NATIONAL BOARD OF ACCREDITATION

Data Capturing Points of the Program Applied for NBA Accreditation– Tier I/II UG (Engineering) Institute Programs

PART-A: Profile of the Institute

Name of the Program Applied for: B. Tech Computer Science and Engineering

A1: Name of the Institute: - KMEA ENGINEERING COLLEGE

Year of Establishment: 2002 Location of the Institute: Kerala

A2: Institute Address: - KUZHIVELIPADY, EDATHALA P.O., ALUVA

City: Kochi State: Kerala

Pin Code: 683561 Website: kmeacollege.ac.in

E-mail: principal@kmeacollege.ac.in Phone No (with STD Code): 0484 2411003

A3: Name and Address of the Affiliating University (If any): -

Name of the University: APJ Abdul Kalam Technological University City: Thiruvananthapuram

State: Kerala Pin Code: 695016

A4: Type of the Institution: - (Tick the applicable choice)

Institute of National Importance	☐	Deemed University	☐
University	☐	Autonomous	☑
Non-Autonomous (Affiliated)	☐	Any other (Please specify) *	☐

***Provide Details:** UGC conferred autonomous status for a period of 5 years from the academic year 2025-26 to 2029-30

A5: Ownership Status: - (Tick the applicable choice)

Central Government	☐	State Government	☐
Government Aided	☐	Self-financing	☑
Any Other (Please specify) *	☐		

***Provide Details:** _____

A6: Details of all Programs being Offered by the Institution: -

❖ No. of UG programs: **8**

❖ No. of PG programs: 6

Table No. A6.1: List of all programs offered by the Institute.

SN.	Level of program (UG/PG)	Discipline	Year of Start	Year of close*	Name of the Department
1	PG	COMPUTER APPLICATION	2024	-	COMPUTER SCIENCE AND ENGINEERING
2	UG	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	2024	-	COMPUTER SCIENCE AND ENGINEERING
3	UG	CIVIL ENGINEERING	2008	-	CIVIL ENGINEERING
4	PG	COMMUNICATION ENGINEERING	2011	-	ELECTRONICS AND COMMUNICATION ENGINEERING
5	PG	COMPUTER AIDED STRUCTURE ENGINEERING	2012	-	CIVIL ENGINEERING
6	PG	COMPUTER SCIENCE AND ENGINEERING	2011	-	COMPUTER SCIENCE AND ENGINEERING
7	UG	COMPUTER SCIENCE AND ENGINEERING	2002	-	COMPUTER SCIENCE AND ENGINEERING
8	UG	ELECTRICAL AND ELECTRONICS ENGINEERING	2009	-	ELECTRICAL AND ELECTRONICS ENGINEERING
9	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	2002	-	ELECTRONICS AND COMMUNICATION ENGINEERING
10	PG	INDUSTRIAL ENGINEERING AND MANAGEMENT	2024	-	MECHANIAL ENGINEERING
11	UG	MECHANICAL ENGINEERING	2010	-	MECHANICAL ENGINEERING
12	PG	POWER ELECTRONICS	2013	-	ELECTRICAL AND ELECTRONICS ENGINEERING
13	UG	ROBOTICS AND AUTOMATION	2023	-	ELECTRONICS AND COMMUNICATION
14	UG	SAFETY AND FIRE ENGINEERING	2023	-	SAFETY AND FIRE ENGINEERING

A7:Programs to be considered for Accreditation vide this Application:

Table No. A7.1: List of programs to be considered for accreditation.

Cluster ID.	Name of the Department	Name of the Program
1.	ELECTRICAL AND ELECTRONICS ENGINEERING	ELECTRICAL AND ELECTRONICS ENGINEERING
2.	MECHANICAL ENGINEERING	MECHANICAL ENGINEERING
3.	COMPUTER SCIENCE AND ENGINEERING	COMPUTER SCIENCE AND ENGINEERING
4.	CIVIL ENGINEERING	CIVIL ENGINEERING
5.	ELECTRONICS AND COMMUNICATION ENGINEERING	ELECTRONICS AND COMMUNICATION ENGINEERING

Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as above.

Cluster ID.	Name of the Department (in table no. A7.1)	Name of allied Departments/Cluster (for table no. A7.1)
1.	COMPUTER SCIENCE AND ENGINEERING	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

PART-B: Program information

(Data to be filled in for the program applied for Accreditation)

B1:Provide the Required Information for the Program Applied For: -

Table No. B1: Program details.

S.N.	Programe Name	Year of start	Sanctioned Intake	Increase / decrease in intake, if any	Year of increase / decrease	AICTE Approval Details	Accredition Status*	No. of times program accredited
1	COMPUTER SCIENCE AND ENGINEERING	2002	60	YES	2025	44642226319 /2025/EOA	Granted accreditation for 3 years for the period (2023 - 2026)	1

* Write applicable one:

- ❖ Applying first time
- ❖ Granted accreditation for 2/3 years for the period (specify period)
- ❖ Granted accreditation for 5/6 years for the period (specify period)
- ❖ Not accredited (specify visit dates, year).
- ❖ Withdrawn (specify visit dates, year)
- ❖ Not eligible for accreditation.

B2:Detail of Head of the Department for the program under consideration:

A. **Name of the HoD : Dr. BENAZIR K K**

B. **Nature of appointment: (Tick the applicable choice)**

- ❖ **Regular** ☑
- ❖ **Contract** ☐
- ❖ **Ad hoc** ☐

C. **Qualification: (Tick the applicable choice)**

- ❖ **Ph.D.** ☑
- ❖ **ME/M.Tech** ☐
- ❖ **Any other*** ☐

Please provide details

B3:Program Details

Table No.B3.1: Admission details for the program excluding those admitted through multiple entry and exit points.

Item (Information is to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY	CAY m1	CAY m2	CAY m3	CAYm4 (LYG)	CAYm5 (LYGm1)	CAYm6 (LYGm2)
N= Sanctioned intake of the program (as per AICTE /Competent authority)	180	120	120	60	60	60	60
N1= Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	165	120	109	60	60	60	60
N2= Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	8	11	2	3	1	4
N3= Separate division if any	0	0	0	0	0	0	0
N4= Total no. of students admitted in the 1st year via all supernumerary quotas	9	6	6	2	3	3	2
Total number of students admitted in the program (N1 + N2 + N3+ N4) - excluding those admitted through multiple entry and exit points.	174	134	126	64	66	64	66

CAY= Current Academic Year.
CAYm1= Current Academic Year Minus 1
CAYm2= Current Academic Year Minus 2.
LYG= Last Year Graduate.
LYGm1= Last Year Graduate Minus 1.
LYGm2= Last Year Graduate Minus 2.

B4:Enrolment Ratio in the First YearTable No. B4.1: Student enrolment ratio in the 1st year

Item (Students enrolled in the First Year on average over3 academic years (CAY, CAYm1, and CAYm2))	**2025-26 (CAY)**	**2024-25 (CAYm1)**	**2023-24 (CAYm2)**
N= Sanctioned intake of the program in the 1st year (as per AICTE/Competent authority)	180	120	120
N1= Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	165	120	109
N4= Total no. of students admitted in the 1st year via all supernumerary quotas	9	6	6
Enrolment Ratio (ER)= (N1+N4)/N	96.67	105.00	95.83
Average ER= (ER_1+ ER_2+ ER_3)/3	99.17		

B5:Success Rate of the Students in the Stipulated Period of the Program

Table No.B5.1: The success rate in the stipulated period of a program.

Item	**2021-22 (LYG)**	**2020-21 (LYGm1)**	**2019-20 (LYGm2)**
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	63	61	64
B=No. of students who graduated from the program in the stipulated course duration	39	54	50
Success Rate (SR)= (B/A)*100	61.90	88.52	78.12
Average SR of three batches ((SR_1+SR_2+ SR_3)/3)	76.18		

Note *: If the value of A in Table No. B5.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of A in Table No.B5.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No.B3.1.

B6: Academic Performance of the First-Year Students of the Program

Table No.B6.1: Academic Performance of the First-Year Students of the Program.

Academic Performance	CAYm1	CAYm2	CAYm3
X= (Mean of 1st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1st year/10)	7.25	7.20	7.02
Y= Total no. of successful students	85	48	49
Z = Total no. of students appeared in the examination	125	115	62
API = X* (Y/Z)	4.97	2.88	5.71
Average API = (API_1 + API_2 + API_3)/3	4.52		

B7: Academic Performance of the Second Year Students of the Program

Table No.B7.1: Academic Performance of the Second Year Students of the Program.

Academic Performance	CAYm1	CAYm2	CAYm3
X= (Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2rd year/10)	7.28	7.20	7.02
Y= Total no. of successful students	53	49	41
Z =Total no. of students appeared in the examination	59	51	42
API = X* (Y/Z)	6.54	6.92	6.85
Average API = (API_1 + API_2 + API_3)/3	6.77		

B8: Academic Performance of the Third Year Students of the Program

Table No.B8.1: Academic Performance of the Third Year Students of the Program

Academic Performance	CAYm1	CAYm2	CAYm3
X= (Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	7.40	6.92	7.12
Y= Total no. of successful students	46	39	54
Z= Total no. of students appeared in the examination	49	41	55
API = X* (Y/Z)	6.95	6.58	6.99
Average API = (API_1 + API_2 + API_3)/3	6.84		

B9:Placement, Higher Studies, and Entrepreneurship

Table No.B9.1: Placement, higher studies, and entrepreneurship details.

Item	LYG	LYGm1	LYGm2
FS*=Total no. of final year students	63	61	64
X= No. of students placed	50	48	50
Y= No. of students admitted to higher studies	1	2	5
Z= No. of students taking up entrepreneurship	1	7	1
X + Y + Z =	115	118	120
Placement Index (P) = (((X + Y + Z)/FS) * 100)	82.54	93.44	87.50
Average placement index = (P_1 + P_2 + P_3)/3	87.83		

Note ***:** If the value of FS in Table No. B9.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of FS in Table No. B9.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No.B3.1

PART C: Faculty Details in Department and Allied Departments

(Data to be filled in for the **Department and Allied Departments**)

C1: Faculty details of Department and Allied Departments

S.N.	Name of the faculty	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	If contractual mention Full time or (Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is "No")
1	Dr. AmarNishad T M	Ph.D	NIT Calicut	Digital Image Computing	01/06/2015	10.6	Professor	Professor	01/06/2015	Regular		Y	
2	Dr. Rekha Lakshmanan	Ph.D	Cochin University of Science and Technology	Digital Image Processing	02/06/2003	22.6	Assistant Professor	Professor	02/12/2021	Regular		Y	
3	Dr. Benazir K K	Ph.D	Mahatma Gandhi University	Digital Image Processing	12/07/2023	2.5	Professor	Professor	12/07/2023	Regular		Y	
4.	Veena K. Viswam	ME	Anna University, Chennai	Computer Science and Engineering	08/10/2007	18.2	Assistant Professor	Assistant Professor	NIL	Regular		Y	
5	Abeera V P	M.Tech	Amrita University	Computational Engineering And Networking	02/08/2010	15.4	Assistant Professor	Assistant Professor	NIL	Regular		Y	

6.	Vidya hari	M.Tech	IGNOU	Information systems security	06/06/2005	20.6	Assistant Professor	Assistant Professor	NIL	Regular		Y	
7	Elia Nibia	M.Tech	Karunya University	Computer Science and Engineering	08/09/2011	14.3	Assistant Professor	Assistant Professor	NIL	Regular		Y	
8	Lija Joy	M. Tech	M G University	Computer Science and Engineering	01/04/2022	3.8	Assistant Professor	Assistant Professor	Nil	Regular		Y	
9	Fasalul Faseeh K A	M. Tech	Kerala University	Computer Science and Engineering	02/12/2022	3	Assistant Professor	Assistant Professor	Nil	Regular		Y	
10	Saifa E M	M. Tech	CUSAT	Computer and Information Science	01/11/2023	2.1	Assistant Professor	Assistant Professor	Nil	Regular		Y	
11	Munshidha K K	M. Tech	M G University	Cyber Security	20/11/2023	2	Assistant Professor	Assistant Professor	Nil	Regular		Y	
12	Sira Salim	M. Tech	M G University	Computer Science and Information Systems	29/01/2024	1.10	Assistant Professor	Assistant Professor	Nil	Regular		Y	
13	Aneesha K K	M.E	Anna University	Computer Science and Engineering	14/02/2024	1.10	Assistant Professor	Assistant Professor	Nil	Regular		Y	
14	Sulaikha C M	M.Tech	A P J Abdul kalam kerala technological university	Computer science and Engineering	17/07/2024	1.4	Assistant Professor	Assistant Professor	NIL	Regular		Y	

15	Sajina Salim	M.Tech	CUSAT	Software Engineering	17/07/2024	1.4	Assistant Professor	Assistant Professor	NIL	Regular		Y	
16	Shabana Vathelil Subair	M.Tech	MG University	Cyber Security	17/07/2024	1.4	Assistant Professor	Assistant Professor	NIL	Regular		Y	
17	Selin M	M.Tech	Kerala University	Digital Image Processing	09/11/2004	18.11	Assistant Professor	Associate Professor	02/08/2010	Regular		N	09/10/2023
18	Ajmal EB	M.Tech	Kerala University	Computer Science and Engineering	06/05/2019	4.5	Assistant Professor	Assistant Professor	NIL	Regular		N	09/10/2023
19	Shyni Shajahan	Ph.D	Noorul Islam Centre for Higher Education	Image Processing	01/11/2021	2.5	Assistant Professor	Assistant Professor	NIL	Regular		N	30/04/2024
20	Sumayya P.I	M.Tech	MG University	Computer Science and Engineering	17/07/2024	1.4	Assistant Professor	Assistant Professor	NIL	Regular		Y	
21	Namitha Shajan	M.Tech	Calicut University	Computer Science and Engineering	01/08/2024	1.4	Assistant Professor	Assistant Professor	NIL	Regular		Y	
22	Shereena sherif	M.Tech	A P J Abdul kalam kerala technological university	Computer Science and Engineering	01/07/2025	0.5	Assistant professor	Assistant Professor	NIL	Regular		Y	
23	Sajeena M.K	ME	ANNA university	Computer Science and Engineering	02/07/2025	0.5	Assistant Professor	Assistant Professor	NIL	REGUL AR		Y	

24	Nisha Mol P E	M.Tech	CUSAT	Computer Science and Engineering	01/07/2025	0.5	Assistant Professor	Assistant Professor	NIL	REGUL AR		Y	
25	Sreelakshmi T R	M.Tech	CUSAT	Computer Science and Engineering	10/12/2025	0	Assistant Professor	Assistant Professor	NIL	REGUL AR		Y	
26	Shahida K K	M.Tech	KTU	Computer Science and Engineering	8/12/2025	0	Assistant Professor	Assistant Professor	NIL	REGULAR		Y	
27	Sheena Kurian K	M.Tech	CUSAT	Computer and Information Science	01/07/2011	12.11	Assistant Professor	Assistant Professor	NIL	REGULAR		N	12/06/2024

Table No.C2: Faculty details of Allied Departments for the past 3 years including CAY

S.N.	Name of the faculty	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	If contractual mention Full time or (Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is "No")
1.	Nafla Iqbal	M.Tech	KTU	Computer Science and Engineering	01/07/2025	0	Assistant Professor	Assistant Professor	nil	REGULAR		y	
2.	Dr. Rafeek T	Ph.D	IIT DELHI	Medical Imaging	05/02/2025	0.10	Associate Professor	Associate Professor	05/02/2025	REGULAR		n	11/12/2025

C2 : Student-Faculty Ratio (SFR)

- ❖ No. of UG(Engineering) programs in Department including allied departments/ clusters (UG_n):
- ➢ UG_1=1st UG program
- ➢ UG_n=n^{th} UG program
- **B=** No. of Students in UG 2nd year (**ST**)
- **C=** No. of Students in UG 3rd year (**ST**)
- **D=** No. of Students in UG 4th year (**ST**)
- ➢ No. of PG (Engineering) programs in Department including allied departments/ clusters (PG_m):
- ➢ PG_1=1st PG program.
- ➢ PG_m=m^{th} PG program
- **A=** No. of Students in PG 1st year
- **B=** No. of Students in PG 2nd year
- ❖ Student Faculty Ratio (**SFR**) = S/F
- ➢ **S**= No. of students of all programs in the Department including all students of allied departments/clusters.
- **No. of students (ST)=**Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)
- Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are **exempted**.
- ➢ **F**=Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

Table No.C2.1: Student-faculty ratio.

Year	CAY	CAYm1	CAYm2
UG_1. B// 2nd year students of UG_1 program	128	131	62
UG_1. C// 3rd year students of UG_1 program	131	62	63
UG_1. D// 4th year students of UG_1 program	62	63	61
UG_1// Total no.of students(2nd, 3rd, 4th) in UG_1 COMPUTER SCIENCE AND ENGINEERING	321	256	186
UG_2. B// 2nd year students of UG_n program	30	0	0
UG_2. C// 3nd year students of UG_n program	0	0	0
UG_2 D// 4th year students of UG_n program	0	0	0
UG_2// Total no.of students(2nd, 3rd, 4th) in UG_2 COMPUTER SCIENCE AND ENGINEERING	30	0	0
PG_1. A// 1st year students of PG_1 program	12	12	18
PG_1. B// 2nd year students of PG_1 program	12	18	18
PG_1// Total no.of students(1st, 2nd) in PG_1 COMPUTER SCIENCE AND ENGINEERING	24	30	36
DS=Total no. of students in all UG and PG programs in the Department	345	286	222
AS=Total no. of students of all UG and PG programs in allied departments	30	0	0
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 375	S2= 286	S3=222
DF=Total no. of faculty members in the Department	21	18	11
AF= Total no. of faculty members in the allied Departments	1	0	0
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1=22	F2=18	F3=11
FF=The faculty members in F who have a 100% teaching load in the first-year courses	3	2	1
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 19.74	SFR2=17. 88	SFR3=2 2.20
Average SFR for 3 years	Average SFR= 19.94		

C3: Faculty Qualification

Faculty qualification index (FQI) = 2.5 * [(10X +4Y)/RF] where
X=No. of faculty members with Ph.D. degree or equivalent as per AICTE/UGC norms.
Y=No. of faculty members with M. Tech. or ME degree or equivalent as per AICTE/ UGC norms.
RF=No. of required faculty in the Department including allied Departments to adhere to the 20:1

Student-Faculty ratio, with calculations based on both student numbers and faculty requirements as per section C2 of this documents: (RF=S/20).

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQI= 2.5 * [(10X +4Y)/RF]
CAY(2025-26)	3	19	18	14.72
CAYm1(2024-25)	3	15	14	16.07
CAYm2(2023-24)	3	8	11	14.09

C4:Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
  - RF1= No. of Professors required = 1/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents:.
  - RF2= No. of Associate Professors required = 2/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:.
  - RF3= No. of Assistant Professors required = 6/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:.
- Faculty cadre and qualification and experience should be as per AICTE/UGC norms.

Table No.C4.1: Faculty cadre proportion details.

Year	Professors		AssociateProfessors		Assistant Professors	
	Required Faculty(RF1)	Available Faculty(AF1)	Required Faculty(RF2)	Available Faculty(AF2)	Required Faculty(RF3)	Available Faculty(AF3)
2025-26	2	3	4	0	12	19
2024-25	1	3	3	0	9	15
2023-24	1	3	2	0	7	8
Average Numbers	RF1=1.33	AF1=3	RF2=3	AF2=0	RF3=9.33	AF3=14

C5:Visiting/Adjunct Faculty/Professor of Practice

Table No. C5.1: List of visiting/adjunct faculty/professor of practice and their teaching and practical loads.

S.N.	Name of the Person	Designation & Organization	Name of the Course	No. of hours handled
CAYm1				
1	Mr. Safeer Sayed	Senior Software ,Pearlsoft Technologies LLP	UCEST105 Algorithmic Thinking with Python	32

2	Mr. Safeer Sayed	Senior Software ,Pearlsoft Technologies LLP	GXEST204 Programming in C	24
Total no. of hours:				56
CAYm2				
1	Mr. Safeer Sayed	Senior Software ,Pearlsoft Technologies LLP	EST102 Programming in C	28
2	Mr. Safeer Sayed	Senior Software ,Pearlsoft Technologies LLP	CST205 Object Oriented Programming using JAVA	26
Total no. of hours:				54
CAYm3				
1	Ms. Maya Menon	Founder(CEO),Mind Empowered & Network Consultant- StratG	CST309 Management of Software Systems	30
2	Ms. Maya Menon	Founder(CEO),Mind Empowered & Network Consultant- StratG	CST433 - Security in Computing	22
Total no. of hours:				52

C6:Academic Research

S.N.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	12	2	4
2	No. of peer reviewed conference papers published	1	9	3
3	No. of books/book chapters published	0	0	0

Table No. C6.1: Faculty publication details.

C7:Sponsored Research Project

S.N.	PI name	Co-PI Names if any	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
CAYm1							
1							
Amount received (Rs.)							
CAYm2							
1							
Amount received (Rs.)							
CAYm3							
1							
Amount received (Rs.)							
Total Amount (Lacs) Received for the Past 3 Years							NIL

Table No. C7.1: List of sponsored research projects received from external agencies.

C8:Consultancy Work

S.N.	PI name	Co-PI Names if any	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
CAYm1							
1							
Amount received (Rs.)							
CAYm2							
1							
Amount received (Rs.)							
CAYm3							
1							
Amount received (Rs.)							
Total Amount (Lacs) Received for the Past 3 Years							NIL

Table No. C8.1: List of consultancy projects received from external agencies.

C9:Institution Seed Money or Internal Research Grant to its Faculty for Research Work

Table No. C9.1: List of faculty members received seed money or internal research grant from the Institution.

S.N.	Faculty name	Project title/ Support for Activity	Duration	Amount (Lacs)	Amount Utilized (Lacs)	Outcomes of the project
CAYm1						
1						
..						
Amount received (Rs.)						
CAYm2						
1						
..						
Amount received (Rs.)						
CAYm3						
1						
..						
Amount received (Rs.)						
Total amount (Lacs) received for the past 3 years					0	

PART-D: Laboratory Infrastructure in the Department

(Data to be filled in for the Department).

D1:Adequate and Well-Equipped Laboratories, and Technical Manpower

Table No.D1.1: List of laboratories and technical manpower.

S.N.	Name of the Laboratory	No. of students per setup (Batch Size)	Name of the major equipment	Weekly utilization status (all the courses for which the lab is utilized)	Technical Manpower support		
					Name of the technical staff	Designation	Qualification
1.	PROGRAMMING LAB	33	Dell Vostro 3671, Windows 10 64 bit Core i3,128 SSD, 1TB HDD,Monitor 4GB Memory	18 TO 20 HOURS	ANJU P KRISHNAN	TECHNICAL STAFF	DIPLOMA IN COMPUTER APPLICATION
2	LINUX LAB	35	Hp Pro 280 G6,Ubuntu 20.0.4 Core i3 8GB RAM 512GB SSD 19.5” Monitor	22 TO 25 HOURS	FAREEDA BEEGUM	TECHNICAL STAFF	MCA
3	CCF1	33	Dell Optiplex & Hp Pro 280 G9 Windows 11 & Ubuntu 22, Core i3,512 SSD, Monitor 8GB Memory	30 TO 33 HOURS	HASEENA K M	TECHNICAL STAFF	DIPLOMA IN COMPUTER APPLICATION
4	CCF2	33	Dell Vostro & Hp Pro 280 G6,G9 Ubuntu 22, Core i3, 1TB HDD,Monitor 4GB Memory	28 TO 30 HOURS	SREEDEVI S	TECHNICAL STAFF	B.TECH
5	CCF3	65	Windows – 65 Core i3, 8GB RAM, 512 GB SSD.	26B T0 27 HOURS	RAMSHAD CA, MOHAMMED ANAS	TECHNICAL STAFF	DIPLOMA

D2: Safety Measures in Laboratories

Table No. D2.1: List of various safety measures in laboratories.

S.N.	Name of the Laboratory	Safety measures
1.	PROGRAMMING LAB	• Network and Data Security: ➔ Firewalls, antivirus software, and other security measures are installed to protect against malware and unauthorized access. ➔ Strong password policies are implemented. • Electrical Safety: ➔ Uninterruptible power supplies (UPS) are installed to protect computers from power surges and outages. ➔ Proper earthing is maintained. • Ergonomics and Workspace Safety: ➔ Adjustable chairs to promote good posture and to ease your back. ➔ Adequate lighting to reduce eye strain. • Fire Safety: ➔ Fire extinguishers are kept in easily accessible locations. ➔ Electrical outlets and wirings are checked periodically to ensure that they are in good condition and not overloaded. • Equipment Safety: ➔ Computer equipment is regularly cleaned to prevent the buildup of dust and debris. ➔ Computer cables are tied-up securely to avoid tangling of cables. ➔ Shutdown the computer after use. •Personal Safety: ➔ Consumption of food and drinks near computer equipment is prohibited to avoid spills and damage.
2	LINUX LAB	• Network and Data Security: ➔ Firewalls, antivirus software, and other security measures are installed to protect against malware and unauthorized access. ➔ Strong password policies are implemented. • Electrical Safety: ➔ Uninterruptible power supplies (UPS) are installed to protect computers from power surges and outages. ➔ Proper earthing is maintained. • Ergonomics and Workspace Safety: ➔ Adjustable chairs to promote good posture and to ease your back. ➔ Adequate lighting to reduce eye strain. • Fire Safety: ➔ Fire extinguishers are kept in easily accessible locations. ➔ Electrical outlets and wirings are checked periodically to ensure that they are in good condition and not overloaded. • Equipment Safety: ➔ Computer equipment is regularly cleaned to prevent the buildup of dust and debris.

		➔ Computer cables are tied-up securely to avoid tangling of cables. ➔ Shutdown the computer after use. •Personal Safety: ➔ Consumption of food and drinks near computer equipment is prohibited to avoid spills and damage.
3	`PROJECT LAB	• Network and Data Security: ➔ Firewalls, antivirus software, and other security measures are installed to protect against malware and unauthorized access. ➔ Strong password policies are implemented. • Electrical Safety: ➔ Uninterruptible power supplies (UPS) are installed to protect computers from power surges and outages. ➔ Proper earthing is maintained. • Ergonomics and Workspace Safety: ➔ Adjustable chairs to promote good posture and to ease your back. ➔ Adequate lighting to reduce eye strain. • Fire Safety: ➔ Fire extinguishers are kept in easily accessible locations. ➔ Electrical outlets and wirings are checked periodically to ensure that they are in good condition and not overloaded. • Equipment Safety: ➔ Computer equipment is regularly cleaned to prevent the buildup of dust and debris. ➔ Computer cables are tied-up securely to avoid tangling of cables. ➔ Shutdown the computer after use. •Personal Safety: ➔ Consumption of food and drinks near computer equipment is prohibited to avoid spills and damage.
4	COMPUTATIONAL INTELLIGENCE RESEARCH LABS	• Network and Data Security: ➔ Firewalls, antivirus software, and other security measures are installed to protect against malware and unauthorized access. ➔ Strong password policies are implemented. • Electrical Safety: ➔ Uninterruptible power supplies (UPS) are installed to protect computers from power surges and outages. ➔ Proper earthing is maintained. • Ergonomics and Workspace Safety: ➔ Adjustable chairs to promote good posture and to ease your back. ➔ Adequate lighting to reduce eye strain. • Fire Safety: ➔ Fire extinguishers are kept in easily accessible locations. ➔ Electrical outlets and wirings are checked periodically to ensure that

		they are in good condition and not overloaded. • Equipment Safety: ➔ Computer equipment is regularly cleaned to prevent the buildup of dust and debris. ➔ Computer cables are tied-up securely to avoid tangling of cables. ➔ Shutdown the computer after use. •Personal Safety: ➔ Consumption of food and drinks near computer equipment is prohibited to avoid spills and damage.
5	IMAGE PROCESSING AND COMPUTER VISION RESEARCH LAB	• Network and Data Security: ➔ Firewalls, antivirus software, and other security measures are installed to protect against malware and unauthorized access. ➔ Strong password policies are implemented. • Electrical Safety: ➔ Uninterruptible power supplies (UPS) are installed to protect computers from power surges and outages. ➔ Proper earthing is maintained. • Ergonomics and Workspace Safety: ➔ Adjustable chairs to promote good posture and to ease your back. ➔ Adequate lighting to reduce eye strain. • Fire Safety: ➔ Fire extinguishers are kept in easily accessible locations. ➔ Electrical outlets and wirings are checked periodically to ensure that they are in good condition and not overloaded. • Equipment Safety: ➔ Computer equipment is regularly cleaned to prevent the buildup of dust and debris. ➔ Computer cables are tied-up securely to avoid tangling of cables. ➔ Shutdown the computer after use. • Personal Safety: ➔ Consumption of food and drinks near computer equipment is prohibited to avoid spills and damage.
6	IOT RESEARCH LAB	• Network and Data Security: ➔ Firewalls, antivirus software, and other security measures are installed to protect against malware and unauthorized access.

		→ Strong password policies are implemented. • Electrical Safety: → Uninterruptible power supplies (UPS) are installed to protect computers from power surges and outages. → Proper earthing is maintained. • Ergonomics and Workspace Safety: → Adjustable chairs to promote good posture and to ease your back. → Adequate lighting to reduce eye strain. • Fire Safety: → Fire extinguishers are kept in easily accessible locations. → Electrical outlets and wirings are checked periodically to ensure that they are in good condition and not overloaded. • Equipment Safety: → Computer equipment is regularly cleaned to prevent the buildup of dust and debris. → Computer cables are tied-up securely to avoid tangling of cables. → Shutdown the computer after use. •Personal Safety: → Consumption of food and drinks near computer equipment is prohibited to avoid spills and damage.
7	CCF1	• Network and Data Security: → Firewalls, antivirus software, and other security measures are installed to protect against malware and unauthorized access. → Strong password policies are implemented. • Electrical Safety: → Uninterruptible power supplies (UPS) are installed to protect computers from power surges and outages. → Proper earthing is maintained. • Ergonomics and Workspace Safety: → Adjustable chairs to promote good posture and to ease your back. → Adequate lighting to reduce eye strain. • Fire Safety: → Fire extinguishers are kept in easily accessible locations. → Electrical outlets and wirings are checked periodically to ensure that they are in good condition and not overloaded. • Equipment Safety: → Computer equipment is regularly cleaned to prevent the buildup of dust and debris. → Computer cables are tied-up securely to avoid tangling of cables. → Shutdown the computer after use. •Personal Safety:

		➔ Consumption of food and drinks near computer equipment is prohibited to avoid spills and damage.
8	CCF2	• Network and Data Security: ➔ Firewalls, antivirus software, and other security measures are installed to protect against malware and unauthorized access. ➔ Strong password policies are implemented. • Electrical Safety: ➔ Uninterruptible power supplies (UPS) are installed to protect computers from power surges and outages. ➔ Proper earthing is maintained. • Ergonomics and Workspace Safety: ➔ Adjustable chairs to promote good posture and to ease your back. ➔ Adequate lighting to reduce eye strain. • Fire Safety: ➔ Fire extinguishers are kept in easily accessible locations. ➔ Electrical outlets and wirings are checked periodically to ensure that they are in good condition and not overloaded. • Equipment Safety: ➔ Computer equipment is regularly cleaned to prevent the buildup of dust and debris. ➔ Computer cables are tied-up securely to avoid tangling of cables. ➔ Shutdown the computer after use. •Personal Safety: ➔ Consumption of food and drinks near computer equipment is prohibited to avoid spills and damage.
9	CCF3	• Network and Data Security: ➔ Firewalls, antivirus software, and other security measures are installed to protect against malware and unauthorized access. ➔ Strong password policies are implemented. • Electrical Safety: ➔ Uninterruptible power supplies (UPS) are installed to protect computers from power surges and outages. ➔ Proper earthing is maintained. • Ergonomics and Workspace Safety: ➔ Adjustable chairs to promote good posture and to ease your back. ➔ Adequate lighting to reduce eye strain. • Fire Safety: ➔ Fire extinguishers are kept in easily accessible locations. ➔ Electrical outlets and wirings are checked periodically to ensure that they are in good condition and not overloaded. • Equipment Safety:

		➔ Computer equipment is regularly cleaned to prevent the buildup of dust and debris. ➔ Computer cables are tied-up securely to avoid tangling of cables. ➔ Shutdown the computer after use. • Personal Safety: ➔ Consumption of food and drinks near computer equipment is prohibited to avoid spills and damage.
10	AESTHETIX INDUSTRIAL SUPPORTED - AI AND SOFTWARE ENGINEERING LAB	• Network and Data Security: ➔ Firewalls, antivirus software, and other security measures are installed to protect against malware and unauthorized access. ➔ Strong password policies are implemented. • Electrical Safety: ➔ Uninterruptible power supplies (UPS) are installed to protect computers from power surges and outages. ➔ Proper earthing is maintained. • Ergonomics and Workspace Safety: ➔ Adjustable chairs to promote good posture and to ease your back. ➔ Adequate lighting to reduce eye strain. • Fire Safety: ➔ Fire extinguishers are kept in easily accessible locations. ➔ Electrical outlets and wirings are checked periodically to ensure that they are in good condition and not overloaded. • Equipment Safety: ➔ Computer equipment is regularly cleaned to prevent the buildup of dust and debris. ➔ Computer cables are tied-up securely to avoid tangling of cables. ➔ Shutdown the computer after use. • Personal Safety: ➔ Consumption of food and drinks near computer equipment is prohibited to avoid spills and damage.

D3:Project Laboratory/Research Laboratory

Table No. D3.1: List of project laboratory/research laboratory /Centre of Excellence.

S.N.	Name of the Laboratory
1.	Project Lab
2.	Computational Intelligence Research Labs
3.	Image Processing and Computer Vision Research Labs
4.	IOT Research Laboratory
5.	Incubation Center
6.	Care Lab

PART E: First Year

faculty and financial Resources.

(Data to be filled in for the first year course faculty and budget allocation and utilization)

E1:First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4=S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8) +(NS2*0.2))/(No. of required faculty (RF4)); Percentage=((NS1*0.8)+ (NS2*0.2))/RF4
2023-24 (CAYm2)	360	18	14	27	92
2023-24 (CAYm2)	390	20	15	36	96
2025-26 (CAY)	480	24	19	35	92

E2 : Budget Allocation, Utilization, and Public Accounting at Institute Level

Table No. E2.1: Budget and actual expenditure incurred at Institute level.

Items	Budgeted in CFY	Actual expenses in CFY (till ...)	Budgeted in CFYm1	Actual Expenses in CFYm1	Budgeted in CFYm2	Actual Expenses in CFYm2	Budgeted in CFYm3	Actual Expenses in CFYm3
Infrastructure Built-Up	8440000	1674318	8520000	8964668	15500000	12737638	1930500	2394813
Library	1838000	132062	910000	816463	1500000	931933	2572500	1415076
Laboratory equipment	6214000	1375218	228000	157247	5263000	4924895	1440000	3881504
Teaching and non-teaching staff salary	55000000	38447814	54000000	53519813	50650000	50650000	50650000	49203095

Outreach Programs	200000	35785	100000	14327	100000	59553	100000	31600
R&D	500000	0	523000	122870	137500	321586	100000	0
Training, Placement and Industry linkage	300000	153636	2317000	315884	800000	1382732	600000	568494
SDGs	18000000	16875688	3120000	518413	500000	53345	1900000	51628
Entrepreneurship	500000	64719	50000	45000	900000	858044	700000	621467
Others, specify	14000000	11034383	8634000	13791171	1029500	7998364	18191000	10582195
Total	**104992000**	**69793623**	**78402000**	**78265856**	**76380000**	**79160748**	**78184000**	**68749872**

E3:Budget Allocation, Utilization, and Public Accounting at Program Specific Level

Table No. E3.1: Budget and actual expenditure incurred at program level.

Items	**Budgeted in CFY**	**Actual expenses in CFY (till ...)**	**Budgeted in CFY*m*1**	**Actual Expenses in CFY*m*1**	**Budgeted in CFY*m*2**	**Actual Expenses in CFY*m*2**	**Budgeted in CFY*m*3**	**Actual Expenses in CFY*m*3**
Laboratory equipment	3073000	3009336	1760000	0	4055000	4472200	2150000	3094210
Software	0	0	180000	145895	0	0	0	0
SDGs	300000	170000	550000	235096	100000	161048	100000	31000
Support for faculty development	125000	78855	30000	0	5000	0	50000	17546
R & D	10000	0	0	0	10000	0	500000	0
Industrial Training, Industry expert, Internship	25000	0	233000	19000	10000	0	110000	0
Miscellaneous expenses *	51000	0	17000	66000	20000	35347	50000	35913
Total amount	3584000	3258191	**2770000**	465991	4200000	4668595	2960000	3178669