

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: Computer Science and Engineering - B.Tech

A1: Name of the Institute: - MARIAN ENGINEERING COLLEGE

Year of Establishment: 2001

Location of the Institute: Kerala

A2: Institute Address: - MARIAN ENGINEERING COLLEGE, MENAMKULAM, KAZHAKUTTOM, TRIVANDRUM

City : Trivandrum

State : Kerala

Pincode: 695582

Website : marian.ac.in

Email : mecaccreditation@gmail.com

Phone No with STD Code: --

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

Name of the University : Dr 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:** _____

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: 3

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

Sr. No.	Discipline	Level of program	Name of the program	Year of Start	Year of Close*	Name of The Department
1	Engineering & Technology	UG	Artificial Intelligence and Machine Learning	2022	--	Computer Science and Engineering
2	Engineering & Technology	UG	Civil Engineering	2006	--	Civil Engineering
3	Engineering & Technology	UG	Computer Science and Engineering	2001	--	Computer Science and Engineering
4	Engineering & Technology	UG	Electrical and Electronics Engineering	2013	--	Electrical and Electronics Engineering
5	Engineering & Technology	UG	Electronics & Communication Engineering	2001	--	Electronics and Communication Engineering
6	Engineering & Technology	UG	Electronics & Computer Engineering	2022	--	Electronics and Communication Engineering
7	Engineering & Technology	PG	Geotechnical Engineering	2013	--	Civil Engineering
8	Engineering & Technology	UG	Mechanical Engineering	2004	--	Mechanical Engineering
9	Management	PG	Master of Business Administration	2024	--	Management
10	Engineering & Technology	UG	Electrical and computer Engineering	2026	--	Electrical and Electronics Engineering
11	COMPUTER APPLICATIONS	PG	Master of Computer Applications (Integrated)	2026	-	Master of Computer Applications

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.	Department of Computer Science and Engineering.	B. Tech - Computer Science and 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.	Department of Computer Science and Engineering.	Artificial Intelligence and Machine Learning

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.

Sl No.	Program Name	Year of Start	Sanctioned Intake	Increase/decrease in intake, if any	Year of increase/decrease	AICTE/ Approval details	Accreditation Status	No. of times program accredited
1.	B. Tech – Computer Science & Engineering	2001	180	30 (Increase)	20 - 21	South-West/1-7002652302/2020/EOA Dt, 30 th Apr 2020	Granted accreditation for 3 years for the period (2019 – 2022, 2022 – 2025)	2
				60 (Increase)	24 - 25	South-West/1-43660706042/2024/EOA Dt, 17 th May 2024		

* Write the 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 :

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)	2025-26 CAY	2024-25 CAYm1	2023-24 CAYm2	2022-23 CAYm3	2021-22 CAYm4 (LYG)	2020-21 CAYm5 (LYGm1)	2019-20 CAYm6 (LYGm2)
N= Sanctioned intake of the program (as AICTE /Competent authority)	180	180	120	120	120	120	90
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	179	177	117	118	120	120	85
N2= Number of students admitted in 2nd year in the same batch vi lateral entry including leftover seats	0	0	0	0	1	1	0
N3= Separate division if any	0	1	0	0	0	0	1
N4= Total no. of students admitted in the 1st year via all supernumerary quotas	8	9	6	5	6	6	5
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	187	187	123	123	127	127	91

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 Year**Table No. B4.1:** Student enrolment ratio in the 1st year.

Item (Students enrolled in the First Year on average over 3 academic years (CAY, CAYm1, and CAYm2))	CAY	CAYm1	CAYm2
N= Sanctioned intake of the program in the 1 st year (as per AICTE/Competent authority)	180	180	120
N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	179	177	117
N4= Total no. of students admitted in the 1 st year via all supernumerary quotas	08	09	06
Enrolment Ratio (ER)= (N1+N4)/N	103.89	103.33	102.50
Average ER= (ER_1+ ER_2+ ER_3)/3	103.24		

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	LYG	LYGm1	LYGm2
A*= (No. of students admitted in the 1 st year of that batch and those actually admitted in the 2 nd 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).	121	121	90
B=No. of students who graduated from the program in the stipulated course duration	93	75	60
Success Rate (SR)= (B/A)*100	76.86	61.98	66.67
Average SR of three batches ((SR_1+SR_2+ SR_3)/3)	68.50		

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 1 st 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 1 st year/10)	7.826	7.515	7.773
Y= Total no. of successful students	151	99	108
Z = Total no. of students appeared in the examination	177	120	124
API = X* (Y/Z)	6.676	6.199	6.881
Average API = (API_1 + API_2 + API_3)/3	6.585		

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 2 nd 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 2 rd year/10)	7.871	7.651	7.526
Y= Total no. of successful students	97	103	97
Z =Total no. of students appeared in the examination	99	108	104
API = X* (Y/Z)	7.711	7.296	7.019
Average API = (API_1 + API_2 + API_3)/3	7.342		

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 3 rd 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 3 rd year/10)	7.566	7.496	7.427
Y= Total no. of successful students	102	96	77
Z= Total no. of students appeared in the examination	103	97	89
API = X* (Y/Z)	7.493	7.419	6.426
Average API = (API_1 + API_2 + API_3)/3	7.113		

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	121	121	90
X= No. of students placed	74	72	41
Y= No. of students admitted to higher studies	12	07	11
Z= No. of students taking up entrepreneurship	0	00	00
X + Y + Z =	86	79	52
Placement Index (P) = (((X + Y + Z)/FS) * 100)	71.07	65.29	57.78
Average placement index = (P_1 + P_2 + P_3)/3	64.71		

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

Table No.C1: Faculty details in the Department for the past 3 years including CAY

CAY (2025-26)

Sl. No	Name of the faculty	PAN No.	APAAR faculty ID*(if any).	Highest Degree	University	Area of Specialization	Date of Joining in current institution	Designation at time of joining of this institution	Present Designation	The Date on which designated as Professor/Associate Professor if any	Nature of Association (Regular/Contract / Adjunct)	If Contractual mention Full time or (Part time or Hourly based)	Currently Associated(Y/N)	Date of Leaving (In case currently Associated is "No")	Experience in years in this institution
1	Dr. M. Abdul Nizar	AEXPK 4290H	60263477 3673	M. Tech PhD	IIT Madras	Computer Science & Engineering	11.08.2023	Professor	Professor	11.08.2023	Regular	Full Time	Y		3.2
2	Dr. Shreelekhmi R	ABUPA 7813L	93114337 4981	ME, PhD	Kerala University	Computer Science & Engineering	01.06.2024	Professor	Professor	01.06.2024	Regular	Full Time	Y		2.4
3	Dr. Sheeja Agustin A	ARUPA 1936A	24336361 5771	M. Tech PhD	Noorul Islam University	Computer Science & Engineering	27.09.2004	Asst. Professor	Professor	01-07-2022	Regular	Full Time	Y		22.1
4	Ms. Keerthi Krishnan	BBVPK 6434M	12124971 7931	M.E.	Anna University	Computer Science & Engineering	01.07.2004	Asst. Professor	Associate. Professor	01.10.2010	Regular	Full Time	Y		22.3

5	Ms Sunitha S	CQQPS 1027K	59565130 1332	M. Tech	Kerala University	Digital Image Computing	03.01.2005	Asst. Professor	Asst. Professor		Regular	Full Time	Y		21.9
6	Dr. Mercelin Francis	AANPF 4606N	78598860 7183	M. Tech PhD	Anna University	Computer Science & Engineering	01.09.2005	Asst. Professor	Associate. Professor	01.07.2024	Regular	Full Time	Y		21.1
7	Ms. Reeya SL	AUQPR 9124A	39864353 9358	M.E.	Anna University	Computer Science & Engineering	23.08.2006	Asst. Professor	Asst. Professor		Regular	Full Time	Y		20.2
8	Ms.. Swapna H	CUBPS 8374N	87946229 2298	M.Tech.	Kerala University	Computer Science & Engineering	28.08.2006	Asst. Professor	Asst. Professor		Regular	Full Time	Y		20.2
9	Ms. Nitha L Rozario	AUOPR 4285J	12962079 2119	M. Tech	CUSAT	Software Engineering	28.08.2006	Asst. Professor	Asst. Professor		Regular	Full Time	Y		20.2
10	Ms. Nisha J R	AMWPJ 7084K	46401292 5234	M.E.	Anna University	Computer Science & Engineering	19.01.2009	Asst. Professor	Asst. Professor		Regular	Full Time	Y		17.9
11	Ms. Dhanya L	AIDPD7 918F	40419564 6351	M.E.	Anna University	Computer Science & Engineering	12-09-2022	Asst. Professor	Asst. Professor		Regular	Full Time	Y		4.1
12	Ms. Harsha T	BGNPT 4654D	61656378 6951	M. Tech	Kerala University	Computer Science & Engineering	09-08-2023	Asst. Professor	Asst. Professor		Regular	Full Time	Y		3.2
13	Ms. Binsi P	EEFPB0 407B	30842280 3731	M.E	Anna University	Computer Science & Engineering	14-08-2023	Asst. Professor	Asst. Professor		Regular	Full Time	Y		3.2

14	Ms. Aiswarya I P	GOKPP 7193K	94527786 3089	M. Tech	KTU	Computer Science & Engineering	14-08-2023	Asst. Professor	Asst. Profes sor		Regular	Full Time	Y		3.2
15	Ms. Mary Lisa Leenuse	HPGPM 0522D	59802430 215	M. Tech	KTU	Information Security	29-01-2024	Asst. Professor	Asst. Profes sor		Regular	Full Time	Y		2.9
16	Dr. Anusha B	CVSPB 7781G	92373113 6708	ME, PhD	Anna University	Information Science & Technology	18-03-2024	Asst. Professor	Asst. Profes sor		Regular	Full Time	Y		2.7
17	Ms. Aswathi G S	IDCPS6 00K	78876383 1832	M. Tech	Kerala University	Computer Science & Engineering	17-07-2024	Asst. Professor	Asst. Profes sor		Regular	Full Time	Y		2.3
18	Ms. Sree Kutty S Vinod	BLTPV 4841B	42393991 6356	M. Tech	KTU	Computer Science & Engineering	16-12-2024	Asst. Professor	Asst. Profes sor		Regular	Full Time	Y		1.9
19	Ms. Aswathi P V	BKBPV 9444F		M. Tech	Kerala University	Digital Image Computing	09-12-2024	Asst. Professor	Asst. Profes sor		Regular	Full Time	Y	29-05-2026	1.9
20	Ms. Renetha J B	AJEPJ9 049D	17456217 4020	M. Tech	CUSAT	Computer & Information Science	31-12-2024	Asst. Professor	Asst. Profes sor		Regular	Full Time	Y		1.9
21	Ms. Rashmi M K	ELEPK 2534L	87832855 0628	M. Tech	KTU	Computer Science and Information Security	01-01-2025	Asst. Professor	Asst. Profes sor		Regular	Full Time	Y		1.9
22	Ms. Revathi B R	BWBPR 6239J	50937314 7129	M. Tech	KTU	Computer Science & Engineering	06-01-2025	Asst. Professor	Asst. Profes sor		Regular	Full Time	Y		1.9

23	Ms. Shakhya P S	JNYPS0194B	837975824983	M. tech	Kerala University	Computer science and engineering	21-01-2025	Asst. Professor	Asst. Professor		Contract	Full Time	Y		1.9
24	Ms. Vijaya Lekshmi S. V	BKYPV6614C	557973325207	M.E	Anna University	Computer science and engineering	01-07-2025	Asst. Professor	Asst. Professor		Contract	Full Time	Y		1.3
25	Ms. Rojitha Abdulla	BSPPA3005D	153382621783	M. Tech	Kerala University	Computer science and engineering	02-07-2025	Asst. Professor	Asst. Professor		Contract	Full Time	Y		1.3
26	Ms. Diphonsa Uvans	ARQPD9221K	530172387909	M.E	Anna University	Computer science and engineering	01-07-2025	Asst. Professor	Asst. Professor		Contract	Full Time	Y		1.3
27	Dr. Sindhu Chandra Sekharan	AOQPC8544K	162517709685	Ph. D	SRM University	Computer science and engineering	01-07-2025	Assoc. Professor	Assoc. Professor	01-07-2025	Regular	Full Time	Y		1.3
28	Ms. Arun Betty AS	BHJPB9957J		M.E	Anna University	Computer Science & Engineering	01-07-2025	Asst. Professor	Asst. Professor		Contract	Full Time	Y		1.3
29	Mr. Jithin Aniyankunju	ERTPA7649F	189844540410	M. Tech	KTU	Computer Science & Engineering	25-08-2025	Asst. Professor	Asst. Professor		Contract	Full Time	Y		1.2
30	Ms. Nishley Elizabeth Joseph	AFCPN9714K	658539051251	M.E	Karunya University	Computer Science & Engineering	01-12-2025	Asst. Professor	Asst. Professor		Regular	Full Time	Y		12

31	Ms. Anusha A V	AZSPV 0896L	94651217 8415	M.E	KTU	Computer Science & Engineering	07-08-2023	Asst. Professor	Asst. Professor		Contract	Full Time	N	19-09-2025	2.1
32	Mr. Julie Christy	CHOPJ1 477P	36822947 6875	M. Tech	KTU	Computer Science & Engineering	05-01-2026	Asst. Professor	Asst. Professor		Contract	Full Time	Y		0.9
33	Dr. Neethi A S	DEGPS 5651G		Ph. D	NIT	Computer science and engineering	1-07-2025	Asst. Professor	Asst. Professor		Contract	Full Time	N	31.10.2025	0.3

CAYm1(2024-25)

Sl. No	Name of the faculty	PAN No.	APAAR faculty ID*(if any).	Highest Degree	University	Area of Specialization	Date of Joining in current institution	Designation at time of joining of this institution	Present Designation	The Date on which designated as Professor/Associate Professor if any	Nature of Association (Regular/Contract / Adjunct)	If Contractual mention Full time or (Part time or Hourly based)	Currently Associated(Y/N)	Date of Leaving (In case currently Associated is "No")	Experience in years in this institution
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1	Dr. M. Abdul Nizar	AEXPK 4290H	602634773 673	M. Tech PhD	IIT Madras	Computer Science & Information Technology	11.08.2023	Professor	Professor	11.08.2023	Regular	Full Time	Y		2
2	Dr. Shreelekhmi R	ABUPA 7813L	931143374 981	M E, PhD	Kerala University	Computer Science & Engineering	01.06.2024	Professor	Professor	01.06.2024	Regular	Full Time	Y		1
3	Dr. Sheeja Agustin A	ARUPA 1936A	243363615 771	M. Tech PhD	Noorul Islam University	Computer Science & Engineering	27.09.2004	Asst. Professor	Professor	01-07-2022	Regular	Full Time	Y		21
4	Ms. Keerthi Krishnan	BBVPK 6434M	121249717 931	M. E.	Anna University	Computer Science & Engineering	01.07.2004	Asst. Professor	Associate Professor	01.10.2010	Regular	Full Time	Y		21
5	Ms Sunitha S	CQQPS1 027K	595651301 332	M. Tech	Kerala University	Digital Image Computing	03.01.2005	Asst. Professor	Asst. Professor		Regular	Full Time	Y		20
6	Dr. Mercelin Francis	AANPF 4606N	785988607 183	M. Tech PhD	Anna University	Computer & Information Technology	01.09.2005	Asst. Professor	Associate Professor	01.07.2024	Regular	Full Time	Y		20
7	Ms. Reeja S L	AUQPR 9124A	398643539 358	M. E.	Anna University	Computer Science & Engineering	23.08.2006	Asst. Professor	Asst. Professor		Regular	Full Time	Y		19
8	Ms. Swapna H	CUBPS8 374N	879462292 298	M. Tech.	Kerala University	Computer Science & Engineering	28.08.2006	Asst. Professor	Asst. Professor		Regular	Full Time	Y		19
9	Ms. Nitha L Rozario	AUOPR 4285J	129620792 119	M. Tech	CUSAT	Software Engineering	28.08.2006	Asst. Professor	Asst. Professor		Regular	Full Time	Y		19

10	Ms Nisha J R	AMWPJ 7084K	464012925 234	M. E.	Anna University	Computer Science & Engineering	19.01.2009	Asst. Professor	Asst. Professor		Regular	Full Time	Y		16
11	Ms Dhanya L	AIDPD7 918F	404195646 351	M. E.	Anna University	Computer Science & Engineering	12-09-2022	Asst. Professor	Asst. Professor		Regular	Full Time	Y		3
12	Ms. Harsha T	BGNPT 4654D	616563786 951	M.Tech	Kerala University	Computer Science & Engineerig	09-08-2023	Asst. Professor	Asst. Professor		Regular	Full Time	Y		2
13	Ms. Binsi P	EEFPB0 407B	308422803 731	M. E	Anna University	Computer Science & Engineering	14-08-2023	Asst. Professor	Asst. Professor		Regular	Full Time	Y		2
14	Ms. Aiswarya I P	GOKPP 7193K	945277863 089	M.Tech	KTU	Computer Science & Engineering	14-08-2023	Asst. Professor	Asst. Professor		Regular	Full Time	Y		2
15	Ms. Mary Lisa Leenuse	HPGPM 0522D	598024302 15	M.Tech	KTU	Information Security	29-01-2024	Asst. Professor	Asst. Professor		Regular	Full Time	Y		2
16	Dr. Anusha B	CVSPB7 781G	923731136 708	M E, PhD	Anna University	Information Science & Technology	18-03-2024	Asst. Professor	Asst. Professor		Regular	Full Time	Y		1.7
17	Ms. Aswathi G S	IDCPS6 00K	788763831 832	M.Tech	Kerala University	Computer Science & Engineering	17-07-2024	Asst. Professor	Asst. Professor		Regular	Full Time	Y		1.3
18	Ms. Anusha A V	AZSPV0 896L	946512178 415	M. E	Anna University	Computer Science & Engineering	07-08-2023	Asst. Professor	Asst. Professor		Regular	Full Time	Y	20-09-2025	2.1
19	Ms. Sreekutti S Vinod	BLTPV4 841B	423939916 356	M.Tech	KTU	Computer Science & Engineering	16-12-2024	Asst. Professor	Asst. Professor		Contract	Full Time	Y		1

20	Ms. Aswathi P V	BKBPV 9444F		M.Tech	Kerala University	Digital Image Computing	09-12-2024	Asst. Professor	Asst. Professor		Contract	Full Time	Y		1
21	Ms. Renetha J B	AJEPJ90 49D	174562174 020	M.Tech	CUSAT	Computer & Information Science	31-12-2024	Asst. Professor	Asst. Professor		Regular	Full Time	Y		1
22	Ms. Rashmi M K	ELEPK2 534L	878328550 628	M.Tech	KTU	Computer Science and Information Security	01-01-2025	Asst. Professor	Asst. Professor		Regular	Full Time	Y		1
23	Ms. Revathi B R	BWBPR 6239J	509373147 129	M.Tech	KTU	Computer Science & Engineering	06-01-2025	Asst. Professor	Asst. Professor		Regular	Full Time	Y		1
24	Ms. Shakhy P S	JNYP50 194B	837975824 983	M.Tech	Kerala University	Computer science and Engineering	21-01-2025	Asst. Professor	Asst. Professor		Contract	Full Time	Y		1
25	Ms. Jyothi Johnson	AJQPJ30 29F	NIL	M. Tech	CUSAT	Computer & Information Science	28-08-2006	Asst. Professor	Asst. Professor		Contract	Full Time	N	09-12-2024	17

Sl. No	Name of the faculty	PAN No.	APAAR faculty ID*(if any).	Highest Degree	University	Area of Specialization	Date of Joining in present institution	Designation at time of joining of this institution	Present Designation	The Date on which designated as Professor /Associate Professor if any	Nature of Association(Regular/Contract / Adjunct)	If Contractual mention Full time or (Part time or Hourly based)	Currently Associated(Y/N)	Date of Leavwing (In case currently Associated is "No")	Experience in years in this institution
1	Dr. M. Abdul Nizar	AEXPK 4290H	60263477 3673	M. Tech PhD	IIT Madras	Computer Science & Information Technology	11.08.20 23	Professor	Professor	11.08.202 3	Regular	Full Time	Y		1
2	Dr. Sheeja Agustin A	ARUPA 1936A	24336361 5771	M. Tech PhD	Noorul Islam University	Computer Science & Engineering	27.09.20 04	Asst. Professor	Professor	01-07- 2022	Regular	Full Time	Y		20
3	Ms. Keerthi Krishnan	BBVPK 6434M	12124971 7931	M.E.	Anna University	Computer Science & Engineering	01.07.20 04	Asst. Professor	Associate Professor	01.10.201 0	Regular	Full Time	Y		20
4	Ms. Sunitha S	CQQPS 1027K	59565130 1332	M. Tech	Kerala University	Digital Image Computing	03.01.20 05	Asst. Professor	Asst. Professor		Regular	Full Time	Y		19.9
5	Dr. Mercelin Francis	AANPF 4606N	78598860 7183	M. Tech PhD	Anna University	Computer & Information Technology	01.09.20 05	Asst. Professor	Asst. Professor		Regular	Full Time	Y		19
6	Ms. Reeja S L	AUQPR 9124A	39864353 9358	M.E.	Anna University	Computer Science & Engineering	23.08.20 06	Asst. Professor	Asst. Professor		Regular	Full Time	Y		18

7	Ms. Jyothi Johnson	AJQPJ3 029F	NIL	M. Tech	CUSAT	Computer & Information Science	28.08.20 06	Asst. Professor	Asst. Professor		Regular	Full Time	Y		16
8	Ms. Swapna H	CUBPS 8374N	87946229 2298	M. Tech.	Kerala University	Computer Science & Engineering	28.08.20 06	Asst. Professor	Asst. Professor		Regular	Full Time	Y		18
9	Ms Nitha L Rozario	AUOPR 4285J	12962079 2119	M. Tech	CUSAT	Software Engineering	28.08.20 06	Asst. Professor	Asst. Professor		Regular	Full Time	Y		18
10	Ms Nisha JR	AMWP J7084K	46401292 5234	M.E.	Anna University	Computer Science & Engineering	19.01.20 09	Asst. Professor	Asst. Professor		Regular	Full Time	Y		15
11	Ms Dhanya L	AIDPD 7918F	40419564 6351	M.E.	Anna University	Computer Science & Engineering	12-09- 2022	Asst. Professor	Asst. Professor		Regular	Full Time	Y		2
12	Ms .Harsha T	BGNPT 4654D	61656378 6951	M. Tech	Kerala University	Computer Science & Engineering	09-08- 2023	Asst. Professor	Asst. Professor		Ad hoc	Full Time	Y		1
13	Ms .Binsi P	EEFPB 0407B	30842280 3731	M.E	Anna University	Computer Science & Engineering	14-08- 2023	Asst. Professor	Asst. Professor		Ad hoc	Full Time	Y		1
14	Ms Aiswarya IP	GOKPP 7193K	94527786 3089	M. Tech	KTU	Computer Science & Engineering	14-08- 2023	Asst. Professor	Asst. Professor		Ad hoc	Full Time	Y		1
15	Ms. Anusha AV	AZSPV 0896L	94651217 8415	M.E	Anna University	Computer Science & Engineering	07-08- 2023	Asst. Professor	Asst. Professor		Ad hoc	Full Time	Y		1

16	Ms. Ann Mathew	BHMP M9887 M	72275309 7919	M. Tech	CUSAT	VLSI& Embedded Systems	19-07-2011	Asst. Professor	Asst. Professor		Regular	Full Time	Y		4
17	Ms. Hema S Mahesh	AURP M2535 K	54062653 1394	M. Tech	Kerala University	Signal Processing	06-08-2012	Asst. Professor	Asst. Professor		Regular	Full Time	Y		12
18	Ms. Mehda B	AWDP M2898 R	53797151 7898	M. Tech	M.S University	Computer & Information Technology	17.11.21	Asst. Professor	Asst. Professor		Contract	Full Time	N	03.10.20 23	2

Sl. No	Name of the faculty	PAN No.	APAAR faculty ID*(if any).	Highest Degree	University	Area of Specialization	Date of Joining in current institution	Designation at time of joining of this institution	Present Designation	The Date on which designated as Professor/Associate Professor if any	Nature of Association (Regular/Contract / Adjunct)	If Contractual mention Full time or (Part time or Hourly based)	Currently Associated(Y/N)	Date of Leaving (In case currently Associated is “No”)	Experience in years in this institution
1	Prof. Balu John	ACFPJ2740R	835275486352	M.E	IISc. Bangalore	Computer Science & Engineering	01-04-2024	Professor	Professor	01-04-2024	Regular	Full Time	Y		2.6
2	Dr. Aswathy SU	AJPTA5412C	411941924310	M. Tech, Ph. D Post Doc	MIRLA BS, Washington	Image Processing in AI	15-10-2022	Professor	Professor	15-10-2022	Regular	Full Time	Y		4
3	Ms. Aswathy TK	JYBPK8999C	629043970708	M. Tech	CUSAT	Software Engineering	15-11-2021	Asst. Professor	Asst. Professor		Regular	Full Time	Y		5
4	Ms. Nisha Soman	AKOPN9736A	906372169668	M.E	Anna University	Computer Science & Engineering	04-07-2023	Asst. Professor	Asst. Professor		Regular	Full Time	Y		3.3
5	Ms. Aswathy AL	AXEPL7429D	815164801393	M.E	Anna University	Computer Science & Engineering	08-07-2024	Asst. Professor	Asst. Professor		Regular	Full Time	Y		2.3
6	Ms. Neethu Akkarapatt y	BQAPA3312G	973883700982	M. Tech	Mahatma Gandhi University	Computer Science & Engineering	06-01-2025	Asst. Professor	Asst. Professor		Regular	Full Time	Y		1.9
7	Ms. Veena Ramachandran	ANPPL9565K	781284656240	M. Tech	CUSAT	Computer Science & Engineering	01-07-2025	Asst. Professor	Asst. Professor		Contract	Full Time	Y		1.3

8	Ms. Karthika Surendran	IXAPS3771R	181324606764	M. Tech	Kerala University	Computer Science & Engineering	03-07-2025	Asst. Professor	Asst. Professor		Contract	Full Time	Y		1.3
9	Ms. Diana Walts	CEVPD2256Q	512315519436	M.E	Anna University	Computer Science & Engineering	01-07-2025	Asst. Professor	Asst. Professor		Contract	Full Time	Y		1.3
10	Ms. Bhagya Lekshmi HR	HQDPR3536L	301012206268	M. Tech	KTU	Computer Science & Engineering	1-12-2025	Asst. Professor	Asst. Professor		Contract	Full Time	Y		0.8
11	Ms. Jyotsna A	APFPT623G	791534629672	M.E	Noorul Islam University	Computer Science & Engineering	04-12-2025	Asst. Professor	Asst. Professor		Contract	Full Time	Y		0.8

CAYm1 (2024-25)

Sl. No	Name of the faculty	PAN No.	APAAR faculty ID*(if any).	Highest Degree	University	Area of Specialization	Date of Joining in current institution	Designation at time of joining of this institution	Present Designation	The Date on which designated as Professor/Associate Professor if any	Nature of Association (Regular/Contract / Adjunct)	If Contractual mention Full time or (Part time or Hourly based)	Currently Associated(Y/N)	Date of Leaving (In case currently Associated is “No”)	Experience in years in this institution
1	Prof. Balu John	ACFPJ2740R	835275486352	M.E	IISc. Bangalore	Computer Science & Engineering	01-04-2024	Professor	Professor	01-04-2024	Regular	Full Time	Y		1

2	Ms. Aswathy TK	JYBPK899C	629043970708	M. Tech	CUSAT	Software Engineering	15-11-2021	Asst. Professor	Asst. Professor		Regular	Full Time	Y		4
3	Dr. Aswathy SU	AJPTA5412C	411941924310	M.Tech, Ph.D, Post Doc	MIRLABS, Washington	Image Processing in AI	15-10-2022	Professor	Professor	15-10-2022	Regular	Full Time	Y		3
4	Ms. Aswathy AL	AXEPL7429D	815164801393	M. E	Anna University	Computer Science & Engineering	08-07-2024	Asst. Professor	Asst. Professor		Regular	Full Time	Y		1.3
5	Ms. Nisha Soman	AKOPN9736A	906372169668	M. E	Anna University	Computer Science & Engineering	04-07-2023	Asst. Professor	Asst. Professor		Regular	Full Time	Y		2.3
6	Ms. Neethu Akkarapatty	BQAPA3312G	973883700982	M. Tech	Mahatma Gandhi University	Computer Science & Engineering	06-01-2025	Asst. Professor	Asst. Professor		Regular	Full Time	Y		1
7	Ms. Nora Jobai	ATLPJ4629E		M. Tech	KTU	Computer Science & Engineering	17-07-2024	Asst. Professor	Asst. Professor		Contract	Full Time	N	21-02-2025	0

CAYm2 (2023-24)

Sl. No	Name of the faculty	PAN No.	APAAR faculty ID*(if any).	Highest Degree	University	Area of Specialization	Date of Joining in current institution	Designation at time of joining of this institution	Present Designation	The Date on which designated as Professor/Associate Professor if any	Nature of Association (Regular/Contract / Adjunct)	If Contractual mention Full time or (Part time or Hourly based)	Currently Associated(Y/N)	Date of Leaving (In case currently Associated is “No”)	Experience in years in this institution
1	Ms. Aswathy TK	JYBPK8999C	629043970708	M. Tech	CUSAT	Software Engineering	15-11-2021	Asst. Professor	Asst. Professor		Regular	Full Time	Y		3
2	Ms. Nisha Soman	AKOPN9736A	906372169668	M.E	Anna University	Computer Science & Engineering	04-07-2023	Asst. Professor	Asst. Professor		Ad hoc	Full Time	Y		1
3	Dr. Aswathy SU	AJPTA5412C	411941924310	M. Tech, Ph. D ,Post Doc	MIRLAB S, Washington	Image Processing in AI	15-10-2022	Professor	Professor	15-10-2022	Regular	Full Time	Y		2

- PG1=1st PG program.
- PG_m=mth 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
UG1.B	60	60	60
UG1.C	60	60	0
UG1.D	60	0	0
UG1: Artificial Intelligence and Machine Learning	UG1.B+ UG1.C+ UG1.D = 420	UG1.B+UG1. C+ UG1.D = 361	UG1.B+U G1.C+ UG1.D = 362
UG2.B	180	120	120
UG2.C	120	120	121

UG2.D	120	121	121
UG2: Computer Science and Engineering	UGn.B+UGn.C+UGn.D = 180	UGn.B+UGn.C+UGn.D = 120	UGn.B+UGn.C+UGn.D = 60
DS=Total no. of students in all UG and PG programs in the Department	420	361	362
AS=Total no. of students of all UG and PG programs in allied departments	180	120	60
S=Total no. of students in the Department (DS) and allied departments (AS)	$S1=UG1+UG2+..+UGn+PG1+...PGm$ $= 600$	$S2=UG1+UG2+..+UGn+PG1+...PGm$ $= 481$	$S3=UG1+UG2+..+UGn+PG1+...PGm$ $= 422$
DF=Total no. of faculty members in the Department	29	19	17
AF= Total no. of faculty members in the allied Departments	9	5	3
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1=38	F2=24	F3=20
FF=The faculty members in F who have a 100% teaching load in the first-year courses	0	0	0
Student Faculty Ratio (SFR)=S/(F-FF)	$SFR1 = S1/(F1-FF1) = 600/38 = 15.79$	$SFR2 = S2/(F2-FF2) = 481/24 = 20.04$	$SFR3 = S3/(F3-FF3) = 422/20 = 21.05$
Average SFR for 3 years	Average SFR : $=(SFR1+SFR2+SFR3)/3$ $=(15.79+20.04+21.05)/3$ $=18.96$		

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	7	31	30(600/20)	16.17
CAYm1	6	18	24.05(481/20)	14.14
CAYm2	4	16	21.1(422/20)	12.32

C4: Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required Faculty (RF1)	Available Faculty (AF1)	Required Faculty (RF2)	Available Faculty (AF2)	Required Faculty (RF3)	Available Faculty (AF3)
CAY	3.3	4	6.6	2	20.1	32
CAYm1	2.65	4	5.29	1	16.11	19
CAYm2	2.31	3	4.62	0	14.07	17
Average Numbers	2.75	3.67	5.50	1.00	16.76	22.67

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 & Organizatio n	Name of the Course	No. of hours handled
CAYm1				
1	Dr. Philomina Simon	Assistant Professor, Department of CSE, University of Kerala	Awareness session on Technical Writing and Presentations	6
2	Ms. Jibi Rose	Senior Data Analyst, Zafin	Talk on Data Analysis	5
3	Ms. Swathy S	Research Assistant, ICFOSS	Machine Learning	6
4	Mr.Abhimanyu R	Cyber Security Engineer, Alibi Global	Cyber Aware	2

5	Hari Ajith	Managing Director, Artil group of Companies	Cyber Security	2
6	Mr. Hari Shankar	Infosys	AI Workshop	30
7	Mr. Athul Mohan	CEO, Neovent Innovations	Coding training	30
8	Mr. Aswin P. Chandran	CEO, Simple Logic Solutions	Academic Success and Career Advancement	3
Total no. of hours:				84
CAYm2				
1	Ms. Aswathy Prakash	Talent Acquisition, UST	C Training	24
2	Dr. Philomina Simon	Assistant Professor, Department of CSE, University of Kerala	Awareness session on Technical Writing and Presentations	12
3	Mr. Bimil Bose	Head Operation and Logistics, Pragmatix	Aptitude training	18
4	Mr. Aswin P. Chandran	CEO, Simple Logic Solutions	Multiple Avenues in the IT Industry	2
5	Mr. Ajin Thomas	Director of Global Business, Polus Solutions	Artificial Intelligence	12
Total no. of hours:				68

CAYm3				
1	Mr.Ajin Thomas	Director of Global Business, Polus Solutions	Artificial Intelligence	12
2	Mr.Titus P	Business Development Executive	Leadership and Project Management.	5
3	Mohammed Shine	ASRG Kerala	Lockin	3
4	Ashmy	NISH	Awareness program on Assistive Technology	5
5	Mr. Bimil Bose	Head Operation and Logistics, Pragmatix learning and TIME	Aptitude training phase	12
6	Dr. Philomina Simon	Assistant Professor, Department of CSE, University of Kerala	Awareness session on Technical Writing and Presentations	12
7	Mr. Roshan	Crinnolabs	Robotics Workshop	2
Total no. of hours:				51

C6: Academic Research

Table No. C6.1: Faculty publication details.

S.N.	Item	CAYm1	CAYm2	CAYm3
1	No. of peer reviewed journal papers published	6	10	1
2	No. of peer reviewed conference papers published	0	8	7
3	No. of books/book chapters published	0	2	0

C7: Sponsored Research Project

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

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	Prof. Jyothi Johnson	Dr. Shreelekshmi R	CENTRE FOR ENGINEERING RESEARCH AND DEVELOPMENT(CERD)	Empowering Traffic Management Systems with Artificial Intelligence	CENTRE FOR ENGINEERING RESEARCH AND DEVELOPMENT	1 year	Rs. 24,250
Amount received (Rs.)							Rs. 24,250

CAYm2							
1	Prof. Soumya T	Prof. Reeja S L	CENTRE OF EXCELLENCE FOR DISABILITY STUDIES	Sign Language Classification for Hearing Impaired using Computer Vision and Deep Learning	CENTRE OF EXCELLENCE FOR DISABILITY STUDIES	1 year	Rs.2,50,000
2	Prof. Reeja S L	Dr. Sheeja Agustin	CENTRE FOR ENGINEERING RESEARCH AND DEVELOPEMENT	Classroom Attention Monitoring System	CENTRE FOR ENGINEERING RESEARCH AND DEVELOPEMENT	1 year	Rs.25000
3	Prof. Keerthi Krishnan		CENTRE OF EXCELLENCE FOR DISABILITY STUDIES	Better Speak: DAF Assistance and Stuttering Detection Model	CENTRE OF EXCELLENCE FOR DISABILITY STUDIES	6 months	Rs. 18,000
Amount received (Rs.)							Rs.2,93,000
CAYm3							
1	Dr. Sheeja Agustin	Dr. Mercelin Francis	CENTRE FOR ENGINEERING RESEARCH AND DEVELOPEMENT	Web Accessible-Video Conferencing App with sign language recognition system	CENTRE FOR ENGINEERING RESEARCH AND DEVELOPEMENT	1 year	Rs. 35000
Amount received (Rs.)							Rs. 35000
Total Amount (Lacs) Received for the Past 3 Years							

C8: Consultancy Work

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

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	Prof. Sreekutty S Vinod		Education Ministry of Latin Arch Diocese, Trivandrum	Synapse - Education Portal for Schools: A Centralized Academic and Administrative Ecosystem for the Archdiocese	Education Ministry of Latin Arch Diocese, Trivandrum	76 weeks	Rs. 15,00,000
	Prof. Keerthi Krishnan		St.Martha's Special School	The Digital Special School Management System: A digital tool for school staff to manage student data	St.Martha's Special School	1 year	Rs. 25,000

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Amount received (Rs.)							
CAYm2							
1							
...							
Amount received (Rs.)							
CAYm3							
1							
.							
.							
Amount received (Rs.)							
Total amount (Lacs) received for the past 3 years							Rs. 1525000

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(25-26)						
1	Mrs. Dhanya L	AI assisted identification of shrimp concentration zones using multi source oceanographic data and satellite Imagery	2 years	Rs. 4,00,000	Rs. 3,99,352.015	Preliminary work using a basic model has been completed. The work is now progressing towards the implementation and evaluation of more advanced models.
2	Dr. Anusha B	Aqua Eye:A deep Intelligent system for underwater shrimp recognition	2 years	Rs. 4,05,000	Rs. 3,99,352.015	Preliminary work using a basic model has been completed. The work is now progressing towards the implementation and evaluation of more advanced models.
Amount received (Rs.) 7,98,704.03						

CAYm2(24-25)						
1	Mrs. Dhanya L	AI assisted identification of shrimp concentration zones using multi source oceanographic data and satellite Imagery	2 years	Rs. 4,00,000	Purchase of GPU based PC is under process	Proposal initiated for the purchase of GPU enabled PC. Literature Survey and preliminary work are ongoing
2	Dr. Anusha B	Aqua Eye: A deep Intelligent system for underwater shrimp recognition	2 years	Rs. 4,05,000	Purchase of GPU based PC is under process	Proposal initiated for the purchase of GPU enabled PC. Literature Survey and preliminary work are ongoing
Amount received (Rs.)						NIL

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 Important Equipment	Weekly Utilization Status (all the courses for which the lab is utilized)	Name of the technical Staff	Designation	Qualification
1	Database Lab (Dennis Ritchie Lab) (BJ 105)	1	Processor: i3 Speed:3.30GHZ HDD: 250GB, RAM:3GB (35 Nos) UPS: 5 KV (2Nos)	18 hrs	Mr. Jery John B.R.	Lab Instructor	Diploma
2	Data structures Lab/ FOSS Lab (Thomas Corman Lab) (SJ 301)	1	Processor: i3 RAM:4 GB HDD:500 GB (30 Nos) UPS: 5 KV (2 Nos) Processor i5 RAM: -8 GB HDD: 1TB (4 Nos) Processor: i3 RAM:4 GB	18 hrs	Mr. Barnous Samuel	Lab Instructor	Diploma

S. N.	Name of the Laboratory	No. of students per setup (Batch Size)	Name of the Important Equipment	Weekly Utilization Status (all the courses for which the lab is utilized)	Name of the technical Staff	Designation	Qualification
			HDD: 1TB (2 Nos)				
3	System Software Lab/ Networking Lab (Tim Berners Lee Lab) (SJ 303)	1	PC Desktop, Acer Veritron M200 Desktop, Intel core i5-12400 Processor 16GB DDR4 RAM, 512 GB NVME SSD, Windows 11 Home single Language, 22 "Acer full HD LED Monitor, HDMI, USB, Acer Keyboard, Optical Mouse, (26 Nos) Processor: i3 RAM: 4 GB HDD: 1TB (7 Nos) Processor i5 RAM: -8 GB HDD: 1TB (4 Nos) UPS: 5 KV (2 Nos)	12 hrs	Ms Sheeja George	Computer Operator	MCA
4	Microprocessor Lab/ Compiler Design Lab (John Hennessy Lab) (SJ 306)	1	Processor: i3 (28 machines) RAM: 4 GB HDD: 500 GB UPS: 5 KV, Processor: I3 RAM: 4 GB HDD: 1TB (3 Nos) Processor i5 RAM: -8 GB HDD: 1TB (4 Nos) Microcontroller Kit, 8086 Micro controller Trainer kit UPS: 5 KV (2 Nos)	12 hrs	Ms Tessy T	Lab Instructor	MCA
5	IT Workshop (Charles Bachman Lab) (AD 213)	1	PC Desktop, Acer Veritron M200 Desktop, Intel core i5-12400 Processor 16GB DDR4 RAM, 512 GB NVME SSD, Windows 11 Home single Language, 22 "Acer full HD LED Monitor, HDMI, USB, Ac	18 Hrs	Mr Subash Kumar P T	Lab Instructor	Diploma

S. N.	Name of the Laboratory	No. of students per setup (Batch Size)	Name of the Important Equipment	Weekly Utilization Status (all the courses for which the lab is utilized)	Name of the technical Staff	Designation	Qualification
			er Keyboard, Optical Mouse, 72 Nos				
6	Digital Electronics Lab (SM201)	4	CRO Function Generator Multimeter Power supply Digital IC Trainer Kit Digital IC Tester	18 hrs	Mrs. Noel Pereira J	Lab Instructor	B.Tech
7	Engineering Workshop	4	Bench Vice (36) Power Hacksaw (1) Circular Saw Machine (1) Bench Grinder(1) Pedestal Drilling Machine (1) Heavy Duty Hand Shear (1) Heavy Duty Centrifugal Blower (1)	8 hrs	Rev. Fr. Abin Stanly	Workshop Superintendent	B. Tech
8	Engineering Physics Lab (AD310)	4	Solar Cell(2units) Spectrometer (2 units) Newton's Ring (6 Units) Air wedge (2 units) Polarimeter(2Units)	12 hrs.	Mr. Maickel P.	Lab Assistant	10th
9	Engineering Chemistry Lab (AD317)	4	Spectrophotometer (3 units) Potentiometer (3units) Conductometer (3 units) glass electrode (2units) calomel electrode (3units)	12 hrs.	Ms. Mary Shimona	Lab Assistant	M. Sc
10	Electronics Workshop (SM 203A)	4	Multimeter (2), Workbench (8), CRO (1), Function Generator (2), Power supply (3), Function Generator (2), DSO(1)	8 hrs.	Ms. Anitha R	Lab Instructor	Diploma

D2: `Safety Measures in Laboratories

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

Sl No	Name of the Laboratory	Safety measures
1	Database Lab/ Programming Lab (Dennis Ritchie Lab) (BJ 105)	• General Rules of Dos and Don'ts are displayed. • Fire Extinguisher, First Aid Kit are kept • Avoiding the use of damaged equipments • Periodical servicing of the lab equipments.
2	Data structures Lab/ FOSS Lab Thomas Cormen Lab (SJ 301)	• General Rules of Dos and Don'ts are displayed. • Fire Extinguisher, First Aid Kit are kept • Avoiding the use of damaged equipments • Periodical servicing of the lab equipments.
3	System Software Lab/ Network Programming Lab (Tim Berners Lee Lab) (SJ 303)	• General Rules of Dos and Don'ts are displayed. • Fire Extinguisher, First Aid Kit are kept • Avoiding the use of damaged equipments • Periodical servicing of the lab equipments.
4	Project Lab (Alan Turing Lab) (SJ 206)	• General Rules of Dos and Don'ts are displayed. • Fire Extinguisher, First Aid Kit are kept • Avoiding the use of damaged equipments • Periodical servicing of the lab equipments.

5	Microprocessor Lab/ Compiler Design Lab (John Hennessy Lab) (SJ 306)	• General Rules of Dos and Don'ts are displayed. • Fire Extinguisher, First Aid Kit are kept • Avoiding the use of damaged equipments • Periodical servicing of the lab equipments.
6	IOT & Cyber Physical Systems Lab (BJ 211)	• General Rules of Dos and Don'ts are displayed. • Fire Extinguisher, First Aid Kit are kept • Avoiding the use of damaged equipments • Periodical servicing of the lab equipments.
7	IT Workshop (Charles Bachman Lab) (AD 213)	• General Rules of Dos and Don'ts are displayed. • Fire Extinguisher, First Aid Kit are kept • Avoiding the use of damaged equipments • Periodical servicing of the lab equipments.

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 (Alan Turing Lab) Intel core i5, 8 th Gen processor, 8 GB RAM, 256GB SSD, 22inch screen (10 nos) Processor: Intel core i3-4150 CP@3.5gHZ, Memory: 4GB, Graphics: Intel (6 nos) Processor: Intel core i7 8700, Memory: 8GB DDR4, Graphics: PCI Express Card Gigabyte GT 710 2GB, (1 no)
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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
CAY	540	27	11	60	77.03
CAYm1	540	27	11	54	72.59
CAYm2	450	22.5	10	44	74.67

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 2025-26	Actual Expenses in 2025-26	Budgeted in 2024-25	Actual Expenses in 2024-25	Budgeted in 2023-24	Actual Expenses in 2023-24	Budgeted in 2022-23	Actual Expenses in 2022-23
Infrastructure Built-Up	950000	94,36,983	1160000	6734120	410000	1061447	360000	1531010
Library	536000	3,30,409	515000	321601	812000	373167	835000	581103
Laboratory equipment	200000	24,67,714	480000	3132090	880000	4065633	770000	3078622
Teaching and non-teaching staff salary	9663000	8,40,58,084	8805000	74908747	7502000	70559865	77367000	68326944
Outreach Programs	1550000	26,07,205	1070000	12422022	960000	8804873	615000	8185472
R&D	1800000	2,83,880	850000	375890	100000	328425	130000	450000
Training, Placement and Industry Linkage	1800000	18,32,731	200000	125411	200000	37660	450000	79842

Items	Budgeted in 2025-26	Actual Expenses in 2025-26	Budgeted in 2024-25	Actual Expenses in 2024-25	Budgeted in 2023-24	Actual Expenses in 2023-24	Budgeted in 2022-23	Actual Expenses in 2022-23
SDGs	1000000	9,15,024	8550000	7902622	11225000	21100495	10030000	21773162
Entrepreneurship	200000	1,26,765	300000	171168	300000	120504	300000	45052
Others, specify	121945000	5,82,77,522	51895000	37681680	48578000	28631203	45875000	44603362
Total	250911000	16,03,36,317	177460000	143775351	159635000	135083272	153607000	148654569

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 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Laboratory equipment	2219820	2431236	4500000	4205346	75000	58575	100000	61200
Software	0	0	0	0	0	0	0	0
SDGs	0	0	0	0	0	0	0	0
Support for faculty development	10000	97530	10000	3960	150000	119800	15000	3290
R & D	1600000	649520	125000	143125	40000	27811	30000	4000
Industrial Training, Industry expert, Internship expenses	65000	18287	40000	14000	15000	10000	15000	10000
Miscellaneous Expenses*	17132641	16267379	10683651	10695008	9293134	9253486	9148545	9129033
Total	21027461	19463952	15358651	15061439	9573134	9469672	9308545	9207523