERING COLLEGE
EDATHALA-683561



KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Civil Engineering
Name of the Head of the Department	Mrs. Sunitha Rani

Technical Field of proposal

Civil Engineering

Title of proposal - Seminar / Symposium / Workshop Title

1. Workshop on 3D Visualization.
2. Workshop on CADD Softwares
3. Poster presentation- 3R's

Abstract

This program focuses on the importance of drafting and drawing in civil engg.

Concept of sustainable, eco-friendly methods in civil Engg.

Objective and Level of activity (Regional / National / International) and target audience

Regional -Target Audience : 100 nos (students of our college)

Project Impact -Expected outcome - academic / social / commercial


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This program focuses on the importance of drafting and drawing in civil engg. Also participants will be aware of sustainable, eco-friendly methods adopted in construction. This will also help the participants to get an idea about the utilisation of energy and cost effective construction.

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
08.02.2018	1.45pm-3.45pm	Workshop	CADD LAB	CADD LAB
17.02.2018	10.00a m to 12.30pm	Workshop	CADD LAB	CADD LAB
28.03.2018	1.45pm to 3.45 pm	Poster Presentation	Drawing Hall	Boards

Eminent personalities expected to participate

Name	Designation	Organization	Activity
			Speaker

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p articulating	Financial commitment* in Rs.
Total Rs.					

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
Intercollege Quiz competition- Asthra	Recent trends in civil engineering	15/10/2016	Regional	nil	nil

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Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,	6000			
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total	6000			

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Soni Syed	Rinsa C Jaleel
Exact designation	Asst.Professeor	Asst.Professeor
Department	Civil Engineering	Civil Engineering
Cell number	9539243730	9447726219
Email	ssd.ce@kmeacollege.ac.in	rin.ce@kmeacollege.ac.in
Signature		

HOD
Sunitha

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KMEA ENGINEERING COLLEGE
EDATHALA-683561

DIRECTOR



KMEA ENGINEERING COLLEGE

Kuzhivelipady, Edathala P. O, Kochi- 683561

Form No. KEC/OA/F007-00

Internal Office Note

From	Soni Syed	To	The principal
Through	The HOD	Date	4/4/2018
Subject	Cash Prize for TEP cell competition		

TEP cell of Civil Department is conducting a poster presentation competition on 5/4/2018. Please sanction us an amount of Rs 2500/- to give cash prize to the winner.

Soni Syed

Cash prize - 2000/-

Certificate - 500/-

2500/-

[Signature]

5/4/18
[Signature]
Sunitha

Forwarded by	Recommendation to	Signature
Bridges TEP cell co-ordinator	The Principal	Bridges

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poster 167

EVALUATION SHEET

Group No.	Clarity of poster (10)	Explanation (10)	Topic Relevance (5)	Total (25)
1	5	5	4	14
2	4	4	4	12
3	5	4	3.5	13 1/2
4	4	5	4	13

11
24

26

30 1/2

25


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Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	9/05/16 and 10/05/16	Program Coordinators name and contact details:	Smitha K M - 9497545701 Bushara A R - 9745413913
Name of Event: TWO DAYS WORKSHOP ON INTERNET OF THINGS(IoT)			
Organized by: ELECTRONICS AND COMMUNICATION DEPARTMENT OF KMEA ENGINEERING COLLEGE			
Sponsored by: NIL			

1) Objective of the event

Identify research opportunities in IoT technology, applications and services.

2) Write a brief overview of the following sessions in min 8 sentences each

- Inaugural Session on 9/5/16 at 10.00-10.30 am by Principal Dr.T.K Mani.

Date	Activity	speakers
09/05/16 9.45 am - 12.30 am	<u>PHP & MYSQL</u> <ul style="list-style-type: none">➤ Basics of HTML➤ Basics of CSS➤ PHP Programming• Variables• Data types• Programming Constructs• Basics of Form Handling	Mr. Mohan Kumar (Grey Technolabs) Miss. Ima(Grey Technolabs)
09/05/16 1.30 pm - 3.30 pm	<ul style="list-style-type: none">• Core JAVA• Basics of Java• Basics of Net beans	
10/05/16 9.00 am - 12.30 am	<ul style="list-style-type: none">• Object Orientation - Overview• Java Programming• PHP Designing	Mr. Mohan Kumar (Grey Technolabs) Ima(Grey Technolabs)

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10 /05/16 1.30 pm - 3.30 pm	<ul style="list-style-type: none"> • DB Programming with Java • IOT (Internet of Things)- Concepts: Seminar • Introduction Tools and Technologies 	Mr. Shahim Backer (Grey Technolabs)
--------------------------------	--	--

3) Consolidated feedback received from the participants

Very informative, very well presented

4) Conclusion and Outcome

Every participants got idea about Internet of Things, HTML, SQL, PHP, JAVA

5) Recommendations or Suggestions, if any, for future events

We want to organize workshops with more concepts in IoT which will connect the ideas from this basic course to practical level

Other attachments (in Original)

6) List of Participants (Name, Designation, Dept., Organization, Signature)

7) Attendance Sheet

8) Program Schedule

9) Expenditure Statement and Balance Sheet

10) Proceedings or Course Materials or Manuals prepared for the event (1 No.)

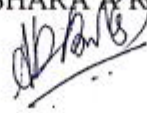
11) Brochures and Flyers, designed for the event (1 No.)

Program Coordinators

Name: SMITHA K M

BUSHARA A R

Signature:

TEP Cell Dept. Coordinators

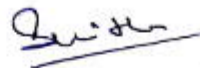
1. Name: ANSIYA ESHACK


2. Name: SMITHA.K.M

Signature:



Signature:




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EDATHALA-683561



HOD

Name: Manju Bhaskar

Signature:



KMEA Engineering College
Department : Electronics and Communication Engineering
Registration Form

WORKSHOP : Programme: Internet Of Things

Sl.No	Name	Sign
1	Sameera.AA.	
2	Rosely. A	
3	Mahendra K.S	
4	Prasanna R.	
5	Smitha. K.M	
6	Bushara. A.R	
7	Ranjan. K.V	
8	Rishma Chitharanjan	
9	Shahina P. S	
10	Jishamol T.R.	
11	Afsal	
12	Vishnu.P	
13	Syam PRASAD N PEARSON	
14	Emish M.C	
15	Aditya Jacob	
16	Sajith T	
17	Nisha. K. S	
18	Divya VIJAYAN	
19	Sheeena. P.S	
20	Arun shaji B.K.	
21	Pritha R	
22	Rasena M.N	
23	Aparna Sath	
24	Sandra K.B	
25	Aniya Eshack	
26	ABINI M.A	
27	Shilpa. Unnikrishnan.	
28		
29		
30		
31		
32	PRINCIPAL	
33	KMEA ENGINEERING COLLEGE EDATHALA-683561	

KMEA ENGINEERING COLLEGE
ATTENDANCE SHEET: 09/05/2016, 09:30 AM

No:	Name	Signature
1	Rosely A	Ry
2	Sameera A.A	Am
3	Sithara L	Shah
4	SRAM	Sp
5	Binich M.C	BM
6	Mahendra B.S	MM
7	Arun shaji B.K	AS
8	Bushra A.R	dbb
9	Afsal K.A	afsal
10	Vishnu P	VP
11	Smitha K.M.	Smitha
12	Apaena	Ap
13	Somdeu	Sm
14	Ishanool P.R.	IPR
15	Shahana P.S.	Shahana
16	Reshma chitharanjan	Rch
17	Shiteena P.S	Shiteena
18	Rangin K.V	RK
19	ABINI M.A	ABINI
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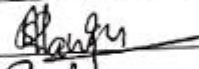

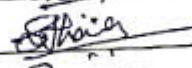
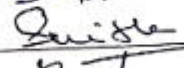
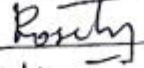
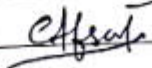


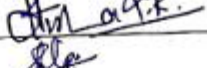



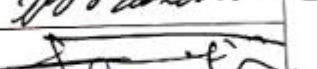








KMEA ENGINEERING COLLEGE
ATTENDANCE SHEET: 09/10/2016, 01:30 PM

No:	Name	Signature
1	Smitha. K. M.	
2	Sithara R	
3	Rosely A	
4	Ahmed. K. A	
5	Vishnu. P	
6	ABINI M. A	
7	Binish M. C	
8	Arun shaji. B. K	
9	Aparna	
10	Shandya	
11	Sameera. A. B	
12	Shafeena. P. S	
13	Bushara. A. R	
14	Ranga. K. V	
15	Rasana M. N.	
16	Vishamod T. R.	
17	Rishma Chitharajan	
18	SIAM	
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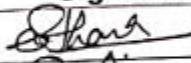
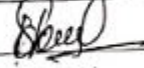
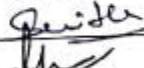
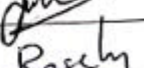
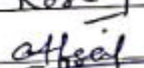
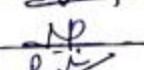
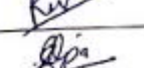
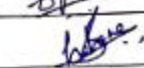
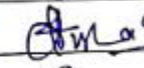
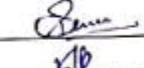





KMEA ENGINEERING COLLEGE
ATTENDANCE SHEET: 10/05/2016, 09:30 AM

No:	Name	Signature
1	Rangn. K.V	
2	Sanda Hgrikas	
3	Sidhara R	
4	Smitha. K.M.	
5	Roschy. A	
6	Afsal. K-A	
7	Vishnu. P	
8	Reshma Chitharanjan	
9	Tishamol P.R.	
10	Shilpa Unnikrishnan	
11	Semraa. A.A.	
12	Shahana. P.S.	
13	Madhendra P.S	
14	Arun shaji. B.K	
15	SYAM	
16	Bushra. A.R	
17	Sajini T.	
18	Binish M.C	
19	Shefeena P.S	
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KMEA ENGINEERING COLLEGE
ATTENDANCE SHEET: 10/05/2016, 01:30 PM

No:	Name	Signature
1	Sithara R	
2	Sanda Harikan	
3	Smidha K.M.	
4	Sajini T	
5	Rosely A	
6	Afsal K.A	
7	Vishnu P	
8	Reshma Chitharanjan	
9	Shilpa Unnikrishnan	
10	Shahana - P. S.	
11	Tibharam P.R.	
12	Sameera D.A	
13	Rangasulu	
14	Arun Shaji. B.K	
15	Bushana A.R	
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Income & Expenditure Statement

SI No	Date of Bill	Details of Expenditure	Amount	SI No	Date of Bill	Details of Income	Amount
1		Flex	0	1		Advance Amount from college	20000
2	12/05/16	Petrol	100	2		Workshop Registration Fees	0
3		Bouquet	0	3			
5	11/05/16	Certificates	200				
6	10/05/16	Grey Tech-Workshop F	15000				
7	09/05/16	office stationary	465				
8		Prize Money	0				
9	9/05/16&10/05/16	Canteen	1920				
		Total	17685/-			Total	20000/-

Balance to Office

Rs. 2315/-



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Proforma for submission of proposal under the scheme
FACULTY DEVELOPMENT PROGRAMME

A Faculty Development Programme (FDP) is designed to

- enhance the teaching and other skills.
- make them aware about modern teaching tools and methodologies.
- acquire knowledge about current technological developments in relevant fields.
- impart professional practices relevant to technical education.
- achieve competitive teaching and learning environment and
- channelize development with respect to academic qualifications and personal matters.

Name of the Department	ELECTRONICS AND COMMUNICATION
Name of the Head of the Department	Mrs. Manju Bhaskar

Technical Field of proposal:

Internet of Things(IoT)

Title of proposal:

Internet of Things (IoT)-Trends and challenges

Abstract

The IoT is enabled by the latest developments in RFID, smart sensors, communication technologies, and Internet protocols. The basic premise is to have smart sensors collaborate directly without human involvement to deliver a new class of applications. The current revolution in Internet, mobile, and machine-to-machine (M2M) technologies can be seen as the first phase of the IoT.


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Objective

Identify research opportunities in IoT technology, applications and services.

Project Impact -Expected outcome

Participants are able to build an end to end solution including the software and hardware side of IoT. They can create the IoT device to solve the business problem

Level of activity (Regional / National / International) and target audience
Regional and Faculty

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
5/5/16				
Inaugural Session	9.00 am - 9.30 am	Inauguration of the workshop	Conference Hall	Facility inside the Conference Hall
Introduction to IoT	9.45 am - 12.30 pm	Lecture	Systems Lab - Academic Block 1	Requirement: A lab with 30 - 35 desktops to accommodate the participants. Audio systems, projector & screen and laptop with internet connectivity Available: All the above mentioned requirements are available in the college.
Arduino programming	1.30 pm - 3.30 pm	Lecture		
Interaction Session	3.45 pm - 4.15 pm	Tutorial		
6/5/16				
Sensors and Actuators, Raspberry Pi	9.30 am - 12.30 pm	Lecture + Hands-on Training	Systems Lab - Academic Block 1	Requirement: A lab with 30 - 35 desktops to accommodate the participants. Audio systems, projector & screen and laptop with Internet connectivity Available: All the above mentioned requirements are available in the college.
Python programming, RPI and Arduino integration	1.15 am - 3.45pm	Hands-on Training		
Interaction Session	3.45 pm - 4.15pm	Tutorial		

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7/5/16

PHP, MySQL	9.30 am - 12.30 pm	Lecture + Hands-on Training	Systems Lab - Academic Block 1	Requirement: A lab with 30 - 35 desktops to accommodate the participants. Audio systems, projector & screen and laptop with internet connectivity Available: All the above mentioned requirements are available in the college.
IoT applications, social impacts and security lecture by : Sri. Mju Thomas	1.30 pm - 3.30pm	Lecture + Hands-on Training	Systems Lab - Academic Block 1	
Valedictory Session	3.45 pm - 4.15pm	Concluding session of the FDP	Conference Hall	

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Mr. Shahim Baker,	Secretary, IEEE Kochi Subsection	Grey technolabs	Arduino programming, Raspberry Pi , Python programming

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/ participating	Financial commitment * in Rs.
IEEE	IEEE Kochi Subsection, Albertian Institute of Science & Technology, Cochin University P. O., Kalamassery, Kochi 682022	www.ieee.org	Mrs. Mini Ulanat Secretary, IEEE Kochi Subsection	Technical Association	Nil


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IETE	The Institution of Electronics & Telecommunication Engineers, Kochi Centre, XL/216K, 3 rd Floor, Jewel Arcade, Layam Road, Kochi 682011	www.iete.org	Dr.A. Unnikrishnan Chairman, IETE Kochi Centre	Technical Collaboration	Nil
Total Rs.					nil

Similar event organized by the Department earlier, if any.-

Title of the activity	Subject	Date from-to	Level (Regional / National / International)	Name of by external body involved, if any	Grant by AICTE, Rs.
One Day Orientation Program for Faculty	Analytical Foundation for Communication Engineering	September 25th, 2013	Regional	KSHEC	None

Budget Estimates

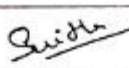
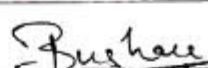
Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	55,000		10000 Registrations	
Stationery, printing, Pre-event expenditure etc.	10,000			Request given to KSCSTE Participating
Travel, Stay and DA	5,000			
Refreshment and Food(For external participants only)	20,000			40,000
Other	5,000			
Total	95,000	45,000		



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Details of Coordinators:

	Coordinator 1	Coordinator 2
Name	Smitha K M	Bushara A R
Exact designation	Associate Professor	Assistant professor
Department	ECE	ECE
Cell number	9497545701	9745413913
Email	skm.ec@kmeacollege.ac.in	arb.ec@kmeacollege.ac.in
Signature		

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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

FACULTY DEVELOPMENT PROGRAMME

A Faculty Development Programme (FDP) is designed to

- enhance the teaching and other skills.
- make them aware about modern teaching tools and methodologies.
- acquire knowledge about current technological developments in relevant fields.
- impart professional practices relevant to technical education.
- achieve competitive teaching and learning environment and
- channelize development with respect to academic qualifications and personal matters.

Name of the Department	Electronics and Communication Engineering
Name of the Head of the DEpartment	Prof. Mrs. Manju Bhaskar

Technical Field of proposal

Training program for circuit design, simulation, analysis and PCB design

Title of proposal

Hands on workshop for Oscad - An open source EDA tool for circuit design, simulation, analysis and PCB design

Abstract

Open Source CAD (Oscad) is a complete EDA tool for Electronics and Electrical engineers. This program illustrates the use of Oscad for circuit design, simulation and PCB design. It also gives implementation details of an in-house developed circuit simulator, Scilab based Mini Circuit Simulator (SMCSim), available in Oscad. The simulator can provide the system of equations for the circuit under test. This feature is unique to Oscad.


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Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p articipating	Financial commitment* in Rs.
Nil	Nil	Nil	Nil	Nil	Nil
Total Rs.					

Similar event organized by the Department earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/Govt Agencies, Rs.
Nil	Nil	Nil	Nil	Nil	Nil

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsors hips	Assistance from funding agency.
Stationery	using lab facility Nil			
Travel, Stay (Resource Persons)	Nil			
Printing(Brochure,Certificates etc)	Nil			
Refreshment and Food	500/-	Self (EC Dept)		
Honorarium/Memento	Nil			
Other(specify each heading)	Nil			
Total	500/-			

(Signature)

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Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Abitha Abbas	Sajini T
Exact designation	Assistant Professor	Assistant Professor
Department	Electronics and Communication Engineering	Electronics and Communication Engineering
Cell number	9496119677	9496225105
Email	aas.ec@kmeacollege.ac.in	sjt.ec@kmeacollege.ac.in
Signature		


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Syllabus for OSCAD Training programme

Introduction

Installing and Setting up OScad : Procedure for installing OScad, Testing

Architecture of OScad : Modules used in OScad, Eeschema, CvPcb, Pcbnew, Model Builder, Subcircuit Builder, KiCad to Ngspice netlist converter, Analysis Inserter, Ngspice, Scilab based Mini Circuit Simulator (SMCSim), Work flow of OScad

Getting Started : Schematic Editor, Analysis Inserter, Netlist Converter, Ngspice, Footprint Editor, Layout Editor, SMCSim, Model Builder, Subcircuit Builder

Schematic Creation : *Familiarising the Schematic Editor interface*:- Top menu bar, Top toolbar, Toolbar on the right, Toolbar on the left, Hotkeys

Components and component libraries :- OScad libraries, Adding OScad component libraries to project, Library browser, Plot component library, Power component library, Connector library, Component references

Schematic creation for simulation:- Selection and placement of components, Wiring the circuit, Assigning values to components, Annotation and ERC, Netlist generation.

Simulation : *Analysis Inserter*:- Types of analysis, DC analysis inserter, AC analysis inserter, Transient analysis inserter, Saving the analysis file.

Modifying KiCad netlist for Ngspice simulation

Examples:- DC analysis, AC small-signal analysis, Transient analysis

PCB Design : *Schematic creation for PCB design*:- Netlist generation for PCB, Mapping of components using Footprint Editor, Familiarising the Footprint Editor tool, Viewing footprints in 2D and 3D, Mapping of components in the RC circuit

Creation of PCB layout:- Familiarising the Layout Editor tool, Hotkeys, PCB design example using RC circuit

Principal
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Proforma for submission of proposal under the scheme
FACULTY DEVELOPMENT PROGRAMME

A Faculty Development Programme (FDP) is designed to

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- make them aware about modern teaching tools and methodologies.
- acquire knowledge about current technological developments in relevant fields.
- impart professional practices relevant to technical education.
- achieve competitive teaching and learning environment and
- channelize development with respect to academic qualifications and personal matters.

Name of the Department	Civil Engineering
Name of the Head of the DEpartment	Mrs. Bindu Sebastian

Technical Field of proposal
Geotechnical Engineering

Title of proposal
An innovative talk on recent trends in Geotechnical Engineering

Add rows as required

Abstract

This program focuses on the importance of Geotechnical engineering in construction occurring on the surface or with in the ground. This will help the participants to get an idea about the soil structure interaction and recent practices followed in the field. The session also covers the advanced method of soil stabilization.

Objective

The program discusses the problems occurring in soil during construction and how it affects the structural stability. The session also focuses the precautions to be taken during construction for various types of soils. The program also focuses on sand piling applicable construction industry

Project Impact -Expected outcome

Participants will be aware of the recent developments in geotechnical engineering.
Also get an idea about the adavnced methods for soil stabilization

New experiments/Demonstration of new technology/other


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Level of activity (Regional / National / International) and target audience

Level of activity : Regional

Target audience : For teachers of our College and neighbouring colleges (30 nos)

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
20/2/2016	9.30 am-10.15 am	Lecture	Conference Hall	
20/2/2016	10.45am-12.30pm	Lecture	Conference Hall	
20/2/2016	1.30pm-3.30pm	Lecture	Conference Hall	

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Prof. Dr. Babu T Jose	Geotechnical Consultant		Speaker
Prof. Dr. Shobha Cyrus	Professor	CUSAT	Speaker
Mr. Anil Joseph	Managing Directore	Geo structurals Pvt Ltd	Speaker

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/pa rticipating	Financial commitment* in Rs.
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Total Rs.					

^bMention role of Industry/organisation.

Add rows as required..

^aAttach copy of letters received from participating industry showing intent / financial commitment etc.

Similar event organized by the Department earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/Govt Agencies, Rs.
NIL					

Add rows as required..

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsors hips	Assistance from funding agency.
Stationery	1000			
Travel, Stay (Resourse Persons)	1500			
Printing(Brochure,Certificates etc)				
Refreshment and Food	5000			
Honorarium/Memento	15000			
Other(specify each heading)				
Total	22500			

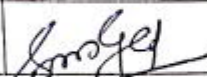
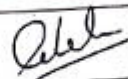
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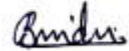
Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Soni Syed	Elsa Paul
Exact designation	Asst.Professeor	Asst.Professeor
Department	Civil Engineering	Civil Engineering


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Cell number	9539243730	8129372322
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Signature		


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KMEA ENGINEERING COLLEGE
WORKSHOP

Name of the Department	COMPUTER SCIENCE AND ENGINEERING
Name of the Head of the Department	MRS.REKHA LAKSHMANAN

Technical Field of proposal - WORKSHOP

Title of proposal – ANDROID WORKSHOP (students)

Add rows as required

Abstract

- Understand the Android platform, framework and API
- Make Interactive User Interface
- Comprehend Android application manifest, intents and external resources in addition to the platform's software development lifecycle
- Employ attractive features & functionality in their Apps

Objective and Level of activity (Regional / National / International) and target audience

Add rows as required


KTU Students

Add rows as required

Project Impact -Expected outcome - academic / social / commercial

This will increase the knowledge level and the organizing capability of senior students, and get a motivation for the juniors.

Add rows as required


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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
August 8 th yb	9am – 3pm	Demonstration and hands on experience	Computer Lab	Destops

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Students of S7 (NURAIN RASHID, SHABNAM ABBAS)			workshop

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ⁵ in collaborating/participating	Financial commitment ⁶ in Rs.
Total Rs.					

*Mention role of Industry/organisation.

Add rows as required.

*Attach copy of letters received from participating industry showing intent / financial commitment etc.

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Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.



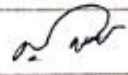
Add rows as required.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total	3000			

Add rows as required.
Max assistance 3 lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Selin M	Maria Joy
Exact designation	Assoc.Prof (N C)	Assiatant Professor
Department	Computer Science and Engineering	Computer Science and Engineering
Cell number	9446791297	9497278540
Email	snm.cs@kmeacollege.ac.in	mjoy.cs@kmeacollege.ac.in
Signature		


HOD RE KHA
10/8/16


PRINCIPAL


DIRECTOR

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194 ME
no of participants ? 20

KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	MECHANICAL DEPARTMENT
Name of the Head of the Department	PROF. JOSEPH V.A

Technical Field of proposal

In this proposal included technical and general awareness

Title of proposal - Seminar / Symposium / Workshop Title

GURUKSHETHRA

Add rows as required

Abstract

The proposal is an intra-college quiz program. Two team from each class can participate. In each group maximum of two members. The program contain two sessions, preliminary round and final round. Top eight teams from preliminary round will eligible for final round. Areas of questions will be from general knowledge, science and technology.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

In house

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1



Add rows as required

Project Impact - Expected outcome - academic / social / commercial

Improve the general awareness and technical knowledge

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
17-08-16	9 am-12:30 pm	Preliminary round	B-Block drawing hall	Projector, sound system
		Final round	Conference hall	Projector, sound system

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Nil			Keynote address / Chairing sessions / Speaker / Advisors / Reviewers / Sponsorers

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment ^a in Rs.
Nil					
Total Rs.					

^a Mention role of industry/organisation.

Add rows as required.

^a Attach copy of letters received from participating industry showing intent / financial commitment.

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

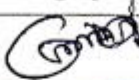
Add rows as required.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,	100			
Travel, Stay and DA				
Other (Trophy) 6 Nos	3000			
Total	3000			

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	ABDUL JALEEL K.T	SREEJITH T.S
Exact designation	Asst. Prof	Asst. Prof
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9447412841	9048461966
Email	Jal.me@kmeacollege.ac.in	Srt.me@kmeacollege.ac.in
Signature		

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KMEA ENGINEERING COLLEGE
EDATHALA-683561



DIRECTOR

KMEA ENGINEERING COLLEGE

Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL**EVENT REPORT**

Date of event:	20/02/2016	Program Coordinators name and contact details:	SONI SYED-9539243730 ELSA PAUL-8129372322
Name of Event: FACULTY DEVELOPMENT PROGRAM			
Organized by: DEPARTMENT OF CIVIL ENGINEERING			
Sponsored by: KMEA ENGINEERING COLLEGE			

1) Objective of the event-

To acquire knowledge about current technological developments in relevant fields.

2) Write a brief overview of the following sessions in min 8 sentences each

- Inaugural Session with date, time and details of guests:**

Inaugural Session was on 20/02/2016, 8.45 am.

Guest was Professor Dr. Babu T Jose.

Principal Dr. T.K. Mani was present during the occasion

- Different Sessions with date, time and details of speakers/ chairs and the contents delivered or training conducted (write separate paragraphs for each session)**

First session – 9.00 am -10.30 am-Dr. Babu T Jose, Director AISATDelivered a talk on **Ground Improvement using latest techniques****Second session** – 11.00 am -12.30 pm-Dr. Anil JosephDelivered a talk on **Latest Trends in Construction**

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Lunch Break

Third session – 2.00 pm -3.30 pm-Dr.Deepa G Nair

Delivered a talk on **Green Building And Sustainable Constructions**

- **Valedictory Session with date, time and details of guests**
20/02/2016-3.30 pm

Guest was Dr.Deepa G Nair

3) Consolidated feedback received from the participants-

Program was very informative

4) Conclusion and Outcome:

Faculty can help students to select latest topics for thesis

5) Recommendations or Suggestions, if any, for future events-

It will be better if site visits are arranged next time

Other attachments (in Original)

6) List of Participants (Name, Designation, Dept., Organization, Signature) -attached

7) Attendance Sheet--attached

8) Program Schedule-

First session – 9.00 am -10.30 am-Dr. Babu T Jose.Director AISAT

Second session – 11.00 am -12.30 pm-Dr.Anil Joseph

Third session – 2.00 pm -3.30 pm-Dr.Deepa G Nair

9) Expenditure Statement and Balance Sheet--attached

10) Proceedings or Course Materials or Manuals prepared for the event (1 No.)-nil

11) Brochures and Flyers, designed for the event (1 No.)--attached


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Program Coordinators

Name: SONI SYED

ELSA PAUL

Signature:

TEP Cell Dept. Coordinators

1. Name: *Soni Syed*

Signature: *[Signature]*

2. Name: *Elsa Paul*

Signature:

HOD

Name: *[Signature]*

Signature: *[Signature]*

[Signature]

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EDATHALA-BESSOT



REGISTRATION FORM				
FACULTY DEVELOPMENT PROGRAM				
KMEA ENGINEERING COLLEGE, EDATHALA, ALUVA 683561				
Sl. No.	NAME	PHONE NUMBER	COLLEGE	SIGNATURE
1.	Jinu V R	9447728116	KMEA	
2.	Archan C.P	9895526112	KMEA	
3.	Shabna M.S	9547771521	KMEA	
4.	Asma K.S	8281318521	KMEA	
5.	Edna Nazim	954848894	KMEA	
6.	Tanya Jitha KA	9899167230	KMEA	
7.	Arjun KV	954848894	KMEA	
8.	Surya Antony	9895337302	KMEA	
9.	Geetha B.R	9447571470	KMEA	
10.	Amina A.A	812942924	KMEA	
11.	Dameenu V.M	8286942332	KMEA	
12.	Sanu V.K	954848894	KMEA	
13.	Fathima Nazim	9547571639	KMEA	
14.	Arjun Rashed	9547571639	KMEA	
15.	Ashika C.K	9447721954	KMEA	
16.	Nusli K Nadeem	9898109100	KMEA	
17.	Elia Paul	812937202	KMEA	
18.	Sumitha Rani CH	9496322655	KMEA	
19.	ANUSREE A	8281612596	ANUSAT	
20.	Rita Jitha	9447571639	KMEA	
21.	Arjun Rashed	9547571639	KMEA	
22.	Arjun P.A	944594083	KMEA	
23.	Fathima S.D	9037885871	KMEA	
24.	A.Ramod	9048548897		

Arjun



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KMIEA ENGINEERING COLLEGE

Kuzhivelipaddy, Edathala, Aluva. 683561

DEPARTMENT OF CIVIL ENGINEERING

DEVELOPMENT PROGRAM

ATIONS IN DIFFERENT FIELDS OF CIVIL ENGINEERING

Venue: KMIEA ENGINEERING COLLEGE

Date: 20-02-2016

BY

1. Dr. BABU T JOSE

DIRECTOR

AI SAT

2. Dr. ANIL JOSEPH

MLD

GEO STRUCTURALS

3. Dr. DEEPA

ASSOCIATE PROFESSOR

CUSAT

CO-ORDINATOR

Name of the Programme

Income & Expenditure Statement

Sl No	Date of Bill	Details of Expenditure	Amount
1		Flex	400
2		Petrol	350
3		Bouquet	
4		stationary	498
5		Certificates	
6		Arvin Tech-Workshop Fees	
7		Honourarium	2940
8		Prize Money	
9		Canteen	1380
10		TA	1500
11		bakery,rope,milk	300
		you can enter according to your need	
		Total	7368

Sl No	Date of Bill	Details of Income	Amount
1		Advance Amount from college	11000
2		Workshop Registration Fees	
3		Idea Competition Registration Fees	
4		Priize Money from Office	
		you can enter according to your need	
		any external support	
		Total	11000

alance to Office/From Office

RS. 3632



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KMEA ENGINEERING COLLEGE
Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	20/02/2016	Program Coordinators name and contact details:	Abitha Abbas & Sajini T Assistant Professor, ECE Department.
Name of Event: Hands on workshop for Oscad			
Organized by: Electronics and Communication Engineering Department			
Sponsored by: Self			

1) Objective of the event

To acquire knowledge and skills specifically related to work to be undertaken later in the Microelectronics or Electronics programs.

To gain the ability to understand and implement concepts, techniques and applications that underpin the electronic design process.

2) Write a brief overview of the following sessions in min 8 sentences each

- Inaugural Session with date, time and details of guests : NA
- Different Sessions with date, time and details of speakers/ chairs and the contents delivered or training conducted (write separate paragraphs for each session)

20/02/2016 Forenoon session - circuit design and PCB design ✓

20/02/2016 Afternoon session – simulation and analysis

- Valedictory Session with date, time and details of guests : NA


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3) Consolidated feedback received from the participants : Very Good

4) Conclusion and Outcome :

- Able to draw the schematic and design the PCB layout for a circuit
- Gained EDA tools usage skills

5) Recommendations or Suggestions, if any, for future events

Other attachments (in Original)

6) List of Participants (Name, Designation, Dept., Organization, Signature)

7) Attendance Sheet

8) Program Schedule : NA

9) Expenditure Statement and Balance Sheet : NA

10) Proceedings or Course Materials or Manuals prepared for the event (1 No.) :
NA

11) Brochures and Flyers, designed for the event (1 No.) : NA

Program Coordinators

Name: Abitha Abbas & Sajini T

Signature:

TEP Cell Dept. Coordinators

1. Name: SMITHA K.M

Signature:

2. Name: ANSIYA ESHACK

Signature:

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HOD
Name:
Signature:

Training program on OSCAD.

Date: 20/02/16 ²⁰¹⁵

No:	Name	Signature
1	DIVYA VIJAYAN NAIR	<u>Divya</u>
2	BABITHA M'S	<u>Babitha</u>
3	ABINI M.A	<u>Abini</u>
4	NISHA K.J	<u>Nisha</u>
5	Shefeena P.S	<u>Shefeena</u>
6	Bisly Bismi Doss C	<u>Bisly</u>
7	Bilga	<u>Bilga</u>
8	Anun Shaji B.K	<u>Anun Shaji</u>
9	Aneesh A	<u>Aneesh</u>
10	SYAM	<u>Syam</u>
11	Manju Bhaskar	<u>Manju</u>
12	Smitha K.M	<u>Smitha</u>
13	Mohammed Ismail H	<u>Mohammed Ismail</u>
14	Rangu K.V	<u>Rangu</u>
14	Bushara A.R	<u>Bushara</u>
15	ABITHA ABBAS	<u>Abitha</u>
16	SASINI T	<u>Sasini</u>
17	SAUDHA MARIKAR	<u>Saudha</u>
18	ROSELY A	<u>Rosely</u>
19	JITHIN K.J	<u>Jithin</u>
20	Binish M.C	<u>Binish</u>

Principal
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KMEA ENGINEERING COLLEGE
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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	INFORMATION TECHNOLOGY
Name of the Head of the Department	Vidya Hari

Technical Field of proposal

Intellectual Property Rights

Title of proposal - Seminar / Symposium / Workshop Title

Intellectual Property Rights.

Add rows as required

Abstract

Intellectual property rights are the rights given to persons over the creations of their minds. They usually give the creator an exclusive right over the use of his/her creation for a certain period of time.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

To make the audience familiarised with Intellectual Property Rights. Target audience is staff and students of IT department. Level of activity is regional.

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Project Impact -Expected outcome - academic / social / commercial

Academic – Students will be familiarised with Intellectual Property Rights. Relevance in academic research.

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
29-2-2016	10.30 a.m to 12.30 p.m	Lecture by Mr.Anees Prabhu	Conference Hall	Whiteboard.

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Mr.Anees Prabhu	DGM	BSES Kerala Power Ltd	Speaker

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p articulating	Financial commitment* in Rs.
Total Rs.					

Similar event organized by the Institute earlier, if any.

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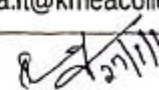

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

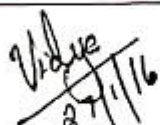
Add rows as required.

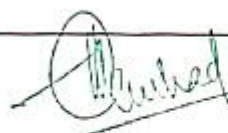
Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Rs.1000			
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)			77 79	
Total	Rs.1000			

Add rows as required.
Max assistance 3 Lakhs**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Ms. Sheena Anees	Ms.Arifa Azeez
Exact designation	Assistant Professor	Assistant Professor
Department	IT	IT
Cell number	9645299901	9447616365
Email	sha.it@kmeacollege.ac.in	aaa.it@kmeacollege.ac.in
Signature		


HOD


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DIRECTOR

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EDATHALA-683561


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Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event :	19-03-2016	Program Coordinators name and contact details:	Mrs.Namitha Menon CAD EXPERT
Name of Event: ONE DAY WORKSHOP ON ELECTRICAL CAD			
Organized by: TEP CELL, KMEA ENGINEERING COLLEGE			

1) Objective of the event

To develop skills in computer aided drafting of electrical machines & layout of various electrical installation .

2) Write a brief overview of the following sessions in min 8 sentences each

- Inaugural Session with date, time and details of guests**
Inaugural session of the program commenced at 9.30am on 19/3/2016. The HOD and all the faculties of EEE department were present.


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- Different Sessions with date, time and details of speakers/ chairs and the contents delivered or training conducted (write seperate paragraphs for each session)
- Session 1 – Class on auto CAD tools
- Session 2 – Hands on training on auto CAD drawing tools
- Session 3 – Class on electrical CAD tools and environment
- Session 4 – Hands on training on single line diagram of multi storeyed buildings

3) Consolidated feedback received from the participants

- The workshop helped to develop an overall idea of computer aided design.
- Students were familiarized with AUTOCAD tools and basic drawings.
- Students were given an overview of all provisions in electrical CAD for developing detailed electrical layouts of different buildings.
- The content of the workshop was very much informative and helpful for future career.
- Hands on session helped to work on electrical CAD
- Familiarization of the present scenario of electrical systems
- The sessions gave motivation to select an interesting career.

4) Conclusion and Outcome

Got the basic concepts of electrical CAD and use of key commands of Autocad, enough to run and print technical


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drawings in 2D and 3D .The workshop helped the students to correlate the theory and the practical aspects of the electrical system.

5) Recommendations or Suggestions, if any, for future events

It is better to include more practical sessions in similar workshops in future

Program Coordinators

Name: FEMY P.H, ABIDA C.A

Signature:

TEP Cell Dept. Coordinators

1. Name : FEMY P.H

Signature:

2. Name : ABIDA C.A

Signature:

HOD

Name

: FAREEDA A.K

Signature

:



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KMEA ENGINEERING COLLEGE			
ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT			
ONE DAY WORKSHOP ON ELECTRICAL CAD – PROGRAM SCHEDULE			

DATE	SESSION	TIME	TOPIC
19/03/16	SESSION 1	9AM – 10.30AM	Class on auto CAD tools
	SESSION 2	10.40AM – 12.40PM	Hands on training on auto CAD drawing tools
	SESSION 3	1.30PM – 3PM	Class on electrical CAD tools and environment
	SESSION 4	3.10PM – 4.30PM	Hands on training on single line diagram of multi storeyed buildings



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Roll No:

Name

Signature

213

06

Ajas.k.s



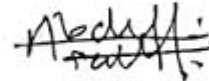
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RUWAIZ AJEED



030

ABDUL SALEEM.P.I



41

{ SHAIK MOHAMED HANEEF
{ SHAIK RAMEEZ



31

Muhammed Aslam



17

Biney John



11

ANAND K.R



19

Eldhose C.P



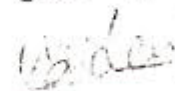
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Sajith.V.M



30

Moldeen Shafin



31

Jameel



34

Nafi. AV



12

ANSHIL.KD



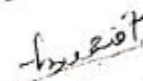
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Naeem K.I



21

Faisal Khan s



13

ANTONY. K.A



04

ABIN JOHNSON



14

ASHIQ



45

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Roll NO

NAME

Sign
Amal

21/4

1

AMAL MUHAMMED

46

WAYNE FERNANDEZ

18

Ebin.PA

Fernandes
Ebin



Name of the Programme
Income & Expenditure Statement

Sl No	Date of Bill	Details of Expenditure	Amount
1		Flex	—
2		Petrol	—
3		Bouquet	—
4		Petrol	—
5		Certificates	—
6	18/3/16	Arvin Tech-Workshop Fees	3000
7		Honourarium	—
8		Prize Money	—
9		Canteen	—
10		Canteen	—
11		Certificates	—
you can enter according to your need			
Total			3000

Sl No	Date of Bill	Details of Income	Amount
1	18/3/16	Advance Amount from college	3000
2		Workshop Registration Fees	—
3		Idea Competition Registration Fees	—
4		Priize Money from Office	—
		you can enter according to your need	—
		any external support	—
Total			3000



Balance to Office/From Office —



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KMEA ENGINEERING COLLEGE

Pro forma for submission of proposal under the scheme

WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	DEPARTMENT OF MECHANICAL ENGINEERING
Name of the Head of the Department	Mr. K.T ABDUL JALEEL

Technical Field of proposal

Computer aided design (CAD)

Title of proposal - Workshop Title

Computational fluid dynamics (CFD) Training program

Abstract

KMEA Engineering College can play an important role in realizing and providing problem specific assistance to industries, there by establishing centers of excellence in the area of "Design and Analysis". For an institution like ours it is important that programs which orient students towards the industrial approach in assimilating information are conducted alongside the academic curriculum so that a better groomed candidate ready to face the heat of fierce competition emerges after completion of four years of engineering. TTRC (Technology Training and Research Center) , an initiative of Airframe Aerodesigns Pvt Ltd. is aimed to build a system and to establish a framework where young graduates understand the market requirements so that they build up specific skill sets to address industrial objectives. The workshop designs and delivers adaptive and blending training curricula tailored to the needs of graduating students. In order to ascertain its objective, TTRC focus on interactive, systematic and holistic , action oriented and outcome based training on C.F.D, FLUENT.


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Objective and Level of activity (Regional / National / International) and target audience

Objective: The workshop is intended for giving basic idea on CFD theory along with hands on training on CFD-Design modeler (Modeling and Meshing), FLUENT.

Level of activity: Regional

Target audience: Final year students, Dept. of Mechanical Engineering

Project Impact -Expected outcome - academic / social / commercial

- Broadening the conceptual domain of students of Mechanical Engineering.
- To bridge the gap between industry and academia.
- Establish center of excellence in the specified field to enrich students and also provide problem specific assistance to industries.
- Apply the knowledge of CFD for the analysis of the final year projects.

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
15/01/2016, 16/01/2016, 18/01/2016, 19/01/2016, 31/01/2016, 05/02/2016, 06/02/2016, 12/02/2016, 13/02/2016, 14/02/2016.	9:00 AM to 4:00 PM	Lecture + demonstration + practicing on live projects	CAD Lab- Mechanical block	30 computers + Projector Facilities

Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.

Name	Address	Website	Contact person , designation, email	Roles in collaborating /participating	Financial commitment* in Rs.
Technology Training and Research Centre (TTRC)	#312, B Block, 4 th Floor, Connection Point, HAL Airport Exit Road, Bangalore	www.aapltrc.com	Jhonson V James, TTRC- Head Training Solutions, Cochin. infoh@apltrc.com	Training assistance	124800/-
Total Rs.					124800/-





Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
-Nil-					

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	124800/-	pls specify how you met ? -Nil-	-Nil-	-Nil-
Stationery, printing,				
Travel, Stay and DA				
Charges for infra-structure and other facilities	19200/-	-Nil-	-Nil-	-Nil-
Total	144000/-	-Nil-	-Nil-	-Nil-

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Abin Rasheed	Harris K Hassan
Exact designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9961060024	9605566336
Email	abin84@gmail.com	hkh.me@kmeacollege.ac.in
Signature		

HOD  28/01/16


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DIRECTOR



1,1 (12) 219

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KMEA ENGINEERING COLLEGE
Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	16-02-2016 & 18-02-2016	Program Coordinators name and contact details:	MR. SAJIN JOSE Manager – Trainings SIGMOS INDIA 3rd Floor, City Point Bldg., Swami Chinmayananda Road, Jos Junction, Ernakulam. Pin - 682016. Web: www.sigmos.in
Name of Event: TWO DAY WORKSHOP ON ELECTRICAL SYSTEM DESIGN			
Organized by: <u>SIGMOS INDIA</u>			

1) Objective of the event

To give practical insight into the principles of Electrical system design and installations.

2) Write a brief overview of the following sessions in min 8 sentences each

• **Inaugural Session with date, time and details of guests**

Inaugural session of the program commenced at 9.30am on 16/2/2016. The HOD and all the faculties of EEE department were present. The manager-trainings of SIGMOS INDIA, Mr. Sajin Jose and two supporting staff were present for presiding over the function.


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- Different Sessions with date, time and details of speakers/ chairs and the contents delivered or training conducted (write seperate paragraphs for each session)

16/2/16

Session- I:

Fundamentals of Electrical Design Engineering & Load Estimation of Plants

Session II:

Development of Single Line Diagrams & Control Schematics

18/2/16

Session III :

Introduction to Electrical Equipments Selection Sizing
Basic Introduction about Hazardous Area Classification.
Hands On Session on Electrical CAD

Session IV:

Demonstration of electrical substation at the college.

3) Consolidated feedback received from the participants

- Awareness on electrical system design of multistoreyed buildings and industrial installations.
- The content of the workshop was very much informative and helpful for future career.
- Hands on session helped to work on electrical cad
- Familiarization of the present scenario of electrical systems
- The sessions gave motivation to select an interesting career.

4) Conclusion and Outcome

The workshop helped the students to correlate the theory and the practical aspects of the electrical system.


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- 5) **Recommendations or Suggestions, if any, for future events**
It is better to include more practical sessions in similar workshops in future

Program Coordinators

Name: FEMY P.H, ABIDA C.A

Signature:

TEP Cell Dept. Coordinators

1. Name : FEMY P.H

Signature:

2. Name : ABIDA C.A

Signature:

HOD

Name : FAREEDA A.K

Signature :



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KMEA ENGINEERING COLLEGE
ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT
TWO DAYS WORKSHOP ON ELECTRICAL SYSTEM DESIGN – PROGRAM SCHEDULE

DATE	SESSION	TIME	TOPIC
16/02/16	SESSION I	9.30AM – 12.30PM	Fundamentals of Electrical Design Engineering & Load Estimation of Plants
	SESSION II	1.30PM – 3.30PM	Development of Single Line Diagrams & Control Schematics
18/02/16	SESSION III	9.30AM – 12.30PM	Introduction to Electrical Equipments Selection Sizing, Basic Introduction about Hazardous Area Classification, Hands On Session on Electrical CAD
	SESSION IV	1.30PM – 3.30PM	Demonstration of electrical substation at the college.



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KMEA ENGINEERING COLLEGE
RICAL AND ELECTRONICS ENGINEERING DEPAR
WORKSHOP ON ELECTRICAL SYSTEM DESIGN - S

SL NO:	NAME
1	ABDUL BASIL. T
2	AHAMED NAEEM
3	AMMU VARGHESE
4	ANJALY DAS
5	ANJU S NADH
6	ASHNA JOSE
7	ATHIRA ANILKUMAR
8	ATHIRA V.S
9	BAIJU ANTONY
10	EBIN JOSE
11	HAFIZ
12	JUHI JAMES
13	MADONA VARGHESE
14	MITHUN .R
15	MOHAMED ZAMIL K.R
16	MUHAMMED AJAS K.L
17	MUHAMMED SAFAL K A
18	NAFSHA K.P
19	NASIYA NAVAS
20	SHABAS T.S
21	SHALIMA KAREEM
22	SHIJILA . A.S
23	VISHNUPRIYA V M
24	ABDUL FATHAH M. ASLAM
25	K.N MANSHAD



PRINCIPAL

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 Page 1 EDATHALA-683561

KMEA ENGINEERING COLLEGE

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

TWO DAYS WORKSHOP ON ELECTRICAL SYSTEM DESIGN - STUDENT LIST

SL NO:	NAME	SIGNATURE
1	ABDUL BASIL. T	
2	AHAMED NAEEM	
3	AMMU VARGHESE	
4	ANJALY DAS	
5	ANJU S NADH	
6	ASHNA JOSE	
7	ATHIRA ANILKUMAR	
8	ATHIRA V.S	
9	BAIJU ANTONY	
10	EBIN JOSE	
11	HAFIZ	
12	JUHI JAMES	
13	MADONA VARGHESE	
14	MITHUN .R	
15	MOHAMED ZAMIL K.R	
16	MUHAMMED AJAS K.L	
17	MUHAMMED SAFAL K A	
18	NAFSHA K.P	
19	NASIYA NAVAS	
20	SHABAS T.S	
21	SHALIMA KAREEM	
22	SHIJILA . A.S	
23	VISHNUPRIYA V M	
24	ABDUL FATHAH M. ASLAM	
25	K.N MANSHAD	



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TECHNOLOGY EMPOWERMENT PROGRAM CELL


EVENT REPORT

Date of event :	1-2-2016	Program Coordinators name and contact details:	Arifa Azeez, Asst.Professor,Dept. Of IT Ph:9447616365 Sheena Anees Asst.Professor,Dept. Of IT Ph:9645299901
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Name of Event: Workshop on Python Programming

Organized by: Itech Assosiation

Sponsored by: Itech Assosiation


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Objectives of the event

Objective is to give an introduction to Python programming.

There are a large number of programming languages, each with its advantages and disadvantages. We must choose one. Some are linked to programming environments, ie proprietary software, while others do not offer a set of usability, robustness and power. The dominant language is probably the C/C++. This language is an absolute reference, and every programmer might have to rub it sooner or later. Unfortunately, it is very daunting and complicated, too close to the machine. Its syntax is not really readable and very demanding. The development of a large program written in C/C++ is long and painful. The same applies also to some extent for the Java language.

On the other hand, the modern practice of this language makes extensive use of application generators and other support tools such as sophisticated C++Builder, K Develop, etc. These programming environments can certainly be very effective in the hands of experienced programmers, but they are based on far too complex tools; they presuppose on the part of the user advanced knowledge that a beginner does not master.

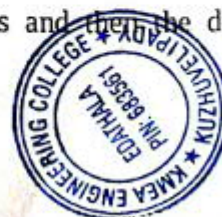
Furthermore, the use of a higher level language, less restrictive, with a more readable syntax seems an excellent choice for a wide range of programming tasks. Among these languages (such as Perl, Ruby ..), Python is a very modern one, fast growing in popularity.

Overview

The KMEA Engineering College Edathala in association with department of Information Technology is organized a one day technical talk. The session started by 9.30 am on 1-2-2016 our beloved HOD Mrs. Vidya Hari, and staffs from different departments were presented.

The meeting include one day talk on the topic PYTHON. Students from IT Department were expected. The basics of python language were discussed and a small demonstration session was arranged. The talk begin by Nishamol M.S. She discussed about basic variables and terms of the language. Later sessions were conducted by Anjitha K.O. Her topic was some properties of python. The functions in python language was discussed by Amala Davis and then the demonstration session was conducted by Ajmal P Musthafa.


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Feedback received from participants

- The presentation was good.
- Participants got an opportunity to know more about a new language.
- The presentation was clear enough.
- The demonstration session was quite useful.

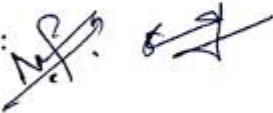
Conclusion and outcome

Python is a widely used general purpose, high level programming language. Its design philosophy emphasizes code readability, and its syntax allows programmers to express concepts in fewer instructions.

Program Coordinators

Name: Arifa Azeez, Sheena Anees

Signature:



TEP Cell Dept. Coordinators

1. Name: Sheena Anees

Signature:



2. Name: Shinu Koyakutty

Signature:




HOD

Name: Vidya Hari.

Signature:



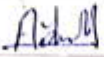





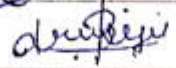

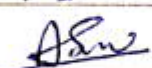


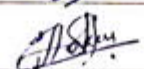



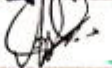
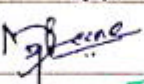
K.M.E.A Engineering College
 Kuzivelippady, Edathala, Ernakulam Dist, Kerala, Pin: 683 561.
 Ph: 0484 2411003, 2411004
 website:- www.kmeacollege.ac.in, email:- office@kmeacollege.ac.in
 DEPARTMENT OF INFORMATION TECHNOLOGY

ITECHS ASSOCIATION (Under Technology Empowerment Cell Of KMEA Engineering College)

Workshop on Python Programming


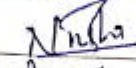
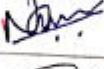






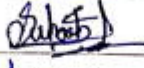
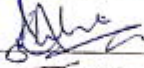


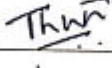

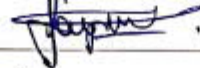

Date: 1/2/16

Venue: Conference Hall

Sl.no:	Student Name	Signature
1	AJMAL P MUSTAFA	
2	AMALA DAVIS	
3	ANJITA K O	
4	ANJU THAMPI	
5	ANU PAUL	
6	ANU VARGHESE	
7	ARUN BIJU M	
8	ASHLY SARA JOSE	
9	ASWATHY K S	
10	ASWATHY VENUGOPAL	
11	BEDHIA JOSEPH DCRUZ	
12	FATHIMA.M.S	
13	HAIRUNNEESA V.S.	
14	HARSHANA K A	
15	MANUEL JAMES	
16	MOHAMMED ANFY P.A	
17	MOHAMMED ASLAM T.I	
18	MUBEENA S.S.	

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19	NASEEHA FATHIMA	
20	NISHA MOL M.S.	
21	NOURIN ZIYAD	
22	RAHUL R KRISHNA	
23	RAZI MUSTHAQ	
24	RISHANA M.S.	
25	ROMILLUS JOHN.C.C	
26	SAMED V A	
27	SHAHABAS K.A	
28	STENCY TITUS	
29	SUHAIB M.I.	
30	SUHAMOL V.S.	
31	SUMAYYA HANEEF	
32	SUNAINA NAJEEB	
33	THESNEEM IBRAHIM	
34	ANJU GOPINATH	
35	MUHAMMED FAYIZ	
36	MITHA K SURESH	




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Sl.no:	Student Name	Signature
37	A.Z.SUHANA	<i>Suhana</i>
38	AKSHARA.S	<i>Akshara</i>
39	ANNA CHINCHU MATHEW	<i>Anna</i>
40	ELZA SHIYON JOSE	<i>Elza</i>
41	FEBIN RAPHY	<i>Febin</i>
42	JINSON XAVIER	<i>Pinet</i>
43	NIMITHA.K.Y	<i>Nimitha</i>
44	NIRMAL JAMES	<i>Nirmal</i>
45	SHABANA C.B	
46	SHAFNA.A.S	<i>Shafna</i>
47	SHAHBAZ.P	<i>Shahbaz</i>
48	SINEERA K.H	
49	SREERAJ.T.R	<i>Sreeraj</i>
50	VISHNU SANTHOSH	<i>Vishnu</i>
51	Mary Jisna	<i>Mary</i>
52	Mohammed Marshid	<i>Marshid</i>
53	Mohammed Rafi	<i>Rafi</i>



[Signature]
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Programme schedule

Workshop on Python Programming

Silent prayer

Welcome speech : Anju Thampi(student representative)

Presidential address : Dr. T.K. Mani (principal).

Felicitation : Mrs. Vidya Hari (Head of the department)

Vote of thanks : Mrs. Sheena Aneez (Assistant professor)

Talk : Ajmal P Musthafa
Amala Davis
Anjitha K.O
Nishamol M.S
(Students, S8 IT)




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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

FACULTY DEVELOPMENT PROGRAMME

A Faculty Development Programme (FDP) is designed to

- enhance the teaching and other skills.
- make them aware about modern teaching tools and methodologies.
- acquire knowledge about current technological developments in relevant fields.
- impart professional practices relevant to technical education.
- achieve competitive teaching and learning environment and
- channelize development with respect to academic qualifications and personal matters.

Name of the Department	Civil Engineering
Name of the Head of the Department	Bindu Sebastian

Technical Field of proposal

Surveying

Title of proposal

Training on Total Station Surveying

Add rows as required

Abstract

This training will make the faculty aware about the Total Station Surveying. The faculty will acquire knowledge about the features and method of surveying using Total Station instrument.

Add rows as required


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Objective

To make aware and acquire knowledge about surveying using Total Station instrument.

Add rows as required

Project Impact -Expected outcome

To equip our self to handle surveying works using Total Station instrument effectively.

Level of activity (Regional / National / International) and target audience

Regional – Faculty, Department of Civil Engineering

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
August 27 th	One day	Lecture by / Demonstration /	KMEA	Survey Lab

Add rows as required

Eminent personalities expected to participate-nil

Name	Designation	Organization	Activity
Shaibu	Surveyor,Kollam	Govt .	Workshop

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.-nil

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p articpating	Financial commitment* in Rs.
Nil					
Total Rs.					

*Mention role of Industry/organisation.

Add rows as required..

*Attach copy of letters received from participating industry showing intent / financial commitment etc.

Similar event organized by the Department earlier, if any.

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Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/Govt Agencies, Rs.
FDP	Seminar	2 nd February	Regional	Nil	Nil

Add rows as required..

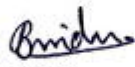
Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsors hips	Assistance from funding agency.
Stationery				
Travel, Stay (Resourse Persons)	10000			
Printing(Brochure,Certificates etc)				
Refreshment and Food	500			
Honorarium/Memento				
Other(specify each heading)				
Total	10500	10500		

Add rows as required.

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Soni Syed	Rinsa C Jaleel
Exact designation	Assistant Professor	Assistant Professor
Department	Civil Engineering	Civil Engineering
Cell number	9539243730	9447726219
Email	ssd.ce@kmeacollege.ac.in	ric.ce@kmeacollege.ac.in
Signature		


HOD


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EDATHALA-683561




DIRECTOR

KMEA ENGINEERING COLLEGE

Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL**EVENT REPORT**

Date of event:	04/02/2016	Program Coordinators name and contact details:	Ms. Veena K Viswam
Name of Event: Students Workshop on Hardware Familiarization , Assembling and PC Modding			
Organized by: Computer Science and Engineering Department			
Sponsored by:			

Objective of the event for budding engineers to enrich their knowledge about PC Hardware and PC Modding

Overview of the sessions

- The session was inaugurated in the presence of Director Dr. T.M. Amar Nishad and Principal Dr. T.K. Mani at 9.30 am on 04/02/2016. The session was handled by a group of people.
- During the first session, Mr. Sanoob A. Rahman of S8 CSE familiarized the components of PC hardware. In the session they familiarize the Mother Board and its components, different ports, SMPS, front panel connections and also familiarize the connections in hardware assembling.
- In the second session Mr. Mohammed Azhar C.S. of S6 CSE gave innovative ideas on PC Modding and water cooling PC. In this Session he gave an awareness on various tools used in PC modding. The seminar gave the idea about how to assemble water coolend PC. A hands-on session of Hardware Assembling was handled for 11 groups of participants under the guidance of students of S8 CSE.

Consolidated feedback received from the participants

The students are really interested to understand the basics of hardware assembling and came with doubts and hands on problems they faced during the PC assembly.



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KMEA ENGINEERING COLLEGE
DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING
Attendance List

Sl no	Name of student
1	ABDUL JABAR M A
2	AJMAL NASEER
3	ALFIYA C MEERAN
4	ALFIYA M.A
5	AMAL.M.N
6	AMEEN AHMED A P
7	AMEER EBRAHIM
8	AMIYA NASEER
9	ANCIYA BACKER
10	ANJANA SAJEEVAN
11	ARSHINA K
12	ARUN.A.G
13	ARUN G
14	ASHISH SONI
15	ASISH ANTONY
16	ASWATHY ANAND
17	ATHUL KRISHNA P B
18	AZARUDEEN P N
19	EVIN PRASAD
20	FARHAN S
21	FASNEEM NAZEER
22	FIROSE.K.SHANAVAS
23	JACKSON ANTONY
24	JAIRUS JELSON
25	JESNA.M.S
26	JOEL P THOMAS
27	JOHN MATHEW PHILIP
28	JOSHUA P JIMSON
29	K M FATHIMA FARZANA
30	K M MUHAMMED RAMEEZ
31	LIJA JUDE
32	MN NOUFAL
33	MALAVIKA DILEEP



Sheet1

34	MARY CELIN A.X
35	Midhun.M
36	MIRSHA ASHFAKII SHAN T
37	MOHAMMED ANSAR K
38	MOHAMMED ASLAM
39	MOHAMMED UNAISE K.U
40	MOHITH KISHAN K
41	muhammed shibli.a.p
42	MUHAMMED SHIHAB V K
43	POORIMA.S
44	PREETHU DANIEL
45	RAHEENAMOL M R
46	Raieza A.K
47	RUKSANA FARHATH
48	SHINI K N
49	SIYANA N
50	SOOFIYA V.H
51	SOORAJS
52	SRUTHI MOL E K
53	THASNL.T.A
54	VISHNU MURALI
55	VYSHNAVI RAVEENDRAN



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ONE DAY WORKSHOP ON CYBER FORENCIS ETHICKAL HACKING

DATE	SESSION	Faculty	SESSION2:10.0	SESSION3:11.30am	SESSION3:01.
	N1.9.30a m- 10.00am		0am-11.30pm	-12.30pm	30pm-03.30pm
04.02.16	Inaugur ation	Dr.T K Mani Principal , KMEA	PC Hardware Assembling Demonstration	Mr.Sanoob A Rahman S8 CS	PC Modding
				Mr.Mohammed Azhar C S S6 CS	Lunch break:11:00a m-11:00 am
					Hands on workshop on PC Assembling
					Mr.Sanoob A Rahman, Mr.Mohammed Azhar




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Conclusion and Outcome

The student got a basic knowledge about hardware components. They also got a knowledge about how to assemble different hardware components. Students are introduced to the advanced Assembling method.

Program Coordinators

Name: Ms. Veena K Viswam

Signature: 

TEP Cell Dept. Coordinators

1. Name: Ms. Selin M


Signature: 

2. Name: Ms. Maria Joy

Signature: 

HOD

Name: Ms. Rekha Lekhsmanan

Signature: 





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EDATHALA-683561

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Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	16-02-2016 & 18-02-2016	Program Coordinators name and contact details:	MR. SAJIN JOSE Manager – Trainings SIGMOS INDIA 3rd Floor, City Point Bldg., Swami Chinmayananda Road, Jos Junction, Ernakulam. Pin - 682016. Web: www.sigmos.in
Name of Event: TWO DAY WORKSHOP ON ELECTRICAL SYSTEM DESIGN			
Organized by: SIGMOS INDIA			

1) **Objective of the event**
To give practical insight into the principles of Electrical system design and installations.

2) **Write a brief overview of the following sessions in min 8 sentences each**

- **Inaugural Session with date, time and details of guests**
Inaugural session of the program commenced at 9.30am on 16/2/2016. The HOD and all the faculties of EEE department were present. The manager-trainings of SIGMOS INDIA, Mr. Sajin Jose and two supporting staff were present for presiding over the function.


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- Different Sessions with date, time and details of speakers/ chairs and the contents delivered or training conducted (write separate paragraphs for each session)

16/2/16

Session- I:

Fundamentals of Electrical Design Engineering & Load Estimation of Plants

Session II:

Development of Single Line Diagrams & Control Schematics

18/2/16

Session III :

Introduction to Electrical Equipments Selection Sizing
Basic Introduction about Hazardous Area Classification.
Hands On Session on Electrical CAD

Session IV:

Demonstration of electrical substation at the college.

3) Consolidated feedback received from the participants

- Awareness on electrical system design of multistoreyed buildings and industrial installations.
- The content of the workshop was very much informative and helpful for future career.
- Hands on session helped to work on electrical cad
- Familiarization of the present scenario of electrical systems
- The sessions gave motivation to select an interesting career.

4) Conclusion and Outcome

The workshop helped the students to correlate the theory and the practical aspects of the electrical system.




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5) Recommendations or Suggestions, if any, for future events

It is better to include more practical sessions in similar workshops in future

Program Coordinators

Name: FEMY P.H, ABIDA C.A

Signature: Femy P.H Abida C.A
29/2/16 29/2/16

TEP Cell Dept. Coordinators

1. Name : FEMY P.H

Signature: Femy P.H
29/2/16

2. Name : ABIDA C.A

Signature: Abida C.A
29/2/16

HOD

Name : FAREEDA A.K

Signature :

Fareeda A.K
29/2/16



Principal

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KMEA ENGINEERING COLLEGE			
ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT			
TWO DAYS WORKSHOP ON ELECTRICAL SYSTEM DESIGN – PROGRAM SCHEDULE			
DATE	SESSION	TIME	TOPIC
16/02/16	SESSION I	9.30AM – 12.30PM	Fundamentals of electrical design engineering & load estimation of plants
	SESSION II	1.30PM – 3.30PM	Development of single line diagrams & control schematics
18/02/16	SESSION III	9.30AM – 12.30PM	Introduction to electrical equipments selection sizing, basic introduction about hazardous area classification, hands on session on electrical CAD
	SESSION IV	1.30PM – 3.30PM	Demonstration of electrical substation at the college.


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KMEA ENGINEERING COLLEGE

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

TWO DAYS WORKSHOP ON ELECTRICAL SYSTEM DESIGN - STUDENT LIST

SL NO:	NAME	SIGNATURE
1	ABDUL BASIL. T	
2	AHAMED NAEEM	
3	AMMU VARGHESE	
4	ANJALY DAS	
5	ANJU S NADH	
6	ASHNA JOSE	
7	ATHIRA ANILKUMAR	
8	ATHIRA V.S	
9	BAIJU ANTONY	
10	EBIN JOSE	
11	HAFIZ	
12	JUHI JAMES	
13	MADONA VARGHESE	
14	MITHUN .R	
15	MOHAMED ZAMIL K.R	
16	MUHAMMED AJAS K.L	
17	MUHAMMED SAFAL K A	
18	NAFSHA K.P	
19	NASIYA NAVAS	
20	SHABAS T.S	
21	SHALIMA KAREEM	
22	SHIJILA . A.S	
23	VISHNUPRIYA V M	
24	ABDUL FATHAH M. ASLAM	
25	K.N MANSHAD	

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KMEA ENGINEERING COLLEGE

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

TWO DAYS WORKSHOP ON ELECTRICAL SYSTEM DESIGN - ATTENDANCE

SL NO:	NAME	16/02/16		18/02/16		SIGNATURE
		SESSION I (9.30am - 12.30pm)	SESSION II (1.30pm - 3.30pm)	SESSION III (9.30am - 12.30pm)	SESSION IV (1.30pm - 3.30pm)	
1	ABDUL BASIL. T	✓	✓	✓	✓	<i>[Signature]</i>
2	AHAMED NAEEM	✓	✓	✓	✓	<i>[Signature]</i>
3	AMMU VARGHESE	✓	✓	✓	✓	<i>[Signature]</i>
4	ANJALY DAS	✓	✓	✓	✓	<i>[Signature]</i>
5	ANJU S NADH	✓	✓	✓	✓	<i>[Signature]</i>
6	ASHNA JOSE	✓	✓	✓	✓	<i>[Signature]</i>
7	ATHIRA ANILKUMAR	✓	✓	✓	✓	<i>[Signature]</i>
8	ATHIRA V.S	✓	✓	✓	✓	<i>[Signature]</i>
9	BAJU ANTONY	✓	✓	✓	✓	<i>[Signature]</i>
10	EBIN JOSE	✓	✓	✓	✓	<i>[Signature]</i>
11	HAFIZ	✓	✓	✓	✓	<i>[Signature]</i>
12	JUHI JAMES	✓	✓	✓	✓	<i>[Signature]</i>
13	MADONA VARGHESE	✓	✓	✓	✓	<i>[Signature]</i>
14	MITHUN .R	✓	✓	✓	✓	<i>[Signature]</i>
15	MOHAMED ZAMIL K.R	✓	✓	✓	✓	<i>[Signature]</i>
16	MUHAMMED AJAS K.L	✓	✓	✓	✓	<i>[Signature]</i>
17	MUHAMMED SAFAL K A	✓	✓	✓	✓	<i>[Signature]</i>
18	NAFSHA K.P	✓	✓	✓	✓	<i>[Signature]</i>
19	NASIYA NAVAS	✓	✓	✓	✓	<i>[Signature]</i>
20	SHABAS T.S	✓	✓	✓	✓	<i>[Signature]</i>
21	SHALIMA KAREEM	✓	✓	✓	✓	<i>[Signature]</i>
22	SHUJILA . A.S	✓	✓	✓	✓	<i>[Signature]</i>
23	VISHNUPRIYA V M	✓	✓	✓	✓	<i>[Signature]</i>
24	ABDUL FATHAH M. ASLAM	✓	✓	✓	✓	<i>[Signature]</i>
25	K.N MANSHAD	✓	✓	✓	✓	<i>[Signature]</i>

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Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRONICS AND INSTRUMENTATION
Name of the Head of the Department	SHEEJA.D.S

Technical Field of proposal
PROCESS CONTROL AND INSTRUMENTATION

Title of proposal - Seminar / Symposium / Workshop Title
WORKSHOP ON PROCESS CONTROL AND INSTRUMENTATION

Abstract

- FAMILIARISATION OF DIFFERENT SENSORS, PROCESS STATIONS ETC.

Objective and Level of activity (Regional / National / International) and target audience

REGIONAL

TARGET AUDIENCE-S6 AND S8 STUDENTS OF EIE,ECE,EEE,ME

Project Impact -Expected outcome - academic / social / commercial

EXPOSURE TO PROCESS INSTRUMENTATION IN INDUSTRY.
IMPLEMENTATION OF DIFFERENT CONTROLLERS AND CONTROL SYSTEMS -LIVE DEMONSTRATION



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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
4-3-16,5-3-16	9.30-4.00	SEMINAR AND DEMONSTRATION	PROCESS CONTROL LAB	SEATING ARRANGEMENT FOR 60 STUDENTS ARRANGEMENT FOR POWER POINT PRESENTATION LABORATORY FACILITIES FOR DEMONSTRATION

Eminent personalities expected to participate

Name	Designation	Organization	Activity
		Z-AKSIS TECHNOLOGICAL SOLUTIONS	SPEAKER

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p participating	Financial commitment* in Rs.
ISOI					
Total Rs.					

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.



[Signature]
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Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)	Rs.500 per student(expecting 120 students)			
Total	60000			

Max. assistance 2 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	AFSAL UMAR	MANJUSHA T.S
Exact designation	ASSISTANT PROFESSOR	ASSISTANT PROFESSOR
Department	EIE	EIE
Cell number		7293268612
Email		mts.ei@kmeacollege.ac.in
Signature		

HOD

Shriya D.S

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Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRONICS AND INSTRUMENTATION
Name of the Head of the Department	SHEEJA.D.S

Technical Field of proposal

CAREER SPECIALISATION IN ELECTRONICS AND INSTRUMENTATION

Title of proposal - Seminar / Symposium / Workshop Title

SEMINAR ON CAREER SPECIALISATION IN ELECTRONICS AND INSTRUMENTATION

Also rows as required

Abstract

- CURRENT AND FUTURE TRENDS IN INDUSTRIAL AUTOMATION
- SPECIALISATION AND RESEARCH OPPURTUNITIES FOR STUDENTS
- SKILL DEVELOPMENTS AND EMPLOYABILITY ENHANCEMENT FOR FRESH ENGINEERS

Also rows as required

Objective and Level of activity (Regional / National / International) and target audience

REGIONAL-S6 , S8 STUDENTS AND FACULTY OF EIE ,CAN INCLUDE STUDENTS OF S8 EEE

Also rows as required



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Project Impact - Expected outcome - academic / social / commercial

TO CREATE AWARENESS AMONG STUDENTS ABOUT NEW DEVELOPMENTS IN PROCESS INDUSTRIES AND AUTOMATION. ALSO TO GIVE GUIDELINES FOR PLACEMENTS IN INSTRUMENTATION FIELD.

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
6-2-2016	FN	Lecture by Noby Sebastian	Conference hall.	Seating arrangement for 100 people. Facility for power point presentation.

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Noby Sebastian	ENGINEER	SMEC AUTOMATION	SPEAKER

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p participating	Financial commitment ^o in Rs.
ISOI					
Total Rs.					

Similar event organized by the Institute earlier, if any.

Type of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
SEMINAR	RECENT TRENDS IN PROCESS INSTRUMENTATION	30-9-15	REGIONAL	RESOURCE PERSON FROM YOKOGAWA	NO



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Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	1500	1500	NIL	NIL
Stationery, printing,	NIL	NIL	NIL	NIL
Travel, Stay and DA	500	500	NIL	NIL
Other(pls write each heading in each row)				
Total	2000	2000		

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Shaila C.K	Merlin Rose Sebastian
Exact designation	Assistant Professor	Assistant Professor
Department	EIE	EIE
Cell number	9495840616	9995824122
Email	sck.ei@kmeacollege.ac.in	mrs.ei@kmeacollege.ac.in
Signature		


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Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	1500	1500	NIL	NIL
Stationery, printing,	NIL	NIL	NIL	NIL
Travel, Stay and DA	500	500	NIL	NIL
Other(pls write each heading in each row)				
Total	2000	2000		

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Shaila C.K	Merlin Rose Sebastian
Exact designation	Assistant Professor	Assistant Professor
Department	EIE	EIE
Cell number	9495840616	9995824122
Email	sck.ei@kmeacollege.ac.in	mrs.ei@kmeacollege.ac.in
Signature		

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Proforma for submission of proposal under the scheme

FACULTY DEVELOPMENT PROGRAMME

A Faculty Development Programme (FDP) is designed to

- enhance the teaching and other skills.
- make them aware about modern teaching tools and methodologies.
- acquire knowledge about current technological developments in relevant fields.
- impart professional practices relevant to technical education.
- achieve competitive teaching and learning environment and
- channelize development with respect to academic qualifications and personal matters.

Name of the Department	ELECTRONICS AND INSTRUMENTATION
Name of the Head of the Department	SHEEJA.D.S

Technical Field of proposal

Introduction to automation-PLC and SCADA.

Title of proposal

TWO DAY WORKSHOP ON "Introduction to automation-PLC and SCADA."

Abstract

Different methods for implementing automation.

Automation system design – different components

Architecture of PLCs – Different modules

Ladder diagram implementation

SCADA Packages

Role of SCADA in industrial automation

SCADA system configuration, RTU, communication protocols.

Objective

To understand the concepts of Industrial Automation.

To apply the knowledge in implementing PLC and SCADA.



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Project Impact -Expected outcome

Enhanced understanding of Industrial Automation

Level of activity (Regional / National / International) and target audience
Regional-faculties of EIE,ECE,EEE,ME of our college and from other colleges.

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
3-5-16 and 4-5-16	9.30-4.00	Lecture and demonstration	Confer ence hall, process control laborat ory	Seating arrangement for 30 faculties facility for power point presentation lab facility for demonstration

Eminent personalities expected to participate

Name	Designati on	Organization	Activity
		IPCS (Ingenious Power & Control Systems Pvt. Ltd.)	SPEAKER

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p articipating	Financial commitment [*] in Rs.
ISOI					
Total Rs.					

Similar event organized by the Department earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional National / International)	Name of by external body involved, if	Grant/Fund received by AICTE/Govt Agencies, Rs.



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				any	

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsors	Assistance from funding agency.
Stationery	3000			
Travel, Stay (Resource Persons)/COURSE FEE	40,000			
Printing(Brochure,Certificates etc)	3000			
Refreshment and Food	8000			
Honorarium/Memento				
Other(specify each heading)				
Total	54,000			

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	SHAILA.C.K	MERLIN ROSE SEBASTIAN
Exact designation	ASSISTANT PROFESSOR	ASSISTANT PROFESSOR
Department	EIE	EIE
Cell number	9495840616	9995824122
Email	sck.ei@kmeacollege.ac.in	mrs.ei@kmeacollege.ac.in
Signature		<i>[Signature]</i>

HOD *[Signature]*
Shyama D.S

[Signature]
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[Signature]
DIRECTOR



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255

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Proforma for submission of proposal under the scheme
SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRONICS AND INSTRUMENTATION
Name of the Head of the Department	SHEEJA.D.S

Technical Field of proposal
INTRODUCTION TO PSPICE

Title of proposal - Seminar / Symposium / Workshop Title
WORKSHOP ON INTRODUCTION TO PSPICE

Abstract
Familiarisation of software used
Design and simulation

Objective and Level of activity (Regional / National / International) and target audience

REGIONAL

TARGET AUDIENCE-S6 STUDENTS OF EIE

Project Impact -Expected outcome - academic / social / commercial

EXPOSURE TO PSPICE


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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
15-2-16,19-2-16	AN	SEMINAR AND DEMONSTRATION	SYSTEM SIMULATION LAB	SEATING ARRANGEMENT FOR 30 STUDENTS ARRANGEMENT FOR POWER POINT PRESENTATION LABORATORY FACILITIES FOR DEMONSTRATION

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
AFSAL UMAR	ASSISTANT PROFESSOR DEPT.OF EIE		SPEAKER

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role* in collaborating/p participating	Financial commitment* in Rs.
ISOI					
Total Rs.					

*Mention role of Institute/organisation
Add rows as required**Similar event organized by the Institute earlier, if any.**

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
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Budget Estimates

Add rows as required.

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	NIL			
Stationery, printing,	NIL			
Travel, Stay and DA	NIL			
Other(pls write each heading in each row)	NIL			
Total				

Add rows as required.
Head of expenditure

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	MANSY M MUHAMMED	DIVYA.P.V
Exact designation	ASSISTANT PROFESSOR	ASSISTANT PROFESSOR
Department	EIE	EIE
Cell number	8547352029	9048402858
Email	mmm.ei@kmeacollege.ac.in	dvp.ei@kmeacollege.ac.in
Signature		

HOD

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DIRECTOR

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1,1 (29)

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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRONICS AND INSTRUMENTATION
Name of the Head of the Department	SHEEJA.D.S

Technical Field of proposal
QUIZ COMPETITION

Title of proposal - Seminar / Symposium / Workshop Title
QUIZ COMPETITION FOR S2 STUDENTS-ONE TEAM(2 STUDENTS) FROM EACH DEPARTMENT

Abstract
Basic science,latest technology,general knowledge

Objective and Level of activity (Regional / National / International) and target audience

REGIONAL

TARGET AUDIENCE-S2 STUDENTS OF ALL BRANCHES

Project Impact -Expected outcome - academic / social / commercial

TEAM WORK,ENCOURAGE STUDENTS TO LOOK BEYOND THEIR TEXTUAL KNOWLEDGE AND ESTABLISH A RELATIONSHIP BETWEEN THEORY AND APPLICATION OF THE LEARNT CONCEPTS



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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
5-3-16	FN	QUIZ COMPETITION	CONFERENCE HALL	SEATING ARRANGEMENT FOR 16 STUDENTS ARRANGEMENT FOR POWER POINT PRESENTATION

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p participating	Financial commitment [*] in Rs.
ISOI					
Total Rs.					

^{*}Mention role of Industry/organization.

Add rows as required.

^{*}Attach copy of letters received from participating industry showing intent financial commitment etc.

[Signature]

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Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorshi ps	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,	500	500		
Travel, Stay and DA				
Other(pls write each heading in each row	PRIZE-1000	1000		
Total	1500			

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	JASNA.K.AZEEZ	
Exact designation	ASSISTANT PROFESSOR	
Department	EIE	
Cell number	8547441534	
Email	jka.ei@kmeacollege.ac.in	
Signature		

HOD *[Signature]*

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Proforma for submission of proposal under the scheme

FACULTY DEVELOPMENT PROGRAMME

A Faculty Development Programme (FDP) is designed to

- enhance the teaching and other skills.
- make them aware about modern teaching tools and methodologies.
- acquire knowledge about current technological developments in relevant fields.
- impart professional practices relevant to technical education.
- achieve competitive teaching and learning environment and
- channelize development with respect to academic qualifications and personal matters.

Name of the Department	ELECTRICAL & ELECTRONICS ENGINEERING
Name of the Head of the Department	Dr.HASEENA H

Technical Field of proposal
ELECTRICAL CAD

Title of proposal
ONE DAY WORKSHOP ON ELECTRICAL CAD

Add rows as required

Abstract

Auto CAD electrical is a powerful drafting software for control and schematic design. This software is rich with repositing of symbol libraries which help designers to increase the productivity of electrical design task. AutoCAD training is the perfect way to gain the skills needed to create and edit a variety of drafting and modelling concepts for engineering, design and more.

Objective

To develop skills in computer aided drafting of electrical machines & layout of various electrical installation

Project Impact -Expected outcome



Expected to get the basic concepts of electrical CAD and use of key commands of Autocad, enough to run and print technical drawings in 2D and 3D

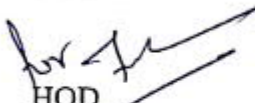


1
PRINCIPAL
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Add rows as required.

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	FEMY P.H	ABIDA C.A
Exact designation	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR
Department	EEE	EEE
Cell number	9496804382	9995081177
Email	fph.ee@kmeacollege.ac.in	aca.aa@kmeacollege.ac.in
Signature		


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Level of activity (Regional / National / International) and target audience
EEE FACULTY

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
19/3/16 MARC H 19	9AM - 4PM	LECTURE & DEMONSTRATION	CONFERENCE HALL	CAD lab, printer

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Mrs.Namitha Menon	Expert in CAD Design	-	Keynote address / Chairing sessions / Speaker / Advisors / Reviewers / Sponsorer

Add rows as required

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsors hips	Assistance from funding agency.
Stationery				
Travel, Stay (Resource Persons)	6000/-			
Printing(Brochure,Certificates etc)	500/-			
Refreshment and Food	1000/-			
Honorarium/Memento				
Other(specify each heading)				
Total	7500/-			

KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRICAL & ELECTRONICS ENGINEERING
Name of the Head of the Department	Dr.HASEENA H

Technical Field of proposal

ELECTRICAL CAD, ELECTRICAL SYSTEM DESIGN, CAREER GUIDANCE PROGRAM

Title of proposal - Seminar / Symposium / Workshop Title

ONE DAY WORKSHOP ON ELECTRICAL CAD FOR S6 EEE STUDENTS

TWO DAY WORKSHOP ON ELECTRICAL SYSTEM DESIGN FOR S6&S8 STUDENTS

AFTER B-TECH IN EEE WHAT NEXT?- CAREER GUIDANCE PROGRAM FOR S8 EEE STUDENTS

Abstract

WORKSHOP ON ELECTRICAL CAD - Auto CAD electrical is a powerful drafting software for control and schematic design. This software is rich with repositing of symbol libraries which help designers to increase the productivity of electrical design task. AutoCAD training is the perfect way to gain the skills needed to create and edit a variety of drafting and modelling concepts for engineering, design and more.

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WORKSHOP ON ELECTRICAL SYSTEM DESIGN - In India and abroad Employers demand well-trained, qualified Electrical System Engineers that can work in both traditional and emerging technologies. Electrical Design has a huge demand in many segments like design, manufacture and installation of power and distribution systems, Sub-stations Design, commercial and Domestic interior lighting, selection of protective device, CCTV System Design, design of security system, design of fire alarm systems, design of low current systems and Sound Systems design.

AFTER B-TECH IN EEE WHAT NEXT? - CAREER GUIDANCE PROGRAM - The present day competitive environment strongly demands that the academia and the industry knowledge work in partnership so as to enable the students derive maximum benefit. It has become increasingly cardinal for the students to bridge the gap between the academia and the industry requirements. Usually after completing the graduation/post graduation in EEE students are not aware of the venues open to them.

Objective and Level of activity (Regional / National / International) and target audience

WORKSHOP ON ELECTRICAL CAD - To develop skills in computer aided drafting of electrical machines & layout of various electrical installation

WORKSHOP ON ELECTRICAL SYSTEM DESIGN - To give a practical insights into the principles of Electrical design. .

AFTER B-TECH IN EEE WHATNEXT?- CAREER GUIDANCE PROGRAM -To assist students in their career planning and to provide information that helps the students to give a direction to their aspirations and interests.

Add rows as required

Project Impact -Expected outcome - academic / social / commercial

WORKSHOP ON ELECTRICAL CAD - Expected to get the basic concepts of electrical CAD and use of key commands of Autocad, enough to run and print technical drawings in 2D and 3D

WORKSHOP ON ELECTRICAL SYSTEM DESIGN - Expected to get basics of electrical system design

AFTER B-TECH IN EEE WHATNEXT?- CAREER GUIDANCE PROGRAM - Expected to provide students information needed to choose a career that is well matched to their personality, so that they can find enjoyment, fulfillment, and success in their work.

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
WORKSHOP ON ELECTRICAL SYSTEM DESIGN - FEBRUARY 16	9AM - 4PM	DEMONSTRATION	CONFERENCE HALL	-
WORKSHOP ON ELECTRICAL CAD - MARCH 4	9AM - 4PM	DEMONSTRATION	CONFERENCE HALL	CAD LAB, PRINTER
AFTER B-TECH IN EEE WHAT NEXT? - CAREER GUIDANCE PROGRAM - APRIL 13	9AM - 12PM	TALK	CONFERENCE HALL	-

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
S. Jose	Manager - Trainings	Sigmos India	WORKSHOP ON ELECTRICAL SYSTEM DESIGN
Mrs. Namitha Menon	Expert in CAD Design	-	WORKSHOP ON ELECTRICAL CAD
Mr. Jose Prakash	Managing Director	EXACTCORP ENTERPRISE SERVICES PVT LTD	AFTER B-TECH IN EEE WHAT NEXT? - CAREER GUIDANCE PROGRAM



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Budget Estimates (WORKSHOP ON SYSTEM DESIGN)

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	6000/-			
Stationery, printing,	500/-			
Travel, Stay and DA				
Other(pls write each heading in each row)	1000/-			
Total	7500/-			



Budget Estimates (WORKSHOP ON ELECTRICAL CAD)

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	6000/-			
Stationery, printing,	1000/-			
Travel, Stay and DA				
Other(pls write each heading in each row)	2000/-			
Total	9000/-			

Budget Estimates (AFTER B-TECH IN EEE WHAT NEXT?)

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	5000/-			
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)	2000/-			
Total	7000/-			

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	FEMY P.H	ABIDA C.A
Exact designation	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR
Department	EEE	EEE
Cell number	9496804382	9995081177
Email	fph.ee@kmeacollege.ac.in	aca.ee@kmeacollege.ac.in
Signature		


HOD


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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

FACULTY DEVELOPMENT PROGRAM

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Computer Science and Engineering
Name of the Head of the Department	Mrs. Rekha Lakshmanan

Technical Field of proposal
Security

Title of proposal - Seminar / Symposium / Workshop Title
Seminar / Workshop on Security

Abstract
Introduction to Security concepts and hands on workshop on security tool.

Objective and Level of activity (Regional / National / International) and target audience

Project Impact -Expected outcome - academic / social / commercial.

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
April 28, 29 1/5/2016 and 3/5/2016				

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Eminent personalities expected to participate

Name	Designation	Organization	Activity
DR. VINOD P.	Assoct Prof M.Tech (IT), Ph. D	SCMS School of Engineering & Technology	

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p articipating	Financial commitment* in Rs.
Total Rs.					

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorshi ps	Assistance requested from Council (R)
Remuneration to speakers	10,000			
Stationery, printing,	1,000			
Travel, Stay and DA	1,000			
Refreshment	1,000			
Total	13,000			



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 R. K. K. (cc)
 1100 (cc)

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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

WORKSHOP

Name of the Department	Computer Science and Engineering
Name of the Head of the Department	Mrs. Rekha Lakshmanan

9) Technical Field of proposal
Data Mining

Title of proposal - Seminar / Symposium / Workshop Title
Hands on workshop on Data Mining using Python Language

Add rows as required

Abstract

Data mining is an interdisciplinary subfield of Computer Science. It is the computational process of discovering patterns in large data sets ("big data") involving methods at the intersection of artificial intelligence, machine learning, statistics, and database systems. The overall goal of the data mining process is to extract information from a data set and transform it into an understandable structure for further use. Aside from the raw analysis step, it involves database and data management aspects, data pre-processing, model and inference considerations, interestingness metrics, complexity considerations, post-processing of discovered structures, visualization, and online updating. Data mining is the analysis step of the "knowledge discovery in databases" process. Workshop is conducted on python programming language.

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Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

Identify research opportunities in Data Mining, and applications to B.Tech and M.Tech students.

Add rows as required

Project Impact -Expected outcome - academic / social / commercial

Emerging research field, students will get a basic concepts in data mining, and the M.Tech students can select this area for their research works.

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
18/2/2016 18/02/2016	9.30 am – 11.30 pm	Introduction on Data Mining	Linux Lab	30 Desktops
	11.30 – 3.30 pm	Hands on session		

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Dr. Sreeraj M	Asst. Prof (Special Grade)	FISAT, Angamally	Introduction session, data mining concepts in python programming, classification and applications.

Add rows as required


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Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment [#] in Rs.
Nil					
Total Rs.					

[#] Mention role of Industry/organisation.

Add rows as required.

Attach copy of letters received from participating industry showing intent financial commitment etc.

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOV T Agencies Rs.
Python Programming	Python	One day	Regional	Mr.Pankaj Kumar G	Nil
Basics of Python	Phython	10/02/2016	Regional	Nil	Nil

Add rows as required.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	5,000			

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Stationery, printing,	5,00			
Travel, Stay and DA	5,00			
Refreshment	1,000			
Total	7,000			

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Selin M	Maria Joy
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science and Engineering	Computer Science and Engineering
Cell number	9446164118	9497278540
Email	snm.cs@kmeacollege.ac.in	mjy.cs@kmeacollege.ac.in
Signature	??	??

Pro
HOD 28/1/16

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Director
DIRECTOR

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Proforma for submission of proposal under the scheme

WORKSHOP

Name of the Department	Computer Science and Engineering
Name of the Head of the Department	Mrs. Rekha Lakshmanan

Technical Field of proposal
Workshop on Basics of Python

Title of proposal - Seminar / Symposium / Workshop
Workshop on Python

Abstract
Introduction to emerging area Python and basic syntax and programs of Python

Objective and Level of activity (Regional / National / International) and target audience

The Python is a high-level, interpreted, interactive and object-oriented scripting language. Python was designed to be highly readable which uses English keywords frequently whereas other languages use punctuation and it has fewer syntactical constructions than other languages. Our target audience are students and faculties in Computer Science department.

Project Impact -Expected outcome - academic / social / commercial

Students and faculty will get a basic awareness on Python and also helps to create an exposure to the current area.



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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
10/02/2016	1.30 pm – 4.15pm	Introduction to Python and basic programs of Python	Linux Lab	30 systems with open source software, having UPS backup.
20/02/2016	9.00 am- 1.00 pm	Introduction to Python and basic programs of Python	Linux Lab	15 systems with open source software, having UPS backup.

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Soumya Joseph	Assistant Professor	KMEA Engg. College	Introduction to Python Programming

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/ participating	Financial commitment ^e in Rs.
Nil					
Total Rs.					

Similar event organized by the Institute earlier, if any.


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Title of the activity	Subject	Date from-to (Latest first)	Level (Regional National International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GO VT Agencies Rs.
Nil					

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing.				
Travel, Stay and DA				
Refreshment				
Total	Nil			

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Selin M	Maria Joy
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science and Engineering	Computer Science and Engineering
Cell number	9446164118	9497278540
Email	snm.cs@kmeacollege.ac.in	mjy.cs@kmeacollege.ac.in
Signature		

HOD 30/1/16



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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

Seminar

Name of the Department	Computer Science and Engineering
Name of the Head of the Department	Mrs. Rekha Lakshmanan

Technical Field of proposal

Cyber Forensics

Title of proposal - Seminar / Symposium / Workshop Title

Demonstration on Cyber Security tools

Abstract

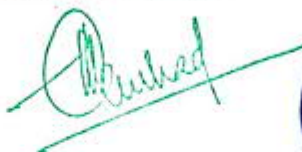
Introduction to open source tools, introduction to ethical hacking and demonstration using the tool.

Objective and Level of activity (Regional / National / International) and target audience

The goal of computer forensics is to examine digital media in a forensically sound manner with the aim of identifying, preserving, recovering, analyzing and presenting facts about the digital information.

Project Impact -Expected outcome - academic / social / commercial

Students will get a basic awareness on open source and basic cyber security mechanisms



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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
18/03/2016	9.00 am – 10.30 am	Introduction on Open Source	Linux Lab	30 systems with open source software, having UPS backup.
	10.45 am – 1.00 pm	Introduction to Ethical hacking Tool and Demonstration of Hacking		

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Jacob	Cyber Forensic Security Consultant	ILUG Cochin	Introduction to open source tools, introduction to ethical hacking and demonstration using the tool.

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating /participating	Financial commitment* in Rs.
CSI	MS. MANJUSHA DEVI S. Chairman SBC CSI Cochin chapter		MS. MANJUSHA DEVI S. Chairman SBC CSI Cochin chapter E-mail : manjushadevi@yahoo.com Contact:0484-2783933(R)		
Total Rs.					


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Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
Ethical Hacking	Information Security	12/9/2013	Regional	Manu Zacharia	Nil

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	3,000			
Stationery, printing,	500			
Travel, Stay and DA	500			
Refreshment	1,200			
Total	5,200			

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Selin M	Maria Joy
E: designation	Associate Professor	Assistant Professor
Department	Computer Science and Engineering	Computer Science and Engineering
Cell number	9446164118	9497278540
Email	snm.cs@kmeacollege.ac.in	mjy.cs@kmeacollege.ac.in
Signature		


HOD 30/1/16


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Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Civil Engineering
Name of the Head of the Department	Mrs. Bindu Sebastian

Technical Field of proposal Structural Engineering

Title of proposal - Seminar / Symposium / Workshop Title
Talk on recent developments in Structural Engineering

Add rows as required

Abstract

This program focuses on the importance of structural engineering and new trends followed in construction industry. The session also covers the behaviour of a high rise building against earth quake loading.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience
Target Audience : 100 nos (students of our college)

Add rows as required

Project Impact -Expected outcome - academic / social / commercial

Participants will be aware of the recents trends in construction industry . This will also help the participants to get an idea about the beahviour of a high rise building under dynamic load.

Add rows as required



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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
5/02/2016	9.30am-12.30pm	Lecture	Conference Hall	

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Suresh S	Managing Director	Assosciated Structural Consultants	Speaker

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment* in Rs.
Total Rs.					

*Mention role of Industry/organisation.

Add rows as required..

*Attach copy of letters received from participating industry showing intent / financial mitment etc.

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOV T Agencies Rs.
NIL					

Add rows as required.



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[Signature]

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Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	5000			
Stationery, printing,				
Travel, Stay and DA	500			
Other(pls write each heading in each row)				
Total	5500			

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Soni Syed	Elsa Paul
Exact designation	Asst.Professeor	Asst.Professeor
Department	Civil Engineering	Civil Engineering
Cell number	9539243730	8129372322
Email	ssd.ce@kmeacollege.ac.in	epl.ce@kmeacollege.ac.in
Signature		


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Proforma for submission of proposal under the scheme

SEMINAR

Name of the Department	MECHANICAL
Name of the Head of the Department	Mr. Abdul Jaleel K.T

Technical Field of proposal

Safety

Title of proposal - Seminar

Safety practices in confined spaces.

Abstract

Many factors need to be evaluated when looking for hazards in a confined space. There is smaller margin for error. An error in identifying or evaluating potential hazards can have more serious consequences. In some cases, the conditions in a confined space are always extremely hazardous. In other cases, conditions are life threatening under an unusual combination of circumstances. Many workers are injured and killed each year while working in confined spaces. An estimated 60% of the fatalities have been among the would-be rescuers. However, often it is argued that one needs more than good intentions to attempt rescue operations.

Safety rules and regulations have been widely ignored in our workplaces. Contractors and sub contractors just act as agents for counting the man hours and providing meager wages, where there is an immediate requirement for training of the laborers to ensure their safety themselves.

Objective and Level of activity (Regional / National / International) and target audience

Regional, Kubumbasree workers and other laborers

Project Impact -Expected outcome – academic / social / commercial

Social

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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
25/02/2016	9.00A.M – 1.00P.M	Lecture & Demo	Conference Hall, PSTA Block	Projector

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Adv. K.B Abdul Muthalib/ Asha sanil	Secretary Vice president	Secretary Ran dist panchayath	Inauguration
K.S George	Chairman	K.S.P.C	Keynote address
Representative	-	Fire force	Speaker

Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment ^a in Rs.
-NIL-					
Total Rs.					

Similar event organized by the Institute earlier, if any.

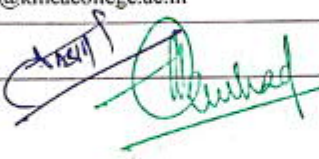
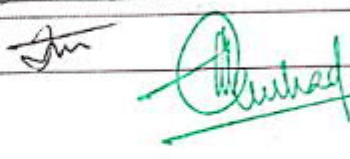
Title of the activity	Subject	Date from- to	Level	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
-Nil-					

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
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Remuneration to speakers	3500			
Stationery, printing,	500			
Travel, Stay and DA	0			
Refreshment	1500			
Total	5500/-	5500/-		

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Mr. Sabith Umer	Mr. Ferguson Aissac Fredric
Exact designation	Asst. Prof.	Asst. Prof.
Department	ME	ME
Cell number	9947922791	8089244148
Email	sab.me@kmeacollege.ac.in	faf.me@kmeacollege.ac.in
Signature		


HOD 15/02/16

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TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	29.2.16	Program Coordinators name and contact details:	SHAILA C K, ASSISTANT PROFESSOR, cell no.: 9495840616 email id: sck.ei@kmeacollege.ac.in MERLIN ROSE SEBASTIAN, ASSISTANT PROFESSOR, cell no.: 9995824122 email id: mrs.ei@kmeacollege.ac.in
Name of Event: SEMINAR ON CAREER SPECIALISATION IN ELECTRONICS & INSTRUMENTATION			
Organized by: DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION AND ISOI			
Sponsored by: KMEA ENGG COLLEGE and EISA (Electronics and Instrumentation Students Association)			

1) Objective of the event:

Create awareness about specialization and research opportunities for electrical domain students.

2) A brief overview of the session


Seminar on career specialisation in electronics and instrumentation was conducted on 29.2.16(FN) for S8 EIE & EEE students and s6 EIE students. Noby Sebastian, R&D Engineer, SMEC Automations was the resource person. The following topics were handled during the seminar:

- Current and Future Trends in Industrial Automation
- Specialization and research opportunities for electrical domain students.
- Skill developments and employability enhancement for fresh engineers.

3) Consolidated feedback received from the participants-very useful and informative


- 4) **Conclusion and Outcome**-An overview about job and research opportunities in instrumentation was given to students.

Program Coordinators

Name: Shaila C.K.
Signature: 


TEP Cell Dept. Coordinators

1. Name: Shaila C.K.

Signature: 

2. Name: 
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EDATHALA-683561



HOD
Name: Shyja
Signature: 

Sheet 2

DEPARTMENT OF ELECTRONICS AND
INSTRUMENTATION

SEMINAR ON CAREER SPECIALISATION IN
ELECTRONICS AND INSTRUMENTATION

EXPENSE TOWARDS	CREDIT	DEBIT
REMUNERATION		2000
REFRESHMENT		160
TOTAL EXPENSES		2160

Rs.2000 was issued by the college towards the expenses and Rs.160 was from EISA account.



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KMEA Engineering College

Kuzivelippady, Edathala, Ernakulam Dist, Kerala, Pin: 683 561.

Ph: 0484 2411003, 2411004

website:- www.kmeacollege.ac.in, email:- office@kmeacollege.ac.in

S8 EI

Sl.No.	Roll No	Name of Student
1	1	JUBIN MATHEW
2	2	ADITH T. N.
3	3	AJAS K. S.
4	4	AMAL ASHOK U.
5	5	AMEEN JIYADH
6	6	ANSAL ANSARY
7	7	ASHIK C. A.
8	8	DEEPAK P. R.
9	9	DEEPU OMANAKUTTAN
10	10	DIVYA M. VIJAYAN
11	11	FAASIL K. M.
12	12	HAFIZ JALEEL
13	13	HENNA V. MAJEED
14	14	IRSHAD AHAMMED A.
15	15	JIBIN JACOB
16	17	JOSIYA JOSH Y
17	18	LIJIN OOMMEN
18	19	MUHAMMED IFAN ALI N.M.
19	20	P.J. STEVE
20	21	PRINCE PAUL
21	22	AJAY KURUP R.
22	23	SHAHZAD.V. S.
23	24	SUHAIB. M.
24	25	TONY VARGHESE
25	26	VAISAKH GOPAL
26	27	VISHNU RAJEEV
27	28	ANANDA KRISHNAN. S.
28	29	NEETHULAKSHMI C. D.
29	30	NIKHIL K. P.
30	31	PRIYA WILSON
31	32	SHIMNA.M. V.

[Signature]
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KMEA Engineering College

Kuzivelippady, Edathala, Ernakulam Dist, Kerala, Pin: 683 561.

Ph: 0484 2411003, 2411004

website:- www.kmeacollege.ac.in, email:- office@kmeacollege.ac.in

S6 EI

Sl.No.	Roll No	Name of Student
1	1	A.R MITHUN
2	2	ABDUL JASIR N.V
3	3	AKASH APPU
4	4	AKHIL DEVASSYKUTTY K.D
5	5	ALLWYN VISHAK J
6	6	ANFAL MUHAMMED V.R
7	7	ARJUN P.A
8	8	ASHIF ASHARAF
9	9	ASHIQ AHAMMED ABOOBACKER
10	10	AZHAR M ASHARAF
11	11	BASIL ALIAS
12	12	MOHAMMED ANSAR P.A
13	13	MOHAMMED ASLAM K.P
14	14	MUHAMED SANOOB K.H
15	15	NAEEMA K.M
16	16	NASEEM
17	17	NIKITHA JOY
18	18	NITHIN RAJ
19	19	P.S MUHAMED SYED
20	20	RAJ MOHANAN
21	21	RAMZIK ISMAIL
22	22	RASHEEM K
23	23	SAHEER ANAS
24	24	SHAMMAS S
25	25	SHEBIN ABRAHAM
26	26	SHINAS T.S
27	27	SHIZWANA P.S
28	28	SHYRIN ABDUL JALEEL
29	29	SONET T.S
30	30	SONNET RAJ
31	31	SREENADH.C.N
32	32	SREERAJ.S
33	33	TEJAS KRISHNA T.R
34	34	THARIH MUHAZIN. V.A



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KMEA ENGINEERING COLLEGE
EDATHALA-683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	9/3/16	Program Coordinators name and contact details:	SHEEJA D S, ASSISTANT PROFESSOR, cell no.: 9447120410 email id: sds.ei@kmeacollege.ac.in RASHIDA HAMEED, ASSISTANT PROFESSOR, cell no.: 9446735924, email id: rhd.ei@kmeacollege.ac.in
Name of Event: One day workshop on industrial automation			
Organized by: DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION AND ISOI			
Sponsored by: KMEA ENGG COLLEGE and EISA (Electronics and Instrumentation Students Association)			

1) Objective of the event: To impart knowledge on plant automation techniques

2) A brief overview of the sessions

Session 1

In this session, the very basic principles and terms in automation was introduced to students. All the recent technologies in automation era like PLC, DCS, SCADA as well as its relevance in the present scenario were discussed. Then, the session progressed with testing and calibration of a smart pressure transmitter and a pressure switch using Rosemount pressure transmitter and Emerson 375 model field communicator.

Session 2

Architecture of PLC was explained. Discussed about different types of PLC, their necessity and different programming languages used for programming. Practical session was on PLC hardware configuration and programming Allen Bradley PLC and SCADA.

Session 3

Basics of relays, contactors and switches were explained. Practical session was based on designing and wiring of a pressure control system by using PLC, SCADA, RELAY, etc. RSLogix 500 software was introduced. Schneider electric Wonderware Intouch SCADA software was also introduced.

Session 4

Q&A session


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3) Consolidated feedback received from the participants-
Good informative program. Time duration was not enough.


4) Conclusion and Outcome:

Overview of plant automation was given

5) Recommendations or Suggestions, if any, for future events:-
No. of days can be increased


Program Coordinators

Name: Rashida Hameed


Signature: 

TEP Cell Dept. Coordinators


1. Name: Shaila C.K

Signature: 

2. Name: Meenu Rose

Signature: 


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HOD
Name: Shiga
Signature: 

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1 DAY WORKSHOP - SCHEDULE

The workshop mainly focuses the engineering students to acquire knowledge on plant automation techniques using programmable logic controller (PLC) and supervisory control and data acquisition (SCADA), which is highly important in process control engineering. The workshop is highly practical centered and it will be beneficial to faculty and students from electrical, electronics and instrumentation branches to know the scope of PLC and SCADA in the field of plant automation. This workshop provides practical hands-on configuration of PLC, SCADA and some field instruments.

The workshop is broadly classified into four sessions, each session is taken by experts with industrial experience and knowledge

SESSION 1--TIMING : 10:00 AM TO 11:00 AM	HARDWARE /SOFTWARE/ INSTRUMENT USED
THEORY CLASS Introduction to automation Practical Testing and calibration of a smart pressure transmitter and a pressure switch	Presentation Rosemount™ pressure transmitter Emerson™ 375 model field communicator Air pressure regulator Air compressor
SESSION 2--TIMING : 11:15 AM TO 1:00 PM	HARDWARE /SOFTWARE/ INSTRUMENT USED
Theory class Architecture of PLC Necessity of PLC Familiarization of Allen Bradley™ PLC Controllers Programming languages used SCADA package Practical PLC hardware configuration Programming of Allen Bradley™ PLC Basics of SCADA Basics of PLC and SCADA communication	Presentation Rologix™ 5000 RSlinx® classic gateway Schneider™ electric Wonderware Intouch™ SCADA
SESSION 3--TIMING : 2:00 PM TO 3:30 PM	HARDWARE /SOFTWARE/ INSTRUMENT USED
Theory class Basics of relays, contactors and switches Practical Designing and wiring of a pressure control system by using PLC, SCADA, relay, Contactors, switches etc...	Presentation Demonstration kits Rologix™ 5000 RSlinx® classic gateway Schneider™ electric Wonderware Intouch™ SCADA Accessories
SESSION 4--TIMING : 3:40 PM TO 4:00 PM	
<ul style="list-style-type: none"> • Interactive sessions with participants • Feedback from workshop participants experience 	

For clarifications, please contact : Mr. Shaji Thomas
Mob: 9447910041

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KMEA Engineering College

Kuzivelippady, Edathala, Ernakulam Dist, Kerala, Pin: 683 561.

Ph: 0484 2411003, 2411004


website:- www.kmeacollege.ac.in, email:- office@kmeacollege.ac.in

S8 EI

290

Sl.No.	Roll No	Name of Student
1	1	JUBIN MATHEW
2	2	ADITH T. N.
3	3	AJAS K. S.
4	4	AMAL ASHOK U.
5	5	AMEEN JIYADH
6	6	ANSAL ANSARY
7	7	ASHIK C. A.
8	8	DEEPAK P. R.
9	9	DEEPU OMANAKUTTAN
10	10	DIVYA M. VIJAYAN
11	11	FAASIL K. M.
12	12	HAFIZ JALEEL
13	13	HENNA V. MAJEED
14	14	IRSHAD AHAMMED A.
15	15	JIBIN JACOB
16	17	JOSIYA JOSHY
17	18	LIJIN OOMMEN
18	19	MUHAMMED IFAN ALI N.M.
19	20	P.J. STEVE
20	21	PRINCE PAUL
21	22	AJAY KURUP R.
22	23	SHAHZAD.V. S.
23	24	SUHAIB. M.
24	25	TONY VARGHESE
25	26	VAISAKH GOPAL
26	27	VISHNU RAJEEV
27	28	ANANDA KRISHNAN. S.
28	29	NEETHULAKSHMI C. D.
29	30	NIKHIL K. P.
30	31	PRIYA WILSON
31	32	SHIMNA.M. V.




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KMEA ENGINEERING COLLEGE
Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	11.2.16	Program Coordinators name and contact details:	MUHZINA K M, ASSISTANT PROFESSOR, cell no.: 8089234901 email id: mkm.ei@kmeacollege.ac.in
Name of Event: TALK ON PIC PROGRAMMING			
Organized by: DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION & ISOI			
Sponsored by:			

1) Objective of the event

To guide S8 students in their main projects.

2) A brief overview of the session

Date conducted: 11.2.16(FN SESSION)

Details of speakers: BY BINISH, ASSISTANT PROFESSOR, ECE DEPARTMENT.

Contents delivered: Discussions were about PIC16 family and some of their "smart" applications.

3) Consolidated feedback received from the participants-very informative session.

4) Conclusion and Outcome: Seminar was very helpful for students in doing their main project.

Program Coordinators

Name: *Muhzina K. Moideen*

Signature: *[Signature]*

TEP Cell Dept. Coordinators

1. Name: *Shaila C.K*

Signature: *[Signature]*

2. Name: *Meenu Rose*

Signature: *[Signature]*



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[Signature] *[Signature]*

HOD
Name:
Signature:

KMEA Engineering College

Kuzivelippady, Edathala, Ernakulam Dist, Kerala, Pin: 683 561.

Ph: 0484 2411003, 2411004

website:- www.kmeacollege.ac.in, email:- office@kmeacollege.ac.in

S8 EI

Sl.No.	Roll No	Name of Student
1	1	JUBIN MATHEW
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14	14	IRSHAD AHAMMED A.
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16	17	JOSIYA JOSH Y
17	18	LIJIN OOMMEN
18	19	MUHAMMED IFAN ALI N.M.
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29	30	NIKHIL K. P.
30	31	PRIYA WILSON
31	32	SHIMNA.M. V.



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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme
SEMINAR, SYMPOSIUM AND WORKSHOP

Name of the Department	COMPUTER SCIENCE AND ENGINEERING
Name of the Head of the Department	REKHA LAKSHMANAN

Technical Field of proposal

Workshop

Title of proposal - Seminar / Symposium / Workshop Title
"Android and Application Development"

Abstract

The key factor that makes Android different from others is the fact that it is open-source; thus allowing you to code your own apps for the platform and to even go on to release them through the Android Market. Keeping in mind the industrial requirement for android developers which is skyrocketing, this module provides participants with the right launch pad to establish themselves as an Android Developer.

Objective and Level of activity (Regional / National / International) and target audience

Students of CS and IT department in all semesters

Project Impact -Expected outcome - academic / social / commercial

- Understand the Android platform, framework and API
- Make Interactive User Interface
- Comprehend Android application manifest, intents and external resources in addition to the platform's software development lifecycle
- Employ attractive features & functionality in their Apps
- Create their customized web browsers and media players
- Use built-in widgets and components
- Work with the database to store data locally and develop their own academic projects on latest platform



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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
01/09/16 – 02/09/16	9 am – 4 pm	workshop	Computer Lab	30 Destops

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Mr. Anshul Verma	Trainer	Geekslab Technology PVT. Ltd.	Application development training

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p articpating	Financial commitment ^o in Rs.
NA					
Total Rs.					

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / Internatio nal)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOV T Agencies Rs.
Workshop on Data Mining	Workshop on Data Mining using Python	11-08-2016	Regional	Dr. Sreeraj M Asst. Prof (Special Grade) FISAT, Angamally	






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Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,	200			
Travel, Stay and DA	1300			
Other(pls write each heading in each row)	Per student Rs. 750 (for training kit)			
Total	As per student registration the amount will change (Expecting 50 students)			39000

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Selin M	Maria Joy
Exact designation	Assoc Prof	Assistant Prof
Department	Computer Science and Engineering	Computer Science and Engineering
Cell number	9446791297	9497278540
Email	snm.cs@kmeacollege.ac.in	mjy.cs@kmeacollege.ac.in
Signature		


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10/8/16


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DIRECTOR



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No date

KMEA ENGINEERING COLLEGE SEMINAR

Name of the Department	COMPUTER SCIENCE AND ENGINEERING & INFORMATION TECHNOLOGY
Name of the Head of the Department	MRS.REKHA LAKSHMANAN , MRS VIDHYA HARI

Technical Field of proposal - Seminar

Title of proposal – Recent Trends in Computer Science (focus on Social Networking) , a motivational interaction with students.

Add rows as required

Abstract

In today's technology obsessed world, social media and networking has become an intricate part of daily life. Social networks are websites and phone apps that allow people to create a personal profile, upload pictures of their life, update their status, and share information. These are very powerful mediums that have the ability to cause some great things, as well as some very bad things, to happen. This talk focus on the pros and cons surrounding social networks.

Motivational Talk to the students for achieving a better career in the area of Computer Science.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

Students

Add rows as required



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Project Impact -Expected outcome - academic / social / commercial

Students will be motivated to their studies, and also they will get an overview of the recent technologies and also the pros and cons of social networking.

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
August (First week) July 27 th 2016.	9am – 11am	Mrs. Mini Ullant Cochin University	Conference Hall	120 – seating capacity projector

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Mrs. Mini Ullanat		Cochin University	Speaker

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ⁵ in collaborating/participating	Financial commitment ⁶ in Rs.
Total Rs.					

⁵ Mention role of industry/organisation.

Add rows as required.

⁶ Attach copy of letters received from participating industry showing intent / financial commitment etc.

Similar event organized by the Institute earlier, if any.



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Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

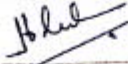

Add rows as required

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	3000			
Stationery, printing,				
Travel, Stay and DA	150			
Other(pls write each heading in each row)	1500			
Total	4650			

Add rows as required
Max assistance 3 lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Selin M	Maria Joy
Exact designation	Assoc.Prof (N C)	Assistant Professor
Department	Computer Science and Engineering	Computer Science and Engineering
Cell number	9446791297	9497278540
Email	snm.cs@kmeacollege.ac.in	mjy.cs@kmeacollege.ac.in
Signature		


HOD 16/6/16

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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

WORKSHOP

Name of the Department	Computer Science and Engineering
Name of the Head of the Department	Mrs. Rekha Lakshmanan

Technical Field of proposal

Data Mining

Title of proposal - Seminar / Symposium / Workshop Title

Hands on workshop on Data Mining using Python Language

Abstract

Data mining is an interdisciplinary subfield of Computer Science. It is the computational process of discovering patterns in large data sets ("big data") involving methods at the intersection of artificial intelligence, machine learning, statistics, and database systems. The overall goal of the data mining process is to extract information from a data set and transform it into an understandable structure for further use. Aside from the raw analysis step, it involves database and data management aspects, data pre-processing, model and inference considerations, interestingness metrics, complexity considerations, post-processing of discovered structures, visualization, and online updating. Data mining is the analysis step of the "knowledge discovery in databases" process. Workshop is conducted on python programming language.


Objective and Level of activity (Regional / National / International) and target audience

Identify research opportunities in Data Mining, and applications to B.Tech and M.Tech students of Computer Science .

Project Impact -Expected outcome - academic / social / commercial

Emerging research field, students will get a basic concepts in data mining, and the M.Tech students can select this area for their research works.



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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
11/08/2016	9.30 am - 3.30 pm	Workshop	Central Computing Lab	30 Desktops

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Sreeraj M	Asst. Prof (Special Grade)	FISAT, Angamally	Introduction session, data mining concepts in python programming, classification and applications.

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment ^e in Rs.
Nil					
Total Rs.					

**Similar event organized by the Institute earlier, if any.**

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
Basics of Python	Python	10/08/2016	Regional	Nil	Nil

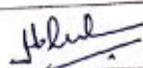

Estimates



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Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	5,000			
Stationery, printing,	3,50			
Travel, Stay and DA	3,00			
Refreshment and food	1,100			
Total	7,000			

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Selin M	Maria Joy
Exact designation	Associate Professor	Assistant Professor
Department	Computer Science and Engineering	Computer Science and Engineering
Cell number	9446164118	9497278540
Email	snm.cs@kmeacollege.ac.in	mjy.cs@kmeacollege.ac.in
Signature		


HOD
10/8/16


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DIRECTOR

Dr.Sreeraj.M

Asst.Prof. Spl.Grade, Dept. of M.C.A,
FISAT

Dr.Sreeraj.M took B.Sc(physics) degree from M.G University in 2002. He pursued her Master studies in the field of Computer Applications in Calicut University and took M.C.A degree in 2006. He started his career as Project Assistant in GIS research project under Kerala State Remote Sensing and Environment centre,Thiruvananthapuram in 2006. He took PhD degree in Computer Science from Cochin University of Science & Technology in 2013 and is now working as Asst.Prof. Spl.Grade, Dept. of M.C.A,FISAT.

He is an active researcher in the field of Natural Language Processing ,Human Computer Interaction,Image processing,Data mining,Neural network and GIS . He has undertaken 2 major projects supported by ISRO and KSCSTE in the field of Natural Language Processing and in the field of Human Computer Interaction. He is guiding several M.Tech students and B.Tech students. About 25 plus research papers have been published by him in the field of Computer Science in reputed journals and in international conferences. He has visited Russia for presenting in International Conferences & Workshops. He has delivered various Invited Talks as part of the ISTE, TEQIP and UGC sponsored workshops and conferences. He is the reviewer of various International Journals,International Conferences and chaired various International Conferences.

Professional member

1. ACM
2. ISTE

Reviewer

3. IET Image Processing (IEEE (International journal)
4. Computer Vision and Image Understanding,Elsevier(International journal)
5. Image and Vision Computing, Elsevier(International journal)
6. Reviewer of many International conferences like ICDSE,INDICON,ACC etc

Invited talks

1. Neural networks and its Applications" as part of the ISTE sponsored workshop on "Recent Trends in Computing ", organized by Rajagiri School of Engineering & Technology,Kakkanad, 28th Nov 2012
2. Invited lecture on Computer vision in department of computer science, Cochin University of Science and Technology(CUSAT) , 8th and 9th April 2013
3. "Attack on data privacy-Methods in view of PRISM" and Session chair in the UGC sponsored National Conference on "Cyber Law and Cyber Forensics", organized by Sree Sankara Vidyapeetom College,Perumbavoor, 13-08-13
4. "Recent trends in Data mining and its Applications "as part of the TEQIP II sponsored Faculty Development programme on "Research trends in Data mining", organized by Department of computer science and Engineering ,College of Engineering, Cherthala, 22-10-13 to 23-10-13
5. "Introduction to Data mining and its Applications "at Short Term Training programme on "Data mining", organized by Department of computer science and Engineering , Christ Knowledge City, Kuzhoor, Ernakulam, 24-10-13
6. "Data mining and its Applications in Engineering research" as part of the TEQIP II sponsored Faculty Development programme on "Recent trends in Data mining", organized by Department of computer science and Engineering , College of Engineering, Kuzhoor, 02-12-13 to 03-12-13
7. "Machine Learning Techniques and its Applications" as part of the TEQIP-II sponsored Faculty Development programme on "Machine Learning Techniques and its Applications", organized by



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- Department of computer science and Engineering ,College of Engineering, Cherthala, 03-03-14 to 07-03-14
8. "Data mining Tools and its Applications" as part of the 3-Day workshop on "Data mining Tools and its Applications ", organized by Rajagiri School of Engineering & Technology,Kakkanad, 24th Apr 2014 & 25th Apr 2014
 9. "Image Processing with MATLAB" as part of the TEQIP-II sponsored Faculty Development programme on "Image Processing tools", organized by Department of computer science and Engineering ,College of Engineering, , Kidangoor, 11-11-2014
 - 10."Scope of Research in Natural Language Processing"as part of the TEQIP-II sponsored Five day National level Faculty Development programme on "'Scope of Research in Natural Language Processing", organized by Department of Information Technology ,College of Engineering, Vadakara,05-01-2015
 - 11."Digital Image Processing " as part of the CSI Student Chapter organized by Viswajyothi College of Engineering And Technology, Vazhakulam, Muvatupuzha, 20th Mar 2015.
 - 12."How to approach research-A Guidance to M.Tech Students " as part of the M.Tech Programme organized by Caarmel Engineering College, Perunad, 23rd July 2015.
 - 13."Image processing:Research opportunities and challenges"as part of the UGC sponsored two day National level Faculty Development programme on "Image processing Techniques and Applications", organized by Department of computer science ,Assumption College, Changanassery,11-09-2015
 - 14."Image Analysis" as part of the TEQIP-II sponsored Faculty Development programme on "'Image Analysis", organized by Department of computer science and Engineering ,College of Engineering, , Kidangoor, 28-09-2015
 - 15."Introduction to Image Processing and its applications" as part of the Faculty Development programme organized by Department of computer science and Engineering ,College of Engineering and management punnapra, punnapra, 09-10-2015
 - 16."Wavelet Transforms in image processing' as part of the TEQIP-II sponsored Expert session organized by Department of computer science and Engineering, College of Engineering, Kidangoor on 20-11- 2015.
 - 17."Image Segmentation" as part of the TEQIP-II sponsored Expert session on "'Image Segmentation", organized by Department of computer science and Engineering ,College of Engineering, , Kidangoor, 25-02-2016
 - 18."Natural language and Machine Learning',as part of the TEQIP-II sponsored Faculty Development programme organized by Department of computer science and Engineering, College of Engineering, Kidangoor on19-04-2016
 - 19."Data mining and its applications', as part of the TEQIP-II sponsored Faculty Development programme organized by Department of Information Technology, College of Engineering, vadakara on04-04-2016 and 05-04-2016
 - 20."Image Processing And Mathematics Behind It" as part of the TEQIP-II sponsored PAM expert session organized by Department of computer science and Engineering, Model Engineering college, Thrikkakara on 05-05-2016


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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Bijesh Paul

Technical Field of proposal
Mechanical Electrical Plumbing

Title of proposal - Workshop Title
Mechanical Electrical Plumbing Design & Drafting

Add rows as required

Abstract

Mechanical, electrical, and plumbing (MEP) refers to these aspects of building design and construction. In commercial buildings these aspects are often designed by an engineering firm specializing in MEP. MEP design is important for design decision-making, accurate documentation, performance and cost-estimation, construction planning, managing and operating the resulting facility. As with other aspect of buildings, MEP drafting, design and documentation were traditionally done manually. Computer-aided design had some advantages over this, in some instances including 3D modeling. Building information modeling provides holistic design and parametric change management of the MEP design.

Add rows as required

Objective and Level of activity (Regional / National /International) and target audience

The major objective of this workshop is to familiarize the building design and construction techniques to our students.

Add rows as required


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Project Impact -Expected outcome - academic / social / commercial

Mechanical, electrical, and plumbing (MEP) is a significant component of the construction supply chain. **MEP design** is critical for **design** decision-making, accurate documentation, performance and cost-estimating, construction planning, managing and operating the resulting facility. So, it will be a great platform to students as well as faculties to comprehend the practical aspects of MEP.

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
28/03/2017	9.30AM-3.30PM	Lecture, Demonstration and Discussions	Auditorium – ME Block	Chair – 125, Table – 5, Projector with Screen, White Board, Sound System with 2 Mic (1 codeless).

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity	Contact
Mr. Shiyas & Mr. Jithin	Faculty MEP & QA/QC	SMEC Automation Pvt Ltd Kaloor	Resource Person	04842340904, 9605550001 service@smecautomation.com

Add rows as required

Similar event organized by the Institute earlier, if any.


Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

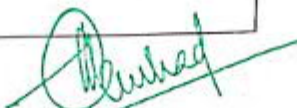
Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	5000			
Stationery and Memento (Nos. 2)	1000			
TA/DA	1000			
Printing printing flex (Nos 2) + certificates (Nos - 125)	2500			
Sound System - Basic with 2 mic (1 normal+1codeless) with operator	2800			
Refreshments to speakers	1000			
Total	13300			

Details of Coordinator

	Coordinator 1
Name	Abdul Jaleel
Exact designation	Assistant Professor
Department	Mechanical Engineering
Cell number	+91 9447412841
Email	jal.me@kmeacollege.ac.in
Signature	


HOD


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KMEA ENGINEERING COLLEGE
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DIRECTOR



11 (21)
307

KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	INFORMATION TECHNOLOGY
Name of the Head of the Department	Vidya Hari

Technical Field of proposal

Operating system and Hardware

Title of proposal - Seminar / Symposium / Workshop Title

- PC Hardware and MAC OS familiarization – [Student Romillus John, S8 IT]

Add rows as required

Abstract

Mac OS is a series of graphical user interface-based operating systems developed by Apple Inc for their Macintosh line of computer systems. Basic familiarization of MAC OS and hardware will be done.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

Objective is familiarisation of MAC OS and PC Hardware. Target audience are Students of IT Department.

1


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Add rows as required

Project Impact -Expected outcome - academic / social / commercial

Academic- To familiarize MAC OS

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
26-02-2016	9:30AM to 12:30PM	Demonstration by Romillus John ,Student of S8 IT	Lab	Groupwise demonstration in lab is planned .So maximum of 12 systems needed in project lab.

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
		Nil .	Keynote address / Chairing sessions / Speaker / Advisors / Reviewers / Sponsorer

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role* in collaborating/p articulating	Financial commitment* in Rs.
		Nil .			
Total Rs.					

*Mention role of Industry/organisation.
Add rows as required..

*Attach copy of letters received from participating industry showing intent / financial commitment etc.


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Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
		Nil,			


Add rows as required.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorshi ps	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row				
Total	Nil			

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Ms. Sheena Anees	Ms. Shinu Koyakutty
Exact designation	Assistant Professor	Assistant Professor
Department	IT	IT
Cell number	9645299901	9847045197
Email	sha.it@kmeacollege.ac.in	sky.it@kmeacollege.ac.in
Signature		


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Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	INFORMATION TECHNOLOGY
Name of the Head of the Department	Vidya Hari

Technical Field of proposal

Computer programming

Title of proposal - Seminar / Symposium / Workshop Title

- Python Programming- Nishamol AS [Student S8 IT]

Add rows as required

Abstract

Python is a widely used general purpose, high level programming language.

rows as required

Objective and Level of activity (Regional / National / International) and target audience

Students and staff of IT department

Add rows as required

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Project Impact -Expected outcome - academic / social / commercial

Academic-To familiarize the basics of python programming

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
28/01/2016 1/2/16	10AM to 12 PM	Lecture by Nishamol A.S, student of SBIT	Conference Hall	White Board

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
	Nil.		Keynote address / Chairing sessions / Speaker / Advisors / Reviewers / Sponsorer

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ⁵ in collaborating/p participating	Financial commitment ⁶ in Rs.
		Nil.			
Total Rs.					

⁵Mention role of Industry/organisation.
Add rows as required..

⁶Attach copy of letters received from participating industry showing intent / financial commitment etc.

Similar event organized by the Institute earlier, if any.


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Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
		Nil			

Add rows as required.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total	Nil			

Add rows as required.
Max assistance 3 Lakhs**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Ms. Arifa Azeez	Ms.Fousiya Majeed
Exact designation	Assistant Professor	Assistant Professor
Department	IT	IT
Cell number	9447616365	9633059550
Email	aaa.it@kmeacollege.ac.in	fmd.it@kmeacollege.ac.in
Signature		

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27/1/16

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No date
1,1 (56)
313

KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRONICS AND INSTRUMENTATION
Name of the Head of the Department	SHEEJA.D.S

Technical Field of proposal

Microprocessor and Microcontroller Programming Contest

Title of proposal - Seminar / Symposium / Workshop Title

Microprocessor and Microcontroller Programming Contest

Abstract

Programming contest for S7-EC, EEE, EI, CS and IT. Questions will be based on 8086 and 8051.

Objective and Level of activity (Regional / National / International) and target audience

Regional.

S7 students of ECE, EEE, EIE, CSE and IT

Project Impact -Expected outcome - academic / social / commercial


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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
August-30 th late Sep-1 st week	FN	Competition	Systems lab	Projector, Kit, interfacing boards

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p participating	Financial commitment* in Rs.
Total Rs.					

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers / Prize	1500			
Stationery, printing,	500			

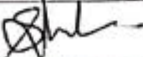

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Travel, Stay and DA				
Other(pls write each heading in each row)				
Total				

Add rows as required.
Max assistance 3 Lakh

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Shaila . C . K	Marlin Pore Sebastian
Exact designation	Asst . Professor	Asst . Professor
Department	EIE	EIE
Cell number	9495840616	9061165550
E-mail	sck.ei@kmeacollege.ac.in	mrs.ei@kmeacollege.ac.in
Signature		

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TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	16 to 16	Program Coordinators name and contact details:	AFSAL UMAR, ASSISTANT PROFESSOR, cell no.: email id: aur.ei@kmeacollege.ac.in MANJUSHA T.S, ASSISTANT PROFESSOR, cell no.: 7293268612 email id: mts.ei@kmeacollege.ac.in
Name of Event: WORKSHOP ON ADVANCED INDUSTRIAL AUTOMATION			
Organized by: DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION & ISOI			
Sponsored by: KMEA ENGG COLLEGE and EISA (Electronics and Instrumentation Students Association)			

1) Object of the event: Skill developments and employability enhancement for fresh engineers.

2) INAUGURAL SESSION

The three day workshop was inaugurated by Prof. Sheeja.D.S on 14.3.16. Welcome speech was delivered by Prof. Azhar.M. I., Chairman, EISA. Students of S8 EIE, ME, EEE and S6 EIE and all faculties of EIE were present. Mr. Afsal Umar, Assistant Professor, Indwell Automations, Pune were introduced to students by Afsal Umar, Assistant Professor. He also pointed out the importance of doing additional technical skill development to enhance employability for fresh engineering graduates. Inaugural session extended from 9.00am to 10.00am.

3) DETAILS OF DIFFERENT SESSIONS

Date: 14.3.16
Time: 9.30am-10.30am

In this session, the very basic principles and terms in automation was discussed to students. All the recent technology in automation era like PLC, DCS, SCADA as well as its relevance in the present scenario were discussed. The session progressed with a very basic class about ladder logic. The session was made much more comprehensive. Later, these basic ideas were used to explain the digital logic. The very basic ideas like gates, logic realization etc were explained. Exercises based on the ladder logic were given and later on these very same problems were used to explain the ladder logic.


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In this session, a more elaborated idea of ladder logic programming was delivered. Some important concepts relating to ladder logic programming, which could be used for realizing a given problem much as explained. The students were then asked to solve some previous problems using the new method for experiencing the advantage. Later on, some more advanced problems were delivered for solving. Towards the end of the session, very active interaction with students was conducted not only for clarifying the doubts, but also for explaining the confusing parts of the given problems.

• S

DN 3:1.30pm-3.30pm

The afternoon session began with an introduction towards some advanced programming concepts like timer interlocks, latching etc. The relevance of these concepts were thoroughly discussed, and a variety of different types of industrial switches like push-button were discussed. The students were then asked to solve by considering interlocks, latching and concepts of switches. Towards the end of the session a small real-life project was delivered for solving and the difference between real-life and practice programs was explained.

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Date: 15.2

• S

DN 1:9.00am-10.30am

This session was held at the systems lab of mechanical engineering department. In this session, a very thorough introduction about the PLC programming IDE called Codesys was delivered. The very basic, yet necessary steps of starting, configuring, and starting a new project in Codesys was explained. Later some important actions relating to saving, debugging and testing the coded program was also demonstrated. The students were then asked to practice those steps, using some of the simple programs given to them on the previous day.

This session was held at the systems lab of mechanical engineering department. In this session, a very thorough introduction about the PLC programming IDE called Codesys was delivered. The very basic, yet necessary steps of starting, configuring, and starting a new project in Codesys was explained. Later some important actions relating to saving, debugging and testing the coded program was also demonstrated. The students were then asked to practice those steps, using some of the simple programs given to them on the previous day.

• S

DN 2:10.40am-12.40pm

In this session, some advanced practical concepts regarding the memory flags in PLC was discussed. Then the students were asked to implement the previous day's programs in Codesys and all the necessary modification of input and output were clearly explained. The students were asked to solve more problems the same in Codesys.

In this session, some advanced practical concepts regarding the memory flags in PLC was discussed. Then the students were asked to implement the previous day's programs in Codesys and all the necessary modification of input and output were clearly explained. The students were asked to solve more problems the same in Codesys.

• S

DN 3:1.30pm-3.30pm

In this session, the students were explained about some best programming practices. Later the session was focused on the implementation of PLC timers in Codesys. The students were asked to implement some programs making the timer concepts clear. Then the students were explained about the additional features of Codesys like implementation of a test system within it, where a virtual version of the project could be created by the programmer, and visualize his programs using it. All important steps regarding the creation of images, linking of different program components like I/O, flags with these created images was explained.

In this session, the students were explained about some best programming practices. Later the session was focused on the implementation of PLC timers in Codesys. The students were asked to implement some programs making the timer concepts clear. Then the students were explained about the additional features of Codesys like implementation of a test system within it, where a virtual version of the project could be created by the programmer, and visualize his programs using it. All important steps regarding the creation of images, linking of different program components like I/O, flags with these created images was explained.

Date: 16.3

• S

DN 1:9.00am-10.30am

This session began with concepts relating to memory organization of PLCs. Later, a PLC was practically introduced and all its important parts and status indicators were familiarized. Later on, the specifications of Mitsubishi PLC were discussed and the ladder logic platform competency existing in it was explained with its merits and demerits and the differences in the ladder logic program made to the existing Codesys program for making them compatible with the Mitsubishi PLC were explained.

This session began with concepts relating to memory organization of PLCs. Later, a PLC was practically introduced and all its important parts and status indicators were familiarized. Later on, the specifications of Mitsubishi PLC were discussed and the ladder logic platform competency existing in it was explained with its merits and demerits and the differences in the ladder logic program made to the existing Codesys program for making them compatible with the Mitsubishi PLC were explained.

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towards the end of the session the students were asked to implement previous programs for

N2:10.40am-12.40pm

the interfacing of various industrial modules with a PLC was demonstrated. The concepts of industrial devices was explained including their internal working. The best practices while using those devices were briefly explained and familiarized them physically. Then the steps for interfacing PLC with PC were explained along with downloading a program in PC to PLC, were later a "Traffic Light Model" was physically realized using Mitsubishi PLC and students were allowed to examine it's parts closely. Towards the end of the session the basics of PLC concepts of source and sink wiring were explained.

N3:1.30pm-3.30pm

on , the discussion was solely about SCADA. The students were explained about the principles of SCADA. A SCADA software was physically introduced and various steps for configuring it up and the corresponding adjustments in PLC software itself was demonstrated. All the steps of implementation of various SCADA objects indicating physical plant parts were explained. Later SCADA tags and complexity of SCADA system were discussed.

FEEDBACK SESSION



was delivered by Deepu Omanakuttan of S8 EIE.

Feedback received from the participants:
was rated by participants as good. They were satisfied about infrastructure facilities.


Session and Outcome:]
very useful for students. Helped to enhance their technical knowledge.

Recommendations or Suggestions, if any, for future events:
can be increased. Can include students from other colleges.

Coordinators


Mangisha T.S  Afzal Omar 

Coordinators


Shaila C.K 



2. Name: Muhin Rose

Signature: 


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HOD
Name: Shruti D.S
Signature: 

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION

THREE DAY WORKSHOP ON ADVANCED INDUSTRIAL AUTOMATION

PROGRAM SCHEDULE

DATE	SESSION1:9.00am-10.30am	Faculty		SESSION2:10.40am-12.40pm	Faculty		SESSION3:1.30pm-3.30pm	Faculty
14.3.16	Inauguration, Introduction to automation, Basics of relays, switches etc	Himanshukumar		Architecture of PLC, PLC Programming	Himanshukumar		PLC Programming	Himanshukumar
15.3.16	Practical session-PLC Programming using Codesys	Himanshukumar, Dev	Tea Break :10.30-10.40	Practical session-PLC Programming	Himanshukumar, Dev	Lunch break:12.40-1.30	Practical session-PLC and SCADA Programming	Himanshukumar, Dev
16.3.16	PLC hardware configuration-MELSEC PLC	Himanshukumar, Dev		PLC hardware INTERFACING	Himanshukumar, Dev		Q&A session, Valedictory session	Himanshukumar, Dev



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KMEA ENGINEERING COLLEGE, EDATHALA
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION
LIST OF STUDENTS REGISTERED FOR WORKSHOP ON INDUSTRIAL AUTOMATION

BRANCH-II-S8 ME

ROLL NO	NAME	AMOUNT	14-3-16			15-3-16			16-3-16		
			FN1	FN2	AN1	FN1	FN2	AN1	FN1	FN2	AN1
1.	Nowfar	100/-	✓								
2.	Abhijith K.V	100/-	✓								
3.	Abhijith K.R	100/-	✓								
4.	Shamukh	100/-	✓								
5.	Shahin A	100/-	✓								
6.	Rameez E.P	100/-	✓								
7.	Shamail S.Khan	100/-	✓								
8.	Mahmud Afzal	100/-	✓								
9.	Fuad	100/-	✓								
10.	Abhishek	100/-	✓								
11.	Raafi	100/-	✓								
12.	Faisal Faisal	100/-	✓								
13.	Navas Mansoor	100/-	✓								

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KMEA Engineering College

ADDITIONAL ANSWER BOOK
FOUR WRITING PAGES

Additional Answer Book No. ☐

Roll No. ☐

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DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION
LIST OF STUDENTS REGISTERED FOR WORKSHOP ON INDUSTRIAL AUTOMATION

BRANCH-S8 **EEF**

ROLL NO	NAME	AMOUNT	14-3-16				15-3-16				16-3-16			
			FNI	FN2	ANI	AN2	FNI	FN2	ANI	AN2	FNI	FN2	ANI	AN2
1	Muhammed Safwan	100/-	✓	sign	sign	sign	sign	sign	sign	sign	sign	sign	sign	sign
2	Manshad K. P	100/-	✓	sign	sign	absent	sign	sign	sign	sign	sign	sign	sign	sign
3	Muhammed Safal	100/-	✓	sign	sign	absent	sign	sign	sign	sign	sign	sign	sign	sign
4	Abdul Basil	100/-	✓	sign	sign	sign	sign	sign	sign	sign	sign	sign	sign	sign
5	Mahomed Zamil	100/-	✓	sign	sign	absent	sign	sign	sign	sign	sign	sign	sign	sign
6	Mithun R	100/-	✓	sign	sign	absent	sign	sign	sign	sign	sign	sign	sign	sign
7	Abdul Fathah	100/-	✓	sign	sign	absent	sign	sign	sign	sign	sign	sign	sign	sign
8	Muhammed Agudheen	100/-	✓	sign	sign	absent	sign	sign	sign	sign	sign	sign	sign	sign
9	Muhammed Ashraf	100/-	✓	sign	sign	absent	sign	sign	sign	sign	sign	sign	sign	sign
10	Yousuf Kabir	100/-	✓	sign	sign	absent	sign	sign	sign	sign	sign	sign	sign	sign
11	HAFIZ BASHEER	100/-	✓	sign	sign	absent	sign	sign	sign	sign	sign	sign	sign	sign


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ADDITIONAL ANSWER BOOK

FOUR WRITING PAGES

Additional Answer Book No. 324

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Mohd. Azudheen

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KMEA ENGINEERING COLLEGE, EDATHALA
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION
LIST OF STUDENTS REGISTERED FOR WORKSHOP ON INDUSTRIAL
AUTOMATION

BRANCH-S8 EI

ROLL NO	NAME	AMOUNT	14-3-16		15-3-16		16-3-16	
			FN	AN	FN	AN	FN	AN
1	JUBIN MATHEW		✓ob	ab	ab	ab		
2	ADITH T. N.		ab	ab	ab			
3	Ajas K.S		✓ aj	✓ aj	✓ aj	✓ aj	✓ aj	✓ aj
4	Amal Ashok		✓ am	✓	ab	✓ am	✓ am	✓ am
5	Ameen Tijadh		ab	ab	ab		Ameen	Ameen
6	Ansar Ansari		Ansar	Ansar	ab	Ansar	Ansar	Ansar
7	Ashik C.A		✓ ash	✓ ash	✓ ash	✓ ash	✓ ash	✓ ash
8	Deepak P.R		ab	ab	ab	Deepak		
9	Deepe Cmanakuttan		CD	CD	CD	CD	CD	CD
10	Faasil K.M		✓ fa	✓ fa	✓ fa	✓ fa	✓ fa	✓ fa
10	Divya M. Vijayan		✓ div	✓ div	✓ div	✓ div	✓ div	✓ div
12	Hafiz Taleel		✓ haf	✓ haf	✓ haf	✓ haf	✓ haf	✓ haf
13	Heema V. Majeed		✓ he	✓ he	✓ he	✓ he	✓ he	✓ he
14	Irshad Ali Ahmed		✓	✓ ir	✓ ir	✓ ir	✓ ir	✓ ir
15	Jibin Jacob		ab	ab	ab			
16								
17	Josya Joshi		✓ jos	✓ jos	ab		✓ jos	✓ jos
18	Lijinommen		ab	ab	ab			
19	Muhammed Iqbal A.		✓ mu	✓ mu	✓ mu	✓ mu	✓ mu	✓ mu
20	P.J Steve		✓ st	✓ st	✓ st	✓ st	✓ st	✓ st



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KMEA ENGINEERING COLLEGE, EDATHALA
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION
LIST OF STUDENTS REGISTERED FOR WORKSHOP ON INDUSTRIAL
AUTOMATION ^ @

BRANCH-S6 EI

ROLL NO	NAME	AMOUNT	14-3-16		15-3-16		16-3-16	
			FN	AN	FN	AN	FN	AN
1								
2	ABDUL JASIR		Abdul Jasir	Abdul Jasir	Abdul Jasir	Abdul Jasir	Abdul Jasir	Abdul Jasir
3	AKASH APPU		AKASH	AKASH	AKASH	AKASH	AKASH	AKASH
4	ARHEL DEVASSYKUTY		ARHEL	ARHEL	ARHEL	ARHEL	ARHEL	ARHEL
5	ALLWYN VISHAK J.		ALLWYN	ALLWYN	ALLWYN	ALLWYN	ALLWYN	ALLWYN
6	ANGAL MOHAMMED		ANGAL	ANGAL	ANGAL	ANGAL	ANGAL	ANGAL
7	ARJUN P.A		ARJUN	ARJUN	ARJUN	ARJUN	ARJUN	ARJUN
8	ASHIF ASHARAF		ASHIF	ASHIF	ASHIF	ASHIF	ASHIF	ASHIF
9	ASHIQ AHAMMED ARBODACKER		ASHIQ	ASHIQ	ASHIQ	ASHIQ	ASHIQ	ASHIQ
10	AZHAIR MASHHAN		AZHAIR	AZHAIR	AZHAIR	AZHAIR	AZHAIR	AZHAIR
11	BASIL ALIAS		BASIL	BASIL	BASIL	BASIL	BASIL	BASIL
12	Mohamed Anwar p.k		Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed
13	Mohamed ISLAM K.P		Mohamed	Mohamed	Mohamed	Mohamed	Mohamed	Mohamed
14								
15	Naceema K.M		Naceema	Naceema	Naceema	Naceema	Naceema	Naceema
16	Nazem		Nazem	Nazem	Nazem	Nazem	Nazem	Nazem
17	Nikhil Jay		Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
18								
19	P.S.Mohamed Gd		P.S.Mohamed	P.S.Mohamed	P.S.Mohamed	P.S.Mohamed	P.S.Mohamed	P.S.Mohamed
20	Raj Mohan		Raj	Raj	Raj	Raj	Raj	Raj

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21								
22	Rasheem. K		g	g	g	g	g	g
23	SAHEER ANAS		g	g	g	g	g	g
24	Shammas I		g	g	g	g	g	g
25								
26								
27	Shigwana P.S		:P	:P	~	~	g	g
28	Shyain AbdulJaleel		g	g	g		g	g
29	SONET T-S		g	g	g	g	g	g
30	SONINET RAJ		g	g	g	g	g	g
31	Greenadh C.N		g	g	g	g	g	g
32								
33	TEJAS KRISHNA P.R		g	g	g	g	g	g
34	THARIH MUHAZIN		g	g	g	g	g	g

Shyain
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Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	30-08-2016	Program Coordinators name and contact details:	ABDUL JALEEL KT Asst Prof ME department
Name of Event: Intra college quiz competition "KURUKSHETHRA"			
Organized by: Mechanical Department			
Sponsored by:			

1) Objective of the event

The prime motive behind this competition was nurturing elective vision in various streams of science and engineering.

2) Write a brief overview of the following sessions in min 8 sentences each

On behalf of department of mechanical engineering, an intra-college quiz competition "KURUKSHETHRA" was held on 30th August 2016.

The preliminary rounds of quiz competition "KURUKSHETHRA" was conducted in each class and four students were selected to the final round took place on August 30th 2016 and the following students backed 1st and 2nd prizes. The entire program was well organized and gained the appreciations from faculty as well as students.

1st prize: Mohammed Abith & Deena Mariya -S1 CS

2nd prize: Adil Bin Salim & Abeer KI - S5 CE



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3) Consolidated feedback received from the participants

The entire program was well organized and gained the appreciations from faculty as well as students.

4) Conclusion and Outcome

The program was conducted effectively and the collective efforts from staffs as well as students were appreciable.

5) Recommendations or Suggestions, if any, for future events

Other attachments (in Original)

6) List of Participants (Name, Designation, Dept., Organization, Signature)

7) Attendance Sheet

8) Program Schedule


9) Expenditure Statement and Balance Sheet

10) Proceedings or Course Materials or Manuals prepared for the event (1 No.)

11) Brochures and Flyers, designed for the event (1 No.)


Program Coordinators

Name: ABDUL JALEEL KT

Signature: 

TEP Cell Dept. Coordinators

1. Name: JIYAD KM

Signature: 

2. Name:

Signature:


HOD

Name: Dr. Bijesh Paul

Signature:

Intra-college quiz competition "KURUKSHETHRA"

Income & Expenditure Statement

SI No	Date of Bill	Details of Expenditure	Amount	SI No	Date of Bill	Details of Income	Amount
1		Flex		1		Advance Amount from college	
2		Petrol		2		Workshop Registration Fees	
3		Bouquet		3		Idea Competition Registration Fees	
4		Petrol	100	4		Priize Money from Office	
5		Certificates				you can enter according to your need	
6		Arvin Tech-Workshop Fees				any external support	
7		Honourarium					
8		Prize Money	1700				
9		Canteen					
10		Canteen					
11		Certificates					
you can enter according to your need							
Total			1800			Total	

Balance From Office

1800



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[Handwritten Signature]

List of participants & attendance. ①
S₁-AKB - Girl.

431

S₃-

Althaf P.H
Mubarak Ali
Anwar Saadik
Thangzee Muhammad.

S₅ CE-A

Abeer

Adhil. Bin Saling.

S₅ CE-B

Subail. A Nagar

Ibrahim T.M

Rough Muhammad Ali.

Nithin F.R

S₇ CE-A

Abdul Nagar

Akheer Nawaz



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S₇ CE-B

① Muhammad Aslam P.J
Muhammad Rasaf M.A

Sayra.

Barin Jerome Peter.



S₁

(2)

432

Deena Maria - Roll No: 16.

Mohamed Abith - " : 32

Alfear Ali - : 9

Salmanul Fariz - : 49.

S₃

Aslan

Arun A.G.

Thasni T.A

Alfiya M.A

S₅

Shayap A. Shayi

Nayyad A.S

S₇

Sunay

Sami

Joel TJ

Jijo V.G.

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S₁

(3)

433

Salahuddeen S.I
Nadeem Bawa

S₃

Mohammed Afsal k.A
Rameez Riyaz.

S₅ - nil.

S₇ - A

Abdul Muneer P.B

Binil k Thomas.

Ananthakrishnan . V

Abhijith o.v.


S₇ - B

Krishna Kumar . B .

Muhziq V.S.

Sanoo b p.s

Mohammed Shafi .





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S1

(4)

434

Husain K.R

Mohammed. Jeseem

Imail Saif

Phone Joseph

S3

Sharafmon N.M.

Augustine B. Bijur

Ajmal M.A

Usman K.S.

S5

Suresh M.P

Sreekanth P.S

Jugal Althaf

Shamjad Ashraf

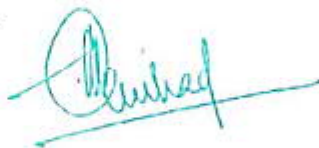
S7

Eldhose C.P

Shahzad K. Salim

Ashiq Rabin

Anshil M.





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SIVS - mil

S5

Abray Toy
Vivek Sebastian
Angad k. A
Irfan Nagar

S7 ET - vit.



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57

Shahbaz
Murshid -
Jinjoy Xavier
Vishnu Santhosh



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S₅ - ME - A

Afif Aseef A.A.
Akshay K. Rajeevan.

(8)
438

S₅ ME - B

Mohammed Aslam
Neel Joy.
Mohammed Hisham
Mohammed Anas K.A

S₇ ME - A

Ashique Mohammed
Ajay Iqbal.
Mahesh Chandra Baneer
Iqbal Farhan

S₇ ME - A (Volunteers)

Faraz Iqbal - Roll No: 38
Mohamad Thahaseen - Roll No: 31
Haniff Nouhaed - 43
Jithin Bernard - 50
Midhun J. - 57
Asifh Vinod. - 31

S₇ ME B

Sarath S.
Vijayar T.J.
Mohammed Fazal V.A
Muhammed Abdul Rahman.



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"KURUKSHETRA" - X
on

439

August - 30th - 2016.

Preliminary round: Conducted on 25th, 26th & 29th Aug-16.
Selected Two students from
each class (two groups).

Final round = on Aug 30th.

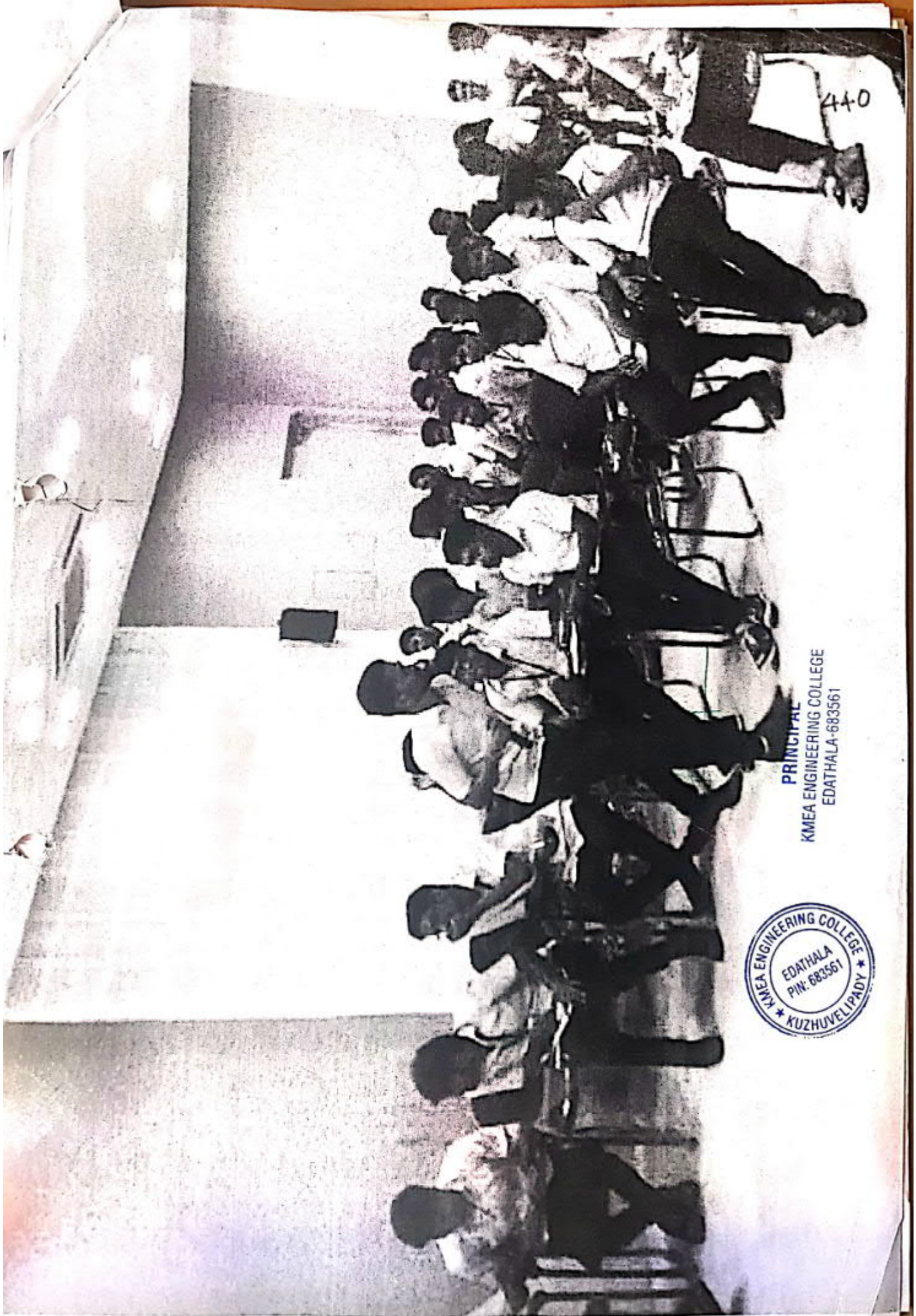
Round I = 9 am / 3 am.

Round II = 10 am / 12.30 pm



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KMEA ENGINEERING COLLEGE
Ernakulam - 683561
TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	28/9/16	Program Coordinators name and contact details:	MUHZINA K. MOJDEEN JASNA K. AZEEZ. ASSISTANT PROFESSOR KMEA ENGINEERING COLLEGE
Name of Event: TALK ON PROCESS CONTROL AND AUTOMATION Organized by: YOKOGAWA INDIA, CHENNAI Sponsored by:			

Objective of the event To get an overview of Industrial automation and process control.

Brief overview of the sessions

- Inaugural Session

Inaugurated by SHREEJA D.S HOD EIE DEPARTMENT.

- Different Sessions

Talk was concentrated in the areas of. PLC, SCADA, DCS, HMI DRIVES, Embedded, panel designing, process control and Industrial networking.

- Valedictory Session

Valedictory session was on 28/9/2016 by SHREEJA D.S HOD EIE DEPARTMENT.


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Consolidated feedback received from the participants

Satisfactory.

Conclusion and Outcome

Conducted effectively.

Students got an over all idea about process control and Industrial automation.

Recommendations or Suggestions, if any, for future events:

More sessions will be done on different areas of Industrial automation.

Program Coordinators

Name: MUHIZINA . K. MOIDEEN

JASNA . K . AZEEZ

Signature:




TEP Cell Dept. Coordinators

1. Name: Shaula . C . K

2. Name:

Malini Rose

Signature:



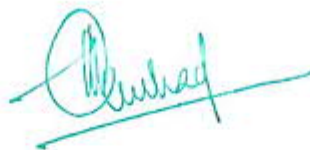
Signature:



HOD

Name: Shuja . D . S

Signature:

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TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	22/9/16	Program Coordinators name and contact details:	MANJUNATH S 7293268612 RASHIDA HAMEED 9446735924
Name of Event: PRASHNOTHARI - QUIZ COMPETITION			
Organized by: EISA (ELECTRONIC & INSTRUMENTATION STUDENT ASSOCIATION)			
Sponsored by:			

Objective of the event To sharpen knowledge in basic science, Basic Electrical Engg., Basic Electronics Engg. & to get updated in general knowledge.

Brief overview of the sessions

- Inaugural Session

Inaugurated by HOD of EIE Dept. SHEEJA D.S

- Different Sessions

5 Rounds

1st Round - Screening (G.K.)

2nd, 3rd, 4th & 5th - Technical Round

- Valedictory Session

HOD of EIE Dept. SHEEJA D.S distributed the 1st prize (cash award) and 2nd prize to the winners.

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Consolidated feedback received from the participants

Satisfactory

Conclusion and Outcome

Conducted effectively.


Students got an overall awareness about the basic subjects.

Recommendations or Suggestions, if any, for future events:

In future, we can increase the no. of participants from each department by making more teams & time duration.

Program Coordinators

Name: Menjishe T.S Rashide Hameed


Signature: 


TEP Cell Dept. Coordinators

1. Name: Shaila C.K

Signature: 

2. Name: Pheelin Rose Sebastian

Signature: 

HOD
Name: Sheyad
Signature: 


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DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION

PRASHNOTHARI 2016

EXPENSE TOWARDS	CREDIT	DEBIT
I st Prize		Rs. 1000
II nd Prize		Rs. 500
TOTAL EXPENSES		Rs. 1500

22/9/16

440

NAME

DEPARTMENT

- 1 HASGESH
- 2 AMAN
- 3 MUHAMMED SAHAL KB
- 4 MUHAMMED SICARATH M. M
- 5 MOHAMMED ABITH
- 6 SALMAN
- 7 ADHARSH SAJIKUMAR
- 8 MUHAMMED SUHAIL
- 9 ASHITHA POTHAN
- 10 NADDEM
- 11
- 12
- 13
- 14

SI CE- A Batch

"

SI CE- B

SI CE- B

SICS

"

SI EIE

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SI ME- A

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SI ME- B

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TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	03-09-2016	Program Coordinators name and contact details:	Mr. Tiju Baby Assistant Professor AISAT
Name of Event: ONE DAY WORKSHOP ON ELECTRICAL CAD			
Organized by: TEP CELL, KMEA ENGINEERING COLLEGE			

1) Objective of the event

To develop skills in computer aided drafting of electrical machines & layout of various electrical installations like multi storeyed buildings, substations etc.

2) Write a brief overview of the following sessions in min 8 sentences each

• Inaugural Session with date, time and details of guests

Inaugural session of the program commenced at 9.30am on 03/09/2016. The HOD and all the faculties of EEE department were present.


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- Different Sessions with date, time and details of speakers/ chairs and the contents delivered or training conducted (write separate paragraphs for each session)
- Session 1 – Class on auto CAD tools
- Session 2 – Hands on training on auto CAD drawing tools
- Session 3 – Class on electrical CAD tools and environment
- Session 4 – Hands on training on single line diagram of multi storeyed buildings, substations etc.

3) Consolidated feedback received from the participants

- The workshop helped to develop an overall idea of computer aided design.
- Students were familiarized with AUTOCAD tools and basic drawings.
- Students were given an overview of all provisions in electrical CAD for developing detailed electrical layouts of different buildings.
- The content of the workshop was very much informative and helpful for developing future career in the design field.
- Hands on session helped to work on electrical CAD
- Familiarization of the present scenario of electrical systems
- The sessions gave motivation to select an interesting career.

4) Conclusion and Outcome

Got the basic concepts of electrical CAD and use of key commands of Autocad, enough to run and print technical


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drawings in 2D and 3D .The workshop helped the students to correlate the theory and the practical aspects of the electrical system.

5) Recommendations or Suggestions, if any, for future events

It is better to include more practical sessions in similar workshops in future

Program Coordinators

Name: FEMY P.H, ABIDA C.A

Signature: F.P.H.

TEP Cell Dept. Coordinators

1. Name : FEMY P.H

Signature: F.P.H.

2. Name : ABIDA C.A
Signature: ABIDA C.A

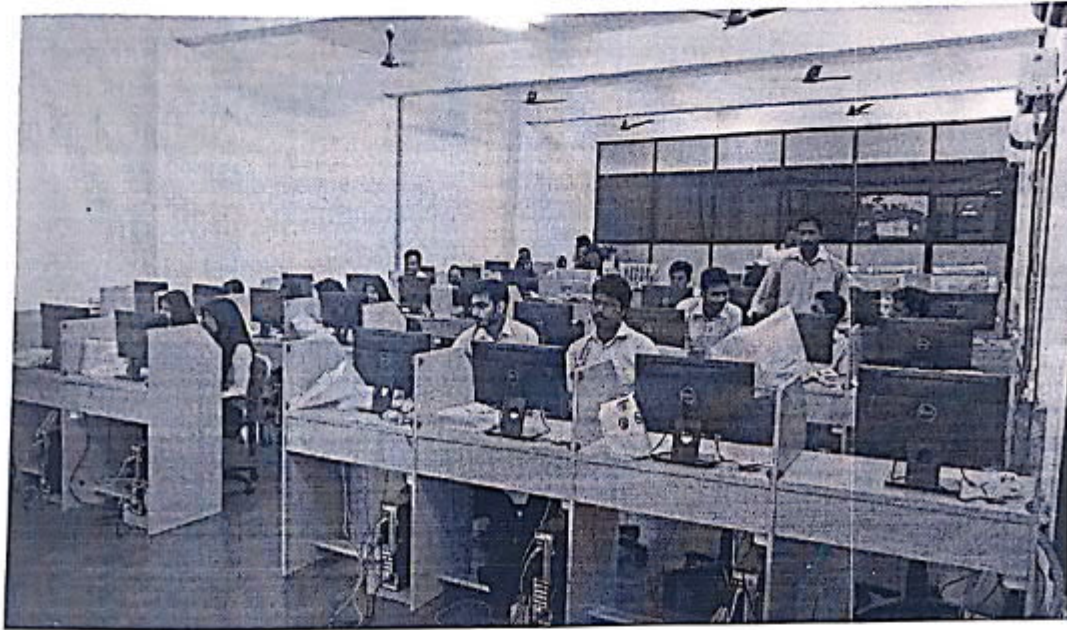
HOD

Name: Mrs. Reena Sebastian

Signature: Mrs. Reena Sebastian

Principal
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KMEA ENGINEERING COLLEGE
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Roll No:

Name

Signature

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Ajas.K.S



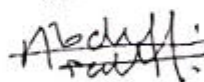
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RUWAIZ AJEED



03

ABDUL SALEEM.P.I



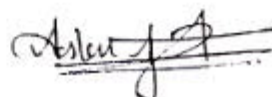
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{ SHAIK MOHAMED HAMEEF
{ SHAIK RAMEEZ



31

Muhammed Aslam



17

Biney John



11

ANAND K.R



19

Elkheze C.P



39

Sajith.V.M



30

Mohamed J.M.N



Nafi.AV



34

ANSHIL.AD



12

Naeem K.I

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Faisal Khan

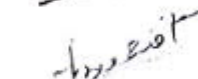


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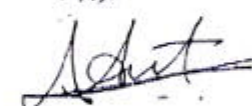
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ANTONY.K.A



04

ABIN JOHNSON



14

ASHIQ RAHMAN





KMEA ENGINEERING COLLEGE
ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT
TECHNOLOGY EMPOWERMENT PROGRAM CELL

ONE DAY WORKSHOP ON ELECTRICAL CAD - PROGRAM SCHEDULE			
DATE	SESSION	TIME	TOPIC
19/03/16	SESSION 1	9AM - 10.30AM	Class on auto CAD tools
	SESSION 2	10.40AM - 12.40PM	Hands on training on auto CAD drawing tools
	SESSION 3	1.30PM - 3PM	Class on electrical CAD tools and environment
	SESSION 4	3.10PM - 4.30PM	Hands on training on single line diagram of multi storeyed buildings



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Programme Schedule

Workshop on Android Application Development

Silent Prayer

- Welcome Speech : Ms.Vidya Hari(HOD,IT)
- Presidential Address : Mrs.Rekha Lakshmanan(HOD,CS)
- Address by guest : Ms.Vineetha
(India Options,Kochi)
- Vote of Thanks : Nimitha K.Y(Student Representative)
- Talk : Ms.Greeshma
(India Options,Kochi.)

Venue : M.Tech Lab

Time:1.30 p.m(on 1-9-2016)


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TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	1-9-2016	Program Coordinators name and contact details:	Arifa Azeez, Asst.Professor,Dept. Of IT Ph:9447616365 Shinu Koyakutty, Asst.Professor,Dept. Of IT Ph:9847045197
Name of Event: Android Application Development Organized by: CS & IT Department			

The **objective** of the event was to provide the students with hands on training on **Android Application Development**.

About Inauguration: ITECHS 2016 conducted the hands on training on Android Application Development in the M.Tech Lab. The session started at 1.30 p.m. IT Department HOD Mrs. Vidya Hari welcomed the gathering. Inauguration was by Ms.Vineetha ,Senior Staff,India Options, Kochi. HOD of CS Department, Mrs.Rekha Lakshmanan addressed the gathering speaking about the importance of such technical sessions. Faculties of CS and IT Department also were present.

An enlightening session on Android Operating system was presented by Ms. Greeshma, Staff,India Options,Kochi.She also provided the training on how to work with Android Platform,how to develop an App,its difference from other softwares etc.14 desktops of the lab were used.

The session closed with the vote of thanks from Nimitha K.Y ,student of S7 IT.

Consolidated feedback received from the participants


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Students and faculty responded positively and gave good feedback.

Conclusion and Outcome

The session was very enlightening and students and faculty gained lot of knowledge regarding the use of Android software and how to develop Apps etc.

TEP Cell Dept. Coordinators

1. Name: Arifa Azeez

2. Name: Shinu Koyakutty

Signature:

Signature:

HODs:

Name: Rekha Lakshmanan, HOD,CS

Vidya Hari, HOD, IT

Signature:

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K.M.E.A Engineering College

Kuzivelippady, Edathala, Ernakulam Dist, Kerala, Pin: 683 561.

Ph: 0484 2411003, 2411004

website:- www.kmeacollege.ac.in, email:- office@kmeacollege.ac.in

Department: IT Batch: IT-2013 Semester: ~~SA~~

ATTENDANCE STATEMENT - WORKSHOP ON ANDROID DEVELOPMENT

Sl.No	Roll No	Student Name	Signature
1	✓ 1	A.Z.SUHANA	Signature ABSENT
2	✓ 2	AKSHARA.S	Signature
3	3	ANNA CHINCHU MATHEW	Signature
4	✓ 4	ELZA SHIYON JOSE	Signature
5	5	FEBIN RAPHY	Signature
6	6	JINSON XAVIER	Signature
7	✓ 7	MARY JISNA THOMAS	Signature
8	✓ 8	MOHAMMED MURSHID K.N	Signature
9	9	MUHAMMED RAFI.K.R	Signature
10	✓ 10	NIMITHA.K.Y	Signature
11	11	NIRMAL JAMES	ABSENT
12	12	SHABANA C.B	ABSENT
13	✓ 13	SHAFNA.A.S	Signature
14	✓ 14	SHAHBAZ.P	Signature
15	✓ 15	SINEERA K.H	Signature
16	✓ 16	SREERAJ.T.R	Signature
17	✓ 17	VISHNU SANTHOSH	Signature

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K.M.E.A Engineering College

Kuzivelippady, Edathala, Ernakulam Dist, Kerala, Pin: 683 561.

Ph: 0484 2411003, 2411004

website:- www.kmeacollege.ac.in, email:- office@kmeacollege.ac.in

Department:CS Batch:CS-2013 Semester:S7

Sl.no	Roll no:	Name	Signature
1		Nurain Rasheed	
2	8	Aneeta Tomy	
3	44	Shijinas K.B	
4	6	Akshara James	
5	30	Radhika Ganesh	



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TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	20-08-2016	Program Coordinators name and contact details:	Adv.P.A ABDUL MAJEED PARAKKADAN, SECRETARY KMEA
Name of Event: COUNSELLING AND MOTIVATION PROGRAM			
Organized by: TEP CELL, EEE DEPT			

1) Objective of the event

To identify the problems of students and to motivate them to build up a good career.

2) Write a brief overview of the following sessions in min 8 sentences each

- Inaugural Session with date, time and details of guests**
Inaugural session of the program commenced at 9.30am on 20/8/2016. The HOD and all the faculties of EEE department were present. The HOD, EEE introduced the guest to the students.
- Different Sessions with date, time and details of speakers/ chairs and the contents delivered or training conducted (write separate paragraphs for each session)**



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Session- I:

Inspirational talk about eminent personalities.

Session-II

Counselling.

Consolidated feedback received from the participants

- The talk helped the students to solve and face problems in the future.
- The talk inspired the students to concentrate in their academics.

Conclusion and Outcome

The talk motivated the students by the inspirational stories of eminent personalities.

Recommendations or Suggestions, if any, for future events

Individual counselling sessions may be included for selected students in future events.

Program Coordinators

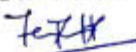
Name: FEMY P.H, ABIDA C.A

Signature:



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TEP Cell Dept. Coordinators

1. Name : FEMY P.H

Signature: 

2. Name : ABIDA C.A

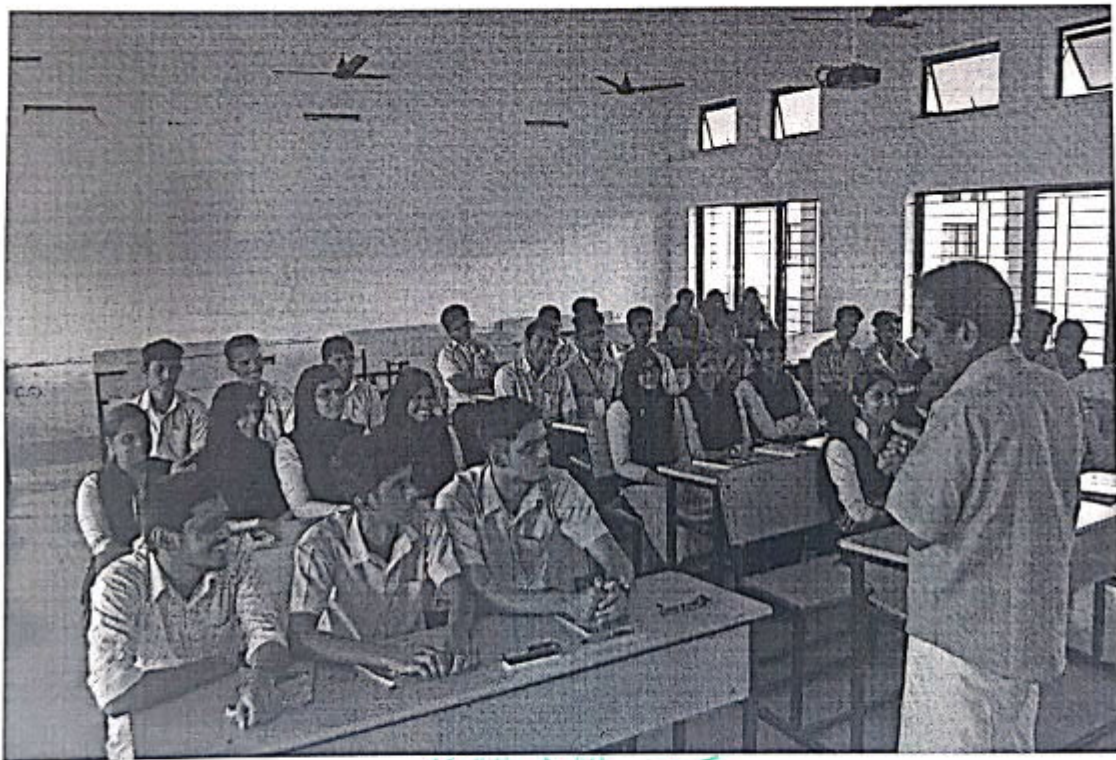
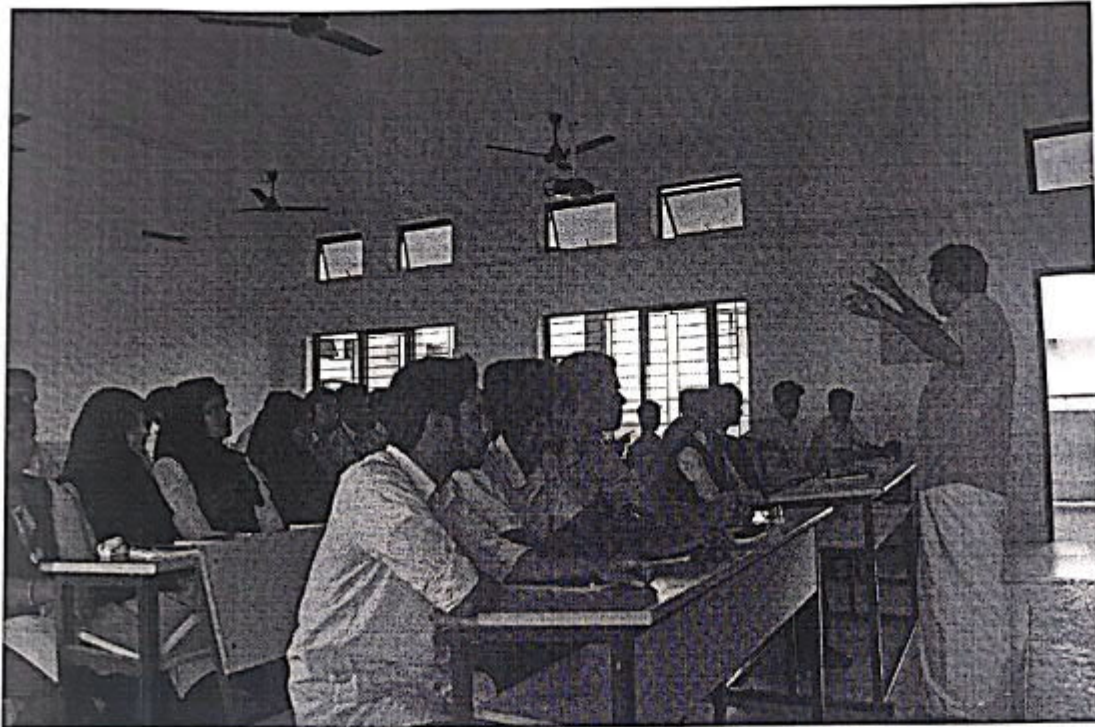
Signature: 

HOD

Name : Prof. REENA SEBASTIAN

Signature : 
 29/8/16





K. S. S. S.

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KMEA ENGINEERING COLLEGE
EDATHALA-683561



Sheet1

KMEA ENGINEERING COLLEGE			
ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT			
COUNSELLING AND MOTIVATION PROGRAM			
DATE	SESSION	TIME	TOPIC
20/08/16	SESSION 1	9.30AM – 11.30AM	Inspirational talk about eminent personalities.
	SESSION 2	11.30AM – 12.30PM	Counselling.


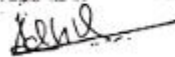
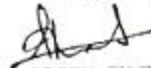
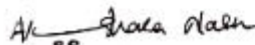


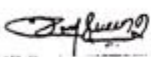
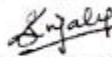



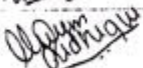
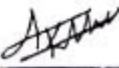


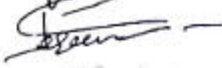




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KMEA ENGINEERING COLLEGE, EDATHALA

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

COUNSELLING AND MOTIVATION PROGRAM_ATTENDANCE_S1 EEE

ROLL NO	NAME	SIGNATURE
1	ABHIJITH B MENON	
2	ADHIL REHMAN	
4	AHAMMED HARSHAD K.H	
5	AKSHARA NATH	
6	ALPHIN ROBERT	
7	AMALDEV P ANIL	
8	AMEER V S	
9	ANJALY GEORGE K	
11	DEEPA K S	
12	FATHIMA FARSANA P N	
13	HARFAZ P N	
15	HUSSAIN SIDHIQUE	
16	IBRAHIM AKTHAR	
18	MOHAMMED ASLAM P A	
19	MOHAMMED RAYEES N A	
21	MUHAMMED JESEEM K M	
23	SHILPA K SATHEESH	
24	SHONE JOSEPH RODRIGUES	
25	SUVAID N	



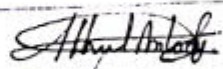


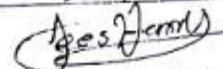



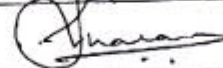
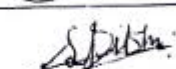

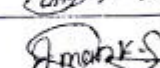
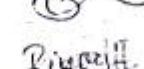
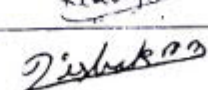
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KMEA ENGINEERING COLLEGE, EDATHALA

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

COUNSELLING AND MOTIVATION PROGRAM_ATTENDANCE_S3 EEE

ROLL NO	NAME	SIGNATURE
3	ATHUL ANTONY V A	
4	AUGUSTINE BIJU	
6	FATHIMA NOURA	
9	JEES HENRY	
11	MUHAMMED ARIF ABDULLA	
12	NEZLA N A	
13	SALIHA C Y	
14	SHAHARASMO N M	
15	SOURAVJITH V S	
16	SREELAKSHMI R	
17	USMAN K S	
18	VARGHESE RINYOY P T	
19	VISHAK V	


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KMEA ENGINEERING COLLEGE
Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	06-08-2016	Program Coordinators name and contact details:	Adv.P.A ABDUL MAJEED PARAKKADAN, SECRETARY KMEA
Name of Event: COUNSELLING AND MOTIVATION PROGRAM			
Organized by: TEP CELL, EEE DEPT			

1) Objective of the event

To identify the problems of students and to motivate them to build up a good career.

2) Write a brief overview of the following sessions in min 8 sentences each

- **Inaugural Session with date, time and details of guests**
Inaugural session of the program commenced at 9.30am on 06/8/2016. The HOD and all the faculties of EEE department were present. The HOD, EEE introduced the guest to the students.
- **Different Sessions with date, time and details of speakers/ chairs and the contents delivered or training conducted (write separate paragraphs for each session)**


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Session- I:

Inspirational talk about eminent personalities.

Session-II

Counselling.

Consolidated feedback received from the participants

- Gave motivation to change the students insight.
- The talk inspired the students to concentrate in their academics.

Conclusion and Outcome

The talk enabled the students to think about their future life in a different way.

Recommendations or Suggestions, if any, for future events

Individual counselling sessions may be included for selected students in future events.

Program Coordinators

Name: FEMY P.H, ABIDA C.A

Signature:

TEP Cell Dept. Coordinators

1. Name : FEMY P.H

Signature: Femy P.H

2. Name : ABIDA C.A

Signature: Abida C.A

HOD

Name : Prof. REENA SEBASTIAN

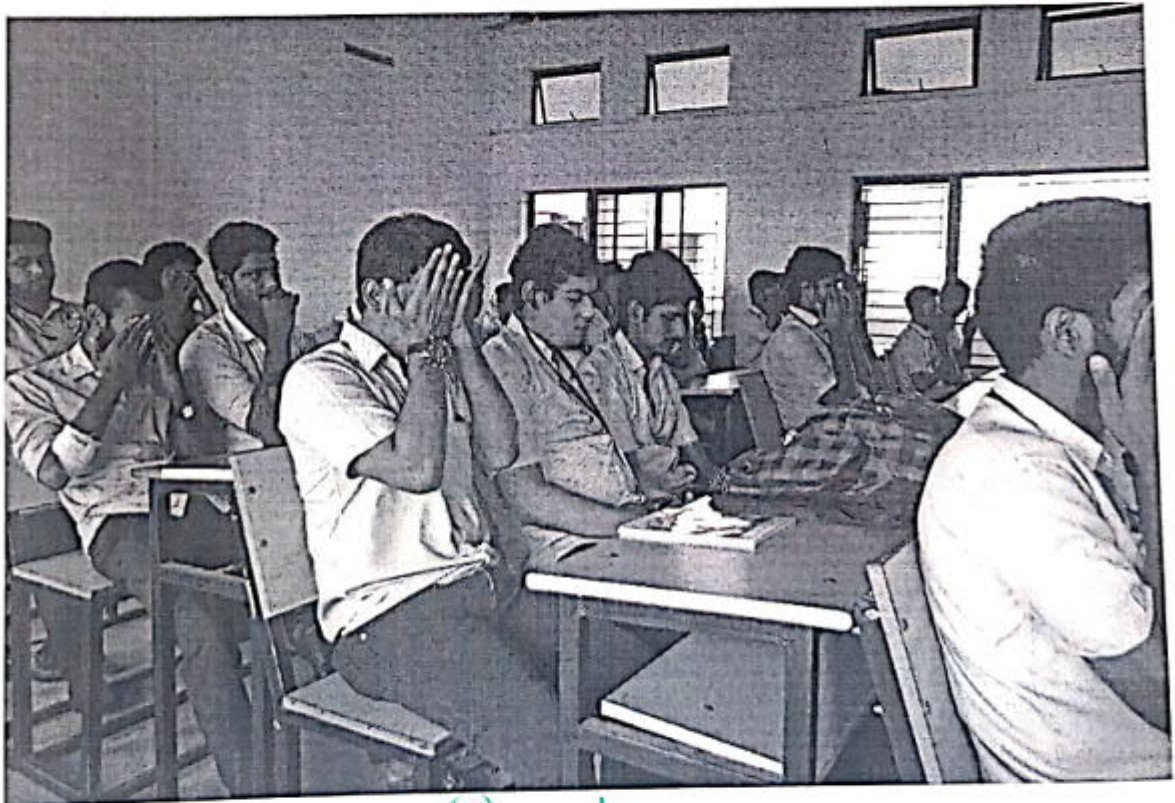
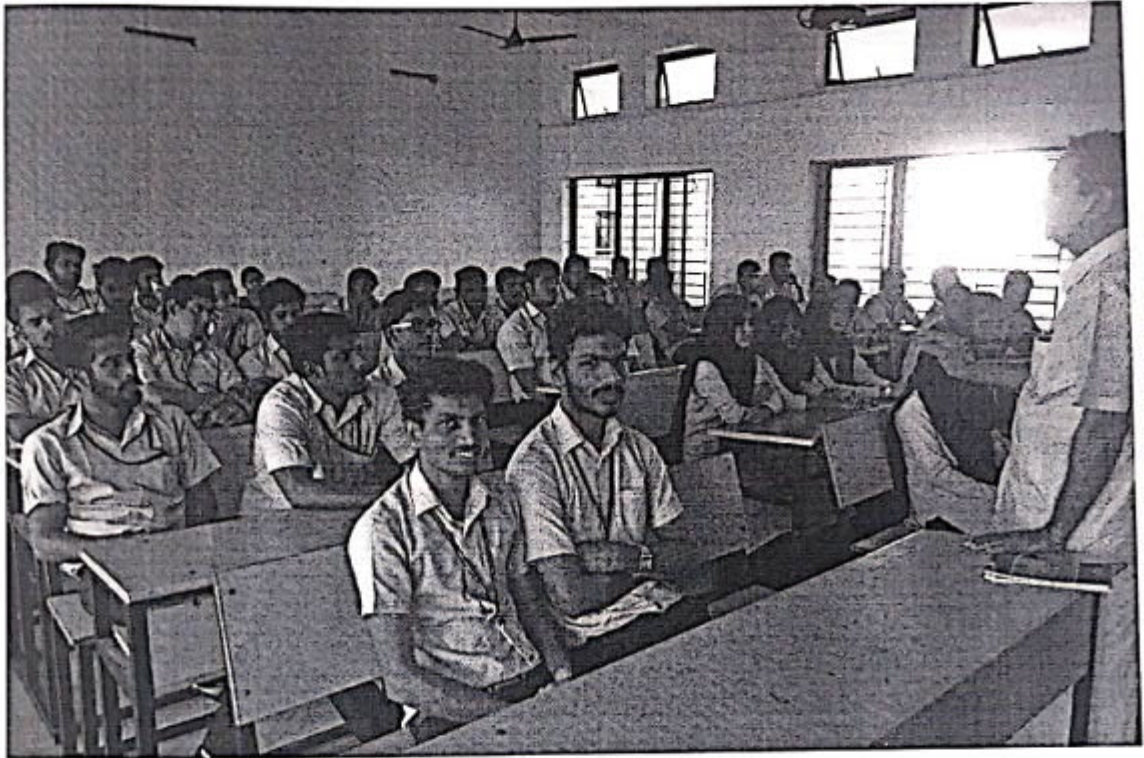
Signature : Reena Sebastian

29/8/2016

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Sheet1

KMEA ENGINEERING COLLEGE			
ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT			
COUNSELLING AND MOTIVATION PROGRAM			
DATE	SESSION	TIME	TOPIC
06/08/16	SESSION 1	9.30AM – 11.30AM	Inspirational talk about eminent personalities.
	SESSION 2	11.30AM – 12.30PM	Counselling.


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ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

COUNSELLING AND MOTIVATION PROGRAM_ATTENDANCE_S5 EEE

Roll No	Name of Student	Signature
1	ABHISHEK M.	
2	ABINABI.VA	
3	AFZAL B. A.	
4	AJMAL P. I.	
5	AMINABI.V.A	
9	KIRAN JOSE	
11	M.P SURESH	
12	MAYURI GRACE	
13	MOHAMMED ASHIQUE E. A.	
14	MUHAMMED NASIF P. A.	
16	NAZAL K N	
17	PRANAV A. V.	
19	RAHIYANATH.TA	
20	RAHUL C. K.	
21	RISHAD B. ASHRAF	
22	SAIFUNNISA NAZAR	
23	SHAMJAD ASHARAF	
24	SREEKANTH P. S.	
25	SUJIL A. S.	

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ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

COUNSELLING AND MOTIVATION PROGRAM_ATTENDANCE_S7 EEE

ROLL NO	NAME	SIGNATURE
1	AMAL MUHAMMED	<i>Amal</i>
2	A.NAVEEN	<i>Naveen</i>
3	ABDUL SALEEM.P.I	<i>Asaleem</i>
11	ANAND.K.R	<i>Anand</i>
12	ANSHIL.M	<i>Anshil</i>
14	ASHIQ RAHIM	<i>Ashiq</i>
19	ELDHOSE.C.P	<i>Eldhose</i>
20	FAHAD M.S	<i>Fahad</i>
21	FAISAL KHAN.S	<i>Faisal</i>
29	MOHAMMED SHEHZAD K.SALIM	<i>Shehzad</i>
30	MOIDEEN SHA.P.N	<i>Moiddeen</i>
33	NAEEM.K.I	<i>Naeem</i>
38	SABAREESH SAJJIN	<i>Sabareesh</i>
39	SAJITH.V.M	<i>Sajith</i>
41	SHAIK MOHD HANEEF SHAIK RAMEEZ	<i>Shameez</i>
43	SWAROOP.P.S	<i>Swaroop</i>
44	VIVEK ATTOOKARAN	<i>Vivek</i>
46	WAYNE FERNANDEZ	<i>Wayne</i>

Principal

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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRONICS AND INSTRUMENTATION
Name of the Head of the Department	SHEEJA.D.S

Technical Field of proposal *Micro project for fifth semester students*

Title of proposal - Seminar / Symposium / Workshop Title

Micro project for fifth semester B.Tech degree Examination

Abstract

Micro projects that are helpful for the students to complete their main project successfully. Various stages include design o/p verification and P-spice simulation.

Objective and Level of activity (Regional / National / International) and target audience

Regional

Fifth semester students EIE Dept.

Project Impact -Expected outcome - academic / social / commercial

Students will be able to do their main project well.

[Signature]
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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
From starting of semester	3.30	A project	Instrumentation Distribution lab.	Basic lab facilities

Eminent personalities expected to participate

Name	Designation	Organization	Activity
	Coordinated by the dept.		

Add rows as required


Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

[illegible]

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
Electronic product design	Design and development of power supply	Daily 3-30-4-15	Dept Level		

Budget Estimates



Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	 PRINCIPAL			
Stationery, printing,				

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Travel, Stay and DA				
Other(pls write each heading in each row)				
Total				

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Muhzina.K.Moideen	Tama.K.Azeez.
Exact designation	Assistant Professor	Asst Professor.
Department	EIE	EIE
Cell number	8089234901	8547441534
Email	mkm.ci@kmea college.ac.in	Tka.ci@kmea college.ac.in
Signature		

HOD 
Thiya.D

PRINCIPAL


DIRECTOR



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No date

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Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	ELECTRONICS AND INSTRUMENTATION
Name of the Head of the Department	SHEEJA.D.S

Technical Field of proposal

Title of proposal - Seminar / Symposium / Workshop Title

BITS

Abstract

A workshop on Relay logic, SCADA and HMI and
Pneumatics

Objective and Level of activity (Regional / National / International) and target audience

Regional,

Project Impact -Expected outcome - academic / social / commercial

Students will acquire a level of exposure, which is usually attainable only from Industries



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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
5 th October 2020	One Day	Workshop	KAFKA Room : B208	

Eminent personalities expected to participate

Name	Designation	Organization	Activity

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ¹ in collaborating/p participating	Financial commitment* in Rs.
Zabur					
Total Rs.					

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional, National, International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
Workshop	PLC		Regional	Indwell	Nil

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council
Remuneration to speakers	1500 / student 500			
Stationery, printing,	1500			



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Travel, Stay and DA	Nil	8x150=1200		
Other(pls write each heading in each row)	1000			
Total	33,800			

Add rows as required
Max assistance 3 Lakh

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Afsal Umar	Shaila C.K
Exact designation	Asst Prof	Asst Prof
Department	EIE	EIE
Cell number	9567981286	9495840616
Email	afsa06@gmail uie.ci@kmeacollege.ac.in	sch.ci@kmeacollege.ac.in
Signature	Afsal	

HOD
Shyama D.S.

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DIRECTOR


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**KMEA ENGINEERING COLLEGE
FACULTY DEVELOPMENT PROGRAMME**

Name of the Department	COMPUTER SCIENCE AND ENGINEERING & INFORMATION TECHNOLOGY
Name of the Head of the Department	MRS.REKHA LAKSHMANAN,MRS. VIDHYA HARI

Technical Field of proposal

FDP - Seminar

Title of proposal

Seminar on Research Methodology

Add rows as required

Abstract

Research and Development activities help in overall development of science which will be uniquely contributed by this seminar. The meeting will help the faculties regarding, set a research question or topic in an appropriate scholarly manner; place a working hypothesis into a real context; use appropriate tools for data collection and analysis; match the research method to the research question; write up research projects using scholarly norms; communicate efficiently and consistently the outcomes of the research before an audience; critically review a research paper manage deadlines in the crafting of a research paper.

Add rows as required

Objective

The objective of this course is the design, development and writing of a scholarly research project. The course will provide the tools and skills required to carry out research.

Add rows as required

Project Impact -Expected outcome


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The seminar will impact researchers with basic skills of writings and introduce standard guidelines for various research designs. It will also motivate the staffs for pursuing higher studies.

Level of activity (Regional / National / International) and target audience
Faculties of all the department

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
OCT. 5 Saturday New-1st Sat	10 am – 3 pm	Lecture by Dr Madhu S Nair	Conference Hall	126 seating capacity projector

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Dr Madhu S Nair	Assistant Professor	Kerala University	Speaker

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ¹ in collaborating/participating	Financial commitment ² in Rs.
			NA		
Total Rs.					

¹Mention role of Industry/organisation.

²Add rows as required

³Attach copy of letters received from participating industry showing intent / financial commitment etc.

Similar event organized by the Department earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/Govt Agencies, Rs.
		NA			

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Budget Estimates

Add rows as required.

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance from funding agency.
Remuneration to speaker	5000			
Stationery				
Travel, Stay (Resource Persons)	300			
Printing(Brochure,Certificates etc)				
Refreshment and Food	2000			
Honorarium/Memento				
Other(specify each heading)				
Total	7300			

Add rows as required.

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Selin M	Maria Joy
Exact designation	Assoc Prof	Assistant Prof
Department	Computer Science & Engg	Computer Science & Engg
Cell number	9446791297	9497278540
Email	snm.cs@kmeacollege.ac.in	mjy.cs@kmeacollege.ac.in
Signature		


HOD REKHA
10/8/16


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DIRECTOR



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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR

Name of the Department	MECHANICAL
Name of the Head of the Department	Mr. Abdul Jaleel K.T

Technical Field of proposal

Engineering simulation

Title of proposal - Seminar

Importance of Numerical Methods in Engineering

Abstract

In mechanical engineering importance of design & simulation is immense. Though we have different software packages available for the purpose, for a technology enthusiast sometimes those packages are not enough. To design their engineering problems in their own way mathematical modeling and solving are required. Numerical methods are the key to solve the multi-dimensional engineering equations.

Objective and Level of activity (Regional / National / International) and target audience

Regional & (Students & Teachers)

Project Impact -Expected outcome - academic / social / commercial

Academic


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Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
20/03/2016	9.00 – 4.00	Lecture & Demo	Conference Hall, PSTA Block	Projector

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Dr. Biju	Associate Professor	CUSAT	Speaker
Dr. P.V Shouri	Associate Professor	MEC, Trikkakara	Speaker

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment ^a in Rs.
-Nil-					
Total Rs.					

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to	Level	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
-Nil-					

Budget Estimates



Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	2000			



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Stationery, printing,	2000			
Travel, Stay and DA	500			
Refreshment	2000			
Total	6500/-	6500/-		

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Mr. Sreejith T.S	Mr. J V C Maliackal
Exact designation	Asst. Prof.	Asst. Prof.
Department	ME	ME
Cell number	9048461966	9495949802
Email	srt.me@kmeacollege.ac.in	jvc.me@kmeacollege.ac.in
Signature		

HOD


-PRINCIPAL

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Proforma for submission of proposal under the scheme SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	BASIC SCIENCE AND HUMANITIES
Name of the Head of the Department	

Technical Field of proposal

MATHEMATICAL SOFTWARES

Title of proposal - Seminar / Symposium / Workshop Title

APPLICATION OF MATHEMATICAL SOFTWARES

Add rows as required

Abstract

Introduction of graphing software tools , demonstration of convergence of Fourier Series by plotting partial sums and solving Differential Equations using softwares.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

The program will help the students to draw the graphs of different functions using plotting softwares and thereby giving a better understanding of different functions. It also helps to get a clear idea about convergence of Fourier Series by plotting their partial sums and to achieve the skill of solving Differential Equations using mathematical softwares.


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Project Impact -Expected outcome - academic / social / commercial

Add rows as required

The students will achieve the skill of using mathematical softwares

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
20/02/2016	10.00am to 3.30pm	Lecture + Demonstration	CAD lab(ME dept.)	40 systems are available for practice

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Pr.Pankaj Kumar.G	Assistant Professor cum system analyst	FISAT Engineering College ,Mukkannur	Speaker

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/p articpating	Financial commitment ^a in Rs.
Total Rs.					

*Mention role of Industry/orgrnisation.

Add rows as required..

*Attach copy of letters received from participating industry showing intent / financial commitment etc.

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

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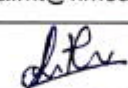
	Nil				
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Add rows as required.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	5000			
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total	5000			

Add rows as required.
Max assistance 3 Lakhs**Details of Coordinators**

	Coordinator 1	Coordinator 2
Name	Naseema.V.A	Sunitha.K.A
Exact designation	Assistant Professor	Assistant Professor
Department	Mathematics	Mathematics
Cell number	9744397599	9846680491
Email	nva.mt@kmeacollege.ac.in	ska.mt@kmeacollege.ac.in
Signature		

HOD

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PRINCIPAL

PRINCIPAL
KMEA ENGINEERING COLLEGE
EDATHALA-683561
DIRECTOR



KMEA ENGINEERING COLLEGE

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TECHNOLOGY EMPOWERMENT PROGRAM CELL EVENT REPORT

Date of event:	14/05/2019	Program Coordinators name and contact details:	Ms. Selin M Ms. Maria Joy
Name of Event: One day Hands on NVIDIA DEEP LEARNING AMBASSADOR WORKSHOP on "Fundamentals of Deep Learning on Computer Vision " Organized by: Computer Science and Engineering Department			

Objective : Introduction to "The fundamentals of Deep Learning".

Overview of the sessions

- The Computer Science and Engineering Department of KMEA engineering college had conducted a one day Hands on NVIDIA DEEP LEARNING AMBASSADOR WORKSHOP on "Fundamentals of Deep Learning on Computer Vision " in association with Computer Society of India , on behalf of TEP(Technical empowerment) cell on May 14, 2019.
- The Session was handled by Dr.Sowmya.V, Assistant Professor at Amrita Center for Computational Engineering and Networking (CEN), Coimbatore Campus. The workshop was a certification program provided by NVIDIA.

Consolidated feedback received from the participants

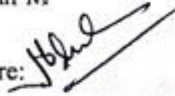
The session was really beneficial to our students.

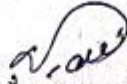
Conclusion and Outcome

All our students passed the test, and got the certificate of NVIDIA. With the God's grace everything went successfully.

Program Coordinators

1. Ms. Selin M Ms. Maria Joy

Signature: 

Signature: 




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TEP Cell Dept. Coordinators

1. Ms. Selin M

Signature:

2. Ms. Maria Joy

Signature:

HOD

Name: Ms. Rekha Lekhsmanan

Signature:



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TECHNOLOGY EMPOWERMENT PROGRAM CELL EVENT REPORT

Date of event:	29/03/2019	Program Coordinators name and contact details:	Ms. Selin M Ms. Maria Joy
Name of Event: Workshop on Web Development Organized by: Computer Science and Engineering Department			

Objective : To develop a practical knowledge on how to develop a Webpage.

Overview of the sessions

- A workshop on web development was conducted by Mr. Yashraj Progate on 29/3/2019.
- This workshop help the students to understand the basic concept of web page development and they tried to do some works in the site which was developed by Yashraj Progate.
- The students do some java script to start the design and he give some tips to work design of web page development.
- He told to get into GIT HUB to do projects. The session helps the students to start a web page development with some background support.

Consolidated feedback received from the participants

The students got a basic knowledge to develop a web page of their own.

Conclusion and Outcome

This program was really helped the students to acquire a basic knowledge to how to develop a Webpage .

Program Coordinators

1. Ms. Selin M

Signature:

Ms. Maria Joy

Signature:



Signature of Principal

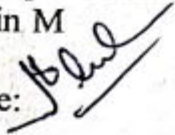
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TEP Cell Dept. Coordinators

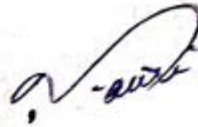
1. Ms. Selin M

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2. Ms. Maria Joy

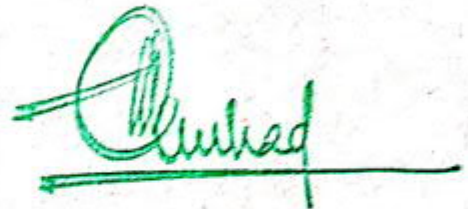
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HOD

Name: Ms. Rekha Lekhsmanan

Signature:



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TECHNOLOGY EMPOWERMENT PROGRAM CELL EVENT REPORT

Date of event:	16/03/2019	Program Coordinators name and contact details:	Ms. Selin M Ms. Maria Joy
Name of Event: Hardware maintenance by students Organized by: Computer Science and Engineering Department			

Objective : To develop a practical knowledge as Engineers.

Overview of the sessions

- The students of Computer Science Department (Six students of S4 CS) along with the help of Lab instructors were engaged in hardware maintenance work as a part of hardware maintenance cell on 16/03/2019.
- First the students recognized the components inside a CPU and the teachers in charge demonstrated how to disassemble a CPU. Later the students disassembled 20 CPUs. After that they were taught how to assemble a CPU.
- Then the hard disk was to be inserted then the motherboard and its main components were to be fixed.
- SMPS was also replaced for some systems. Nearly 20 CPUs were assembled by the students.
- Its functioning was checked and clarified. It was the first work done in hardware maintenance cell.

Consolidated feedback received from the participants

The students have actively participated in the event , and was a great success.

Conclusion and Outcome

This program was really helped the students to have an insight into the hardware parts, there functioning and trouble shooting.

Program Coordinators

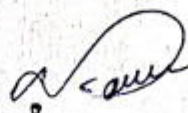
1. Ms. Selin M

Ms. Maria Joy

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KMEA ENGINEERING COLLEGE

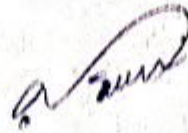
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TEP Cell Dept. Coordinators
1. Ms. Selin M

Signature:

2. Ms. Maria Joy

Signature:



HOD

Name: Ms. Rekha Lekhsmanan

Signature:



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TECHNOLOGY EMPOWERMENT PROGRAM CELL EVENT REPORT

Date of event:	18/03/2019	Program Coordinators name and contact details:	Ms. Selin M Ms. Maria Joy
Name of Event: Webpage and Poster Design Competition Organized by: Computer Science and Engineering Department			

Objective : An inter department web page and poster design competition was conducted.

Overview of the sessions

- The Computer Science and Engineering Department of KMEA engineering college had conducted web page designing contest on 18/03/2019 on behalf of TEP(Technical empowerment) cell .
- The contest was started at sharp 9:30 am at CCF3 lab .Students from other departments were also participated .Around 15 students were there for participation.
- The program was successfully conducted without any inconvenience, because the allotted systems were good enough to work properly. And also the coordinators heartily performed their part.
- The participants were highly talented, they made their best in the contest and also they were disciplinarian.
- The event was successfully wind up at 1 pm.
- On the same day (18/03/2019)itself poster designing contest was also conducted , from 2 pm to 4 pm ,and participants count was 13.
- The theme given to them for designing was "AHAS 2019".We got a variety of excellent posters from them.

Consolidated feedback received from the participants

The students have actively participated in the event , and was a great success.

Conclusion and Outcome

This program was really helped us to capture the talented ones and we can choose them for the further designing part.With the God's grace everything went successfully.

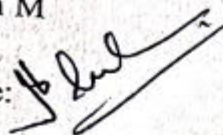


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Program Coordinators

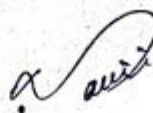
1. Ms. Selin M

Signature:



Ms. Maria Joy

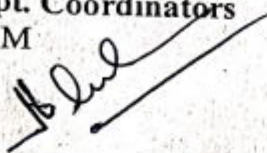
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TEP Cell Dept. Coordinators

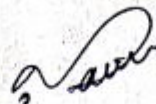
1. Ms. Selin M

Signature:



2. Ms. Maria Joy

Signature:



HOD

Name: Ms. Rekha Lekhsmanan

Signature:



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TECHNOLOGY EMPOWERMENT PROGRAM CELL
EVENT REPORT

Date of event:	30/01/2019	Program Coordinators name and contact details:	Ms. Selin M Ms. Maria Joy
Name of Event: Seminar on Latest trend in Information Technology and Big Data Analytics			
Organized by: Computer Science and Engineering Department			

Objective : To make aware of the new technologies that are gaining importance in the world wide market.

Overview of the sessions

- The session was conducted by Mr. Girish Babu CEO GoFreeLab Technologies, at Conference Room.
- Discussed the latest technologies in the new era, various algorithm based on it, were discussed.
- He convince the students about the importance of internship and training and their respective certifications for future ventures. He inspired them to attend trainings before attending placement drives adherently increasing our skills set.
- It was also reminder that learning new languages would increasing our knowledge and value. Innovative ideas entrepreneurship were encouraged. Discussed the main project and technologies and various platforms on which our projects should be presented. He gave insight about internship , projects and certification courses that would benefit us in the future.

Consolidated feedback received from the participants

The students are really interested with the session.

Conclusion and Outcome

The student were aware of the latest technologies in their stream, and can select the area for their future endeavour.



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Program Coordinators
1. Ms. Selin M

Signature:

Ms. Maria Joy

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TEP Cell Dept. Coordinators
1. Ms. Selin M

Signature:

2. Ms. Maria Joy

Signature:

HOD

Name: Ms. Rekha Lekhsmanan

Signature:



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TECHNOLOGY EMPOWERMENT CELL

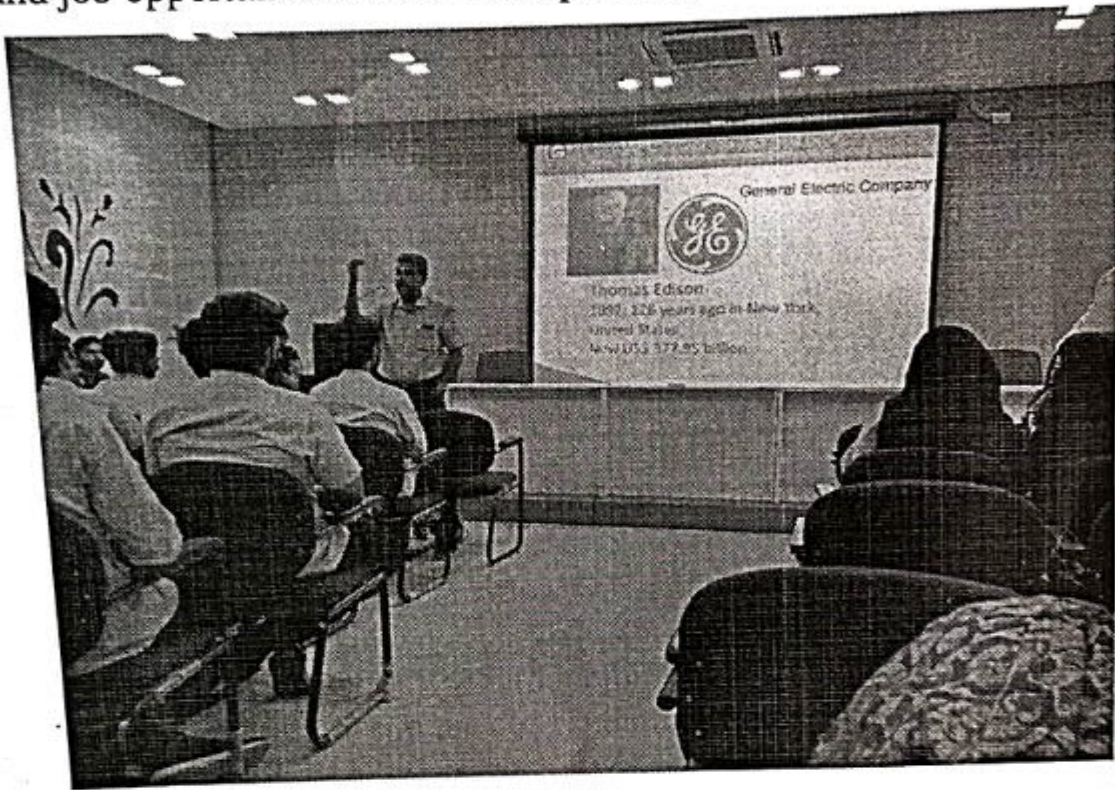
SL NO	DATE	PROGRAM	REPORT	NO. OF FACULTY/PARTICIPANTS/TEAMS	EXPENSES	REMARKS
1	14/02/19	Seminar on changes in industrial instrumentation.	A seminar on industrial instrumentation was conducted on 14/02/2019 was organised by department for s4,s6 and s8 students.The session was handled by Mr.Gopala Krishnan S.B,Managing Director GRAPHENE automation.The students felt the importance of instrumentation and job opportunities in the corresponding field	51	NILL	The students felt the importance of instrumentation and job opportunities in the corresponding field
2	13/03/19	Technical talk on "Recent trends in instrumentation and automation	As part of association activity department of electronics and instrumentation engineering conducted a technical talk on "Recent trends in instrumentation and automation by Smt. Manjusha S , AGM FEDO instrumentation on 13/03/19.The talk was very much interesting and informative and gave awareness about present scenario of instrumentation system.	51	NILL	The talk was very much interesting and informative and gave awareness about present scenario of instrumentation system.
3	13/03/19	Project competition "zraddha" 2019	.Students from various polytechnic colleges participated and winners were awarded cash prizes. students from chertihala polytechnic bag 1st prize for their project titled "multipurpose rescuer"and koratty poly technic college won 2nd prize for their project titled "smart ration shop".	51	13000	.Students from various polytechnic colleges participated and winners were awarded cash prizes.
4	19/03/19 to 21/03/19	Hands on workshop on PLC based industrial automation.	.The session was handled by Joseph Rojer R& D Manager,Walrus Marine And Engineering Company Pvt.Ltd.The purpose of this workshop was to provide an awareness about current scenario of automation in the field of industrial instrumentation.The hands on session help the students to build experience on programming on SCADA and different PLC's.It makes the students to think of different practical aspects of industrial automation	33	16000	The program generated an enthusiasm among students to know about the latest developments.

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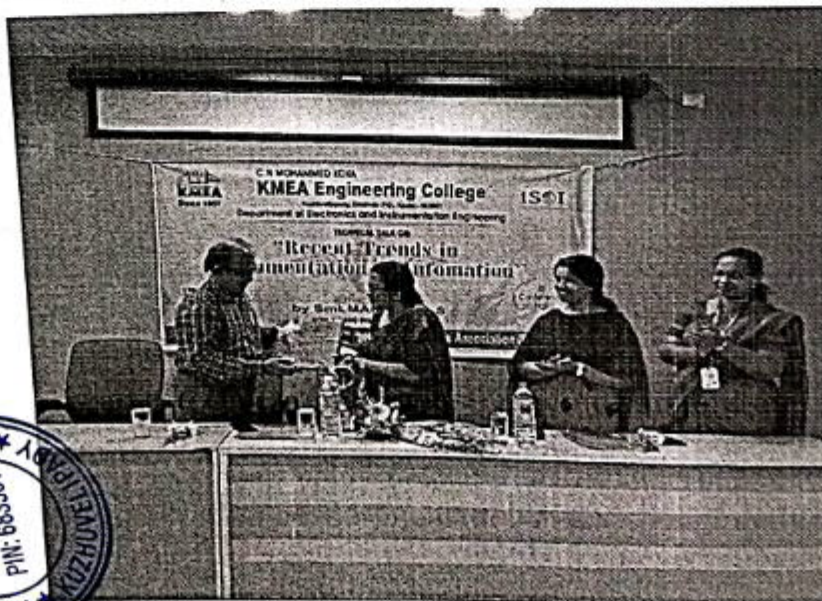
Seminar on changes in industrial instrumentation.

A seminar on industrial instrumentation was conducted on 14/02/2019 was organised by the department for s4,s6 and s8 students. The session was handled by Mr. Gopala Krishna S.B., Managing Director GRAPHENE automation. The students felt the importance of instrumentation and job opportunities in the corresponding field.



Technical talk on "Recent trends in instrumentation and automation"

As part of association activity department of electronics and instrumentation engineering conducted a technical talk on "Recent trends in instrumentation and automation" by Smt. Manjusha S, AGM FEDO instrumentation on 13/03/19. The talk was very much interesting and informative and gave awareness about present scenario of instrumentation system.



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PRINCIPAL

Manjusha S

Project competition "zraddhA" 2019

Department of Electronics and Instrumentation conducted Project competition "zraddhA" 2019 on 13/03/19 at instrumentation lab. Students from various polytechnic colleges participated and winners were awarded cash prizes. students from cherthala polytechnic bag 1st prize for their project titled "multipurpose rescuer" and koratty poly technic college won 2nd prize for their project titled "smart ration shop".



Hands on workshop on PLC based industrial automation.

Department of Electronics & Instrumentation Organised a three days training programme on "PLC based industrial automation" on 19/03/19 to 21/03/19 .The session was handled by Joseph Rojer R& D Manager, Walrus Marine And Engineering Cmpny Pvt.LTd. The purpose of this workshop was to provide an awareness about current scenario of automation in the field of industrial instrumentation. The hands on session help the students to build experience on programming on SCADA and different PLC's. It makes the students to think of different practical aspects of industrial



automation.

Chithra

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EVENT REPORT

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Bijesh Paul
Name of Organizing Agency/Institution	Kmea Engineering College, Edathala
Field of Proposal: Innovation	

Title of Proposal: Introduction to Micromachining

Abstract: A micro- system is an intelligent miniaturized system comprising sensing, processing and/or actuating functions. Micro engineering refers to the technologies and practice of making three dimensional structures and devices with dimensions in the order of micrometers. Micromachining is the basic technology used for the production of miniaturized parts and components. Micromachining resulted in the fabrication of a broad class of devices whose defining characteristics were micrometer-scale feature size and electromechanical functionality, and these systems are collectively called as MEMS.

Objective and level of activity: Seminar

Project Impact: The seminar aims to give a deep understanding of the different micromachining technologies presently available and there application in product manufacturing. The seminar is indented to give an idea about some of the technologies like EDM, ECM, Laser Beam, Ultrasonic machining.

Program Details:

Date	Time	Activity	Venue	Infrastructural Requirements & Availability	No. of Participants			
					Staff		Student	
					Int.	Ext.	Int.	Ext.
31/01/2019	9.30 am	Talk on Introduction to Micromachining	Conference Hall , PSTA, Kmea Engg College	Sound System, Projector.	5	0	40	0

Eminent Personalities expected to participate

Name	Designation	Organization	Activity
Dr : Basil kuriachen	Assistant Professor	NIT Mizoram	Invited Talk

Budget Estimates:

Head of Expenditure	Budget by Parent organization	External / Sponsorships	Total Expenditure
Travel, Stay and DA		Rs. 600	
			Total: Rs. 600

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Details of Coordinators:

	Coordinator 1	Coordinator 2
Name	Prof. Muhammed Fazal	Prof. Haris P A
Exact Designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Phone Number	9947904941	9496462569
Email	mdf.me@kmeacollege.ac.in	hpa.me@kmeacollege.ac.in
Signature		

Number of photos attached with file names: 3

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DIRECTOR

Note: Attendance of Participants attached

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Electrochemical Machining

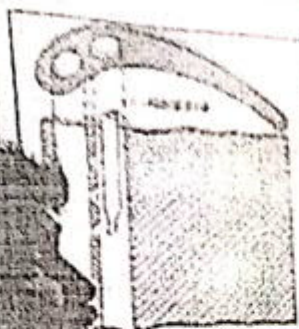
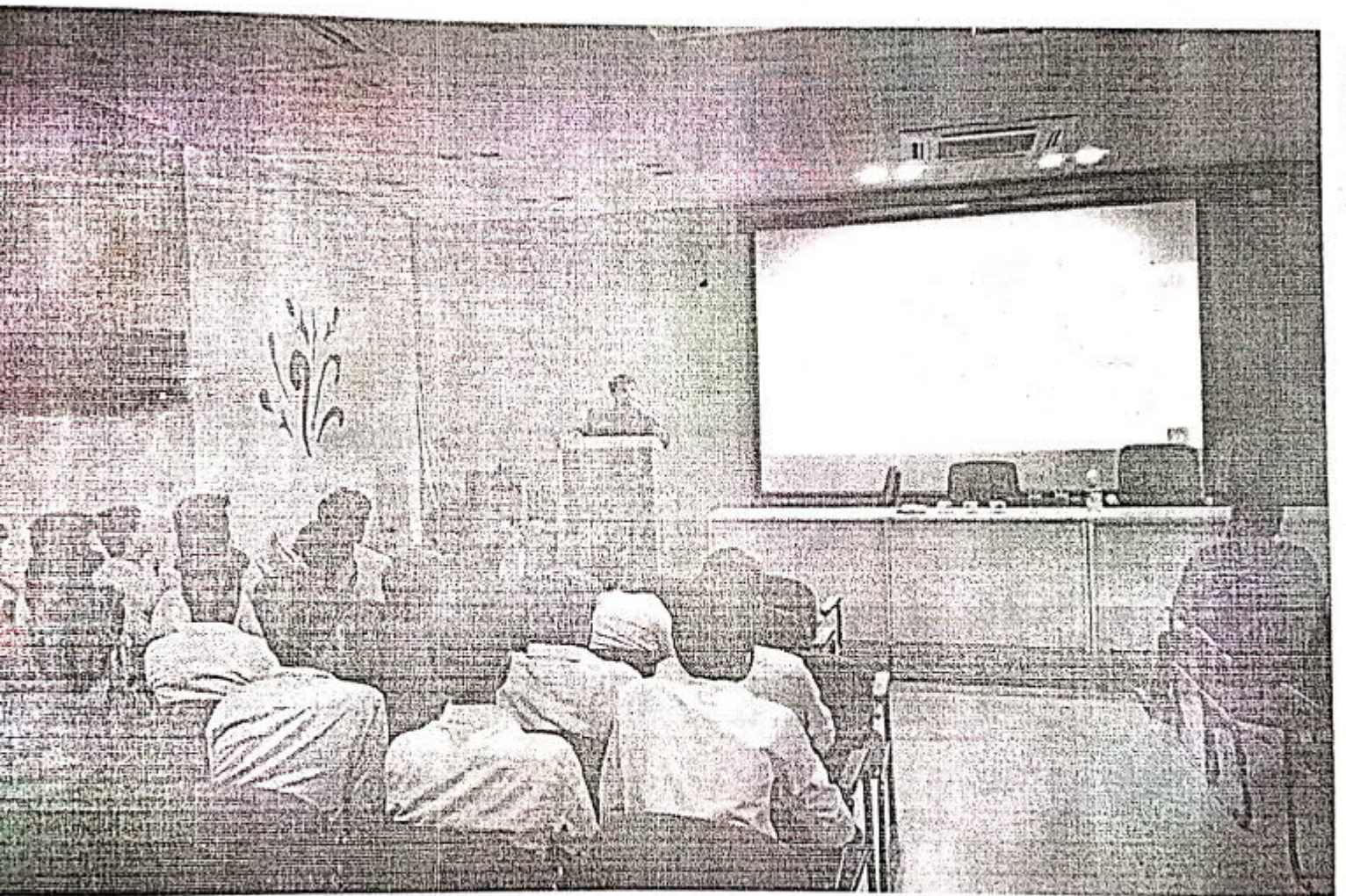


Fig: Turbine blade with cooling holes



Fig: Contour hole drilled in Inconel using ECM

Dr. B. K. Kishore, Assistant Professor, NIT Warangal



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KMEA ENGINEERING COLLEGE

Kuzhivelipady, Edathala P.O, Kochi-683561

COMMUNICATION FOR TEP CELL PROGRAMME

Department of mechanical engineering

It is decided to conduct a Talk on "Carrier opportunities in Oil and Gas Industries" by IVON academy for final year students on 21/02/2019. All are requested to attend.

Venue : CONFERENCE HALL, PSTA HALL

Time: 2.30 pm


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part 1

KMEA ENGINEERING COLLEGE
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EVENT REPORT

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Bijesh Paul
Name of Organizing Agency/Institution	Kmea Engineering College, Edathala

Field of Proposal: Career Guidance

Title of Proposal: Talk on Career opportunities in Oil and Gas industries.

Abstract: The Talk aims at enabling students with the knowledge of typical Oil and Gas Construction process and the HSE involved along all the process. This talk is conducted and handled by personnel with rich industrial experience in the Oil and Gas sector for various MNCs in India and GCC. This talk briefly explains the Importance and role of mechanical engineers in oil and gas industries.

Objective and level of activity: Seminar

Project Impact: The seminar aims to give a deep understanding of the different carrier opportunities in oil and gas field such as Welding and Related Works, Piping and Pipelines, Surface Preparation and Coating, Tank Construction, Structural Steel Works, Equipment Installation, E&I Installation, and NDT.

Program Details:

Date	Time	Activity	Venue	Infrastructural Requirements & Availability	No. of Participants			
					Staff		Student	
					Int.	Ext.	Int.	Ext.
21/02/2019	2.30 pm	Talk on Carrier opportunities in Oil and Gas industries.	Class room C – 402, PSTA BLOCK	Sound System	5	0	70	0

Eminent Personalities expected to participate

Name	Designation	Organization	Activity
Mr. Faisal Farook	Faculty	IVON academy	Talk

Budget Estimates:

Head of Expenditure	Budget by Parent organization	External / Sponsorships	Total Expenditure
Travel, Stay and DA			Rs. 0
			Total Rs. 0



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Details of Coordinators:

	Coordinator 1	Coordinator 2
Name	Prof. Muhammed Fazal	Prof. Haris P A
Exact Designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Phone Number	9947904941	9496462569
Email	mdf.me@kmeacollege.ac.in	hpa.me@kmeacollege.ac.in
Signature		

Number of photos attached with file names: 6

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EDATHALA-683561

DIRECTOR

Note: Attendance of Participants attached





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KMEA ENGINEERING COLLEGE
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
TECHNOLOGY EMPOWERMENT PROGRAMME CELL

SL NO	DATE	PROGRAM	REPORT	NO. OF FACULTY/PARTICIPANTS/	EXPENSES	REMARKS
1	28-11-2018	Technical talk on recent trends in embedded system	This workshop is an attempt to introduce and familiarize the basics of embedded systems to the beginners, and to build confidence among faculty and students to take up project in this area.	70	Rs.3000/-	Program helped our faculty and students to be aware of developments in the field Embedded system
2	30-11-2016	Hands on workshop for NS2	To provide an insight into the fundamentals of network simulation software to tackle problems in the field of communication and computer networks	15	Nil	Program helped our faculty to be aware of developments in the field of network simulation.
3	20-03-2017	WAVE CLONING	It is acircuit design and waveform generation competition for B-Tech students of KMEA Engg College.	23	Rs.1800/-	Participants gets an idea of how to design of c circuit by using available components.
4	07-04-2017	Workshop on EMI/EMC(Seminar for M-TECH Students)	To get an idea about EMI/EMC which is essential for electronic product design.	5	Nil	Participants gets an idea of how to compensate for EMI/EMC
5	20-02-2016	Hands on Workshop on SPICE Software(OSCAD)	To familiarize how to simulate the electronics/digital circuits, signals & system using SPICE	15	Nil	Participants gets an idea of how simulate circuits using OSCAD software.
6	03-12-16	Hands on Workshop on NS2	To provide insight into the fundamentals of network simulation software to tackle problems in the field of communication and computer networks	15	Nil	Participants gets an idea of how to simulate computer and communication networks for scientific and reserch purpose
	09/05/2016-10/05/2016	Internet Of Things(IoT): Trends and challenges	To Identify reserch opportunities in IOT technology applications and services	20	Rs.17655/-	Got idea about IOT, HTML, SQL, PHP and JAVA

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Page 1
part 1

KMEA ENGINEERING COLLEGE, EDATHALA
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION
DEPARTMENT ACTIVITIES REVIEW

SLN o.	Date	ACTIVITY-CONDUCTED WITH DATE	Report	PARTICIPANTS	RESOURCE PERSON	OVERALL EXPENDITURE	REMARKS
1	20-2-2016	Workshop on pcb design on 3.3.16	A workshop on PCB design was organized by department for 56 students. The session was handled by Mr. Afsal Umar Asst. Prof EI Dept.	56 students of eie(34)	AFSAL UMAR, ASSISTANT PROFESSOR, DEPARTMENT OF EIE		Students got idea about PCB Design
2	5-3-2016	Prashnothari 2k16-quiz competition - 9-3-16	Field of Quiz was General - 4 teams from KMEA participated. First prize was won by EE Dept.. Certificates and Cash Prize was distributed.	52 students of all branches(10)		Rs.1500	Questions of the quiz kept a standard nearly equivalent to national quiz program. Quiz Masters were so much appreciated.
	9.3.2016	Workshop on industrial automation - 9.3.16	A workshop on Industrial Automation was organized by department 58 students. The session was handled by SITT. They are familiarised with different instrumentation and calibration of instrument.	58 students of eie(34)	SITT, THALAYOLAPARAMPU	?	They are familiarised with different instruments
4	18-3-2016	Talk on career specialisation in electronics and instrumentation- 29.2.16	A talk on career specialisation in Instrumentation & Job opportunities was organized by department for 58 students. The session was handled by Mr. Noby Sebastian, Smech.	58 students of eie and eee and 56 eie(75)	NOBY SEBASTIAN, R&D ENGINEER, SMSC AUTOMATIONS, KALOOR	Rs.2100	Students got more idea about career specialisation in electronics and Instrumentation

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✓ 5	14.3.16 to 16.3.2016	Workshop on advanced industrial automation- 14.3.16 to 16.3.16	A workshop on Advanced Industrial Automation was organized by department for s8 students. The session was handled by Person from Indwell Automation. Students are familiarised and trained with PLC	s6 eie s8 eie,eee,mef(40)	BY HIMANSHUKUMAR AND DEV, INDWELL AUTOMATIONS, PUNE	Rs.15769	
6	14.3.16 to 16.3.2016	Workshop on advanced industrial automation date conducted: 14.3.16 to 16.3.16	A workshop on Advanced Industrial Automation was organized by department for s8 students. The session was handled by Person from Indwell Automation. Staffs are familiarised and trained with PLC	faculty-eie(6)	BY HIMANSHUKUMAR AND DEV, INDWELL AUTOMATIONS, PUNE		
✓ 7	21-2-2016	An introduction to LABView-21-2-16	A labview session was arranged for S8 stuents by merlin Rose asst.professor EI dept	S8 eie(26)	MERLIN ROSE SEBASTIAN, ASST. PROF, DEPT OF EIE	?	
✓ 8	11.2.2016	Talk on pic programming on 11.2.16	A PIC programming session was arranged for S8 stuents by Binishe asst.professor Ec dept	s8 eie(34)	BINISH, ASSISTANT PROFESSOR, ECE	?	
✓ 9	14/02/18	Seminar on Recent trends in instrumentation & opportunities T on 14/02/18	A seminar on recent trends in Instrumentation & Job opportunities was organized by department for s1, s4 and s8 students. The session was handled by Mr. Babu Kurian, Senior Instrumentation Engineer, FACT on 14/02/18. The students felt the importance of instrumentation and Job opportunities in the corresponding field	S1,s4,s8(75)	MR. BABU KURIAN, SENIOR INSTRUMENTATION ENGINEER, FACT 14/02/18	?	The program generated an enthusiasm among students to know about the latest developments.
✓ 10	9/02/2018	Seminar on Industrial Automation 9/02/2018	A Seminar for presenting an idea about Industrial automation was conducted by Smech Automation for final year students on 9/02/2018. Students got an idea about importance of Industrial Automation	S8(26)	SMECH AUTOMATION	?	Students got an idea about importance of Industrial Automation


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11	14/02/2018	Seminar on PLC Basic Concepts and Automation 14/02/2018	A seminar was conducted for final year students about PLC basic concepts and Automation .The session was handled by Quadrent technology on 14/02/2018.The session was very informative and got an idea about PLC programming and importance of PLC in automation	S6,s8(45)	QUADRENT TECHNOLOGY	?	The session was very informative and got an idea about PLC programming and importance of PLC in automation
12	06/02/18 & 07/02/18	Training Program on Plant Design Engineering on 06/02/18 & 07/02/18.	A Two days training program was conducted by POUL Institute North paravoor for S8 students on 06/02/18 & 07/02/18.The programme was intended to train Students on Plant Design Engineering , They were familiarized with Wiring diagrams,Hook-up diagrams,F&G drawings,layout drawings.	S8 (29)	POUL Institute North paravoor for S8 students on 06/02/18 & 07/02/18.	?	They were familiarized with Wiring diagrams,Hook-up diagrams,F&G drawings,layout drawings.



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TECHNOLOGY EMPOWERMENT CELL

SL NO	DATE	PROGRAM	REPORT	NO. OF FACULTY/PARTICIPANTS/TEAMS	EXPENSES	REMARKS
✓ 1	18-02-2016	Demonstration on Cyber Forensic Ethical Hacking	The first session deals with the open source concept. He discuss various open source operating systems and tools available, and he also give the In the second session he discussed various cyber threats and attacks. He also explained some live incidents that had happened around us. The session also had a demo on sniffing which also gave the students a practical insight about hacking, benefit of using open source.	CS STUDENTS	NIL	Having able to gain knowledge in the arena of hacking or better say craking, the event was successfully held
✓ 2	11-08-2016	Hands-on Workshop on Data Mining and Basics of Python	The session was started by Ms. Soumya Joseph, Assistant professor of CSE in the Language Lab and introduce the basic concepts of Python and have done some simple programs. During the second session, Mr. Sreeraj M, Assistant professor, Senior guide in FISAT Angamaly familiarized with data mining concepts and data mining algorithm. He shows how to makes the data suitable for a specific analysis to be performed. Also explained about k-nearest neighbor algorithm with euclidean distance and the Hamiltonian-Based Clustering algorithm for data mining.	BTECH/MTECH CS STUDENTS		The session revealed about the basic concepts of data mining and how to implement different data mining algorithms.
✓ 3	19/02/2018, 22/2/18, 23/2/18	A hands on workshop on Ethical Hacking	The main topics were Various types of Footprinting, Footprinting Tools, and its counter measures Networking Scanning Techniques, Social Engineering Techniques, DoS attack Techniques, Android Hacking and Mobile platform attack vector and System Hacking Methodology	1 st , 2 nd , 3 rd year CS STUDENTS		Conducted successfully and students were satisfied
✓ 4	22/9/2016, 23/09/2016	Two Day Workshop on Android Application Development	The first session dealt with the basic introduction to Android and its versions which lasted for about 30 mins. Then started with the hands on session where basic application creation was done, which introduced how to create activities, place form widgets and to intend from one activity to another. The first session dealt with the basic introduction to Android and its versions which lasted for about 30 mins. Then started with the hands on session where basic application creation was done, which introduced how to create activities, place form widgets and to intend from one activity to another. The second session explained creation of a search engine for android, setting manifest permissions etc. Second day starts with applications that interact with hardware of the mobile phones like camera. The afternoon session dealt with applications that explained text to speech and database connectivity with SQL lite in Android.	CS STUDENTS		The workshop was an eye opener for the beginners and it covered major sections of Android environment and how to develop an application from the scratch. The workshop was a tremendous success as it instilled in the students a renewed vigour in their academic and project perspectives.
✓ 5	25/07/2017, 26/07/2017	Faculty Development Program on Graph Theory and Combinatorics	The program was inaugurated on 25 th July 2017 at 9.30 by our Director Dr. Amar Nishad T M. The sessions were handled by Ms. Ann V (Asst. Professor, St. Peters College Kolenchery), Ms. Nascema V A and Ms. Sunitha K A (Asst. Professors, KMEA Engg. College). Faculties from 16 colleges participated in this FDP.	Faculties of our college and other engineering colleges		Conducted successfully

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KMEA ENGINEERING COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING
TECHNOLOGY EMPOWERMENT CELL

S/N	DATE	PROGRAM	REPORT	NO. OF FACULTY/PARTICIPANTS/TEAMS	EXPENSES	REMARKS
1	11/16/2018	Talk on Importance of safety in current industrial scenario	The Talk on "Importance of safety in current industrial scenario" was conducted by TEP cell at department of Mechanical Engineering on 16/11/18. This event was for fourth year mechanical engineering students. The talk was conducted at Conference hall and delivered by Smt. Dayana, Irez Academy. This session was started at 3.00 PM. This talk briefly explains Importance and awareness of Industrial safety, Role of Safety professionals in industry and International Certification course NEBOSH. There was a test at 4.00 PM to check students knowledge in the field of industrial safety. The event was concluded at 4.15 pm	65	Nil	Program helped our final year students to be aware of importance of safety in current industry <i>part 1</i>
2	11/13/2018	Talk on Entrepreneurship	This talk was conducted jointly by mechanical association and Tep cell. It was conduct on 13-11-18. The talk handled by Roshan Poomkudy, leading entrepreneur. The talk was about an entrepreneur, How an entrepreneurship stars and manage	200	Rs. 1000/-	Our students got an idea about how to become an entrepreneur, How an entrepreneurship stars and manage <i>part 1</i> <i>part 1</i>
3	4/12/2018	Carrier mapping skills in areas of marine, oil, gas sector	Interactive session or talk on "carrier mapping skills in areas of marine, oil, gas sector by Dinesh Gopinath, Safety engineer ADNOC, Dubai on 12/4/2018	110	Rs. 1000/-	Final year students get aware the scope in field of marine, oil and gas <i>part 1</i> <i>part 1</i>
4	21/2/1018	Seminar on industry oriented mechanical software and its application	Seminar on Industry Oriented Mechanical Softwares and its Applications conducted by CADID centre on 21/2/18 for Mechanical Engineering students	110	Nil	Program helped our final year students to be aware of Industry Oriented Mechanical Softwares and its application <i>data</i>
5	1/23/2018	Application of petri nets in supply chain system	Invited talk about application of petri nets in supply chain system by Dr. Franklin R John on 23/1/2018	120	Rs 1000/-	Program helped our final year students to be aware of application of petri nets in supply chain system

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KMEA ENGINEERING COLLEGE, EDATHALA
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION
DEPARTMENT ACTIVITIES REVIEW

SLN o.	Date	ACTIVITY-CONDUCTED WITH DATE	Report	PARTICIPANTS	RESOURCE PERSON	OVERALL EXPENDITURE	REMARKS
1	20-2-2016	Workshop on pcb design on 3.3.16	A workshop on PCB design was organized by department for 56 students. The session was handled by Mr. Afsal Umar Asst. Prof EI Dept.	56 students of eie	AFSAL UMAR, ASSISTANT PROFESSOR, DEPARTMENT OF EIE		Students got idea about PCB Design
2	5-3-2016	Prashnothari 2k16-quiz competition - 9-3-16	Field of Quiz was General - 4 teams from KMEA participated. First prize was won by EE Dept.. Certificates and Cash Prize was distributed.	52 students of all branches		Rs. 1500	Questions of the quiz kept a standard nearly equivalent to national quiz program. Quiz Masters were so much appreciated.
3	9-3-2016	Workshop on industrial automation - 9.3.16	A workshop on Industrial Automation was organized by departments 8 students. The session was handled by bSIIT. They are familiarised with different instrumentation and calibration of instrument.	8 students of eie	SITI, THALAYOLA PAPA MPU	?	They are familiarised with different instruments
4	18-3-2016	Talk on career specialisation in electronics and instrumentation- 29.2.16	A talk on career specialisation in Instrumentation & Job opportunities was organized by department for 98 students. The session was handled by eie.	98 students of eie and 98 eee and 98 eie	NOBY SEBASTIAN, P&D ENGINEER, SMEC AUTOMATIONS, KALOOR	Rs. 2160	Students got more idea about career specialisation



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		by Mr. Noby Sebastian, Smech .				in electronic and Instrumentation.
5	14.3.16 to 16.3.2016	Workshop on advanced industrial automation-14.3.16 to 16.3.16	A workshop on Advanced Industrial Automation was organized by department for s8 students. The session was handled by Person from Indwell Automation. Students are familiarised and trained with PLC	s6 eie s8 eie, eee, me	BY HIMANSHUKUMAR AND DEV, INDWELL AUTOMATIONS, PUNE	Rs.15769
6	14.3.16 to 16.3.2016	Workshop on advanced industrial automation date conducted: 14.3.16 to 16.3.16	A workshop on Advanced Industrial Automation was organized by department for s8 students. The session was handled by Person from Indwell Automation. Staffs are familiarised and trained with PLC	faculty-eie	BY HIMANSHUKUMAR AND DEV, INDWELL AUTOMATIONS, PUNE	
7	21-2-2016	An introduction to LABView-21-2-16	A labview session was arranged for S8 students by merlin Rose asst. professor EI dept	S8 eie	MERLIN ROSE SEBASTIAN, ASST. PROF, DEPT OF EIE	
8	11.2.2016	Talk on pic programming on 11.2.16	A PIC programming session was arranged for S8 students by Binishe asst. professor Ec dept	s8 eie	BINISH, ASSISTANT PROFESSOR, ECE	
9	14/02/18	Seminar on Recent trends in instrumentation & opportunities on 14/02/18	A seminar on recent trends in Instrumentation & Job opportunities was organized by department for s1, s4 and s8 students. The session was handled by Mr. Babu Kurian, Senior Instrumentation Engineer, FACT on 14/02/18. The students felt the importance of instrumentation and Job opportunities in the corresponding field	S1, s4, s8	MR. BABU KURIAN, SENIOR INSTRUMENTATION ENGINEER, FACT 14/02/18	The program generated an enthusiasm among students to know about the latest developments.



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10	9/02/2018	Seminar on Industrial Automation 9/02/2018	A Seminar for presenting an idea about Industrial automation was conducted by Smech Automation for final year students on 9/02/2018. Students got an idea about importance of Industrial Automation	S8	SMECH AUTOMATION	?	Students got an idea about importance of Industrial Automation
11	14/02/2018	Seminar on PLC Basic Concepts and Automation 14/02/2018	A seminar was conducted for final year students about PLC basic concepts and Automation. The session was handled by Quadrent technology on 14/02/2018. The session was very informative and got an idea about PLC programming and importance of PLC in automation	S6, S8	QUADRENT TECHNOLOGY		The session was very informative and got an idea about PLC programming and importance of PLC in automation
12	06/02/18 & 07/02/18	Training Program on Plant Design Engineering on 06/02/18 & 07/02/18.	A Two days training program was conducted by POUL Institute North paravoor for S8 students on 06/02/18 & 07/02/18. The programme was intended to train Students on Plant Design Engineering. They were familiarized with Wiring diagrams, Hook-up diagrams, F&G drawings, layout drawings.	S8	POUL Institute North paravoor for S8 students on 06/02/18 & 07/02/18.		They were familiarized with Wiring diagrams, Hook-up diagrams, F&G drawings, layout drawings.

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KMEA ENGINEERING COLLEGE
DEPARTMENT OF CIVIL ENGINEERING
TECHNOLOGY EMPOWERMENT CELL

SL NO	DATE	PROGRAM	REPORT	NO. OF FACULTY/PA RTICIPANTS/ TEAMS	EXPENSES	REMARKS
1	20/02/2016	FACULTY DEVELOPMENT PROGRAM-TALK	FDP was on 'Innovations In Different Fields of Civil Engineering' - Dr. Babu T Jose delivered a talk on 'Ground Improvement Using Latest Techniques' Dr. Anil Joseph delivered a talk on 'Latest trends in Construction' and Dr Deepa G.Nair gave a talk on 'Green Building and Sustainable Construction'	24	Rs.11,000/-	Program helped our faculty to be aware of developments in the field Civil Engineering
2	15/08/2016	INTER COLLEGE QUIZ COMPETITION- ASTHRA	Field of Quiz was Technology Based on Civil Engineering -2 teams from CUSAT and 4 teams from KMEA participated.First prize was won by CUSAT Team.Quiz masters were Asst.Prof Aysha Rasheed and Asst.Prof Rinsa C Jaleel.Cash Prizes were awarded	6	Rs.8000/-	Questions of the quiz kept a standard nearly equivalent to national quiz program.Quiz Masters were so much appreciated.
3	07/10/2016	FDP-TRAINING ON TOTAL STATION SURVEYING	Training was given by Government Surveyor Shiju.Faculty were divided into 2 batches	23	Rs.4750/-	Many of our faculty became experts in Total Station Surveying
4	05/04/2018	POSTER PRESENTATION COMPETITION	Title was 'Innovations in Civil Engineering' -S2, S4 and S6 students participated.Four students were there in each team.Dr.Benny Joseph and Asst.Prof Fathima Thasneem were the judges.Cash Prizes were awarded.	5	Rs.3000/-	The program generated an enthusiasm among students to know about the latest developments.
5	23/11/2018	INTER DEPARTMENT SEMINAR COMPETITION	Title was 'Causes And After effects Of Kerala floods -2018'. There were 7 participants from different departments.Dr.Benny Joseph and Dr.Reena Sebastian were the judges.Cash Prizes were awarded.	7	rs.3000/-	The program made viewers remember the flood days and rethink about the causes.Mode presentation of the participants were highly appreciated.



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KMEA ENGINEERING COLLEGE, EDATHALA
ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT
TEP CELL ACTIVITIES UNDER EEE DEPARTMENT

SL.N O.	ACTIVITY- CONDUCTED	DATE	No. of PARTICIPANTS	RESOURCE PERSON	OVERALL EXPENDITURE	REMARKS
1	Two day workshop on electrical system design	16-02-2016 & 18-02-2016	46	Mr. Sajin Jose Manager – Trainings Sigmos India	Rs.2000	The program made the students aware of the design procedures used in industries.
2	One day workshop on electrical CAD	19-03-2016	40	Ms.Namitha Menon CAD expert	Rs.3000	The program was helpful for the students to study the basics of Auto CAD and Electrical CAD.
3	Counselling and Motivation Program	6-8-2016	38	Adv.P.A.Abdul Majeed Parakkadan	Rs.1000	The program was intended to motivate the students and to improve their confidence level.
4	Counselling and Motivation Program	20-8-2016	30	Adv.P.A.Abdul Majeed Parakkadan	Rs.1000	The program was intended to motivate the students and to improve their confidence level.
5	One day workshop on electrical CAD	03-09-2016	25	Mr. Tiju Baby AP, AISAT	Rs.3000	The program was helpful for the students to study the basics of Auto CAD and Electrical CAD.
6	Talk on time management and career opportunities	22-09-2016	75	Mr. Ajith N. Scientist, NPOL	Rs.5000	The program gave an overview of time management methods and career opportunities in the field of electrical engineering
7	Counselling and Motivation Program	11-08-2017	30	Adv.P.A.Abdul Majeed Parakkadan	Rs.1000	The program was intended to motivate the students and to improve their confidence level.



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EEE DEPT.

EXPENDITURE

1. Counselling and Motivation Program
6/8/16 — Rs. 1000/-
2. Counselling and Motivation Program
20/8/16 — Rs. 1000/-
3. One day workshop on Electrical CAD
19/3/2016 — Rs. 3000/-
4. One day workshop on Electrical CAD
3/9/2016 — Rs. 3000/-
5. Talk on time management and career opportunities
22/9/16 — Rs. 5000/-
6. Counselling and Motivation Program
11/8/17 — Rs. 1000/-
7. Two day workshop on Electrical system Design
16/2/16, 18/2/16 — Rs. 2000/-




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KMEA ENGINEERING COLLEGE
Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	16-02-2016 & 18-02-2016	Program Coordinators name and contact details:	MR. SAJIN JOSE Manager – Trainings SIGMOS INDIA 3rd Floor, City Point Bldg., Swami Chinmayananda Road, Jos Junction, Ernakulam. Pin - 682016. Web: www.sigmos.in
Name of Event: TWO DAY WORKSHOP ON ELECTRICAL SYSTEM DESIGN			
Organized by: SIGMOS INDIA			

1) Objective of the event

To give practical insight into the principles of Electrical system design and installations.

2) Write a brief overview of the following sessions in min 8 sentences each

- Inaugural Session with date, time and details of guests**

Inaugural session of the program commenced at 9.30am on 16/2/2016. The HOD and all the faculties of EEE department were present. The manager-trainings of SIGMOS INDIA, Mr. Sajin Jose and two supporting staff were present for presiding over the function.



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- Different Sessions with date, time and details of speakers/ chairs and the contents delivered or training conducted (write seperate paragraphs for each session)

16/2/16

Session- I:

Fundamentals of Electrical Design Engineering & Load Estimation of Plants

Session II:

Development of Single Line Diagrams & Control Schematics

18/2/16

Session III :

Introduction to Electrical Equipments Selection Sizing
Basic Introduction about Hazardous Area Classification.
Hands On Session on Electrical CAD

Session IV:

Demonstration of electrical substation at the college.

3) Consolidated feedback received from the participants

- Awareness on electrical system design of multistoreyed buildings and industrial installations.
- The content of the workshop was very much informative and helpful for future career.
- Hands on session helped to work on electrical cad
- Familiarization of the present scenario of electrical systems
- The sessions gave motivation to select an interesting career.

4) Conclusion and Outcome

The workshop helped the students to correlate the theory and the practical aspects of the electrical system.



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- 5) **Recommendations or Suggestions, if any, for future events**
It is better to include more practical sessions in similar workshops in future

Program Coordinators

Name: FEMY P.H, ABIDA C.A

Signature: FEMY P.H

TEP Cell Dept. Coordinators

1. Name : FEMY P.H

Signature: FEMY P.H

2. Name : ABIDA C.A
Signature:

HOD
Name : FAREEDA A.K
Signature : FAREEDA A.K

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TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	06-08-2016	Program Coordinators name and contact details:	Adv.P.A ABDUL MAJEED PARAKKADAN, SECRETARY KMEA
Name of Event: COUNSELLING AND MOTIVATION PROGRAM			
Organized by: TEP CELL, EEE DEPT			

1) Objective of the event

To identify the problems of students and to motivate them to build up a good career.

2) Write a brief overview of the following sessions in min 8 sentences each

• Inaugural Session with date, time and details of guests

Inaugural session of the program commenced at 9.30am on 06/8/2016. The HOD and all the faculties of EEE department were present. The HOD, EEE introduced the guest to the students.

• Different Sessions with date, time and details of speakers/ chairs and the contents delivered or training conducted (write separate paragraphs for each session)



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Session- I:

Inspirational talk about eminent personalities.

Session-II

Counselling.

Consolidated feedback received from the participants

- Gave motivation to change the students insight.
- The talk inspired the students to concentrate in their academics.

Conclusion and Outcome

The talk enabled the students to think about their future life in a different way.

Recommendations or Suggestions, if any, for future events

Individual counselling sessions may be included for selected students in future events.

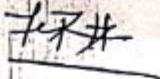
Program Coordinators

Name: FEMY P.H, ABIDA C.A

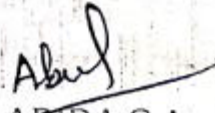
Signature: 

TEP Cell Dept. Coordinators

1. Name : FEMY P.H

Signature: 

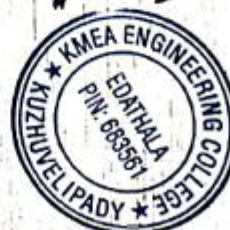
2. Name : ABIDA C.A

Signature: 

HOD

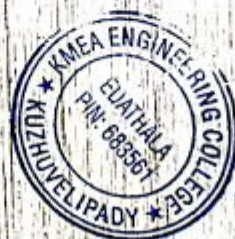
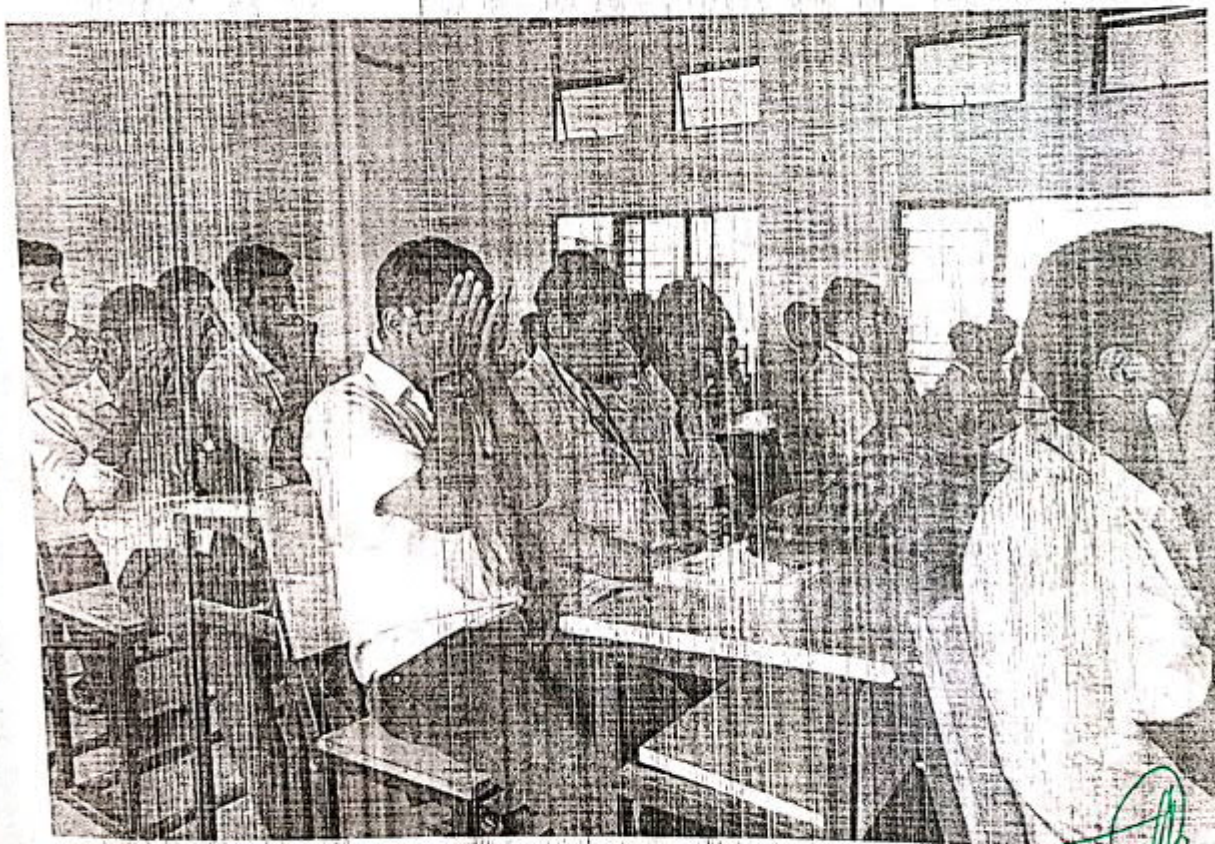
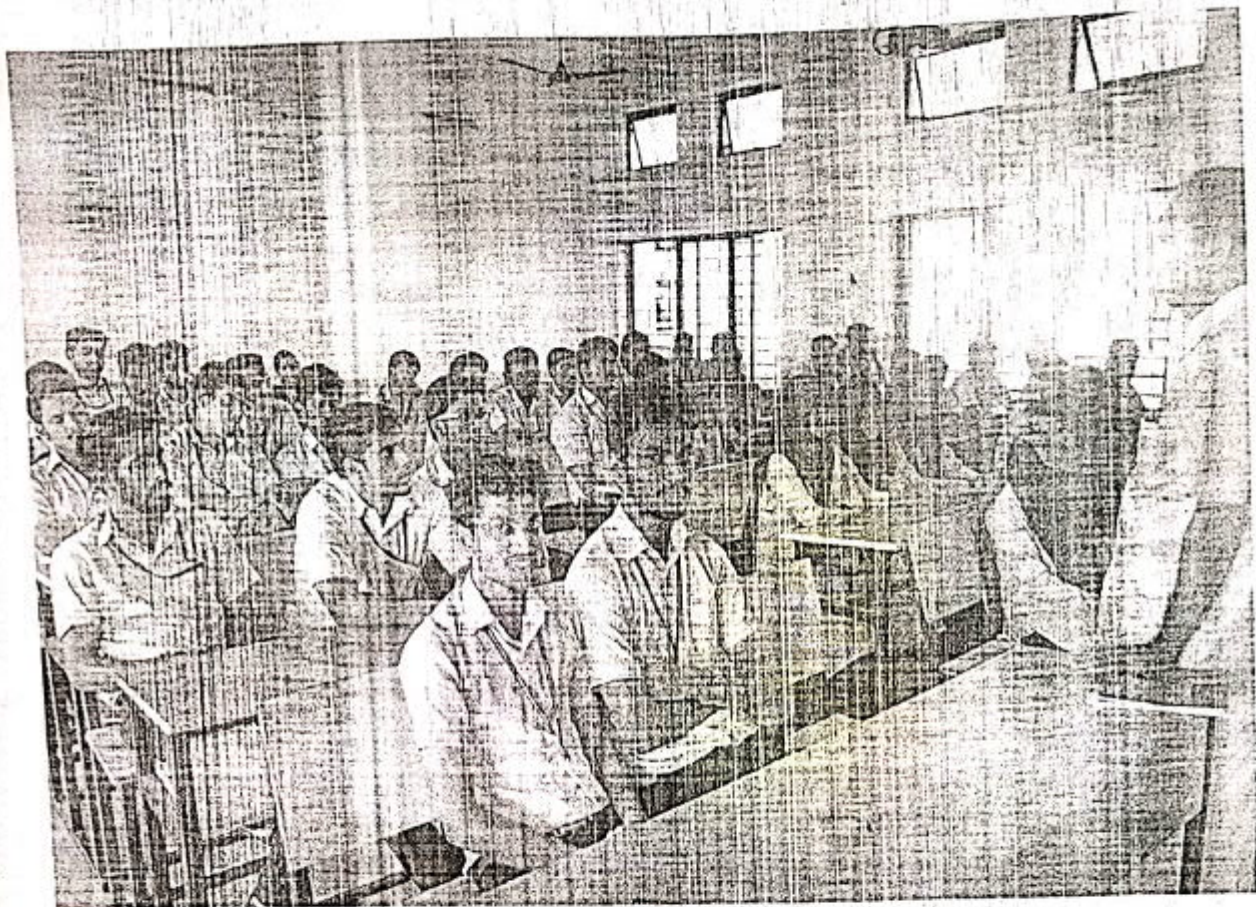
Name : Prof. REENA SEBASTIAN

Signature : 





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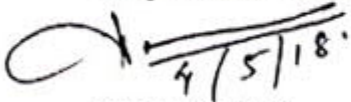
KMEA ENGINEERING COLLEGE								
DEPARTMENT OF MECHANICAL ENGINEERING								
QUALITY IMPROVEMENT PROGRAMME FOR FACULTY								
Sl.no.	Year	Date	Activity	Resource Person	No. of Members	Venue	Expenses (RS.)	Signature of the co-ordinator
1	2016	15/01/2016-14/02/2016	Workshop on CFD	Damon V James	30	CAD Lab Mechanical Block	144000	
2	2016	25/02/16	Seminar on safety practices in confined spaces	K S George	50	Conference Hall ,PSTA Block	5500	
3	2016	2/06/2016-23/02/2016	Workshop on Fire and safety concerns in educational institutions	Dr. Murah Thummanakudy, Dr. Remyth V R, Mr. Suresh Kumar	50	Conference Hall ,PSTA Block	30000	
4	2016	30/08/16	Intra college quiz competition- KURUKSHETRA		50	Conference Hall ,PSTA Block	1800	
5	2016	29/08/2016-02/09/2016-05/09/2016-09/09/2016	Introduction to open form CFD software	Harris P A, Vivek Harris	40	KMEA Engineering College	1500	
6	2016	02/09/16	A brief introduction to LaTeX	Vivek Harris	30	CAD Lab Mechanical Block	0	
7	2016	23/09/16	Talk on Numerical methods in Mechanical engineering	N Biju	35	conference Hall ,PSTA Block	4200	
8	2016	28/09/16	Workshop on engine assembly and trouble shooting in automobile system	P H Sadiq Ali	40	Work Shop, Mechanical Block	15000	
9	2016	28/09/16	Workshop on NDT and inspection	P J Varghese	125	Auditorium Mechanical Block-	10500	
10	2017	14/02/17	Talk on entrepreneurship					
11	2017	04/03/17	Workshop on Mechanical Electrical and plumbing design and drafting	Mr. Shyvas, Mr. Jithin	60	Class room D 302, ME block	11300	
12	2017	28/03/17	Workshop on NDT and inspection	P J Varghese	60	Class room D 302, ME block	13300	
13	2017	20/05/17	Workshop on Mechanical Electrical and plumbing design and drafting	Mr. Fahad C A	90	conference Hall ,PSTA Block	0	
14	2017	19/08/17	Scope and career in QA/QC	Mr. Shahr	100	Conference Hall ,PSTA Block		
15	2018	21/02/18	Seminar on industrial oriented mechanical softwares and its applications	CADD center	10	Class room C402, PSTA block	0	
16	2018	12/04/18	Interactive session on Career mapping skills in the areas of marine, oil and gas sector	Dinesh Gopinath	60	Class room C402, PSTA block	0	
17	2018	23/09/18	QA/QC and MEP workshop	Jeo Phillip	60	Conference Hall ,PSTA Block	0	
18	2018	16/11/18	Talk on importance of safety in current industrial scenario	Deyana	60	Conference Hall ,PSTA Block	0	
19	2019	31/03/19	Talk on introduction to macro machining	Basil Kuriachen	40	Conference Hall ,PSTA Block	0	
20	2019	21/02/19	Talk on Career opportunities in oil and gas industries	Mr. Faisal Farooq	60	class room C402, PSTA block	0	
21	2019	16/08/19	Technical talk on introduction to motor sports	Mr. Kiran Lal	81	conference Hall ,PSTA Block	2500	
22	2019	29/08/19	Technical talk on Dynamic changes and scope of automotive sector	Mr. Mayanak Arora	345	conference Hall ,PSTA Block	500	
23	2019	01/07/2019-03/07/2019	Faculty exchange programme from Murdoch university	Mr. Jack Cook		Conference Hall ,PSTA Block	9201	
24	2019	24/09/2019-1/10/2019-12/10/2019-14/10/2019	Designs and fabrication of Formula 5 racing cars	Mr. Sonu Choudary, Mr. Arbes, Mr. Chandrakanth	167	seminar hall, Cad lab, Mechanical Workshop, Machine tool lab	880,000	
25	2019	14/10/19	Expert talk on Recent trends, Career trends and employment opportunities in Mechanical engineering	Mr. Mohammed Fayaz	200	auditorium Mechanical Block-	1000	
26	2019	18/10/19	Expert talk on Formation of SAE chapter	Mr. Francis Augustin Joseph	50	Mnu Conference Hall ,PSTA Block	1500	
27	2019	25/10/19	Expert talk and technical workshop in MFP	Mr. Shashan P Vijayan	30	class room C402, PSTA block	0	



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NOTICE

Its hereby informed that releasing of brochure of Mechanical Department will be conducted on 7/5/18 at Vice Principals office. All faculties are requested to attend the same.


4/5/18.
HOD (ME)



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☆ Faris V.F.<fvf.me@kmeacollege.ac.in>

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Notice

This is to inform you that Mechanical department is conducting a Workshop on **Scope and Job opportunities in MEP for Mechanical Engineers & Maintenance of Split air conditioners** for Final year students on 25/10/2019 by Mr. Shayam P Vijayan, MEP Consultant, Conquest Infracon. All are requested to attend.



HOD



Principal

5

KMEA ENGINEERING COLLEGE
Ernakulam-683561

EVENT REPORT

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Bijesh Paul
Name of Organizing Agency/Institution	KMEA Engineering college

Field of Proposal: Expert talk and technical workshop

Title of Proposal: Expert talk on the scope and job opportunities in MEP for Mechanical Engineers. Technical workshop in maintenance of split air conditioners

Abstract:

Awareness on the future scope and job opportunities in MEP field (Mechanical Electrical Plumbing). Complete technical details were provided in the area of MEP with in-depth explanation about HVAC (Heat Ventilation & Air conditioning), plumbing, chill water piping & fire safety techniques. Hands-on training in split AC dismantling, maintenance and repair was provided.

Objective and level of activity: Understanding, career opportunities & application.

Project Impact:

Students received hands-on experience in MEP industries. They obtained proper guidance and the knowledge for dismantling, maintenance and repair of split air-conditioners. The workshop helped in improving the student's knowledge in MEP field and generated greater interest for them. The information on the scope and job opportunities would definitely help them in finding a passionate career in the field after their graduation.

Program Details:

Date	Time	Activity	Venue	Infrastructural Requirements & Availability	No. of Participants			
					Staff		Student	
					Int.	Ext.	Int.	Ext.
25/10/2019	2pm to 4pm	Expert talk & technical workshop in MEP	Final year classroom	Final year classroom	4	1	60	



Eminent Personalities expected to participate

Name	Designation	Organization	Activity
Mr. Shyam P Vijayan	MEP Consultant	CONQUEST INFRACON	Expert talk & technical workshop in MEP

Profile of Organizing/collaborating /Participating Industry or professional body or other organization if any:

Name	Address	Website	Contact Person, Designation, Email	Roles in collaborating/participating	Financial commitment in Rs.
CONQUEST INFRACON	SECOND FLOOR, MUTTATHOT TIL BUILDING, EDAPALLY TOLL, KOCHI	www.conquestinfracon.com	Mr. Shyam P Vijayan MEP Consultant 9496340021 contactus@conquestinfracon.com	MEP Training	0

Budget Estimates: NA

Head of Expenditure	Budget by Parent organization	External / Sponsorships	Total Expenditure
Remuneration to speakers			0
Stationery, Printing			0
Travel, Stay and DA			0
Others			0
Total			0



Details of Coordinators:

	Coordinator 1	Coordinator 2	Coordinator 3
Name	Sreejith T S	Sandeep K V	Muhammed Fasal
Exact Designation	Asst. Professor	Asst. Professor	Asst. Professor
Department	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering
Phone Number	9048461966	9447707598	9947904941
Email	srt.me@kmeacollege.ac.in	skv.me@kmeacollege.ac.in	mdf.me@kmeacollege.ac.in
Signature			


HOD




PRINCIPAL

Attachments:

1. Attendance of Participants
2. Photos of programme





Checked



Notice

This is to inform you that Mechanical department is conducting an Expert talk r on Formation of SAE chapter for students on 18/10/2019 by Mr. Francis Augustin Joseph, Member, SAE India Cochin Chapter. Interested students are requested to give their names to their respective Staff Advisors.


HOD
Principal

KMEA ENGINEERING COLLEGE
Ernakulam-683561

EVENT REPORT

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Bijesh Paul
Name of Organizing Agency/Institution	KMEA Engineering college

Field of Proposal: Expert talk, Professional body formation

Title of Proposal:

An expert talk on formation of SAE chapter

Abstract:

An expert talk on formation of SAE chapter was delivered by Francis Augustin Joseph, SAE INDIA, Cochin chapter. Proper guidelines on formation of SAE Collegiate club, opportunities for students in automotive sector and students project competitions at national and international level were discussed.

Objective and level of activity: Understanding, directional, motivational, encouragement.

Project Impact:

Students were made aware about the international professional body SAE and its membership benefits.

Program Details:

Date	Time	Activity	Venue	Infrastructural Requirements & Availability	No. of Participants			
					Staff		Student	
					Int.	Ext.	Int.	Ext.
18/10/2019	10.30am to 12.30pm	Expert talk	Mini conference hall	Mini conference hall, PSTA block	8	0	55	0



Eminent Personalities expected to participate

Name	Designation	Organization	Activity
Professor Francis Augustin Joseph	Assistant Professor & Cochin chapter head, SAE INDIA	Saintgits College of Engineering	Expert talk.

Profile of Organizing/collaborating /Participating Industry or professional body or other organization if any:

Name	Address	Website	Contact Person, Designation, Email	Roles in collaborating/participating	Financial commitment in Rs.
SAE India Cochin Chapter	Ernakulam, Kerala	www.saeindia.org	Professor Francis Augustin Joseph, Saintgits College of engineering	Expert talk	1500

Budget Estimates: NA

Head of Expenditure	Budget by Parent organization	External / Sponsorships	Total Expenditure
Remuneration to speakers			
Stationery, Printing			
Travel, Stay and DA			1500
Others			
Total			1500



Details of Coordinators:

	Coordinator 1	Coordinator 2	Coordinator 3
Name	Sandeep Kumar	Rajeesh R Pillai	Suriya S
Exact Designation	Asst. Professor	Asst. Professor	Asst. Professor
Department	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering
Phone Number	7994414712	8089558380	9207300025
Email	Skm.me@kmeacollege.ac.in	rrp.me@kmeacollege.ac.in	Srs.me@kmeacollege.ac.in
Signature			


HOD




PRINCIPAL

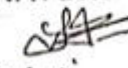
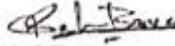
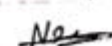


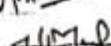

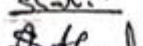





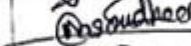
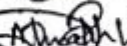





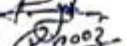





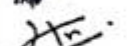


Attachments:

1. Attendance of Participants
2. Feedback
3. Photos of programme



ATTENDANCE REPORT

DATE	PROGRAMME	RESOURCE PERSON	AUDIENCE
18-10-19	An expert talk on SAE Chapter	Francis Augustine Professor SAINTJOHS college	ME Department Students


SL.NO	NAME OF STUDENT	CLASS	SIGNATURE
1	FARIZ MUHAMMED	S6 ME A	
2	SALMAN BAVA G	S1 ME	
3	Nooraj Macchu	S1 ME	
4	JOJO K.J	S1 ME	
5	Amanulla TB	S1 ME	
6	Hufsal M.N.	S1 ME	
7	Shahir sha	S1 ME	
8	Shreyas A	S1 ME	
9	NIFIN NIXAR	S1 ME	
10	Nackem K	S1 ME	
11	YASIN THOPPI YCHIVA	S1 ME	
12	Harshaq backer	S1 ME	
13	Muhammed Nasirultheer	S1 ME	
14	Muhammed Ameen K.N	S1 ME	
15	AFRAS AHAMED	S1 ME	
16	Muhammed Salil	S1 ME	
17	ABDUL MANAF	S1 ME	
18	Muhammed Shelan JOSEPH	S1 ME	
19	Nujoom Rahman.	S1 ME	
20	Farooz C.H	S1 ME	
21	Muhammed irshad em	S3 MEA	
22	Mah/Sarker Masad	S3 MEA	
23	Ashwin A.S	S3 MEA	
24	Manu Sarker Prasad R	S3 MEA	
25	Ajmal Siddique.k	S3 MCB	
26	Nevin K.S	S3 ME B	
27	GANEEN SWALIH	S3 MEB	
28	Stibina Tanron	S3 MEA	
29	Sakala P.S	S3 MEA	




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DATE	PROGRAMME	RESOURCE PERSON	AUDIENCE
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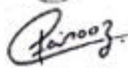





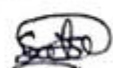
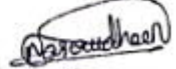


SL.NO	NAME OF STUDENT	CLASS	SIGNATURE
30.	Amal V ^{raj}	ME - A(S ₃)	<i>Amal</i>
31.	Umairul Fawoq	ME - A(S ₃)	<i>Umairul</i>
32	P.M Akhershah	SS MEB	<i>Akhershah</i>
33	Muhammed Sahad	"	<i>Muhammed</i>
34	Hafil	"	<i>Hafil</i>
35	PA Abdul Hafi's	"	<i>Abdul Hafi's</i>
36	Mishal Dic	"	<i>Mishal</i>
37	Alfas	"	
38	Aadhil	"	
39	Muhammed Badsha	"	
40	Fitsha	"	
41	Muhammed		

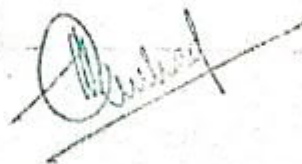




STUDENTS FEEDBACK

DATE	PROGRAMME	RESOURCE PERSON	AUDIENCE
18-10-19	An expert talk on SAE chapter	Francis Augustine Professor SAINTGITS College	ME Department students

SL.NO	NAME OF STUDENT	CLASS	REMARK	SIGNATURE
1	Nujoom Rahman	S, ME	Good.	
2	Fairooz. C. H	S, ME	Good	
3	Shaban Jorav	S, ME	Excellent	
4	Abdul Monaf	S, ME	Good	
5	Muhammed Salil	S, ME	Good	
6	AFRAS AHAMED	S, ME	Good	
7	Mohammed Ameen	S, ME	Excellent	
8	Salil	S, ME	Excellent	
9	Muhammed nasirudhaan	S, ME	Very good	
10	Harsha, haiker	S, ME	Good	
11	YASIN JUSPIL YEMIA	S, ME	Good	




STUDENTS FEEDBACK

DATE	PROGRAMME	RESOURCE PERSON	AUDIENCE

SL.NO	NAME OF STUDENT	CLASS	REMARK	SIGNATURE
1	Umarul Farooq	S ₃ A	Very Interesting.	
2	Ashwin AS	S ₃ A	very Interesting	<i>Ashwin</i>
3	Manusankar	S ₃ A		
4	Manu Sankar	S ₃ A	very interesting	<i>Manu</i>
5	Ishad	S ₃ A	interesting	
6	Manu Sankar Prasad	S ₃ A	very informative	<i>Manu</i>
7	Ajmal Siddique. k	S ₃ B	good	<i>Ajmal</i>
8	Nevin K.S	S ₃ B	Good & Interesting Section.	<i>Nevin</i>
9	Sahala. P.S	S ₃ A	Good	<i>Sahala</i>
10	Shibina Tanson	S ₃ A	Interesting	<i>Shibina</i>
11	Arul Vijay	S ₃ A	Fabulous interaction.	<i>Arul</i>

Arul



STUDENTS FEEDBACK

DATE	PROGRAMME	RESOURCE PERSON	AUDIENCE

SL.NO	NAME OF STUDENT	CLASS	REMARK	SIGNATURE
1	Mohamed Mishal P.K	SS-ME-B	Good interesting class informative	Signature
2	P.A ABDUL HAEIZ	SS, ME-B		Signature
3	Mohammed Badsha NA	SS-ME-B	Knowledge full class	Signature
4	Muhammed Alfais	SS ME-B	Informative and interesting	Signature
5	AKHAR ABDUL MAJEED	SS ME-B	Innovative and enlightening	Signature
6	Muhammed Fikha Ebrahim	SS ME-B	Informative class	Signature
7	MUHAMMED AHAD M.A	SS ME-B	informative	Signature



Notice

This is to inform you that Mechanical department is conducting a Seminar on **Recent trends, career guidance and employment opportunities in Mechanical Engineering** for students on 14/10/2019 by Mr. Mohammed Fayas, CEO, Sunsez Solar Pvt. Ltd. All are requested to attend.



HOD



Principal



KMEA ENGINEERING COLLEGE
Ernakulam-683561

EVENT REPORT

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Bijesh Paul
Name of Organizing Agency/Institution	KMEA Engineering college

Field of Proposal: Technical Talk & Valedictory function of internship

Title of Proposal:

Expert talk on Recent trends, career guidance and employment opportunities in Mechanical Engineering

Abstract:

An expert talk on recent trends, career guidance and employment opportunities in Mechanical Engineering was handled by Mr. Mohammed Fayas, CEO, Sunsez Solar Pvt. Ltd. A Memorandum of Understanding was also signed between Mechanical Engineering department, KMEA Engineering college and Susez solar pvt Ltd. The valedictory function of the 8 days internship workshop was also held along with this programme and the certificates of internship students were distributed.

Objective and level of activity: Understanding, directional, motivational, encouragement.

Project Impact:

Students were motivated by the expert talk handled by Mohammed Fayas. His experience sharing encouraged students and directed them to the path of entrepreneurship. It also gave much information regarding the recent trends in mechanical engineering. The CEO distributed the internship certificates to students.

Program Details:

Date	Time	Activity	Venue	Infrastructural Requirements & Availability	No. of Participants			
					Staff		Student	
					Int.	Ext.	Int.	Ext.
14/10/2019	2.30pm to 4.30pm	Expert talk	Auditorium	Auditorium	18	0	300	0



Eminent Personalities expected to participate

Name	Designation	Organization	Activity
Mohammed Fayas	CEO	Sunsez solar pvt ltd, Ernakulam, Kerala	Expert talk.

Profile of Organizing/collaborating /Participating Industry or professional body or other organization if any:

Name	Address	Website	Contact Person, Designation, Email	Roles in collaborating/participating	Financial commitment in Rs.
Sunsez solar, Kerala	Ernakulam, Kerala	www.sunsez.com	Mohammed Fayas, CEO	Expert talk	0

Budget Estimates: NA

Head of Expenditure	Budget by Parent organization	External / Sponsorships	Total Expenditure
Remuneration to speakers			
Stationery, Printing			
Travel, Stay and DA			
Others			1000 (Memento)
Total			1000



Details of Coordinators:

	Coordinator 1	Coordinator 2	Coordinator 3
Name	Rajeesh R Pillal	Mohammed Fasa	Haris.P A
Exact Designation	Asst. Professor	Asst. Professor	Asst. Professor
Department	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering
Phone Number	8089558380	9947904941	9846590543
Email	rrp.me@kmeacollege.ac.in	mdf.me@kmeacollege.ac.in	hpa.me@kmeacollege.ac.in
Signature			



HOD




PRINCIPAL

Attachments:

1. Attendance of Participants
2. Photos of programme



Notice

This is to inform you that Mechanical department is conducting an 8 day Internship Programme on **Gasoline & Electric Formula Car Design & Development** for students from 24/09/2019 to 01/10/2019 & 2/10/2019-14/10/2019 by Elite Techno Group. The course fee is 5500 per head. Interested students are requested to give their names and amount to their respective mentors on or before 20/09/2019.



HOD



Principal

KMEA ENGINEERING COLLEGE
Ernakulam-683561

EVENT REPORT

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Bijesh Paul
Name of Organizing Agency/Institution	KMEA Engineering college

Field of Proposal: 8 days internship programme on Gasoline & Electric formula race car design and development.

Title of Proposal:

Gasoline/Electric formula race car design and development.

Abstract:

Eight days internship training on Gasoline & Electric formula race car design and development was provided for two batches of students (160 students) of which 156 were from KMEA Engineering college, two students from College of Engineering Trivandrum & two students from Malabar Engineering College. The workshop provided ample hands-on experience for the students in design calculations, solid modeling in CAD software, grinding-cutting-drilling- welding-bending operations, final assembling of parts, paneling and also painting of the vehicle.

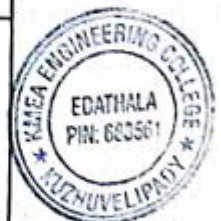
Objective and level of activity: Understanding, design & production, application.

Project Impact:

Students received real life experience on automobile industrial scenario. They obtained proper guidance and the knowledge for designing and fabricating a race car. They were also given a technical exposure on the various activities being conducted by international professional bodies around the globe. The workshop further helped in building team work, leadership skills, management skills, design development skills, project planning etc.

Program Details:

Date	Time	Activity	Venue	Infrastructural Requirements & Availability	No. of Participants			
					Staff		Student	
					Int.	Ext.	Int.	Ext.
24/9/2019 to 1/10/2019	8.30 am to 7.30pm	Design and fabrication of formula5 race car	Seminar Hall, CAD LAB, Mechanical Workshop, Machine tool lab	Seminar Hall, CAD LAB, Mechanical Workshop, Machine tool lab	3	4	156	4
2/10/2019 to 14/10/2019								



Eminent Personalities expected to participate

Name	Designation	Organization	Activity
Mr. Sonu Chaudhary Mr. Chandrakant Mr. Arbas	Technical Automotive training Engineers	Elite Techno group, Rajasthan	Internship programme on Gasoline & Electric formula5 race car design and development.

Profile of Organizing/collaborating /Participating Industry or professional body or other organization if any:

Name	Address	Website	Contact Person, Designation, Email	Roles in collaborating/participatin g	Financial commitmen t in Rs.
Elite techno group, Rajastha n	Rajastha n	www.elitetechnogroup.co m	Mr. Mayank Arora, Manager, info@elitetechnogroups.co m	Internship workshop	5500 per student

Budget Estimates: NA

Head of Expenditure	Budget by Parent organization	External / Sponsorships	Total Expenditure
Remuneration to speakers			
Stationery, Printing			
Travel, Stay and DA			
Others			5500 per student (160 Nos)
Total	8,80,000Rs collected from students		



Details of Coordinators:

	Coordinator 1	Coordinator 2	Coordinator 3
Name	Rajeesh R Pillal	Sandeep K V	Mohammed Yasar C A
Exact Designation	Asst. Professor	Asst. Professor	Asst. Professor
Department	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering
Phone Number	8089558380	9447707598	9846590543
Email	rrp.me@kmeacollege.ac.in	Skv.me@kmeacollege.ac.in	myr.me@kmeacollege.ac.in
Signature			


HOD


PRINCIPAL
Attachments:

1. Attendance of Participants
2. Photos of programme



Subha



Notice

This is to inform you that Mechanical department is conducting a Seminar on **Dynamic changes and scope of automotive sector** for Mechanical Engineering students on 29/08/2019 by Mr. Mayank Arora, Technical Expert, Elite Techno Group. Interested students are requested to attend.



HOD



Principal

KMEA ENGINEERING COLLEGE
Ernakulam-683561

EVENT REPORT

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Bijesh Paul
Name of Organizing Agency/Institution	KMEA Engineering college

Field of Proposal: Automobile - INTRODUCTION TO MOTORSPORTS

Title of Proposal:

Technical expert talk on Dynamic changes and scope of automotive sector.

Abstract:

Full day awareness programme consisting of 2 hour sessions each for seventh semester, fifth semester, third semester and first semester students, on current trends, platforms available and the expectations of Automotive Industry for them. The sessions threw light on the content, deliverables and benefits of the upcoming 8 day internship training programme. It also explained students practical implementation of academic knowledge, career guidance, scope of activities and there procedure.

Objective and level of activity: Awareness, Motivational, Seminar.

Project Impact:

Students were made aware about the extra-curricular activities that they could perform along with their academics. They were motivated and proper guidance was given in the field of automotive design and manufacture. They were also given ample information regarding the national and state level competitive events and funding agencies in motorsports. Details and benefits of memberships in professional associations like SAE, ASME were shared among students. The programme put forwarded an eight day internship training programme on automotive design and manufactures where the students will get guidance, training and hands on experience.

Program Details:

Date	Time	Activity	Venue	Infrastructural Requirements & Availability	No. of Participants			
					Staff		Student	
					Int.	Ext.	Int.	Ext.
29/8/19	9.30 am to 4.30pm	Technical talk on Dynamic changes and scope of automotive sector	Conference Hall, PST block	Seminar Hall	5		280	60

[Signature]



Eminent Personalities expected to participate

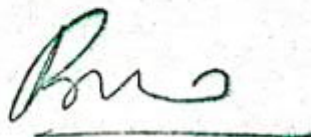
Name	Designation	Organization	Activity
Mr. Mayank Arora	Technical Expert	Elite-techno groups	Technical Talk on Dynamic changes and scope of automotive sector

Profile of Organizing/collaborating /Participating Industry or professional body or other organization if any:

Name	Address	Website	Contact Person, Designation, Email	Roles in collaborating/participating	Financial commitment in Rs.
Elite-Techno Group	Bangalore & Rajasthan		Mr. Mayank Arora Technical Expert elitetechnogroups@gmail.com	Technical talk & guidance	500 Rs

Budget Estimates: NA


Head of Expenditure	Budget by Parent organization	External / Sponsorships	Total Expenditure
Remuneration to speakers			
Stationery, Printing			
Travel, Stay and DA	500		500
Others			
Total			500




Details of Coordinators:

	Coordinator 1	Coordinator 2	Coordinator 3
Name	Rajeesh R Pillai	Mohammed Fasal	Haris P A
Exact Designation	Asst. Professor	Asst. Professor	Asst. Professor
Department	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering
Phone Number	8089558380	9947904941	9496462569
Email	rrp.me@kmeacollege.ac.in	mdf.me@kmeacollege.ac.in	hpa.me@kmeacollege.ac.in
Signature			

HOD

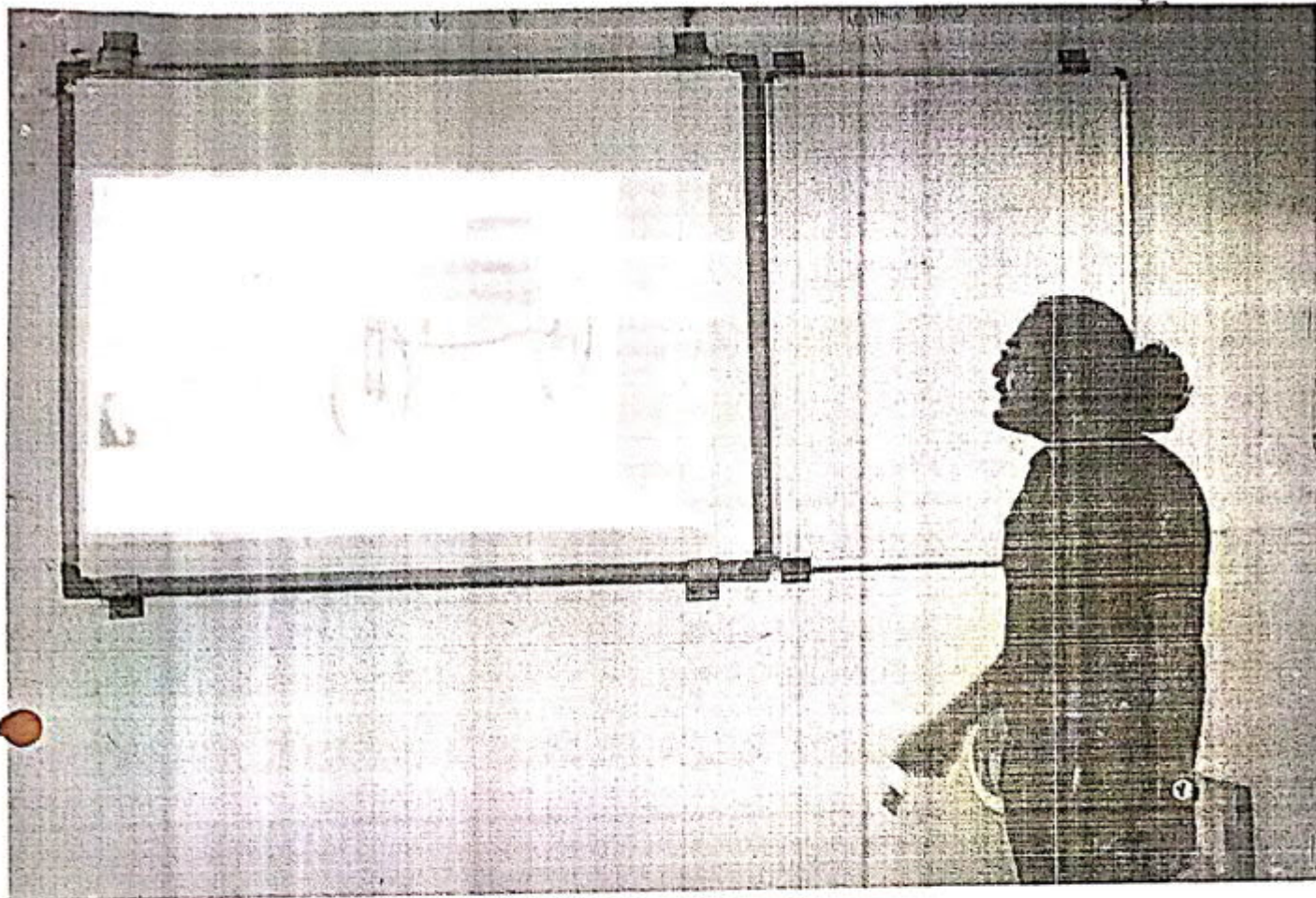


06/09/19



PRINCIPAL
Attachments:

1. Attendance of Participants
2. Feedback of Participants
3. Photos of programme



Handwritten signature in green ink.

37



Signature

KMEA ENGINEERING COLLEGE
Ernakulam-683561

EVENT REPORT

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Bijesh Paul
Name of Organizing Agency/Institution	KMEA Engineering college

Field of Proposal: Automobile – INTRODUCTION TO MOTORSPORTS

Title of Proposal:

Technical talk on Introduction to motorsports

Abstract:

Half day session on automotive design, manufacturing of sports vehicles and guidance for participating in student competitive events like SAE BAJA, Formula, Quad Bike, Go Kart etc

Objective and level of activity: Awareness, Motivational, Seminar.

Project Impact:

Students were made aware about the extra-curricular activities that they could perform along with their academics. They were motivated and proper guidance were given in the field of Automotive design and manufacture. They were also given ample information regarding the national and state level competitive events and funding agencies in motorsports. Details and benefits of memberships in professional associations like SAE, ASME were shared among students.

Program Details:

Date	Time	Activity	Venue	Infrastructural Requirements & Availability	No. of Participants			
					Staff		Student	
					Int.	Ext.	Int.	Ext.
19/8/19	9.30 am to 12.30pm	Technical Talk on INTRODUCTION TO MOTORSPORTS	Seminar Hall, 1 st year block	Seminar Hall	8		73	



[Handwritten signature]

Eminent Personalities expected to participate

Name	Designation	Organization	Activity
Mr. Kiranlal	Garage-incharge & Assistant Professor	Kumaraguru College of Technology, Coimbatore	Technical talk on INTRODUCTION TO MOTORSPORTS

Profile of Organizing/collaborating /Participating Industry or professional body or other organization if any:

Name	Address	Website	Contact Person, Designation, Email	Roles in collaborating/participating	Financial commitment in Rs.
KCT, Coimbatore	Coimbatore		Mr. Kiranlal Garage-incharge Assistant Professor KCT Coimbatore	Technical talk & guidance	2500Rs TA & DA

Budget Estimates: NA

Head of Expenditure	Budget by Parent organization	External / Sponsorships	Total Expenditure
Remuneration to speakers	2500		2500
Stationery, Printing			
Travel, Stay and DA			
Others			
Total			2500



Details of Coordinators:

	Coordinator 1	Coordinator 2	Coordinator 3
Name	Rajesh R Pillai	Mohammed Fasal	Haris P A
Exact Designation	Asst. Professor	Asst. Professor	Asst. Professor
Department	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering
Phone Number	80895 58380	9947904941	9496462569
Email	rrp.me@kmeacollege.ac.in	mdf.me@kmeacollege.ac.in	hpa.me@kmeacollege.ac.in
Signature			

HOD




 PRINCIPAL

Attachments:

1. Attendance of Participants
2. Feedback of Participants
3. Photos of programme

KMEA ENGINEERING COLLEGE

Kuzhivelipady, Edathala P.O, Kochi- 683561


COMMUNICATION FOR TEP CELL PROGRAMME

Department of Mechanical Engineering

It is decided to conduct an Invited Talk on the topic INTRODUCTION TO MOTORSPORTS by KIRANLAL (KCT Garage Incharge & Assistant Professor, Kumaraguru college of technology, Colmbatore) on 9th August 2019. All are requested to attend.

VENUE : CONFERENCE HALL , PSTA BLOCK




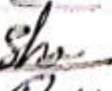


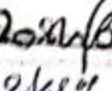
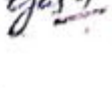


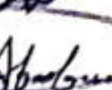

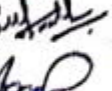

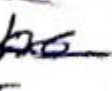
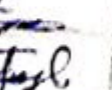
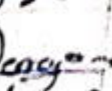
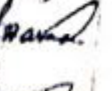
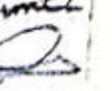


DATE: 9th AUGUST 2019


HOD 2/8/19.

→ Auditorium



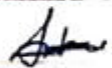

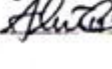


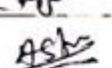
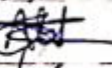


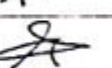




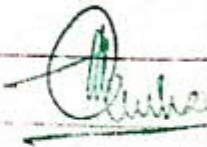

PRINC 2/8

DATE	PROGRAM	RESOURCE PERSON	REMARKS	SIGNATURE
1	Muhammed Sharif		very Innovative and Inspiring	
2	Mohamed Shantika		Inspiring & helpful	
3	Sabeesh Abdul Gafar		Excellent, Inspiring	
4	Muhammed Ishaq		Motivational, Informative	
5	Sharath		Motivational	
6	PRAJITH		Good & Motivating	
7	SHARAZ		Inspiring	
8	NADIM		Excellent	
9	Rashid P.A		Excellent work	
10	Yasar Arshad		Good one	
11				
12			MECH. A	
13				
14	Ajay		Good	
15	Abuobackar		Nice	
16	AKHIL Poulse		Good	
17	Ben Michael		Good	
18	Amal Madhu		Excellent	
19	K U Mcher		Excellent	
20	Kiran F Madhulal		Informative	
21	Fajiz		Good	
22	Joel		Barious	
23	Dheeraj		Marvellous	
24	Aravind		Good	
25	Saurav		Excellent	
26	EMMONVEI		Good	



FEEDBACK FORM

DATE	PROGRAM	RESOURCE PERSON	AUDIENCE

SL. NO	NAME	REMARKS	SIGNATURE
1	ABU	good	
2	AFsal	good	
3	Alwin	Marvellous	
4	XXXXXXXXXX		
5	Hijas	Not bad	
6	Gournd	Good	
7	Jegan k	Nice	
8	Aswin jeyan P	Good.	
9	F.A ABDUL HAFIZ	Good	
10	ASLAM P. K	Good	
11	Firsha	Good	
12	Irfan	Good	
13	Badsha	Nice	
14	Hafid	Good	
15	Alfas	Very Good	
16	faizal	good	
17	salman	good	
18	Shane	good	
19	Toson	good	
20	Shannad	good	
21	mujeeb	satisfaction	
22	Faris	good	
23	R. hah	good	
24	Rifah	good	
25	rajeez	good	
26	Hafiz	good	



FEEDBACK FORM

45

DATE	PROGRAM	RESOURCE PERSON	AUDIENCE
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SL. NO	NAME	REMARKS	SIGNATURE
1	ALTHAF K.R	good	
2	har.udyabannu	good	
3	Ashik Iss	Nice, I like the lecture	
4	Ashik subair		
5	Ashik Alby	good	
6	Jerom Alun	Not good	
7	Athul Prakash.H	good	
8	George Shajun	good	
9	Amal Johny-N.J.	Excellent class.	
10	Abhijith	Good	
11	AL MUHAMMA MUHAMMED	Good	
12	Anandhalekshnan	outstanding	
13	ADIL MUHAMMED	wow	
14	A.S NAHID	Good	
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FEEDBACK FORM

46

DATE	PROGRAM	RESOURCE PERSON	AGREENCE
1	NAME	REMARKS	SIGNATURE
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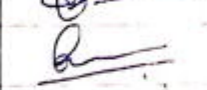

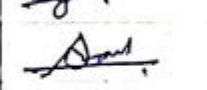
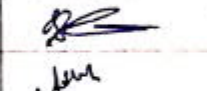
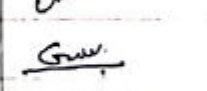
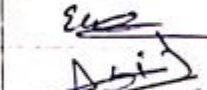
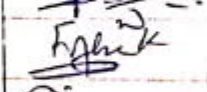
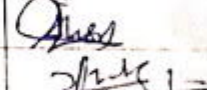


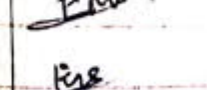
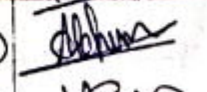
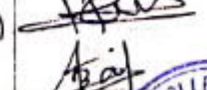


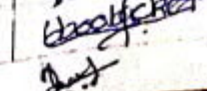


Signature



S7-MF-A.

ATTENDANCE REPORT

DATE	PROGRAM	RESOURCE PERSON	AUDIENCE
29/05/19	"DYNAMIC CHANGE & SCOPE OF AUTOMOTIVE SECTOR"	MR. MAYANK ARORA ELITE TECHNO GROUP	ME & EEE Students

SL. NO	NAME	CLASS	SIGNATURE
1	Shabeer TR	S7 MEA (34)	
2	Hafees Latif	S7 MEA (20)	
3	Amal Babu	S7 MEA (32)	
4	Arshad Ameen	" (11)	
5	JINU TOMS	" (23)	
6	FAHAD M.F	" (18)	
7	AIWIN ROY	" (31)	
8	Akhil Poulisic	" (7)	
9	Althash Salim N.S	" (8)	
10	Govind M	" (38)	
11	Eidho varghese	" 16	
12	Hasif Azhar	" (37)	
13	Fahad Ali	" (19)	
14	Ahsan. Iq	" 4	
15	ARTHAS. P.S	S7 MEA (3)	
16	HIJAS B.S.	S7 MEA (21)	
17	K.U. MEHAR	S7 MEA (25)	
18	EMMANUEL SABU	S7 MEA (17)	
19	KIREN.F. MADEKKAL	S7 MEA (28)	
20	Abhinav. A	S7 MEA (29)	
21	Harveesh. H	S7 MEA (33)	
22	AMAL MADHU	S7 MEA (9)	
23	Ajmal. KA	S7 MEA (2)	
24	Ajay krishna P.J	" (5)	
25	ASWIN KAR	S7 MEA (12)	
26	K.S ABOOBACKER SIDHGEQ	S7 MEA (27)	
27	Dhiraj Nayana KP	S7 ME-A (15)	



ATTENDANCE REPORT

DATE	PROGRAM	RESOURCE PERSON	AUDIENCE

SL. NO	NAME	CLASS	SIGNATURE
1	Amaly George	S7EEE	<i>Amaly</i>
2	Akshara Nath	S7,EEE	<i>Akshara Nath</i>
3	Shilpa K Sathesh	S7-EEE	<i>Shilpa</i>
4	Deva. K.S	S7-EEE	<i>Deva</i>
5	Shone Joseph Rodrigues	S7-EEE	<i>Shone</i>
6	MUHAMMED TESEEM K.M	S7 EEE	<i>Muhammed</i>
7	ALPHIN ROBERT	S7 EEE	<i>Alphin</i>
8	AMEER V.S	"	<i>Amee</i>
9	JOHN SEBASTIAN.	S7 EEE	<i>John</i>
10	HARFAZ P.N	S7 EEE	<i>Harfa</i>
11	Suryad.	S7 EEE	<i>Suryad</i>
12	Harshad.	S7 EEE	<i>Harshad</i>
13	Amal	S7 EEE	<i>Amal</i>
14	Jemsheer	S7 EEE	<i>Jemsheer</i>
15	Rameez	"	<i>Rameez</i>
16	Nabeel	"	<i>Nabeel</i>
17	Sabir	"	<i>Sabir</i>
18	Alan	"	<i>Alan</i>
19	Adhil	"	<i>Adhil</i>
20			
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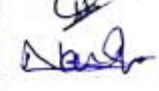


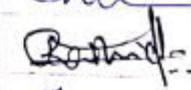
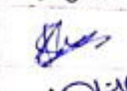
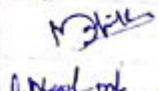
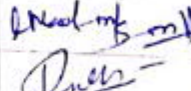




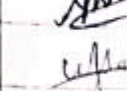
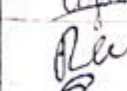

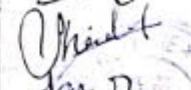






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ATTENDANCE REPORT




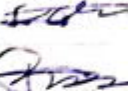
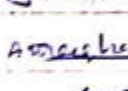

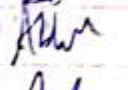
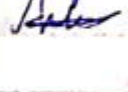
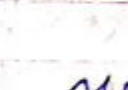
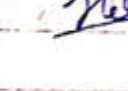
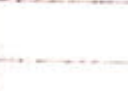




DATE	PROGRAM	RESOURCE PERSON	AUDIENCE

SL. NO	NAME	CLASS	SIGNATURE
1	SINU TOMS		
2	FAH		
3	SARATHI . M	ME-87-B (33)	
4	RUBAN JOB	" (16)	
5	LAIZ IRFAN	" (1)	
6	MIDHUN RAJ .	" (3)	
7	ADHIL K MUKUNDAN	(28)	
8	NASEEF - P	(32)	
9	VALEED ABDUL AZEEZ	(26)	
10	SHEBIN HAMZA	ME-57-B (20)	
11	Mohammed Rashid . P.A	" 8	
12	Mohamed Sharaz A.H	" 04	
13	Mahesh S kumar	" 02	
14	NADIM K.S	" 13	
15	PRASTHA K	" 15	
16	Muhammed Sharbaz	" 31	
17	Sijomon Thakappan	" 34	
18	Muhammed Isharal K	" 30	
19	MUHAMMED ASLAM K.S	" 9	
20	" Afsal	" 6	
21	Racey	" 7	
22	sanju saj Abraham	" 18	
23	shadi	" 11	
24	Kasry	" 35	
25	sujaq	" 22	
26	Muhammed Rishal V.S	" 10	







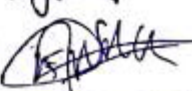



SS ME-A

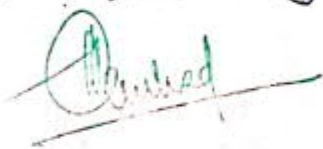
ATTENDANCE REPORT

DATE	PROGRAM	RESOURCE PERSON	AUDIENCE

SL. NO	NAME	CLASS	SIGNATURE
1	AZHAR ABDUL MAJEED	SS-ME-A	
2	Aasif Abdul Rasheed	SS ME-A	
3	Ameen Faruq M.S	SS ME-A	
4	DIVIN BABU	SS ME-A	
5	Jinadev T. Shaji	SS ME-A	
6	Jiyad K M	SS ME-A	
7	Ameer Shahid K K	SS ME-A	
8	Jeevan An	SS ME-A	
9	Anandhakrishnan M	SS ME-A	
10	Abhilesh P. A	SS ME-A	
11	Alan Varghese		
12	Akshai S		
13	Adil Muhammed		
14	Vari Krishnan		
15	Vari Udayabhanu		
16	Ashik K S		
17	Ashik George		
18	Nahid		
19	Ashik Subair		
20	Faiz		
21	Farshad		
22	Ashik Alby	SS ME-A	
23	Farhan		
24	Ameer Shahid		
25	Medham		
26	Alshuf		
27	Aashir J		



28 George Staryan	SS MEA	
29. AL MUHAMMA MUHAMMED	SS ME-A	
30. IJAS MS	SS ME A	
31. Athul prakash.K	SS ME A	
32. Ayush	SS MEA	
33. Abhijith	SS ME A	
34. ARUN	SS ME A	
35. AVINASH TOMY	SS MEA	
36 JOD JOHNSON	SS MEA	
37 Thanook .K P	"	
38 Midhun .P	"	
39 Adarsh - A	"	
40. Amal Johnny .W. J	"	



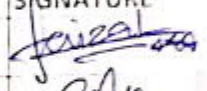
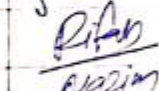
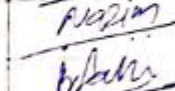
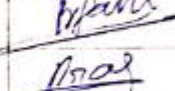


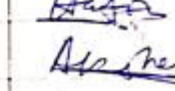
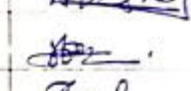



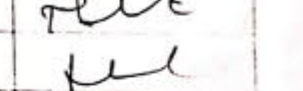

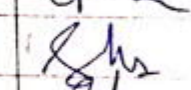


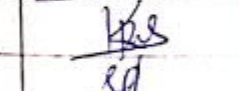


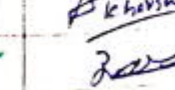
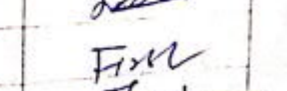
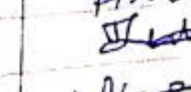
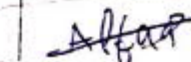





S5-ME-B

51

ATTENDANCE REPORT

DATE	PROGRAM	RESOURCE PERSON	AUDIENCE

SL. NO	NAME	CLASS	SIGNATURE
1	Muhammed Faizal	ME - B SS	
2	Muhammed Rifan K.K	ME - B SS	
3	Muhammed Nozlim	" SS	
4	Muhammed Irfan K	"	
5	PRASOON K	"	
6	Mohamed Mishaal P.K	ME - B SS	
7	Mohamed hafiz W.J	" "	
8	Akshay Kumar T	" "	
9	ASWIN JAYAN P	" "	
10	Shone Sebastian	" "	
11	Salman	" "	
12	Muhammed Samath Rahman	" "	
13	Mohammed Bayeer	" "	
14	Abdul Hafeez P.A	" "	
15	Premkumar D	" "	
16	Shamnad A.S	" "	
17	Shone Sebastian	" "	
18	Jose Thomas	" "	
19	Muhammed Shafeeq	ME - B SS	
20	Muhammed Shibun	ME - B SS	
21	Muhammed Aslam P.K	ME - B SS	
22	Akbersha P.M	"	
23	Badhusha	"	
24	Firsha	"	
25	Josef K.A	"	
26	Alfaaz	"	



27) Muhammed Asadhi | P.A

ME-B-SG

Asadhi

27) Rohan . P. Nair

"

Rohan

29) SOORAJ K.S

"

Sooraj

30) Muhammed Sahed M.A

"

Muhammed

Asadhi




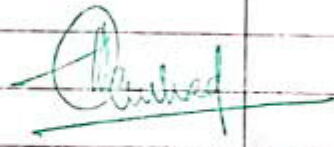


S5-ME-B

52

ATTENDANCE REPORT

DATE	PROGRAM	RESOURCE PERSON	AUDIENCE



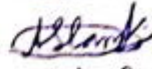




SL. NO	NAME	CLASS	SIGNATURE
1	MOHAMMED HAFIZ K.N	S5 ME-B	
2	Muhammed Favis. AR	S5 ME-B	
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SS-EEE

SS

ATTENDANCE REPORT

DATE	PROGRAM	RESOURCE PERSON	AUDIENCE
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SL. NO	NAME	CLASS	SIGNATURE
1	JEFPIW JAMES	EEE SS	
2	ANDL NAZEER	"	
3	Aslam Kabear	" "	
4	Shabna K.E	"	
5	Mubsiya V.A	"	
6	Aysha P.A	"	
7	Nourmy Fashama T.M	"	
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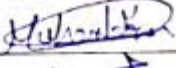

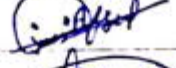
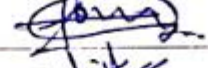
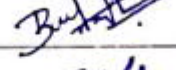
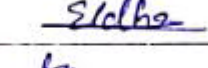





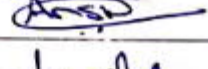

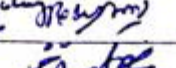
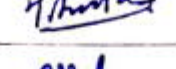


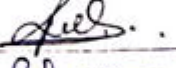



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ATTENDANCE REPORT

Date	Program	Resource Person	Audience
19/8/2019	Introduction to Motorsport	MR. KIRAN,	

Sl. No Date	Name	Class	Signature
1	MUHAMMED IRSHAD	S7 ME B	
2	MOHAMED FAJILVA	S7 ME A	
3	HIJAS B.S.	S7 ME A	
4	AFSAL K.A	S7 MEA	
5	JOEL JOSE	S7 MEA	
6	BEN MICHAEL	S7 ME - A	
7	ELDHO VARDHESE	S7 ME A	
8	AKHIL BOLOSSE	S7 ME A	
9	Muhammed shadiif	S7 ME B	
10	Badusha Bin Abdulla	S7 ME A	
11	Joseph Vinston paduva	S7 ME B	
12	Mohamed ALJUMA	S7 ME A	
13	Ansif Muhammed C.J.	S3 ME A	
14	Antony Arnold Bennet	S3 MEA	
15	Muhammed Nazim	S3 MEA	
16	Teny Antony	S3 ME B	
17	MANUSANKAR PRASAD.R	S3 MEA	
18	NIHAL.P. OMLAL	S3 ME B	
19	Rahul Antony Tom	S3 ME B	
20	SABREEN RAFEEL	S3 ME - B	



ATTENDANCE REPORT

Date	Program	Resource Person	Audience
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Date	Name	Class	Signature
21.	RAIZ ANTONY	S ₃ ME-A	<i>Raiz</i>
22.	Mohi Sankar Pasach R	S ₃ ME-A	<i>Mohi</i>
23.	AMAL JYOTHI	S ₃ ME-A	<i>Amal</i>
24.	Amal Vijay	S ₃ ME-A	<i>Amal</i>
25.	Umarul Fauoq	S ₃ ME-A	<i>Umarul</i>
26.	Ashwin. A.S	S ₃ ME-A	<i>Ashwin</i>
27.	Muhammed Salman	S ₃ ME-A	<i>Muhammed</i>
28. 9	George Staywon TJ	S ₅ ME-A	<i>George</i>
29. 23	Abdul Prakash K	S ₅ ME-A	<i>Abdul</i>
30. 9	Abel Abraham	S ₅ ME-A	<i>Abel</i>
31. 10	ALTHAF K.R	S ₅ ME-A	<i>Althaf</i>
32. 55	Jerom Alam	S ₅ ME-A	<i>Jerom</i>
33.	MUHAMMED IQBAL P.B	S ₃ - ME - D	<i>Muhammed</i>
34.	Ajmal Siddique. K	S ₃ - ME - B	<i>Ajmal</i>
35.	Mohamed Mishaal. P.K	S ₅ - ME - B	<i>Mohamed</i>
36.	F.A. ABDUL HAFIZ.	S ₅ - ME - B	<i>F.A. Abdul</i>
37.	Amanulla TB	S ₁ - ME - A	<i>Amanulla</i>
38.	Shahin chelluigel	S ₁ - ME - A	<i>Shahin</i>
39. 15	Anandu. A.T	S ₅ - ME - A	<i>Anandu</i>
40. 13	Ameershad K. K	S ₅ - ME - A	<i>Ameershad</i>



ATTENDANCE REPORT

Date	Program	Resource Person	Audience

Sl no: Date	Name	Class	Signature
41	Mohammed Ibrahim K.A	S5 ME-B	Mub
42	Mohammed Sahad M.A	S5 ME-B	M.Sahad
43	Muhammed Alfas . S	S5 ME-B	Md Alfas
44 44	MOHAMMED HAFIL K.N.	S5 ME-B	Md Hafil
45	Muhammed Faris. AR	S5 ME-B	Md Faris
46	A.S NAHID	S5 ME-A	Nahid
47	Mohammed Badsha N.A	S5 ME-B	Badsha
48	Muhammed Firosha Ebrahim	S5 ME-B	Firosha
49	P.M AKBERSHA	S5 ME-B	Akbarshe
50	Muhammed Aadil P.A	S5 ME-B	Aadil
51	Mohammed Nazim K.N	S5 ME-B	Nazim
52	Muhammed Akram P.K	S5 ME-B	Akram
53	Mohammed Rayjeer	S5 ME-B	Rayjeer
54	Muhammed Rifan K.K	S5 ME-B	Rifan
55	MOHAMED HAFIZ V.J	S5 ME-B	Hafiz
56	Shore Sebastian	S5 ME-B	Shore
57	SHAMNAD .A.S	S5 ME-B	Shamnad
58	Premkumar. D	S5 ME-B	Premkumar
59	Aswin. S	S5 ME-B	Aswin
60	AKSHAY KUMAR.T	S5 ME-B	Akshay


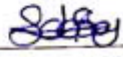


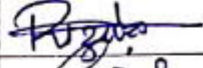

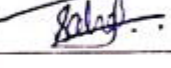
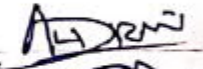

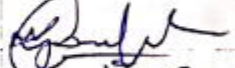

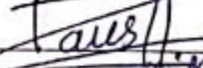
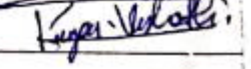



(Signature)

ATTENDANCE REPORT

59

Date	Program	Resource Person	Audience

Date	Name	Class	Signature
61	ASWIN PJ	ME-SSB	
62	SOORAJ K.S	ME-SSB	
63	PRADEEN K	ME-SSB	
64	Althaf Abdul kalam	ME-S3A	
65	Rizwan Nazar P.N	ME-S3A	
66	Muhammed Sahal M.	ME-S3A	
67	Sahal SAJID TP	ME-S3A	
68	Adhithan Raphael Prince	ME-S3A	
69	K.M MOHAMMED IMROSH	ME-S3A	
70	Yasin Mehmood. M.	ME-S3A	
71	Muhammed Midkaf K.B	ME-S3A	
72	MUHAMMED RAEES P.Y	ME-S3B	
73	VISHAKH P.R	ME-S3B	
			



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KMEA ENGINEERING COLLEGE
Ernakulam-683561

EVENT REPORT

Name of the Department	MECHANICAL ENGINEERING AND CIVIL ENGINEERING
Name of the Head of the Department	Dr. Bijesh Paul (ME) Prof Sunitha Rani C.M (CE),
Name of Organizing Agency/Institution	KMEA Engineering College

Field of Proposal:

Cognitive development

Title of Proposal:

Australian Murdoch University visit in KMEA through International Knowledge Exchange Programme

Abstract:

Australian students from Murdoch University visited the KMEA campus as part of their New Colombo Plan. The visit lasted for three days, starting from 1st of July to 3rd July 2019 on which they underwent newfangled experiments training in KMEA's Environmental Research Laboratory, field visit & testing of water bodies in nearby rural areas. The KMEA engineering students of Mechanical and Civil engineering departments showcased their innovative and award winning projects to the foreign disciples. The Australian students with the guidance of KMEA faculty and research team investigated the detailed operation of Water treatment plant (100MLD) under Kerala Water Authority at Nettoor.

Objective and level of activity:

Exchange Programme, Seminar, Training, Workshop



Project Impact: Knowledge and culture exchange between Australian Murdoch students and KMEA Engineering students

Program Details:

Date	Time	Activity	Venue	Infrastructural Requirements & Availability	No. of Participants			
					Staff		Student	
					Int.	Ext.	Int.	Ext.
July 1- July 3	3 days	IKEP	KMEA	Environmental Engineering lab, Conference hall, Board room	8		7	4

Eminent Personalities expected to participate

Name	Designation	Organization	Activity
MslvanaTucakovic	Student	Murdoch University, Australia	International Knowledge Exchange Programme
Miss Irina Sankoff	Student		
Miss Hayley Butler	Student		
Mr Jack Cook	Student		

Profile of Organizing/collaborating /Participating Industry or professional body or other organization if any:

Name	Address	Website	Contact Person, Designation, Email	Roles in collaborating/participating	Financial commitment in Rs.
Murdoch University	Perth Campus, 90 South Street, Murdoch, Western Australia		launchpad@murdoch.edu.au	IKEP	NIL

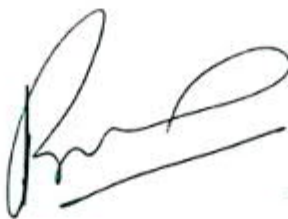
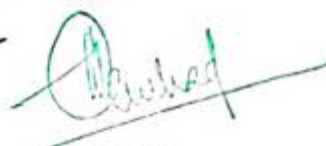


Budget Estimates:

Head of Expenditure	Budget by Parent organization	External / Sponsorships	Total Expenditure
Remuneration to speakers	NIL	-	NIL
Stationery, Printing	8330	-	8330
Travel, Stay and DA	871	-	871
Others	NIL	-	NIL
Total- Rs. 9201			

Details of Coordinators:

	Coordinator 1	Coordinator 2
Name	Rajeesh R Pillai	FaznaNazim
Exact Designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Civil Engineering
Phone Number	8089558380	9544119894
Email	rrp.me@kmeacollege.ac.in	fzn.ce@kmeacollege.ac.in
Signature		

Number of photos attached with file names: 8 photos**HOD****PRINCIPAL****DIRECTOR****Attached:**

1. Attached attendance of Participants
2. Photos





ഓസ്ട്രേലിയൻ വിദ്യാർത്ഥിസംഘം കെ.എം.ഇ.എ.യിൽ

ആലുവ പരിസ്ഥിതി ഗവേഷണത്തിനായി ഓസ്ട്രേലിയയിൽ നിന്നുള്ള വിദ്യാർത്ഥി ഗവേഷണ സംഘം എടത്തല കെ.എം.ഇ.എ. എൻജിനീയറിങ് കോളേജിലെത്തി. ഇൻറർനാഷണൽ നോളസ് എക്സ്ചേഞ്ച് പരിപാടിയുടെ ഭാഗമായാണ് ഓസ്ട്രേലിയയിലെ മർഡോക്ക് സർവകലാശാലയിലെ നാല് എൻവയോൺമെന്റൽ എൻജിനീയറിങ് വിദ്യാർത്ഥികൾ എടത്തലയിലെത്തിയത്.

പഞ്ചായത്തംഗം ലളിത ഗോപിനാഥിന്റെ നേതൃത്വത്തിൽ എടത്തല പഞ്ചായത്തിലെ വിവിധ ജലസ്രോതസ്സുകളിൽ നിന്നുള്ള സാമ്പിളുകൾ പരിശോധിച്ചു.

കെ.എം.ഇ.എ.യിലെ അവസാന വർഷ വിദ്യാർത്ഥികൾ അവതരിപ്പിച്ച മലിനജല സംസ്കരണത്തെക്കുറിച്ചുള്ള പ്രോജക്ട് സംഘം പരിശോധിച്ചു. മെക്കാനിക്കൽ വിദ്യാർത്ഥി



ഓസ്ട്രേലിയയിലെ മർഡോക്ക് സർവകലാശാലയിലെ വിദ്യാർത്ഥികൾ എടത്തല കെ.എം.ഇ.എ. എൻജിനീയറിങ് കോളേജുമായി സഹകരിച്ച് പരിശോധനയ്ക്കായി ജലം ശേഖരിക്കുന്നു.

കൾ വികസിപ്പിച്ചെടുത്ത പ്രളയ കാലത്തേക്കു തക്കുന്ന എക്സിക്യൂട്ടീവ് എന്ന വിവിധ ദേശ രക്ഷാവാഹനത്തെക്കുറിച്ചും ചർച്ചകൾ നടന്നു.

കോളേജ് നടത്തുന്ന പരിസ്ഥിതി പ്രവർത്തനങ്ങൾ കെ.എം.ഇ.എ. ഡയറക്ടർ ഡോ. ടി.എം. അമർനിഷാദുമായി ചർച്ചചെയ്തു.





എന്നതുകൊണ്ട് എല്ലാവിധത്തിലും കോളിഫോമിനെ സഹായിക്കുന്ന വിദ്യാഭ്യാസികൾക്കായി സർക്കാർ വിദ്യാഭ്യാസ സൗകര്യം നിർമ്മിക്കുന്നു.

മലിനജല സംസ്കരണ വിദ്യയ്ക്ക് ഓസ്ട്രേലിയൻ വിദ്യാർത്ഥികളുടെ പ്രശംസ

എടത്തലം കെഎഇഎ എർലിനിനറിൻ കോളജ് ക്യാമ്പസിൽ ബിടെക് അവസാന വർഷ വിദ്യാർത്ഥികൾ ചോദ്യക്കുതിരും ബന്ധോ നിരോധനം ഉപയോഗിച്ചു നടപ്പാക്കിയ മലിന ജലസംസ്കരണവിദ്യർക്ക് സാമ്പ്രദേശീയർ വിദ്യാർത്ഥികളുടെ പരാധ

മർദ്ദം സർവ്വകലാശാലയിലെ എൻ.വ. യൂണിവേഴ്സിറ്റി എൻജിനീയറിങ് വിദ്യാർത്ഥികളായ രഹ്മാലി ബർലർ, ഖാർ കൂട് എന്നീ സ. കോ.എ. ഇവർക്കു കൂടാതെ എൻ.വ.യുടെ 'നോളബിൾ എക്സ്പ്രസ്സ്' പരിപാടിയിലൂടെ

ഗമായി ക്യാപസ് സന്നദ്ധിപ്പിച്ച്

മക്കോനിക്കൽ വിഭാഗം. വിദ്യാർത്ഥികളുടെ കണ്ടുപിടിത്തമാണ് പ്രളയകാലത്ത് ഉപയോഗിക്കാവുന്ന 'എക്സ്ട്രിക്ടർ' എന്ന ചർമ്മി പട്ടിപ്പുറം റെസ്കൂ വെഹിക്കിളിന്റെ പ്രവർത്തന രീതിയും വിദേശ വിദ്യാർത്ഥികളെ ആകർഷിച്ചു.

പഞ്ചായത്തിലെ ഭവനസൗകര്യങ്ങളിൽ നിന്നു സാഹിൾ ശേഷിച്ച് ഇവർ പാത റിപ്പോർട്ട് തയ്യാറാക്കിയതായി കെ.എ.എ.എ. ഡയറക്ടർ ഡോ. ടി.എം. അമർനിഷാദ് പറഞ്ഞു.




Notice

This is to inform you that Mechanical department is conducting a Seminar on **Introduction to Micromachining** for Final year Mechanical Engineering students on 31/01/2019 by Dr. Basil Kuriachan Assistant Professor NIT Mizoram . All Final year students are requested to attend the seminar.



HOD


Principal

KMEA ENGINEERING COLLEGE**Ernakulam-683561****EVENT REPORT**

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Bijesh Paul
Name of Organizing Agency/Institution	Kmea Engineering College, Edathala

Field of Proposal: Innovation**Title of Proposal:** Introduction to Micromachining

Abstract: A micro- system is an intelligent miniaturized system comprising sensing, processing and/or actuating functions. Micro engineering refers to the technologies and practice of making three dimensional structures and devices with dimensions in the order of micrometers. Micromachining is the basic technology used for the production of miniaturized parts and components. Micromachining resulted in the fabrication of a broad class of devices whose defining characteristics were micrometer-scale feature size and electromechanical functionality, and these systems are collectively called as MEMS.

Objective and level of activity: Seminar

Project Impact: The seminar aims to give a deep understanding of the different micromachining technologies presently available and there application in product manufacturing. The seminar is indented to give an idea about some of the technologies like EDM, ECM, Laser Beam, Ultrasonic machining.

Program Details:

Date	Time	Activity	Venue	Infrastructural Requirements & Availability	No. of Participants			
					Staff		Student	
					Int.	Ext.	Int.	Ext.
31/01/2019	9.30 am	Talk on Introduction to Micromachining	Conference Hall , PSTA, Kmea Engg College	Sound System, Projector.	5	0	40	0

Eminent Personalities expected to participate

Name	Designation	Organization	Activity
Dr : Basil kuriachen	Assistant Professor	NIT Mizoram	Invited Talk

Budget Estimates:

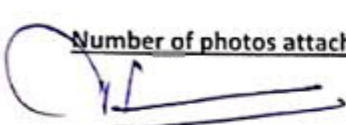
Head of Expenditure	Budget by Parent organization	External / Sponsorships	Total Expenditure
Travel, Stay and DA		Rs. 600	Rs. 600
			Total: Rs. 600



Details of Coordinators:

	Coordinator 1	Coordinator 2
Name	Prof. Muhammed Fazal	Prof. Haris P A
Exact Designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Phone Number	9947904941	9496462569
Email	mdf.me@kmeacollege.ac.in	hpa.me@kmeacollege.ac.in
Signature		

Number of photos attached with file names: 3



HOD



PRINCIPAL



DIRECTOR

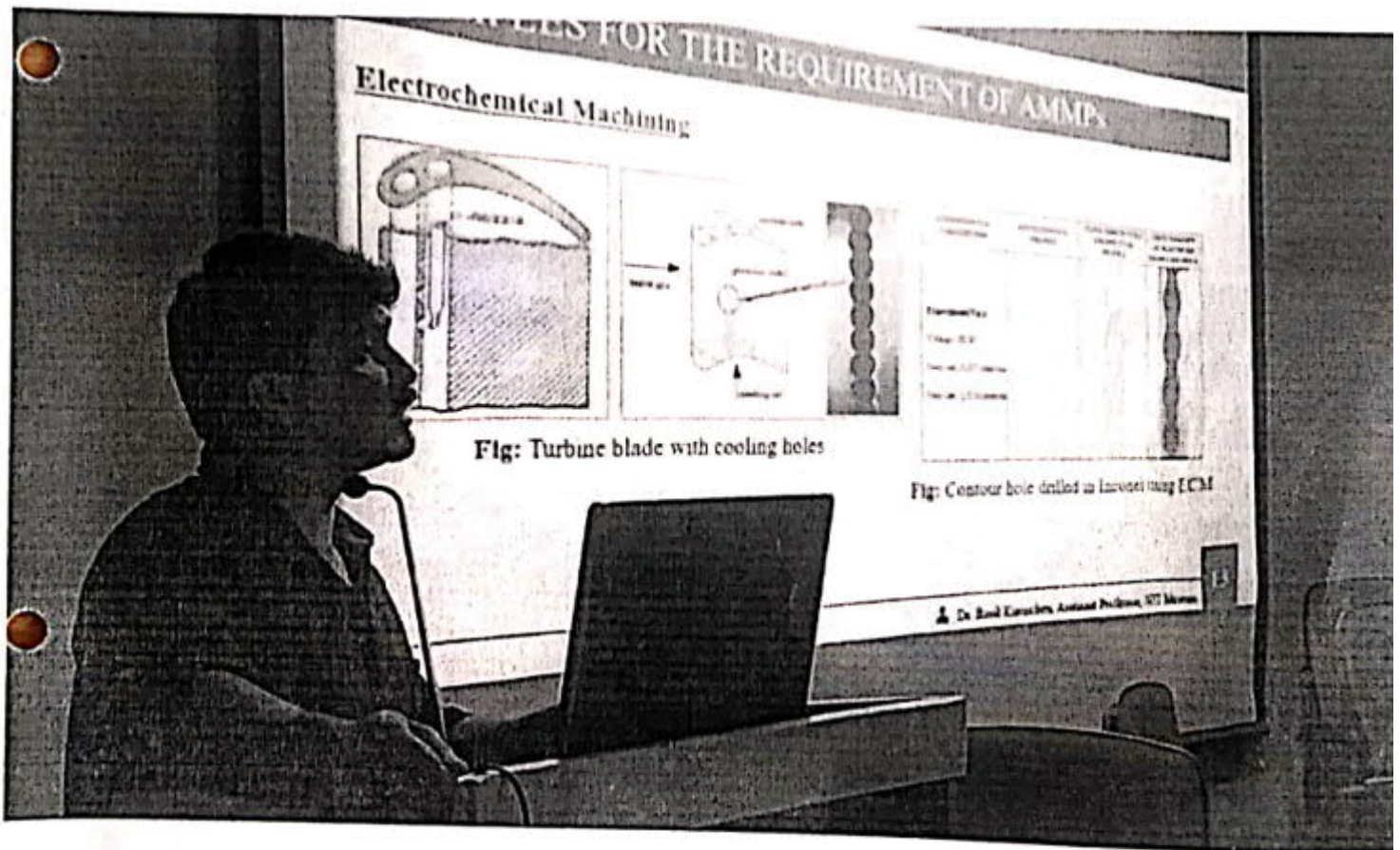
Note: Attendance of Participants attached





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Abhishek





Quibed



PARTICIPANTS LIST

Sl.No.	Name	Staff	Student	Dept.	Signature
1.	Ismail Fasil				
2.	Amal Joseph		✓		
3.	Ashith K.V				
4.	Asjid A				
5.	Binoy Mathew VM				
6.	Amal Rask				
7.	ASIEF M.M				
8.	AKSHAY KK				
9.	Eldher Baby		✓		
10.	Pije Jacob				
11.	Achil T.C				
12.	Amal C. George		✓		
13.	Ashiq K.N		✓		
14.	Ananthakrishnan C.J		✓		
15.	Ameer Suhail T.R		✓		
16.	Abin K		✓		
17.	Binoy C.J		✓		
18.	Ej		✓		
19.	Alan Sunny		✓		
20.	Kabha				
21.	Ajmal K.B		✓		
22.	Asif Azeem		✓		
23.	Ahmed P		✓		
24.	Udayanath S.S		✓	ME	
25.	SAGAR T.M		✓	ME	
26.	FAYAZ		✓	ME	
27.	NINAD A.O		✓	ME	
28.	SANJEEV K.T		✓	ME	
29.	SUHAIL M		✓	ME	
30.	SAGAR O.S		✓	ME	
31.	Shazeeb A.F		✓	ME	
32.	Muneeb Mohamed		✓	ME	
33.	AKIE C.H		✓	ME	
34.	ROSHAN JOS		✓	ME	
35.	AFSAL		✓	ME	
36.	SHIMAZ		✓	ME	
37.	SALMAN S.B		✓	ME	
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KMEA ENGINEERING COLLEGE

Kuzhivelipady, Edathala P.O, Kochi-683561


COMMUNICATION FOR TEP CELL PROGRAMME

Department of mechanical engineering

It is decided to conduct a Talk on "Carrier opportunities in Oil and Gas Industries" by IVON academy for final year students on 21/02/2019. All are requested to attend.

Venue : CONFERENCE HALL, PSTA HALL

Time: 2.30 pm


HOD




PRINCIPAL

KMEA ENGINEERING COLLEGE
Ernakulam-683561

EVENT REPORT

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Bijesh Paul
Name of Organizing Agency/Institution	Kmea Engineering College, Edathala

Field of Proposal: Career Guidance

Title of Proposal: Talk on Career opportunities in Oil and Gas industries.

Abstract: The Talk aims at enabling students with the knowledge of typical Oil and Gas Construction process and the HSE involved along all the process. This talk is conducted and handled by personnel with rich industrial experience in the Oil and Gas sector for various MNCs in India and GCC. This talk briefly explains the Importance and role of mechanical engineers in oil and gas industries.

Objective and level of activity: Seminar

Project Impact: The seminar aims to give a deep understanding of the different carrier opportunities in oil and gas field such as Welding and Related Works, Piping and Pipelines, Surface Preparation and Coating, Tank Construction, Structural Steel Works, Equipment Installation, E&I Installation, and NDT.

Program Details:

Date	Time	Activity	Venue	Infrastructural Requirements & Availability	No. of Participants			
					Staff		Student	
					Int.	Ext.	Int.	Ext.
21/02/2019	2.30 pm	Talk on Carrier opportunities in Oil and Gas industries.	Class room C – 402, PSTA BLOCK	Sound System	5	0	70	0

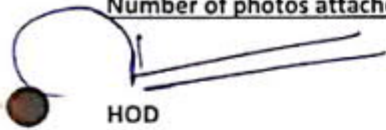
Eminent Personalities expected to participate

Name	Designation	Organization	Activity
Mr. Faisal Farook	Faculty	IVION academy	Talk

Details of Coordinators:

	Coordinator 1	Coordinator 2
Name	Prof. Muhammed Fazal	Prof. Haris P A
Exact Designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Phone Number	9947904941	9496462569
Email	mdf.me@kmeacollege.ac.in	hpa.me@kmeacollege.ac.in
Signature		

Number of photos attached with file names: 6



HOD



PRINCIPAL



DIRECTOR

Note: Attendance of Participants attached

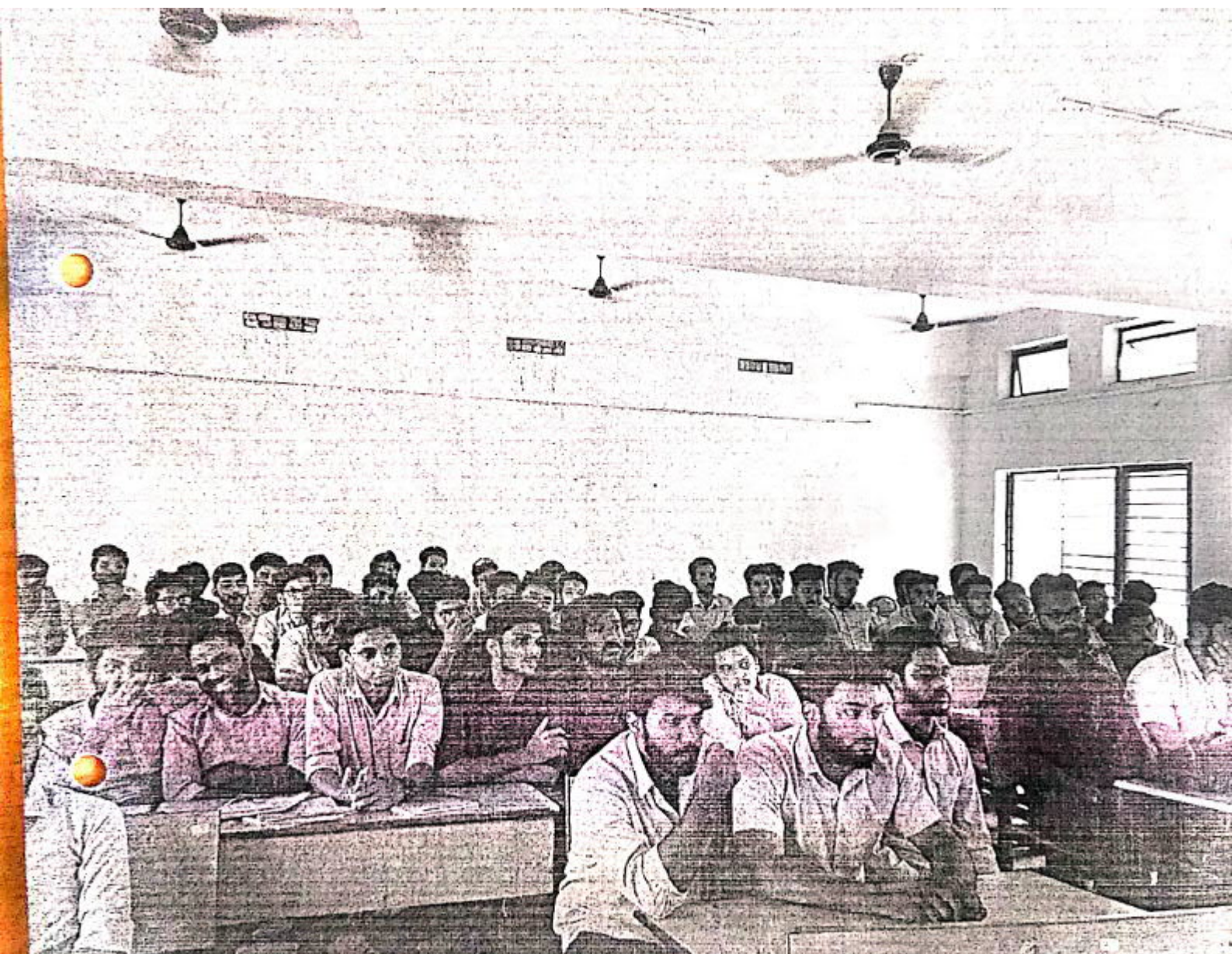


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PARTICIPANTS LIST

Sl.No.	Name	Staff	Student	Dept.	Signature
1.	MOHAMMED SAYADH		✓	MECH	[Signature]
2.	SHARDOQ N.E		✓	MECH	[Signature]
3.	SACRADO K. JAMAL		✓	MECH	[Signature]
4.	MANU THAMPI		✓	ME	[Signature]
5.	NIRADAO		✓	ME	[Signature]
6.	FAYAZ M.R		✓	ME	[Signature]
7.	SHVAM KUMAR		✓	ME	[Signature]
8.	SANSHAN S.		✓	ME	[Signature]
9.	SUHAIL M		✓	ME	[Signature]
10.	SANDEEP K.S		✓	ME	[Signature]
11.	Abhishek		✓	ME	[Signature]
12.	Suraj P.S		✓	ME	[Signature]
13.	Muhammed Afsal		✓	ME	[Signature]
14.	SAHEER K.I		✓	ME	[Signature]
15.	Muhammed Fathima		✓	ME	[Signature]
16.	YADHUKRISHNAN A.R		✓	ME	[Signature]
17.	Muhammed Shiyaz		✓	ME	[Signature]
18.	Manjmathi S.S		✓	ME	[Signature]
19.	SAGAR D.S		✓	ME	[Signature]
20.	MURZIN P.R		✓	ME	[Signature]
21.	KAMIL NAGEEF KA		✓	ME	[Signature]
22.	ASHAN JOSE KA		✓	ME	[Signature]
23.	NAFEEH PK.		✓	ME	[Signature]
24.	SHAWN SIMON		✓	ME	[Signature]
25.	Naveen Verghese		✓	ME	[Signature]
26.	Nichin N		✓	ME	[Signature]
27.	Amal Joseph		✓	ME	[Signature]
28.	Ismail Faris		✓	ME	[Signature]
29.	Ashith K.V		✓	ME	[Signature]
30.	Amal Rave		✓	ME	[Signature]
31.	Asjad		✓	ME	[Signature]
32.	Benny Mathew		✓	ME	[Signature]
33.	Akshay K.K		✓	ME	[Signature]
34.	ASIFF M.M		✓	ME	[Signature]
35.	Amal C. George		✓	ME	[Signature]
36.	Akmal T.C		✓	ME	[Signature]
37.	Asib P.S		✓	ME	[Signature]
38.	Ashiq K.W		✓	ME	[Signature]
39.	BIJO JACOB		✓	ME	[Signature]
40.	ALLEN STEPHEN		✓	ME	[Signature]
41.	ELDHOSE BABY		✓	ME	[Signature]
42.	Ananthakrishnan C.J		✓	ME	[Signature]
43.	Abin P.R		✓	ME	[Signature]
44.	Blady C.J		✓	ME	[Signature]
45.	Amal Suhaib		✓	ME	[Signature]
46.	AJMAL K.S		✓	ME	[Signature]
47.	ALAN SEAN		✓	ME	[Signature]



50.	Fathima				
51.	Facely Lewis	✓	mc		Pin
52.	Amal Gaggadharan	✓	mc		Tab
53.	Ibrahim Fajis	✓	mc		Gang
54.	Ashim T Ashraf	✓	mc		Tab
55.	ASIF PS	✓	mc		Tab
56.	ALAN STEPHEN	✓	mc		Tab
57.	AKHIL ALI	✓	mc		Tab
58.	ARON	✓	mc		Tab
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Amal



KMEA ENGINEERING COLLEGE

Kuzhivelipady, Edathala P.O, Kochi-683561

COMMUNICATION FOR TEP CELL PROGRAMME

Department of mechanical engineering

It is decided to conduct a Talk on "Importance of safety in current industrial scenario" by Irez academy for final year students on 16/11/2018. All are requested to attend.

Venue : CONFERENCE HALL, PSTA HALL

Time: 3.00 pm



HOD



PRINCIPAL



80

C. H. Mohammed Koya
K M E A Engineering College

(Approved by AICTE and Affiliated to APJ Abdul Kalam Technological University)

No. D/1137/KMEA/2018

16/11/2018

CERTIFICATE

This is to certify that Smt. Dayana, Irez Academy has delivered a technical talk on "Importance of Safety in current Industrial scenario" at 3.00 pm on 16.11.2018 in the department of Mechanical Engineering, KMEA Engineering College



PRINCIPAL

PRINCIPAL
KMEA ENGG. COLLEGE
EDATHALA-683 561



Edathala, Aluva - 683 561, Kochi, Kerala, India. Tel : 0484-2411003, 2411004, 2411005, 9447313529. Fax: 0484 2411005

E-mail : office@kmeacollege.ac.in www.kmeacollege.ac.in

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Scanned by CamScanner

KMEA ENGINEERING COLLEGE

Kuzhivelipady, Edathala P.O, Kochi- 683561

TECHNOLOGY EMPOWERMENT CELL PROGRAMME CELL

EVENT REPORT

Department of Mechanical Engineering

Career Guidance Programme

The Talk on "Importance of safety in current industrial scenario" was conducted by TEP cell of Mechanical Engineering department on 16/11/18. This event was for fourth year mechanical engineering students. The talk was conducted at Conference hall and delivered by Smt. Dayana, Irez Academy. This session was started at 3.00 PM. This talk briefly explains Importance and awareness of Industrial safety, Role of Safety professionals in industry and International Certification course NEBOSH. There was a test at 4.00 PM to check students knowledge in the field of industrial safety. The event was concluded at 4.15 pm.



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Report

Report on talk of "Importance of safety in current industrial scenario" for final year students conducted by TEP cell dated 16/11/2018

The Talk "Importance of safety in current industrial scenario" was conducted by TEP cell at department of Mechanical Engineering on 16/11/18. This event was for fourth year mechanical engineering students. The talk was conducted at Conference hall and delivered by Smt. Dayana, Irez Academy. This session was started at 3.00 PM. This talk briefly explains Importance and awareness of Industrial safety, Role of Safety professionals in industry and International Certification course NEBOSH. There was a test at 4.00 PM to check students knowledge in the field of industrial safety. The event was concluded at 4.15 pm



Dayana

The classes were helpful and easy on the
about the course. It was good.



Checked

The class was good and informative.

Quinted



85

Very good

It is informative

very helpful

Devi



Class was very nice
Informatory.
Very helpful.

Chand



very good, is

It is informative

very helpful

Quoted



Class is very interesting and helpful

Quintus



→ Interesting class.

→ Very good.

Chand



90

Date: 22/10/2018

KMEA Engineering College**Mechanical Engineering Department**

The State Resource Centre is conducting a workshop for final year students about QAQC and MEP on 23rd October 2018. All final year students should participate in the workshop.

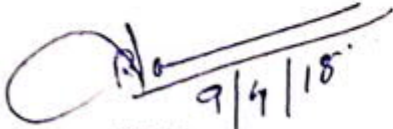
Date	23rd Octber 2018
Time	10am to 12pm.
Venue	S7ME CLASS ROOM
Resource Person	Jeo Philip


Head of Department
Dr. Bijesh Paul
KMEA




Notice

This is to inform you that an interactive session will be conducted by Dinesh Gopinath, safety engineer ADNOC and Faizal Farooq Director of ivion industrial academy about the **career mapping skills in the areas of marine, oil and gas sector** on 12/4/18 for Mechanical Engineering Department. All are requested to attend.


HOD




PRINCIPAL

Dear Sir,

Many thanks for giving us a slot for interaction with your students

The interactive session was conducted by Mr. Dinesh Gopinath - Safety Engineer ADNOC and Managing Director Ivion Industrial Academy and Mr. Fazial Farook - Director - Ivion Industrial Academy for final year Mechanical Engineering students to give a brief idea on Career Mapping skills in the areas of Marine and Oil and Gas Sector.

The students were so enthusiastic and cooperative during the training and we look forward to associate with KMEA Engineering college in placement training and Placement related activities.

Kind Regards,

Jayadev M Pillai
Training Manager

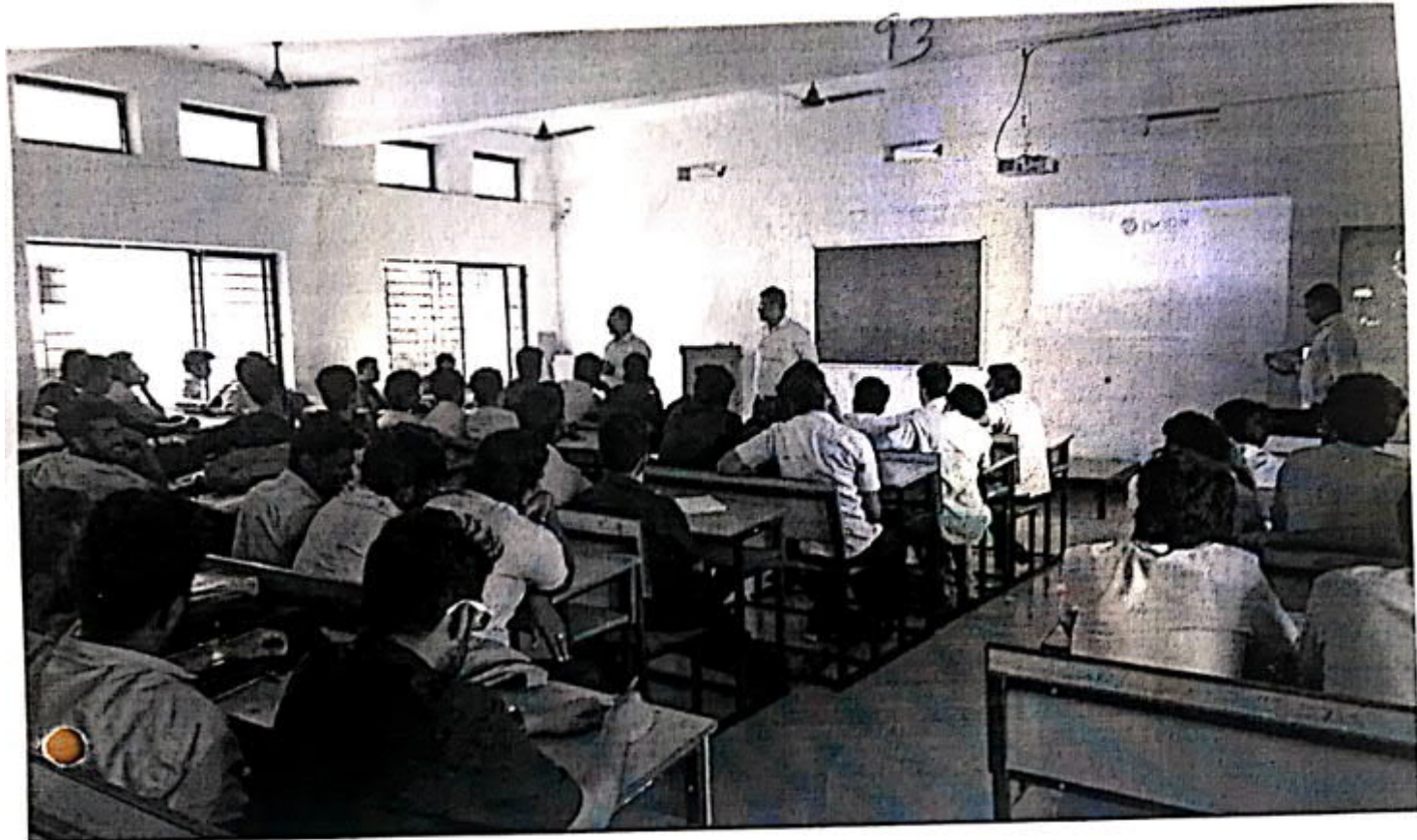
32/1495, A1 2nd Floor, Chackos Chambers, Palarivattom,
Pipe Line Road, Ernakulam, Kerala, India-682025.

Mobile: +91-9072840712

Tel: +91-484-4100151.

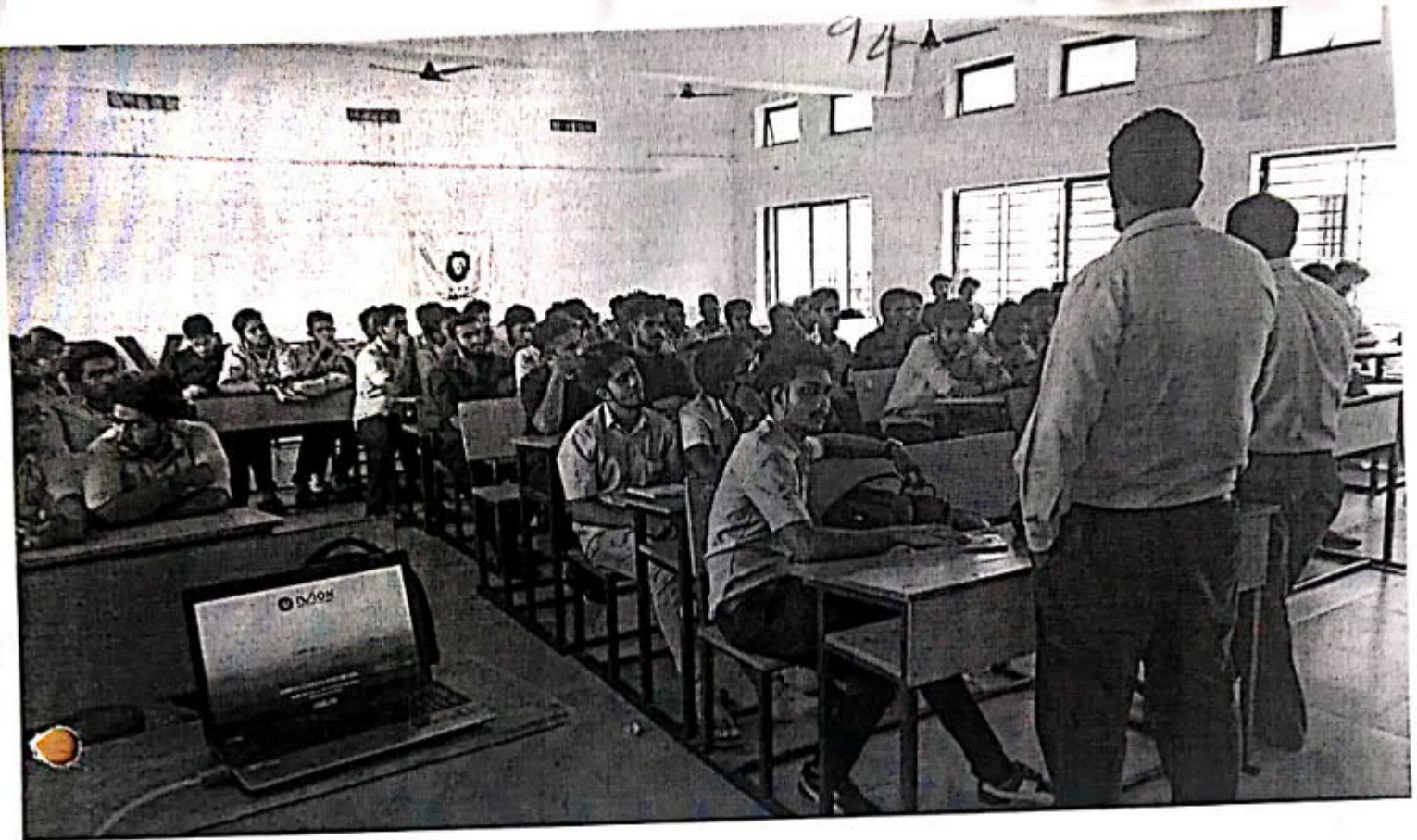
www.ivionacademy.com





Shirhad





Amir



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FEED BACK REPORT

Date	Program	Resource Person	Audience
12/4/18	Career mapping skills in marine, oil and gas sector	Dinesh Gopinath (Safety Engineer, Adnoc) Faizal Farooq (Director, ivion Industry academy)	Students

Sl.no	Name	Remarks	Signature
1	EBRAHIM MUHAMMED	Informative	
2	Dave D'ou Z	Super	
3	HARSHIC BAWA	Good	
4	ASEEF-A-A	Good	
5	Marsuk U.S	Tremendous	
6	Aslam sha	Awesome	
7	Jawhar Basheer	Awesome	
8	Proccy	Good	
9	RISVAN C I T	awesome	
10	Muhammed hashim	Knowledgeable	
11	Muhammed Janshe	Good	
12	RINSHAD-N-A	Good	
13	T.G. JAISHANKAR	Good	
14	NITHIN DAS M R	GOOD	
15	Nihal GHANAVAS	Good	
16	Manu k.m	Good	



Notice

This is to inform you that a seminar on Industry Oriented Mechanical Softwares and its Applications will be conducted by CADD centre on 21/2/18 for Mechanical Engineering students. All are requested to attend.


HOD




PRINCIPAL

To

Head of the Department,
Mechanical Engineering,
KMEA, Kochi

SEMINAR ON INDUSTRY-ORIENTED MECHANICAL SOFTWARES AND ITS APPLICATIONS

Dear Sir,

We had conducted a seminar on Mechanical Product Design & Analyzing Software on Wednesday, i.e., 21st Feb 2018; the session was started at 3 pm (One hour) and we are so pleased and thankful for the kind co-operation from every students of the Mechanical Department those who had attended the same.

The trainer who delivering the technical information was a well experienced holder in Mechanical Software coming from our Centre, Palarivattom. we hope that the training was very helpful to you to fill the Skill Gap and make you Employable.

Immediately after the training session, we had conducted scholarship test for the Mechanical students, we will arrange a free demo/workshop on at least two software's (one 3D modeling software & one analyzing software) and one project planning management software followed by certification** for 50 students who is going to be shortlisted from the scholarship test in our CADD lab, CADD CENTRE, PALARIVATTOM, An Authorized Training Partner Of NSDC & MSME (Ministry of Micro, Small & Medium Enterprises). It will be much helpful for your future placement too.

We will appreciate if you gain maximum out of these sessions. For any kind of information regarding the training contact us on 9895780156.

****N. B:** Students have to submit a paper upon the topic which we are covering in the training session.
We will issue a Participant Certificate immediately after the paper submission.







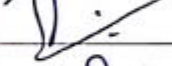
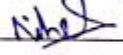

Sincerely,



Sreeja S S
Centre Manager



FEED BACK REPORT

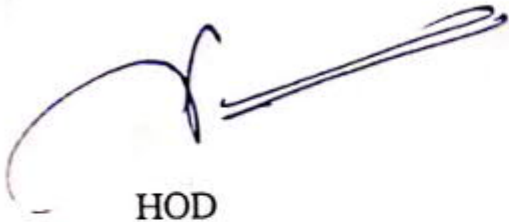
Date	Program	Resource Person	Audience
21/2/18	Seminar on industry oriented mechanical softwares and its applications	Cadd centre	Students

Sl.no	Name	Remarks	Signature
1	EBRAHIM MUHAMMAD	Good	
2	Fozayy	Good	
3	JAISHANKAR	Very Good	
4	Aslam	Awesome	
5	Muhammed hashim	Good	
6	Muhammed Janshen	nice	
7	Hridhic Bawoo	Good	
8	NIHAL SHANAVAS	Good	
9	NITHIN DAS M R	Good	





Notice

This is to inform you that Mechanical department is conducting a Seminar on **Scope and Career in Quality Assurance & Quality Control** for final year Mechanical Engineering students on 20/08/2017. Interested students are requested to give their names to their mentors.



HOD



Principal



TRITECH DESIGN ACADEMY
FINISHING SCHOOL FOR ENGINEERS

AUTODESK.

Authorized Training Center
Authorized Certification Center

407W, II FLOOR, PULIMOOD BUILDING, CHURCH ROAD, NORTH KALAMASSERY, COCHIN 683104 Mob: 9995450123

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To

12th June 2018

The Head of the Dept
Mechanical Engineering
KMEA Engineering College
Edathala

Sub: One day CAD & Fusion 360 workshop for Engineering Students

Dear Sir

This has reference to our discussion with Dr Bijesh Paul (HOD-Mechanical) today.

We wish to introduce ourselves as a Leading Training Firm providing Job Oriented Programs for Engineering students. We have tailor made programs to meet the demanding needs of the Industry which includes our clients, system integrators and associates integrating our experience of more than two decades as Industry Leaders in BIM and Engineering Projects. Our training programs closely integrate Software Training and Live Projects focusing on quality output and placement rather than Software tools.

We are a Legal ATC for Autodesk USA for which we have Certified Instructors and other experienced professionals as trainers.

Our Proposal for Mechanical and Civil Engineering Students is attached

Thanking you.

Yours truly,

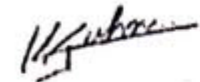
For TRITECH DESIGN ACADEMY



MEP Courses / CAD Training / Live MEP Projects

www.tritechacademy.com

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BIJO K JOHN
MANAGING PARTNER & DIRECTOR

Annexure1

Proposal for Mechanical & Civil Engineering Students

Time 9 AM -4 PM	Details of Session
9:00-10:00	Scope of CAD & BIM in Engineering Applications
10:00-11:10	AutoCAD with Basic Tools
11:10-11:20	Break
11:20-12:30	Lab Session for CAD
12:30-1:20	Lunch Break
1:20-2:30	Fusion 360 with Basic Tools
2:30-2:40	Break
2:40-4.00	Lab Session for Fusion 360

Annexure2

Fee Proposal

The Fee for the workshop is Rs.150/- per student and should pay after completion of workshop.




MEP Courses / CAD Training / Live MEP Projects

www.tritechacademy.com

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Notice

This is to inform you that Mechanical department is conducting a Workshop on **CAD and Fusion 360** for students on 23/10/2018 by Tritech Design Academy. The course fee is 150 per head. Interested students are requested to give their names and amount to their respective mentors on or before 15/10/2018.



HOD



Principal



STATE RESOURCE CENTRE, KERALA

UNDER THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT
GOVERNMENT OF INDIA

കേന്ദ്ര മാനവ വിഭവശേഷി വികസനമന്ത്രാലയത്തിന്റെ കീഴിലും സംസ്ഥാന പൊതു വിദ്യാഭ്യാസ വകുപ്പിന്റെ കീഴിലും പ്രവർത്തിച്ചുവരുന്ന സ്റ്റേറ്റ് റിസോഴ്സ് സെന്റർ കേരള നടത്തുന്ന വിവിധ പ്രൊഫഷണൽ സ്പെഷ്യലൈസേഷൻ കോഴ്സുകളിലേക്ക് അഡ്മിഷൻ ആരംഭിച്ചിരിക്കുന്നു.

കൺസ്ട്രക്ഷൻ കമ്പനികൾ, പെട്രോളിയം കമ്പനികൾ, റഫൈനറികൾ, ഓയിൽ റിസ്റ്റുകൾ, ഷിപ്പ്യാർഡുകൾ, സിമന്റ് - സ്റ്റീൽ ഫാക്ടറികൾ തുടങ്ങിയ ലോകത്തെവിടെയുമുള്ള പ്രൊഫഷണൽ പ്ലാന്റുകളിൽ

കൺസ്ട്രക്ഷൻ

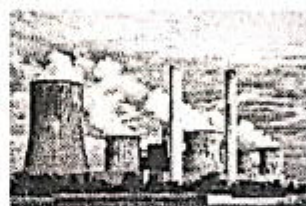
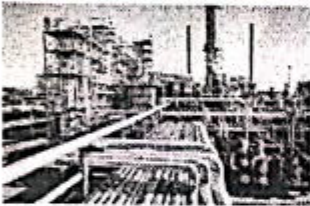
മെക്കാനിക്കൽ ഇറക്ഷൻ

ക്വാളിറ്റി കൺട്രോൾ

ഓയിൽ & ഗ്യാസ്

ഓഫ്ഷോർ & ഓൺഷോർ

മേഖലകളിൽ അനേകായിരം തൊഴിലവസരങ്ങൾ



PIPING ENGINEER

NDT/QAQC ENGINEER

WELDING INSPECTOR

OIL & GAS ENGINEER

HVAC ENGINEER

MEP ENGINEER

SRC - Skill Development Training Initiative - ഒരു ഭാഗമായിട്ട് വിവിധ പൊതുമേഖലാ - പ്രൈവറ്റ് സ്ഥാപനങ്ങളിൽ നിബന്ധനകൾക്ക് വിധേയമായി **Internship** നേടാൻ അവസരം ഒരുക്കുന്നു. അതുവഴി വിദ്യാർത്ഥികൾ കൂടുതൽ പ്രായോഗിക പരിശീലനം നേടാവുന്നതാണ്.

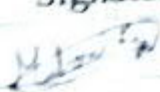


















ജോബ് സപ്പോർട്ട്

ലോകത്താകമാനമുള്ള തൊഴിലവസരങ്ങളെ കുറിച്ച് അറിയുന്നതിനും അവ പ്രയോജനപ്പെടുത്തുന്നതിനുമായുള്ള പ്ലെയ്സ്മെന്റ് അസിസ്റ്റൻസ് ലഭിക്കുന്നതിനായി വിദ്യാർത്ഥികൾക്ക് Placement cell, Job Portal സൗജന്യമായി രജിസ്റ്റർ ചെയ്യാനുള്ള സൗകര്യം SRC യുടെ നേതൃത്വത്തിൽ സജീകരിച്ചിട്ടുണ്ട്. വിദ്യാർത്ഥികൾക്ക് ലഭിക്കുന്ന സർട്ടിഫിക്കറ്റിൽ ഗൾഫ് നാടുകളിലും മറ്റു വിദേശ രാജ്യങ്ങളിലും തൊഴിൽ നേടാൻ സഹായകരമായ ഓൺലൈൻ വെരിഫിക്കേഷൻ സൗകര്യം ഉള്ളതിനാൽ വിദ്യാർത്ഥികളുടെ Authentication Code ഉപയോഗിച്ച് ലോകത്തെവിടെയും ഉള്ള കമ്പനികൾക്ക് സർട്ടിഫിക്കറ്റ് ഇൻ്റർനെറ്റിലൂടെ പരിശോധിച്ച് സർട്ടിഫിക്കറ്റിന്റെ നിലവിലാക്കൽ കഴിയുന്നതാണ്.

കോഴ്സ് വിജയകരമായി പൂർത്തിയാക്കിയ വിദ്യാർത്ഥികൾക്ക് കേന്ദ്ര മാനവ വിഭവ വികസനമന്ത്രാലയത്തിന്റെ കീഴിലും സംസ്ഥാനപൊതുവിദ്യാഭ്യാസ വകുപ്പിന്റെ കീഴിലും പ്രവർത്തിച്ചുവരുന്ന സ്റ്റേറ്റ് റിസോഴ്സ് സെന്റർ കേരളയുടെയും ഓൺലൈൻ വെരിഫിക്കേഷൻ സാധ്യമായ സർട്ടിഫിക്കറ്റ് നേടുവാൻ സാധിക്കുന്നു എന്നുള്ളതാണ് ഈ തൊഴിലധിഷ്ഠിത വിദ്യാഭ്യാസ പദ്ധതിയുടെ ഏറ്റവും വലിയ പ്രത്യേകത. വിദ്യാർത്ഥികൾക്ക് നൽകുന്ന സർട്ടിഫിക്കറ്റിൽ ഹോളോഗ്രാമിനോടൊപ്പംതന്നെ പ്രത്യേക Authentication Code ഉം ആലേഖനം ചെയ്തിട്ടുള്ളതിനാൽ സർട്ടിഫിക്കറ്റിന് ലോകത്തെവിടെനിന്നും ഓൺലൈൻ വെരിഫിക്കേഷൻ കഴിയുന്നതാണ്.

FEED BACK REPORT

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Date	Program	Resource Person	Audience
19/8/2019	Introduction to motorsport	Mr. KIRAN	
Sl. No. Date	Name	Remarks	Signature
1	Mohamed Fajin V A	Informative, Motivating	
2	Muhammed Ishak	motivational	
3	HIJAS BS.	Excellent and Interesting	
4	AFSAL K D	Nice, informative	
5	Joel Jose	interesting	
6	BEN MICHAEL	Informative, Excellent way to present	
7	ELDMOVARUSESE	Interesting & Informative	
8	ARNA PAVOSE	good	
9	Muhammed Hadif	Interesting & Excellent	
10	Badrulha Bm Abdulha	4 better starting	
11	Joseph Vinslor padena	Interesting	
12	Mohamed Ajjuna	Good	
13	Anasif Muhammad	interesting	
14	Antony Arnold	Interesting and Informative	
15	Muhammed Nasim	Interesting	
16	Tony Antony	Nice and interesting	
17	Manu Sankar Prasad R	Informative and Interesting	
18	NIAAL P. OMLAL	Interesting	
19	Rahul Antony Tom	Informative & Interesting	
20	SABREEN RAPEEK	Interactive class	

FEED BACK REPORT

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Date	Program	Resource Person	Audience
S.No. Date	Name	Remarks	Signature
21.	RAIZ ANTONY	interactive class and nice class.	<i>[Signature]</i>
22	Mahi Sankar Dasgupta R	Interesting class	<i>[Signature]</i>
23	Amal Jyothi	Interactive and Innovative class	<i>[Signature]</i>
24	Amal Vijay	Fascinating class	<i>[Signature]</i>
25	Umarul Farooq	I like the class Very Much	<i>[Signature]</i>
26	Ashwin A.S	very Interesting class	<i>[Signature]</i>
27	Muhammed salman	Interesting class	<i>[Signature]</i>
28	George Jayaram J	spoke class	<i>[Signature]</i>
29	Adhul Pakarsh K	Informative	<i>[Signature]</i>
30	Abel Abraham	like to know more about making no kart	<i>[Signature]</i>
31	ALTHAF KR	Imactive and Informative	<i>[Signature]</i>
32	Jerom Allen	Informative, more interesting	<i>[Signature]</i>
33	IQBAL	More Interactive	<i>[Signature]</i>
34	Ajmal Siddiqui B	Interesting	<i>[Signature]</i>
35	Mohamed Mishal P. K	effective and interesting	<i>[Signature]</i>
36	P. A. ABDUL HAFIZ	Informative class	<i>[Signature]</i>
37	Amanulla TB	Quiet informative.	<i>[Signature]</i>
38	Shuhin chullijil	More knowledge about informative	<i>[Signature]</i>
39	Anandu A.T	Quiet informative	<i>[Signature]</i>
40	Ameershaad K.K	more informative	<i>[Signature]</i>

FEED BACK REPORT

Date	Program	Resource Person	Audience
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Date	Name	Remarks	Signature
41	Mohammed Iqbal	Innovative class	Matti
42	Mohammed Sched M.A	Very interesting	M. J. M.
43	Muhammed Sahal M.K	Excellent class	S. S. S.
44	MUHAMMED RAJESH.Y	Informative class	T. S. S.
45	Muhammed Nidhal M.B	Efficient class	M. S. S.
46	Rizwan Nazam	Innovative and much interesting	P. S. S.



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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

Faculty Development Programme

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Bijesh Paul

Technical Field of proposal
Material Science & Engineering

Title of proposal – FDP Title
Corrosion and Tribo-corrosion of Engineering Materials

Add rows as required

Abstract

Tribo-Corrosion can be defined as a degradation phenomenon of material surfaces due to wear and corrosion. It is subjected to the combined action of mechanical loading and corrosion attack caused by the environment. It is basically an integration of two major focuses of namely Tribology and Corrosion. The mechanical components in the tribo-corrosion systems are typically sliding wear, abrasion, cavitation, fretting, tribo-oxidation, and solid particle erosion. It is important to understand the mechanism of tribo-corrosion for research and development of different materials for service applications that involve simultaneous action of mechanical and electrochemical agents on engineering components.

This course enhance the expertise and understanding of the subject among various faculty and researchers working and intend to work in Tribo-corrosion area and also enhance the awareness of this mode of degradation among various practicing engineer from industry around our institute and elsewhere in India. The course is designed for several young faculty, research scholar, and graduate student of the institute. It is also aimed for several practicing engineer and researchers of the industries located in the vicinity of our institute.

[Handwritten signature]



Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

Primary objective of the course is to develop broad understanding on corrosion, tribology and tribocorrosion, selection of materials, failure of components and its mechanism due to synergy of corrosion and wear.

Add rows as required

Project Impact -Expected outcome - academic / social / commercial

A Faculty Development Programme (FDP) is designed to

- enhance their teaching and research skills
- make them aware about modern teaching tools and methodologies
- acquire knowledge about current technological developments in relevant fields.
- impart professional practices relevant to technical education
- achieve competitive teaching and learning environment and
- channelize development with respect to academic qualifications and personal matters

Programme details

Date	Time	Activity	Venue	Infrastructural Requirements and availability
25/05/2017 To 27/05/2017	9.30AM- 3.30PM	Lecture, Demonstration and Discussions	Conference Hall	Chair – 100, Table – 2, Projector with Screen, White Board, Sound System with 2 Mic (1 codeless).

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Dr. Shashi Bushan Arya	Assistant Professor	NITK Surathkal	Resource Person & Chief Guest

Add rows as required



Budget Estimates

Head of expenditure	Anticipated expenditure	Expected Income	External Sponsorships	Budget by parent organization
Remuneration to Guest (3Days)	15000			
Travel, Stay and food (3 Days)	12000			
Stationery, printing, Pre-event expenditure etc.	5000			
Refreshment to Participants (3 Days, 30 Nos expected)	12000			
Registration Fee (30 Nos expected; 1500*30)		45000		
Other	2000			
Total in Rupees	46000	45000		

Details of Coordinator

Name	Arun VK		
Exact designation	Asst. Professor	Department	ME
Contact Details	avk.me@kmeacollege.ac.in		+91 9447789819
Signature			
Name	Mohammed Yasir V.A		
Exact designation	Asst. Professor	Department	ME
Contact Details	myv.me@kmeacollege.ac.in		+91 9895615032
Signature			

HOD

30/11/17

PRINCIPAL



DIRECTOR

KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

FACULTY DEVELOPMENT PROGRAMME

A Faculty Development Programme (FDP) is designed to

- Enhance the teaching and other skills.
- Make them aware about modern teaching tools and methodologies.
- Acquire knowledge about current technological developments in relevant fields.
- Impart professional practices relevant to technical education.
- Achieve competitive teaching and learning environment and
- Channelize development with respect to academic qualifications and personal matters.

Name of the Department	MECHANICAL ENGINEERING
Name of the Head of the Department	DR. BIJESH PAUL

Technical Field of proposal
Fluid Dynamics

Title of proposal
FDP on Computational Fluid Dynamics

Abstract

Computational fluid dynamics (CFD) is a branch of fluid mechanics that uses numerical analysis and algorithms to solve and analyze problems that involve fluid flows. Computers are used to perform the calculations required to simulate the interaction of liquids and gases with surfaces defined by boundary conditions.

The FDP on Computational Fluid Dynamics is being organized keeping in mind the changing industry trends in product development with emphasis on modelling and simulation. Computational Fluid Dynamics (CFD) provides a qualitative (and sometimes even quantitative) prediction of fluid flows by means of Mathematical modeling (partial differential equations) Numerical methods (discretization and solution techniques) Software tools (solvers, pre- and post-processing utilities) CFD enables scientists and engineers to perform numerical experiments (i.e. computer simulations) in a virtual flow laboratory. Teaching faculty of all disciplines, students and Industry personnel can be benefitted through brainstorming sessions conducted by experts in the respective fields and practical training of CFD applications in respective domains.

This course enhance the expertise and understanding of the subject among various faculty and researchers working and intend to work in computational fluid dynamics. The course is designed for several young faculty, research scholar, and graduate student of the institute. It is also aimed for several practicing engineer and researchers of the industries located in the vicinity of our institute.

Add rows as required

Objective

- Equip the participants with fundamentals of Computational Fluid Dynamics
- Enable the participants to convert the design problems into CFD
- Introduce the applications of computational fluid dynamics and to solve the heat transfer and fluid flow problems using CFD Softwares.

This workshop will provide a basic introduction to CFD. The objective is to introduce basic skills for performing analysis and visualization using CFD. Using simple examples, the participant will acquire knowledge to perform routine analysis tasks. Class-room training is complimented with hands-on training on CFD tools.

Project Impact -Expected outcome

On successful completion of the training program, participant will be able to: Have a working knowledge of variety of computational techniques, that could be used for solving engineering problems and proficiency in engineering design • Develop an understanding of the major theories, approaches and methodologies (e.g. boundary conditions, turbulence modelling etc.) used in CFD

Level of activity (Regional / National / International) and target audience

Expecting delegates from over the nation in the following categories:

- ♦ Engineers or research scientists from Universities/Technical institutions / Industries
- ♦ Undergraduate / Post graduate students (Mechanical Engg, Aerospace Engg, Marine Engg).
- ♦ Research scholars / Faculty members

Programme details

Date	Activity	Venue	Infrastructural requirements and availability
26 th – 27 th May 2017	Faculty Development Programme	Conference Hall	Sound system, Background Banner at the venue



Eminent personalities expected to participate

Name	Designation	Organization	Activity
Resource Person 1			Resource Person & Chief Guest
Resource Person 2			
Resource Person 3			
Resource Person 4			

Budget Estimates

Head of expenditure	Anticipated	Expected Income
Remuneration to Guest (2 Days)	20000	
Travel, Stay and food (2 Days)	10000	
Stationery, printing, Pre-event expenditure etc.	5000	
Refreshment to Participants (2 Days, 30 Nos expected)	8000	
Registration Fee (30 Nos expected; 1500*30)		45000
Other	2000	
Total in Rupees	45000	45000

Details of Coordinators

Details of Coordinators			
Name	Haris P A		
Exact designation	Asst. Professor	Department	ME
Contact Details	hpa.me@kmeacollege.ac.in		+91 9496462569
Signature			
Name	Muhammed Thanzeel M A		
Exact designation	Asst. Professor	Department	ME
Contact Details	mtm.me@kmeacollege.ac.in		+91 9895140856
Signature			

HOD

PRINCIPAL

DIRECTOR

KMEA ENGINEERING COLLEGE
EDATHALA-683561



DIRECTOR
PRINCIPAL

KMEA ENGINEERING COLLEGE
EDATHALA-683561

KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Brijesh Paul

Technical Field of proposal
Presentation/Report Drafting

Title of proposal - Seminar / Symposium / Workshop Title
A Brief Introduction to LaTeX

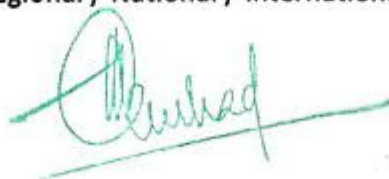
Add rows as required

Abstract

LaTeX is a document preparation system which can be used by students for the preparation of their Seminar/Project Reports

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience





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Make students familiar with the usage of LaTeX and enable them to prepare their Seminar/Project reports using LaTeX. (Regional). Target Audience- Students

Add rows as required

Project Impact -Expected outcome - academic / social / commercial
Academic - Make the students familiar with LaTeX

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
10- Mar- 2017	9am-4pm	Demonstration regarding usage of LaTeX	Cad Lab	1 White Board

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Vivek Harris	Asst. Professor	KMEA Engineering College	A day long class to make the students familiar with LaTeX

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role in collaborating/participating	Financial commitment* in Rs.



120

	Total Rs.
--	-----------

*Mention role of industry/organisation.
Add rows as required.

*Attach copy of letters received from participating industry showing intent / financial commitment etc.

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

Add rows as required.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total				

Add rows as required.
Max assistance 3 Lakhs

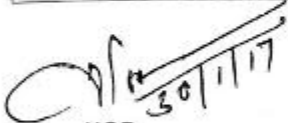
Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Vivek Harris	Permkrishnan P
Exact designation	Assistant Professor	Assistant Professor



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Department	Mechanical Engineering	Mechanical Engineering
Cell number	9496325249	8301859951
Email	vkx.me@kmeacollege.ac.in	pmk.me@kmeacollege.ac.in
Signature		


HOD 30/11/17


PRINCIPAL


DIRECTOR



KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Brijesh Paul

Technical Field of proposal

Entrepreneurship

Title of proposal - Seminar / Symposium / Workshop Title

Expert talk on Entrepreneurship

Add rows as required

Abstract

Entrepreneurship in recent times has become a serious area of study. It is considered to be a solution for creating wealth, generating employment and providing new goods and services. Developing the spirit of entrepreneurship among the young has become vital because of the

1




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Government cannot provide jobs for all kinds of unemployed youth, the corporate sector will provide limited jobs only to the best and that too without any job security and lastly, very often it is difficult to find an ideal job.

Entrepreneurship has very little to do with money. It is instead an attitude, a way of thinking. It goes beyond simply starting a company. In other words not all people who start their own organizations can necessarily be categorized as entrepreneurs. Entrepreneurs challenge assumptions, recognize opportunities in periods of change, reveal patterns where others see chaos and mobilize limited resource to achieve an objective.

Goal of the programme are to :

- Create an awareness of the need and importance of entrepreneurship
- Guide them for techniques of preparation of feasible & viable project
- Guide them for "Techniques of proposal preparation.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

Expecting delegates from over the nation in the following categories:

- ♦ Undergraduate / Post graduate students.
- ♦ Research scholars / Faculty members

Add rows as required

Project Impact -Expected outcome - academic / social / commercial

- Plan curriculum that can imbibe the skills and competencies to achieve goals directed by values, have a positive attitude and have the ability to cope with the changing times.
- Develop students with an entrepreneurial and professional mindset.

Add rows as required

124

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
2 nd week of February as per the convenience of recourse person	9am-12.30pm	Talk on Entrepreneurship	Conference Hall	Sound system, Background Banner at the venue

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity

Add rows as required

Add rows as required.

Budget Estimates

Head of expenditure	Anticipated expenditure
Memento to Resource person	600
Refreshment to Participants	1000
Total	1600

125

Details of Coordinators

Add rows as required.
Max assistance 3 Lakhs

	Coordinator 1	Coordinator 2
Name	Muhammed fasal	Ferguson Aissac Fredric
Exact designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9947904941	8089244148
Email	mdf.me@kmeacollege.ac.in	Faf.me@kmeacollege.ac.in
Signature		

HOD 30/1/17

PRINCIPAL

DIRECTOR



9/19/18 124
KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	MECHANICAL ENGINEERING
Name of the Head of the Department	JOSEPH VA

Technical Field of proposal

AUTOMOBILE ENGINEERING

Title of proposal - Seminar / Symposium / Workshop Title
Workshop on Engine assembly and trouble shooting in automobile systems

Add rows as required

Abstract

The workshop mainly aims on enhancing and sharpening skills of participants on hand engine assembly and trouble shooting of various issues of automobile systems which arise in day today life. It also covers a display of various parts of an automobile in detail.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

The objective of the workshop is to make the participants well versatile with engine operations and practical training on engine assembly and various related systems. The workshop also gives an idea about various problems that may arise while using automobiles and preliminary knowledge about various issues so that they can identify the problems that they are facing and take necessary solutions towards it.

127

Add rows as required

Project Impact - Expected outcome - academic / social / commercial

Practical knowledge about various automobile system and methods of trouble shooting of different problems of automobile systems that may arise in day today life

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
15-09-16	9.00 am Full day	Practical demonstration		

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
PH Sadiq Ali	RTO, Emakulam	Motor Vehicles Department, Govt of Kerala	

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ⁵ in collaborating/participating	Financial commitment ⁶ in Rs.
KSRTC, Kuttukaran Institute					
Total Rs.					

⁵Mention role of industry/organisation.
Add rows as required..⁶Attach copy of letters received from participating industry showing intent / financial commitment etc.

Similar event organized by the Institute earlier, if any.

Title of the	Subject	Date from- to	Level	Name of by external body	Grant/Fund received by
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activity	(Latest first)	(Regional / National / International)	involved, if any	AICTE/GOVT Agencies Rs.


Add rows as required.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Honorarium (for RTO)	2000			
Workshop fees (Kuttukaran institute & KSRTC)	12000			
TA & Food	1000			
Total				15,000/-

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Muhammed yasar CA	Ferguson Aissac Fredric
Exact designation	Assistant professor	Assistant professor
Department	ME	ME
Cell number	9846590543	8089244148
Email	Myr.me@kmeacollege.ac.in	faf.me@kmeacollege.ac.in
Signature		

HOD

PRINCIPAL

DIRECTOR



Notice

This is to inform you that Mechanical department is conducting a workshop and Practical demonstration on **Engine Assembly and Trouble Shooting in Automobile Systems** for Mechanical Engineering students on 28/09/2016. Interested students are requested to give their names to their mentors.

HOD



Principal

11/9/16 130

KMEA ENGINEERING COLLEGE

Performa for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Mr. Joseph V A

Technical Field of proposal
Mechanical QA & QC

Title of proposal - Workshop Title
Non Destructive Testing & Inspection

Add rows as required

Abstract

A Mechanical Engineering graduate involved in industrial construction needs specialization before he gets assignment as QA/QC Engineer. The quality control of industrial construction is usually done in accordance with International Quality Standards such as ASME, API, AWS, ANSI, ASTM, BS etc. standards. Through this workshop, our aim is to provide hands on training for Mechanical Engineering students in various non-destructive testing methods with specified standards used in industries for quality testing & inspection.

Add rows as required

Objective and Level of activity (Regional / National /International) and target audience

The major objective of this workshop is to familiarize the quality testing & inspection techniques to our students.

Add rows as required

Project Impact -Expected outcome - academic / social / commercial

The NDT methods are the important techniques in quality control and this subject is included in eighth semester curriculum in MG university syllabus. So, it will be a great platform to students as well as faculties to comprehend the practical aspects of NDT.

Signature



Programme details

add rows as required

Date	Time	Activity	Venue	Infrastructural requirements and availability
28/09/2016	9.30AM-3.30PM	Lecture, Demonstration and Discussions	Auditorium – ME Block	Chair – 125, Table – 5, Projector with Screen, White Board with marker, Sound System with 2 Mic (1 codeless).

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Mr. P. J Varghese	Technical Manager	Metal Scan Inspection Services	Speaker / Advisors / Trainer

Add rows as required

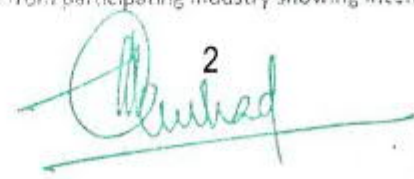
Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.

Name	Address	Website	Contact person , designation, email	Role ⁵ in collaborating/participating	Financial commitment ⁶ in Rs.
Metal Scan Inspection Services	Tower B, 5th Floor, Mather Square, Opposite to Town (North) Railway Station, Town Railway Station Road, Kochin-682018	www.metalscan-kerala.com	P.J Varghese Tel: 0484 3210681 Cell: 09349891880 / 9446937402 E-Mail - info@metalscan-kerala.com	*Handling Lecture and demonstration session *They will provide their equipment for various NDT techniques *Also, one of their staff will accompany with the trainer for practical session.	
Total Rs.					

⁵Mention role of Industry/organisation.

Add rows as required.

⁶Attach copy of letters received from participating industry showing intent / financial commitment etc

2




Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from - to (Date of Event)	Level (Regional / National / International)	Hosted by (Name of Institute / Organization, if any)	Organized by (Name of Institute / Organization, if any)

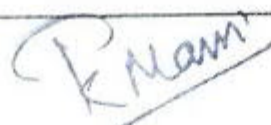
Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Revenue requested from (Amount in Rs.)
Remuneration to speakers	3000			
Memento (Nos. 2)	700			
TA/DA	1000			
Printing flex (Nos 2) and certificates (Nos - 125)	2500			
Sound System - Basic with 2 mic (1 normal+1codeless) with operator	2800			
Refreshments to speakers including lunch (Nos. 2)	500			
Total	10500			

Details of Coordinators

	-Coordinator 1	Coordinator 2
Name	Arun VK	Muhammed Yasir V A
Exact designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Phone number	9447789819	9895615032
Email	avk.me@kmeacollege.ac.in	myv.me@kmeacollege.ac.in
Signature		

OD 


PRINCIPAL


DIRECTOR



Notice

This is to inform you that Mechanical department is conducting a Workshop on **Non Destructive Testing and Inspection** for Final year Mechanical Engineering students on 28/09/2016 by Metal Scan Inspection Services. Interested students are requested to give their names to their respective mentors.



HOD


Principal

KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Bijesh Paul

Technical Field of proposal
Mechanical QA & QC

Title of proposal - Workshop Title
Non Destructive Testing & Inspection

Abstract

Add rows as required

A Mechanical Engineering graduate involved in industrial construction needs specialization before he gets assignment as QA/QC Engineer. The quality control of industrial construction is usually done in accordance with International Quality Standards such as ASME, API, AWS, ANSI, ASTM, BS etc. standards. Through this workshop, our aim is to provide hands on training for Mechanical Engineering students in various non-destructive testing methods with specified standards used in industries for quality testing & inspection.

Objective and Level of activity (Regional / National / International) and target audience

Add rows as required

The major objective of this workshop is to familiarize the quality testing & inspection techniques to our students.

Project Impact -Expected outcome - academic / social / commercial

Add rows as required

The NDT methods are the important techniques in quality control and this subject is included in eighth semester curriculum in MG university syllabus. So, it will be a great platform to students as well as faculties to comprehend the practical aspects of NDT.




Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
8/03/2017	9.30AM-3.30PM	Lecture, Demonstration and Discussions	Auditorium – ME Block	Chair – 125, Table – 5, Projector with Screen, White Board, Sound System with 2 Mic (1 codeless).

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Mr. P. J Varghese	Technical Manager	Metal Scan Inspection Services	Speaker / Advisors / Trainer

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment [#] in Rs.
Metal Scan Inspection Services	Tower B, 5th Floor, Mather Square, Opposite to Town (North) Railway Station, Town Railway Station Road, Kochin-682018	www.metalscan-kerala.com	P.J Varghese Tel: 0484 3210681 Cell: 09349891880 / 9446937402 E-Mail - info@metalscan-kerala.com	*Handling Lecture and demonstration session *They will provide their equipment for various NDT techniques *Also, one of their staff will accompany with the trainer for practical session.	
Total Rs.					

[#]Mention role of Industry/organisation.

Add rows as required..

Attach copy of letters received from participating industry showing intent / financial commitment etc.



135

Similar event organized by the Institute earlier, if any.

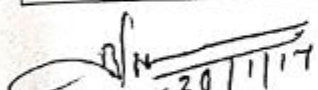
Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	3000			
Stationery and Memento (Nos. 2)	1000			
TA/DA	1000			
Printing printing flex (Nos 2) + certificates (Nos - 125)	2500			
Sound System - Basic with 2 mic (1 normal+1codeless) with operator	2800			
Refreshments to speakers	1000			
Total	11300			

Details of Coordinator

	Coordinator 1
Name	Premkrishnan
Exact designation	Assistant Professor
Department	Mechanical Engineering
Cell number	+91 9745069698
Email	pmk.me@kmeacollege.ac.in
Signature	


HOD 30/11/17


PRINCIPAL


DIRECTOR



Notice

This is to inform you that Mechanical department is conducting a Workshop on **Non Destructive Testing and Inspection** for Final year students on 08/03/2017 by Metal Scan Inspection Services. Interested students are requested to give their names to their respective mentors.

HOD

Joseph



Principal

R. Namini

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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Bijesh Paul

Technical Field of proposal
Mechanical Electrical Plumbing

Title of proposal - Workshop Title
Mechanical Electrical Plumbing Design & Drafting

Add rows as required

Abstract

Mechanical, electrical, and plumbing (MEP) refers to these aspects of building design and construction. In commercial buildings these aspects are often designed by an engineering firm specializing in MEP. MEP design is important for design decision-making, accurate documentation, performance and cost-estimation, construction planning, managing and operating the resulting facility. As with other aspect of buildings, MEP drafting, design and documentation were traditionally done manually. Computer-aided design had some advantages over this, in some instances including 3D modeling. Building information modeling provides holistic design and parametric change management of the MEP design.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

The major objective of this workshop is to familiarize the building design and construction techniques to our students.

Add rows as required




Project Impact -Expected outcome - academic / social / commercial

Mechanical, electrical, and plumbing (MEP) is a significant component of the construction supply chain. MEP design is critical for design decision-making, accurate documentation, performance and cost-estimating, construction planning, managing and operating the resulting facility. So, it will be a great platform to students as well as faculties to comprehend the practical aspects of MEP.

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
28/03/2017	9.30AM-3.30PM	Lecture, Demonstration and Discussions	Auditorium – ME Block	Chair – 125, Table – 5, Projector with Screen, White Board, Sound System with 2 Mic (1 codeless).

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity	Contact
Mr. Shiyas & Mr. Jithin	Faculty MEP & QA/QC	SMEC Automation Pvt Ltd Kaloor	Resource Person	04842340904, 9605550001 service@smecautomation.com

Add rows as required

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.



Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	5000			
Stationery and Memento (Nos. 2)	1000			
TA/DA	1000			
Printing: printing flex (Nos 2) + certificates (Nos - 125)	2500			
Sound System - Basic with 2 mic (1 normal+1codeless) with operator	2800			
Refreshments to speakers	1000			
Total	13300			

Details of Coordinator

	Coordinator 1
Name	Abdul Jaleel
Exact designation	Assistant Professor
Department	Mechanical Engineering
Cell number	+91 9447412841
Email	jal.me@kmeacollege.ac.in
Signature	

HOD


PRINCIPAL



DIRECTOR

Notice

This is to inform you that Mechanical department is conducting a Workshop on **Mechanical Electrical Plumbing Design and Drafting** for final year Mechanical Engineering students on 28/03/2017. Interested students are requested to give their names to their mentors.


HOD
Principal

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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Dr. Brijesh Paul

Technical Field of proposal
Presentation/Report Drafting

Title of proposal - Seminar / Symposium / Workshop Title

A Brief Introduction to LaTeX

Add rows as required

Abstract

LaTeX is a document preparation system which can be used by students for the preparation of their Seminar/Project Reports

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

1

Brijesh Paul



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Make students familiar with the usage of LaTeX and enable them to prepare their Seminar/Project reports using LaTeX. (Regional). Target Audience- Students

Add rows as required

Project Impact -Expected outcome - academic / social / commercial

Academic - Make the students familiar with LaTeX

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
10- Mar- 2017	9am-4pm	Demonstration regarding usage of LaTeX	Cad Lab	1 White Board

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Vivek Harris	Asst. Professor	KMEA Engineering College	A day long class to make the students familiar with LaTeX

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role in collaborating/participating	Financial commitment* in Rs.




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Total Rs.	
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¹Mention role of Industry/organisation.

Add rows as required..

²Attach copy of letters received from participating industry showing intent / financial commitment etc.

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

Add rows as required.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total				

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Vivek Harris	Permkrishnan P
Exact designation	Assistant Professor	Assistant Professor



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Department	Mechanical Engineering	Mechanical Engineering
Cell number	9496325249	8301859951
Email	vkx.me@kmeacollege.ac.in	pmk.me@kmeacollege.ac.in
Signature		


HOD 30/11/17


PRINCIPAL


DIRECTOR



Notice

This is to inform you that Mechanical department is conducting a workshop on **Demonstration regarding usage of LaTeX** for Final year Mechanical students on 02/05/2017 and 10/05/2017 at CAD Lab. All final year Mechanical Engineering students are requested to attend.


HOD
Principal

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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	DEPARTMENT OF MECHANICAL ENGINEERING
Name of the Head of the Department	Dr. Bijesh Paul

Technical Field of proposal
Mechanical, Electrical and Plumbing (MEP)

Title of proposal - Seminar
Scope and Career in MEP Engineering

Add rows as required

Abstract
Mechanical, electrical, and plumbing (MEP) refers to these aspects of building design and construction. In commercial buildings these aspects are often designed by an engineering firm specializing in MEP. MEP design is important for design decision-making, accurate documentation, performance and cost-estimation, construction planning, managing and operating the resulting facility. Mechanical, electrical, plumbing and related systems (MEP systems) have become one of the bigger contributors to the building construction costs. They are also heavy contributors of the energy consumption in buildings, as well as their operation and maintenance costs. This has led to a general recognition of the importance of MEP systems in today's construction industry.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience



Objectives: Awareness for students in

- Career opportunities in MEP Engineering
- Scope, role and responsibilities of MEP Engineer
- Brief introduction to the courses available in the field of MEP

Level of activity: regional

Target Audience: S7 students of Mechanical Engineering Department

Project Impact - Expected outcome - academic / social / commercial

Academic: Better understanding for the students about the field which can aid to streamline their career outlook.

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
19/08/2017	01:30-04:10	LECTURE AND DEMONSTRATION	CONFERENCE HALL, PSTA	Seating capacity of 90 nos., projector.

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Mr. Fahad C.A	Design Engineer	IMPULSE Engineering Institute	LECTURE/ Demonstration

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment [#] in Rs.
NIL	-	-	-	-	-
Total Rs.					0/-

[#]Mention role of industry/organisation.

[#]Add rows as required. [#]Mention participating industry showing intent, financial commitment etc.





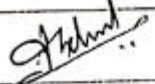

147

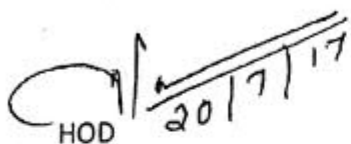
Budget Estimates


Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	Nil	Nil
Stationery, printing,	Nil	Nil	Nil	Nil
Travel, Stay and DA	Nil	Nil	Nil	Nil
Other(pls write each heading in each row)				
Total				0

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Abdul Nazer K. H	Mohammed Yasir C.A
Exact designation	Asst. Professor	Asst. Professor
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9496826794	9846590543
Email	ank.me@kmeacollege.ac.in	myr.me@kmeacollege.ac.in
Signature		

HOD  20/7/17



PRINCIPAL


DIRECTOR



Notice

This is to inform you that Mechanical department is conducting a Seminar on **Scope and Career in MEP Engineering** for final year Mechanical Engineering students on 19/08/2017. Interested students are requested to give their names to their mentors.


HOD
Principal

KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

	DEPARTMENT OF MECHANICAL ENGINEERING
Name of the Head of the Department	Dr. Bijesh Paul

Technical Field of proposal
Quality Assurance and Quality Control (QA/QC)

Title of proposal - Seminar
Scope and Career in QA/QC

Add rows as required

Abstract

Quality Assurance developed from the realisation that quality could be improved by looking 'further up the line'. It is aimed at preventing nonconformities/defects. QC This is the most basic level of quality. It started with activities whose purpose is to *control* the quality of products or services by finding problems and defects. The Certification Program covers wide range of topics and are not limited to Quality Control Only. This Course is crafted to meet the guidelines & standards of ASME, API, ASNT, ASQ, AWS, BS and ISO. BQC is a Higher Competent, Exclusive Accredited Certification Program for Fresh Engineers towards the above said Senior Quality Related Professions as an Internationally Accredited Certification.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience



Objectives: Awareness for students in

- Career opportunities in QA/QC
- Scope, role and responsibilities of QA/QC
- Brief introduction to the courses available in the field of QA/QC

Level of activity: regional

Target Audience: S7 students of Mechanical Engineering Department

Project Impact -Expected outcome - academic / social / commercial

Add rows as required

Academic: Better understanding for the students about the field which can aid to streamline their career outlook.

Programme details

Add rows as required

Date	Time	Activity	Venue	Infrastructural requirements and availability
19/08/2017	09:30- 04:10 12-30	LECTURE AND DEMONSTRATION	CONFERENCE HALL, PSTA	Seating capacity of 100 nos., projector.

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Mr. Shahz	Managing Director	Blitz Academy	LECTURE/ Demonstration

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment [*] In Rs.
NIL	-	-	-	-	-
Total Rs.					0/-

^sMention role of industry/organisation.

Add rows as required..

^{*}Attach copy of letters received from participating industry showing intent /financial commitment etc.





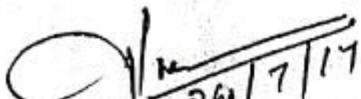
Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	Nil	Nil	Nil	Nil
Stationery, printing,	Nil	Nil	Nil	Nil
Travel, Stay and DA	Nil	Nil	Nil	Nil
Other(pls write each heading in each row)				
Total				

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Abdul Jaleel KT	Premkrishnan
Exact designation	Asst. Professor	Asst. Professor
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9447412841	9745069698
Email	jal.me@kmeacollege.ac.in	pmk.me@kmeacollege.ac.in
Signature		


HOD 24/7/17

PRINCIPAL




DIRECTOR

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KMEA ENGINEERING COLLEGE

Pro forma for submission of proposal under the scheme

WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	DEPARTMENT OF MECHANICAL ENGINEERING
Name of the Head of the Department	Mr. K.T ABDUL JALEEL

Technical Field of proposal

Computer aided design (CAD)

Title of proposal - Workshop Title

Computational fluid dynamics (CFD) Training program

Abstract

KMEA Engineering College can play an important role in realizing and providing problem specific assistance to industries, there by establishing centers of excellence in the area of "Design and Analysis". For an institution like ours it is important that programs which orient students towards the industrial approach in assimilating information are conducted alongside the academic curriculum so that a better groomed candidate ready to face the heat of fierce competition emerges after completion of four years of engineering. TTRC (Technology Training and Research Center) , an initiative of Airframe Aerodesigns Pvt Ltd. is aimed to build a system and to establish a framework where young graduates understand the market requirements so that they build up specific skill sets to address industrial objectives. The workshop designs and delivers adaptive and blending training curricula tailored to the needs of graduating students. In order to ascertain its objective, TTRC focus on interactive, systematic and holistic , action oriented and outcome based training on C.F.D, FLUENT.



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Objective and Level of activity (Regional / National / International) and target audience

Objective: The workshop is intended for giving basic idea on CFD theory along with hands on training on CFD- Design modeler (Modeling and Meshing), FLUENT.

Level of activity: Regional

Target audience: Final year students, Dept. of Mechanical Engineering

Project Impact -Expected outcome - academic / social / commercial

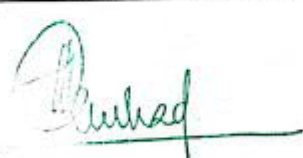
- Broadening the conceptual domain of students of Mechanical Engineering.
- To bridge the gap between industry and academia.
- Establish center of excellence in the specified field to enrich students and also provide problem specific assistance to industries.
- Apply the knowledge of CFD for the analysis of the final year projects.

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
15/01/2016, 16/01/2016, 18/01/2016, 19/01/2016, 31/01/2016, 05/02/2016, 06/02/2016, 12/02/2016, 13/02/2016, 14/02/2016.	9:00 AM to 4:00 PM	Lecture + demonstration + practicing on live projects	CAD Lab- Mechanical block	30 computers + Projector Facilities

Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.

Name	Address	Website	Contact person , designation, email	Roles in collaborating /participating	Financial commitment ^a In Rs.
Technology Training and Research Centre (TTRC)	#312, B Block, 4 th Floor, Connection Point, HAL Airport Exit Road, Bangalore	www.aapltrc.com	Jhonson V James, TTRC- Head Training Solutions, Cochin. infoh@aapltrc.com	Training assistance	124800/-
Total Rs.					124800/-




154

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
-Nil-					

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	124800/-	pls specify how you met ? -Nil-	-Nil-	-Nil-
Stationery, printing,				
Travel, Stay and DA				
Charges for infra-structure and other facilities	19200/-	-Nil-	-Nil-	-Nil-
Total	144000/-	-Nil-	-Nil-	-Nil-

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Abin Rasheed	Harris K Hassan
Exact designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9961060024	9605566336
Email	abin84@gmail.com	hkh.me@kmeacollege.ac.in
Signature		

HOD 
28/01/16


PRINCIPAL




DIRECTOR


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Notice

This is to inform you that Mechanical department is conducting a Workshop Training Programme on **Computational Fluid dynamics (CFD)** for students from 15/01/2016 & 14/02/2016. Interested students are requested to give their names to their respective mentors.



HOD



Principal

152

KMEA ENGINEERING COLLEGE

Pro forma for submission of proposal under the scheme

FACULTY DEVELOPMENT PROGRAMME

A Faculty Development Programme (FDP) is designed to

- Enhance the teaching and other skills.
- Make them aware about modern teaching tools and methodologies.
- Acquire knowledge about current technological developments in relevant fields.
- Impart professional practices relevant to technical education.
- Achieve competitive teaching and learning environment and
- Channelize development with respect to academic qualifications and personal matters.

Name of the Department	DEPARTMENT OF MECHANICAL ENGINEERING
Name of the Head of the Department	Mr. K.T ABDUL JALEEL

Technical Field of proposal

Institutional safety

Title of proposal

Fire and safety concerns in educational institutions

Abstract

The program will introduce participants to the fundamentals and practice of Fire Safety. Leading professionals and academicians will conduct the program. The workshop will emphasize codes, design of fire scenarios in buildings, emergency and evacuation planning, firefighting training, chemical and laboratory safety, fire investigations and case studies of different fire incidents in India and abroad. The program will also help participants understand the challenges and best practices in Fire Engineering.

Objective

The programme introduces and discusses the safety requirements, issues, hazards and their control in the educational institutions. It also discusses life saving techniques like CPR and first aid. The course will also provide the participants first-hand training on fire fighting.

Project Impact -Expected outcome

- To equip our self to handle research projects, consultancies and project implementation in the safety sector.
- Promoting awareness and undertaking public advocacy around safety.

Abdul



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Level of activity (Regional / National / International) and target audience

Level of activity: National

Target audience: This course is interdisciplinary in nature and is open to teachers from engineering colleges.

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
26/02/2016 27/02/2016	9:00 A.M To 4:00 P.M	Lecture + Demonstration + Firefighting Practices	Conference hall	Fire ground to demonstrate and practice fire fighting

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Dr. Mulari Tummarukudi	Head, disaster management	UNEP (United Nation Environment Program)	Keynote address
Mr. Naizu A.V	Deputy G.M, Safety dept.	BPCL	Speaker
Dr. Renjith V.R	Associate professor, Division of Safety and Fire Engineering	CUSAT	Speaker
Mr. Suresh Kumar	Safety Manager	FACT	Speaker
Mr. N.A Muhammed Kutty	Member	Kerala State Productivity Council	Speaker
Dr. Aneesh V.G	Medical Officer	Karunya Hospital, Vagamon	Speaker

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Roles in collaborating/ participating	Financial commitment in Rs.
Fire and Rescue Service Department, Kerala	Housing Board Junction , Trivandrum		hq.frs@kerala.gov.in	Mock drills and fire fighting training	10000/- (Anticipated amount)
Total Rs.					10000/-




Similar event organized by the Department earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/Govt Agencies, Rs.
-Nil-					

Budget Estimates

Head of expenditure (for 30 participants)	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance from funding agency.
Stationery	1500/-		-Nil-	-Nil-
Travel, Stay (Resource Persons)	2500/-			
Printing(Brochure,Certificates etc)+ flex	1000/-			
Refreshment and Food	6000/-			
Honorarium/Memento	10000/-			
Equipment for firefighting practices	9000/-			
Total	30000/-	30000/-		

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Sabith Umer	Abdul Nazer K.H
Exact designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9947922791	9496826794
Email	sab.me@kmeacollege.ac.in	ank.me@kmeacollege.ac.in
Signature		

HOD 
24/11/16


PRINCIPAL


DIRECTOR



Notice

This is to inform you that Mechanical department is conducting a Workshop for students and faculties on the topic **Fire & Safety Concerns in Educational Institutions** on 26/02/2016 & 27/02/2016. All are requested to attend


HOD




Principal

2/11/16

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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR

Name of the Department	MECHANICAL
Name of the Head of the Department	Mr. Abdul Jaleel K.T

Technical Field of proposal

Safety

Title of proposal - Seminar

Safety practices in confined spaces.

Abstract

Many factors need to be evaluated when looking for hazards in a confined space. There is smaller margin for error. An error in identifying or evaluating potential hazards can have more serious consequences. In some cases, the conditions in a confined space are always extremely hazardous. In other cases, conditions are life threatening under an unusual combination of circumstances. Many workers are injured and killed each year while working in confined spaces. An estimated 60% of the fatalities have been among the would-be rescuers. However, often it is argued that one needs more than good intentions to attempt rescue operations.

Safety rules and regulations have been widely ignored in our workplaces. Contractors and sub contractors just act as agents for counting the man hours and providing meager wages, where there is an immediate requirement for training of the laborers to ensure their safety themselves.

Objective and Level of activity (Regional / National / International) and target audience

Regional, Kubumbasree workers and other laborers

Project Impact -Expected outcome – academic / social / commercial

Social

Abdul Jaleel K.T



Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
25/02/2016	9.00A.M – 1.00P.M	Lecture & Demo	Conference Hall, PSTA Block	Projector

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Adv. K.B Abdul Muthalib/ Asha sanil	Secretary Vice putat	100-072 Rkm dist panchay ally	Inauguration
K.S George	Chairman	K.S.P.C	Keynote address
Representative	-	Fire force	Speaker

Profile of collaborating/participating Industry/s or professional body or other organization/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment ^s in Rs. .
-NIL-					
Total Rs.					

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to	Level	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.
-Nil-					

Budget Estimates


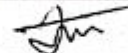
Head of expenditure	Anticipated expenditure	Budget by parent organization	External Sponsorships	Assistance requested from Council (R)
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Remuneration to speakers	3500			
Stationery, printing,	500			
Travel, Stay and DA	0			
Refreshment	1500			
Total	5500/-	5500/-		

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Mr. Sabith Umer	Mr. Ferguson Aissac Fredric
Exact designation	Asst. Prof.	Asst. Prof.
Department	ME	ME
Cell number	9947922791	8089244148
Email	sab.me@kmeacollege.ac.in	faf.me@kmeacollege.ac.in
Signature		


HOD 15/02/16

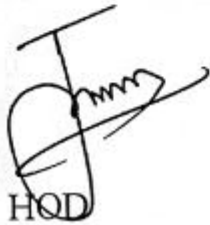

PRINCIPAL




DIRECTOR

Notice

This is to inform you that Mechanical department is conducting a Workshop for students and faculties on the topic **Safety Practices in confined space** on 25/02/2016. The class will be handled by representatives from Fire Force. All are requested to attend


HOD




Principal

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KMEA ENGINEERING COLLEGE
Ernakulam - 683561

TECHNOLOGY EMPOWERMENT PROGRAM CELL

EVENT REPORT

Date of event:	30-08-2016	Program Coordinators name and contact details:	ABDUL JALEEL KT Asst Prof ME department
Name of Event: Intra college quiz competition "KURUKSHETHRA"			
Organized by: Mechanical Department			
Sponsored by:			

1) Objective of the event

The prime motive behind this competition was nurturing elective vision in various streams of science and engineering.

2) Write a brief overview of the following sessions in min 8 sentences each

On behalf of department of mechanical engineering, an intra-college quiz competition "KURUKSHETHRA" was held on 30th August 2016.

The preliminary rounds of quiz competition "KURUKSHETHRA" was conducted in each class and four students were selected to the final round took place on August 30th 2016 and the following students backed 1st and 2nd prizes. The entire program was well organized and gained the appreciations from faculty as well as students.

1st prize: Mohammed Abith & Deena Mariya -S1 CS

2nd prize: Adil Bin Salim & Abeer KI - S5 CE

(Signature)



3) Consolidated feedback received from the participants

The entire program was well organized and gained the appreciations from faculty as well as students.

4) Conclusion and Outcome

The program was conducted effectively and the collective efforts from staffs as well as students were appreciable.

5) Recommendations or Suggestions, if any, for future events

Other attachments (in Original)

6) List of Participants (Name, Designation, Dept., Organization, Signature)

7) Attendance Sheet

8) Program Schedule

9) Expenditure Statement and Balance Sheet

10) Proceedings or Course Materials or Manuals prepared for the event (1 No.)

11) Brochures and Flyers, designed for the event (1 No.)

Program Coordinators

Name: ABDUL JALEEL KT

Signature: 

TEP Cell Dept. Coordinators

1. Name: JIYAD KM

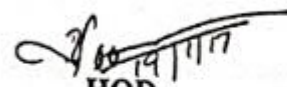
Signature: 

2. Name:

Signature:






HOD
Name: Dr. Bijesh Paul
Signature:

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Amount

Sl No	Date of Bill	Details of Income	Amount
1		Advance Amount from college	
2		Workshop Registration Fees	
3		Idea Competition Registration Fees	
4		Priize Money from Office	
		you can enter according to your need any external support	
		Total	

1800

Quibed

August - 30th - 2016.

Preliminary round: Conducted on 25th, 26th & 29th Aug-16.
Selected Two students from
each class (two groups).

Final round = on Aug 30th.

Round I = 9 am - 10 am.

Round II = 10 am - 12.30 pm

Santhosh





2/19/16 168

KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	MECHANICAL DEPARTMENT
Name of the Head of the Department	PROF. JOSEPH V.A

Technical Field of proposal

In this proposal included technical and general awareness

Title of proposal - Seminar / Symposium / Workshop Title

KURUKSHETHRA

Add rows as required

Abstract

The proposal is an intra-college quiz program. Two team from each class can participate. In each group maximum of two members. The program contain two sessions, preliminary round and final round. Top eight teams from preliminary round will eligible for final round. Areas of questions will be from general knowledge, science and technology.

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

In house



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Add rows as required

Project Impact - Expected outcome - academic / social / commercial

Improve the general awareness and technical knowledge

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
17-08-16	9 am-12:30 pm	Preliminary round	B-Block drawing hall	Projector, sound system
		Final round	Conference hall	Projector, sound system

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Nil			Keynote address / Chairing sessions / Speaker / Advisors / Reviewers / Sponsor

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ⁵ in collaborating/participating	Financial commitment ⁶ in Rs.
Nil					
Total Rs.					

⁵Mention role of industry/organisation.

Add rows as required..

⁶Attach copy of letters received from participating industry showing intent / financial commitment etc.

Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body Involved, If any	Grant/Fund received by AICTE/GOVT Agencies Rs.

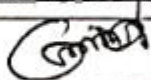

Add rows as required.

Budget Estimates

Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,	100			
Travel, Stay and DA				
Other (Trophy) 6 Nos	3000			
Total	3000			

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	ABDUL JALEEL K.T	SREEJITH T.S
Exact designation	Asst. Prof	Asst. Prof
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9447412841	9048461966
Email	Jal.me@kmeacollege.ac.in	Srt.me@kmeacollege.ac.in
Signature		

HOD



PRINCIPAL



DIRECTOR

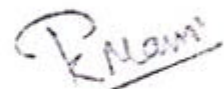


Notice

This is to inform you that Mechanical department is conducting an Intra College quiz programme- **Kurukeshtra** on 30/08/2016 at Conference Hall PSTA Block. Preliminary round will be conducted on 25th, 28th and 29th of August 2016. 2 teams from each class can participate. In each group maximum of 2 members are only allowed. Interested students shall give their names to their respective Mentors.



HOD



Principal

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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	MECHANICAL ENGINEERING
Name of the Head of the Department	MR. JOSEPH V A

Technical Field of proposal
COMPUTATIONAL FLUID DYNAMICS

Title of proposal Workshop Title
An Introduction to OpenFOAM CFD Software

Add rows as required

Abstract

OpenFOAM is an open source CFD software. The applications fall into two categories: solvers, that are each designed to solve a specific problem in continuum mechanics; and utilities, that are designed to perform tasks that involve data manipulation. One of the strengths of OpenFOAM is that new solvers and utilities can be created by its users with some pre-requisite knowledge of the underlying method, physics and programming techniques involved.

Add rows as required

Objective and Level of activity

The field of CFD has seen tremendous growth in the last two decades and its usage is still expanding into many fields of science and engineering, this workshop will have a real impact among the researchers and students community.



1



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The objective of the workshop is to create awareness among engineering students about one of the most challenging and growing field of CFD and to impart basic knowledge on OpenFOAM CFD software. This course will cover the PDEs in fluid dynamics finite difference and Finite volume discretization methods.

Target audience : Final year Mechanical engineering students

Maximum 40 participants

Project Impact -Expected outcome - academic

Add rows as required

Through the workshop the students will be acquainted with the basics of CFD, its applications in different domains. The workshop can create interest in students in modeling and analyzing fluid mechanics and heat transfer problems.

Speakers

Add rows as required

Name	Designation	Organization	Activity
Mr. Haris P A, Mr. Vivek Haris	Assistant Professor	KMEA Engg College	PPT Presentation on Introduction to CFD Hands on session on CFD Program

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
29/08/2016 to 05/09/2016 (5 days)	3.30 PM to 4.15 PM	Software Training	ME - CAD LAB	Lab instructor for installation and management , Ubuntu Software, Headphones, Portable speaker,
05/09/2016 to 09/09/2016 (5 days)	3.30 PM to 4.15 PM	Software Training	ME - CAD LAB	Lab instructor for installation and management , Ubuntu Software, Headphones, Portable speaker,

Add rows as required



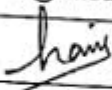
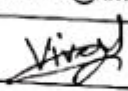
Budget Estimates

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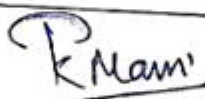
Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers	0			
Stationery, printing, Certificates	1000			
Refreshment for speakers	500			
Other (pls write each heading in each row)	0			
Total	1500			

Add rows as required.
Max assistance 3 Lakhs

Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Mr. Haris P A	Mr. Vivek Haris
Exact designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9496462569	9496325249
Email	hpa.me@kmeacollege.ac.in	Vkh.me@kmeacollege.ac.in
Signature		


HOD


PRINCIPAL


DIRECTOR



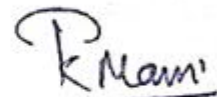
125

Notice

This is to inform you that Mechanical department is conducting a workshop on **An Introduction to Open FOAM CFD Software** for Final year Mechanical students on 29/08/2016 – 02/09/2016 at CAD Lab. All are requested to attend.



HOD



Principal

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KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

SEMINAR, SYMPOSIUM AND WORKSHOP

The Scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preference shall be given to topics of interdisciplinary nature, emerging and thrust areas in Technical Education.

Name of the Department	Mechanical Engineering
Name of the Head of the Department	Prof. Joseph V A

Technical Field of proposal
Presentation/Report Drafting

Title of proposal - Seminar / Symposium / Workshop Title
A Brief Introduction to LaTeX

Add rows as required

Abstract
LaTeX is a document preparation system which can be used by students for the preparation of their Seminar/Project Reports

Add rows as required

Objective and Level of activity (Regional / National / International) and target audience

Make students familiar with the usage of LaTeX and enable them to prepare their Seminar/Project reports using LaTeX. (Regional). Target Audience- Students

Add rows as required





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Project Impact -Expected outcome - academic / social / commercial
Academic - Make the students familiar with LaTeX

Add rows as required

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
2- Sep- 2016	9am-4pm	Demonstration regarding usage of LaTeX	Cad Lab	1 White Board

Add rows as required

Eminent personalities expected to participate

Name	Designation	Organization	Activity
Vivek Harris	Asst. Professor	KMEA Engineering College	A day long class to make the students familiar with LaTeX

Add rows as required

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment ^a in Rs.
Total Rs.					

^aMention role of industry/organisation.
Add rows as required.

^aAttach copy of letter / received from participating industry showing intent / financial commitment etc.

[Signature]



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Similar event organized by the Institute earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/GOVT Agencies Rs.

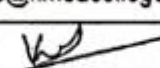
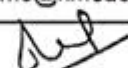
Add rows as required

Budget Estimates


Head of expenditure	Anticipated expenditure	Budget by parent organisation	External Sponsorships	Assistance requested from Council (R)
Remuneration to speakers				
Stationery, printing,				
Travel, Stay and DA				
Other(pls write each heading in each row)				
Total				

Add rows as required
Max assistance 3 Lacs

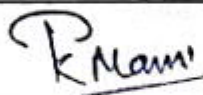
Details of Coordinators

	Coordinator 1	Coordinator 2
Name	Vivek Harris	Permkrishnan P
Exact designation	Assistant Professor	Assistant Professor
Department	Mechanical Engineering	Mechanical Engineering
Cell number	9496325249	8301859951
Email	vkx.me@kmeacollege.ac.in	pmk.me@kmeacollege.ac.in
Signature		

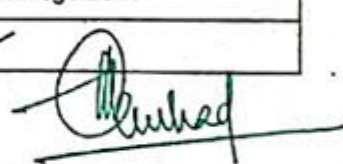
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11/8/16

PRINCIPAL



DIRECTOR





Notice

This is to inform you that Mechanical department is conducting a workshop on **A Brief Introduction to LaTeX** for Final year Mechanical students on 02/09/2016 at CAD Lab. All final year Mechanical Engineering students are requested to attend.


HOD


Principal



2/19/16

KMEA ENGINEERING COLLEGE

Proforma for submission of proposal under the scheme

FACULTY DEVELOPMENT PROGRAMME

180

A Faculty Development Programme (FDP) is designed to

- enhance the teaching and other skills.
- make them aware about modern teaching tools and methodologies.
- acquire knowledge about current technological developments in relevant fields.
- impart professional practices relevant to technical education.
- achieve competitive teaching and learning environment and
- channelize development with respect to academic qualifications and personal matters.

Name of the Department	Mechanical
Name of the Head of the Department	Joseph V.A

Technical Field of proposal
Numerical methods

Title of proposal
Numerical methods in mechanical engineering

Abstract

The course introduces a variety of basic numerical analysis methods that can be used to solve mechanical engineering problems. The emphasis is on applications of these techniques using a mathematical software package such as Matlab. Examples will be drawn from a variety of mechanical engineering problems, including heat transfer, vibrations, dynamics, fluid mechanics, etc. Topics include nonlinear algebraic equations, sets of linear algebraic equations, boundary value problems, interpolation, curve fitting, ordinary differential equations, and partial differential equations.

Objective

1. Introduce the faculty to the classical and modern numerical methods available for engineering problem solving.
2. Familiarize with the computer as an engineering tool and to improve programming skills
3. Emphasize fundamental understanding of the methods.
4. Importance of errors associated with scientific computing.



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Project Impact -Expected outcome

1. Ability to apply knowledge of mathematics, science & engineering
2. Ability to identify, formulate, and solve engineering problems using numerical methods

Level of activity (Regional / National / International) and target audience

Regional

Programme details

Date	Time	Activity	Venue	Infrastructural requirements and availability
23-9-2016	9.30 am 12.30 noon	Lecture	Conference Hall	

Eminent personalities expected to participate

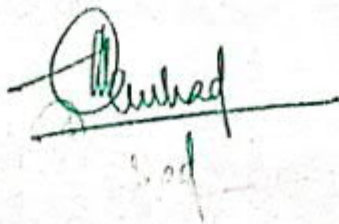
Name	Designation	Organization	Activity
N.Biju	Associate professor	School of engineering Cusat	Keynote address

Profile of collaborating/participating Industry/s or professional body or other organisation/s, if any.

Name	Address	Website	Contact person , designation, email	Role ^s in collaborating/participating	Financial commitment ^a in Rs.
Total Rs.					

Similar event organized by the Department earlier, if any.

Title of the activity	Subject	Date from- to (Latest first)	Level (Regional / National / International)	Name of by external body involved, if any	Grant/Fund received by AICTE/Govt Agencies, Rs.





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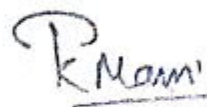


Notice

This is to inform you that Mechanical department is conducting a Seminar on **Numerical Methods in Mechanical Engineering** for students on 23/09/2016. Interested students are requested to give their names to their respective mentors.



HOD



Principal

