

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Computer Science and Engineering	Discipline : Engineering & Technology
Level : Under Graduate	Tier : 2
Application No : 11653	Date of Submission : 16-03-2026

PART A- Profile of the Institute

A1.Name of the Institute: ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY	
Year of Establishment : 2003	Location of the Institute: Chiramanangad Akkikavu Rd Kerala
A2. Institute Address: Royal College of Engineering & Technology, Akkikavu, Chiramanangad PO, Marathancode via, Thrissur DT, Kerala - 680604	
City:Trichur	State:Kerala
Pin Code:680604	Website:www.royalcet.ac.in
Email:nba@royalcet.ac.in	Phone No(with STD Code):04885-289009
A3. Name and Address of the Affiliating University (if any):	
Name of the University : APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY	City: Trichur
State : Kerala	Pin Code: 680604
A4. Type of the Institution: Self-Supported Institute	
A5. Ownership Status: Self financing	

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

- No. of UG programs: 7
- No. of PG programs: 2

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 Closed	Name of The Department
1	Engineering & Technology	UG	Artificial Intelligence and Data Science	2021	--	Artificial Intelligence and Data Science
2	Engineering & Technology	PG	Artificial Intelligence and Data Science	2024	--	Computer Science and Engineering
3	Engineering & Technology	UG	Civil Engineering	2003	--	Civil Engineering
4	Engineering & Technology	UG	Computer Science and Engineering	2003	--	Computer Science and Engineering
5	Engineering & Technology	PG	Computer Science and Engineering	2013	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2023	--	Computer Science and Engineering
7	Engineering & Technology	UG	Electrical and Electronics Engineering	2010	--	Electrical and Electronics Engineering

8	Engineering & Technology	UG	Electronics & Communication Engineering	2003	--	Electronics and Communication Engineering
9	Engineering & Technology	UG	Mechanical Engineering	2011	--	Mechanical Engineering

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

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

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Computer Science and Engineering	Yes	Computer Science and Engineering	UG

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)

Allied Department/Cluster Name	Program Name	Program Level
Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	UG

PART-B: Program information

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

Table No. B1: Program details.

A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Computer Science and Engineering	UG	2003 / --	60	Yes	2024	90	2024	1-4472401	Granted accreditation for 3 years for the period (specify period)	2023	2026	1	4

Sanctioned Intake for Last Five Years for the Computer Science and Engineering	
Academic Year	Sanctioned Intake
2025-26	90
2024-25	90
2023-24	60
2022-23	60
2021-22	60
2020-21	60

List of the Allied Departments/Cluster and Programs:

SR.NO.	ALLIED DEPARTMENT NAME	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY APPROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED
1	Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	UG	2021 / --	60	Yes	2024	90	2024	1-4472401	Not eligible for accreditation	--	--	0

Sanctioned Intake for Last Five Years for the Artificial Intelligence and Data Science	
Academic Year	Sanctioned Intake
2025-26	90
2024-25	90
2023-24	60
2022-23	60
2021-22	60
2020-21	0

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

A. Name of the HoD :	Dr. S P Predeep Kumar
B. Nature of appointment:	Regular
C. Qualification:	M.Tech and Ph.D.

B3. Program Details

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

Item (Information 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)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	90	90	60	60	60	60	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	84	69	52	60	50	60	47
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	0	2	5	2	5	12
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	5	4	3	3	3	3	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	89	73	57	68	55	68	59

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.

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio $[(N1/N)*100]$
2025-26 (CAY)	90	84	5	98.89
2024-25 (CAYm1)	90	69	4	81.11
2023-24 (CAYm2)	60	52	3	91.67

$$\text{Average } [(ER1 + ER2 + ER3) / 3] = 90.56 \approx 20.00$$

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).	62.00	65.00	132.00
B=No. of students who graduated from the program in the stipulated course duration	28.00	30.00	37.00
Success Rate (SR)= (B/A) * 100	45.16	46.15	28.03

$$\text{Average SR of three batches } ((SR_1 + SR_2 + SR_3)/3): 39.78$$

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 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
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)	5.20	4.77	5.26
Y=Total no. of successful students	67.00	55.00	61.00
Z=Total no. of students appeared in the examination	73.00	55.00	63.00
API $[X*(Y/Z)]$	4.77	4.77	5.09

$$\text{Average API} [(AP1+AP2+AP3)/3] : 4.88$$

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 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
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 2nd year/10)	5.57	4.94	5.92
Y=Total no. of successful students	55.00	66.00	52.00
Z=Total no. of students appeared in the examination	57.00	66.00	53.00
API $[X * (Y/Z)]$	5.37	4.94	5.81

$$\text{Average API} [(AP1 + AP2 + AP3)/3] : 5.37$$

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 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
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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)	5.33	5.89	5.78
Y=Total no. of successful students	66.00	51.00	67.00
Z=Total no. of students appeared in the examination	66.00	52.00	67.00
API [X*(Y/Z)]:	5.33	5.78	5.78

Average API [(AP1 + AP2 + AP3)/3] : 5.63

B9. Placement, Higher Studies, and Entrepreneurship

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

Item	LYG (2021-22)	LYGm1(2020-21)	LYGm2(2019-20)
FS*=Total no. of final year students	62.00	67.00	132.00
X=No. of students placed	17.00	28.00	28.00
Y=No. of students admitted to higher studies	0.00	3.00	1.00
Z= No. of students taking up entrepreneurship	0.00	1.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	27.42	47.76	21.97

Average Placement Index = (P_1 + P_2 + P_3)/3: 32.38 Placement Index Points:

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

Sr.No	Name of the Faculty	PAN No.	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)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr. S P Predeep Kumar	XXXXXXXX71K	M.Tech and Ph.D.	St Peter's University, Chennai	Wireless Sensor Networks	15/11/2019	6.3	Professor	Professor	15/11/2019	Regular	Yes		Yes
2	Ihsana Muhammed P	XXXXXXXX82F	M.E.	Anna University	Computer Science and Engineering	01/08/2014	11.7	Assistant Professor	Assistant Professor		Regular	Yes		No
3	Lemya Sainudeen	XXXXXXXX78R	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	04/05/2021	4.10	Assistant Professor	Assistant Professor		Regular	Yes		No
4	Nisha S M	XXXXXXXX08C	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	01/06/2021	4.9	Assistant Professor	Assistant Professor		Regular	Yes		No

5	Divya G Nair	XXXXXXXX92E	M.E.	Anna University	Computer Science and Engineering	05/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Roshmin Rizuvan	XXXXXXXX97F	M.E.	Anna University	Computer Networking and Engineering	19/06/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Dr. Vineetha Venugopal	XXXXXXXX66D	MCA and PhD	Bharathiar University	Data Mining	10/07/2024	1.7	Assistant Professor	Associate Professor	01/02/2025	Regular	Yes		No
8	Sooryaprabha T S	XXXXXXXX91G	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	10/07/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Ragendhu K P	XXXXXXXX39Q	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Systems Engineering	19/05/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Dr. Devi V	XXXXXXXX47Q	M.Tech and Ph.D.	National Institute of Technology-Tiruchirappalli	Renewable Energy and Feedback Controller	07/08/2019	6.6	Professor	Professor	07/08/2019	Regular	Yes		No
11	Lidhi P	XXXXXXXX47R	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	27/03/2023	2.11	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Imthiyas M P	XXXXXXXX16P	M.E.	Anna University	Computer Science and Engineering	21/07/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Thasnim K	XXXXXXXX99R	M.E.	Anna University	Computer Science and Engineering	07/08/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Dr. Vidya P	XXXXXXXX61F	M.E. and Ph.D.	Anna University	Multivariable Process Control	06/07/2010	15.7	Assistant Professor	Professor	04/07/2025	Regular	Yes		No
15	Anu Appukuttan	XXXXXXXX70F	M.Tech	CUSAT-Cochin University of Science And Technology	Computer and Information Science	13/02/2023	3	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Rafeea Hafiz Rahman	XXXXXXXX16K	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	17/07/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Rasheedha P	XXXXXXXX16B	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	17/07/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No

18	Malavika K S	XXXXXXXX95H	M.Tech	CUSAT-Cochin University of Science And Technology	Business Analytics & Intelligence (IT)	19/05/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Nahidha V A	XXXXXXXX87C	M.Tech	CUSAT-Cochin University of Science And Technology	Business Analytics & Intelligence (IT)	19/05/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Dr. Valsamma K M	XXXXXXXX48C	MCA and PhD	CUSAT-Cochin University of Science And Technology	Pattern Recognition	01/04/2023	2.11	Professor	Professor	01/04/2023	Regular	Yes		No
21	Shahna C P	XXXXXXXX93Q	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	30/12/2024	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Dr. P Suresh Venugopal	XXXXXXXX79L	M.E. and Ph.D.	Anna University	Information & Communication Engineering	26/03/2025	0.11	Professor	Professor	26/03/2025	Regular	Yes		No
23	Sithu Ubaid	XXXXXXXX94M	M.Tech	CUSAT-Cochin University of Science And Technology	IMAGE PROCESSING	21/07/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Neethu K	XXXXXXXX38K	M.Tech	Calicut University	Computer Science and Engineering	08/11/2021	3.6	Assistant Professor	Assistant Professor		Regular	No	27/05/2025	No
25	Rasha V P	XXXXXXXX26A	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	24/11/2021	3.5	Assistant Professor	Assistant Professor		Regular	No	09/05/2025	No
26	Dr. E Babu Raj	XXXXXXXX53G	M.E. and Ph.D.	Anna University	Information & Communication Engineering	01/03/2023	2.2	Professor	Professor	01/03/2023	Regular	No	09/05/2025	No
27	Priyanka P	XXXXXXXX69B	M.E.	Anna University	Computer Science and Engineering (Information and Communication Engineering)	15/01/2024	1.3	Assistant Professor	Assistant Professor		Regular	No	09/05/2025	No
28	Sabira P S	XXXXXXXX49R	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	26/08/2022	2.9	Assistant Professor	Assistant Professor		Regular	No	11/06/2025	No
29	Anju A P	XXXXXXXX89A	M.E.	Anna University	Computer Science and Engineering	17/07/2024	0.10	Assistant Professor	Assistant Professor		Regular	No	09/06/2025	No

30	Dr. Ram Mohan N R	XXXXXXXX80M	M.Tech and Ph.D.	Manonmaniam Sundaranar University-Tirunelveli	Computer and Information Technology	24/07/2023	1.9	Professor	Professor	24/07/2023	Regular	No	09/05/2025	No
31	Noora C K	XXXXXXXX92K	M.Tech	Calicut University	Computer Science and Engineering	11/03/2024	0.9	Assistant Professor	Assistant Professor		Regular	No	20/12/2024	No
32	Sreeshma P S	XXXXXXXX25A	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	28/09/2022	1.9	Assistant Professor	Assistant Professor		Regular	No	18/07/2024	No
33	Apsara Panicker	XXXXXXXX11E	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	03/09/2019	4.8	Assistant Professor	Assistant Professor		Regular	No	25/05/2024	No
34	Akshaya K P	XXXXXXXX54L	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	14/03/2024	0.9	Assistant Professor	Assistant Professor		Regular	No	20/12/2024	No

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

Sr.No	Name of the Faculty	PAN No.	APAAR faculty ID*(if any)	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)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr. Vidya P	XXXXXXXX61F	NA	M.E. and Ph.D.	Anna University	Multivariable Process Control	06/07/2010	15.8	Assistant Professor	Professor	04/07/2025	Regular	Yes		Yes
2	Dr. B Rahul	XXXXXXXX95F	NA	M.Sc. and PhD	Alagappa University	Cloud Security	25/07/2023	2.7	Assistant Professor	Associate Professor	08/07/2024	Regular	Yes		No
3	Dr Syam Mohan	XXXXXXXX49L	NA	M.Tech and Ph.D.	Sunrise University, Alwar	Robotics	22/07/2024	0.11	Professor	Professor	22/07/2024	Regular	No	04/07/2025	No
4	Amrutha M Chemmannur	XXXXXXXX09K	NA	M.E.	Anna University	Power Electronics & Drives	06/08/2010	15.7	Assistant Professor	Assistant Professor		Regular	Yes		No
5	Najiya Abdulrahiman	XXXXXXXX98J	NA	M.Tech	MG University	Communication Engineering	06/02/2014	12.1	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Rehna C A	XXXXXXXX17H	NA	M.Tech	National Institute of Technology	Signal Processing	06/04/2022	3.10	Assistant Professor	Assistant Professor		Regular	Yes		No

7	Shalu Makboon	XXXXXXXX01K	NA	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	19/04/2022	3	Assistant Professor	Assistant Professor		Regular	No	02/05/2025	No
8	Insha Muhammed Rafi	XXXXXXXX03R	NA	M.Tech	APJ Abdul Kalam Technological University	Structural Engineering	20/02/2023	1.2	Assistant Professor	Assistant Professor		Regular	No	03/05/2024	No
9	Anumol P S	XXXXXXXX05L	NA	M.Tech	APJ Abdul Kalam Technological University	Image Processing	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Neethu S Kumar	XXXXXXXX77L	NA	M.Tech	Kerala University	Digital Image Computing	10/07/2023	2.7	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Amal Thomas K	XXXXXXXX95P	NA	M.Tech	IIT Guwahati	Communication & Signal Processing	24/07/2023	2.7	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Sneha K A	XXXXXXXX45C	NA	M.Tech	Calicut University	Embedded Systems	24/07/2023	2.7	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Jeeshma John	XXXXXXXX14P	NA	M.E.	Anna University	Computer Science and Engineering	19/06/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mithun M	XXXXXXXX92L	NA	M.Tech	TKM College of Engineering-Autonomous	Artificial Intelligence	19/06/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Sincy V Thambi	XXXXXXXX22N	NA	M.Tech	Calicut University	Computer Science and Engineering	05/07/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Shanija P S	XXXXXXXX40D	NA	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	01/01/2025	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Karthik P G	XXXXXXXX12G	NA	M.E.	Anna University	Instrumentation Engineering	30/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No

C2. Student-Faculty Ratio (SFR)

No. of UG(Engineering) programs in Department including allied departments/ clusters (UGn):

UG1=1st UG program

UGn=nth 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 (PGm):

PG1=1st PG program.

PGm=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)).

No. of UG Programs in the Department3 No. of PG Programs in the Department2

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	62	60	0
UG1.C	60	0	0
UG1.D	0	0	0
UG1: Computer Science and Engineering (Cyber Security)	122	60	0
UG2.B	90	62	65
UG2.C	62	65	62
UG2.D	65	62	65
UG2: Computer Science and Engineering	217	189	192
UG3.B	92	60	62
UG3.C	60	62	60
UG3.D	62	60	0
UG3: Artificial Intelligence and Data Science	214	182	122
PG1.A	12	12	0
PG1.B	12	0	0
PG1: Artificial Intelligence and Data Science	24	12	0
PG2.A	12	12	12
PG2.B	12	12	24
PG2: Computer Science and Engineering	24	24	36
DS=Total no. of students in all UG and PG programs in the Department	387	285	228
AS=Total no. of students of all UG and PG programs in allied departments	214	182	122
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 601	S2= 467	S3= 350
DF=Total no. of faculty members in the Department	23	21	17
AF= Total no. of faculty members in the allied Departments	13	13	10
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 36	F2= 34	F3= 27
FF=The faculty members in F who have a 100% teaching load in the first-year courses	3	3	3
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 18.21	SFR2= 15.06	SFR3= 14.58
Average SFR for 3 years	SFR= 15.95		

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	FQ = $2.5 \times [(10X + 4Y) / RF]$
2025-26(CAY)	8	31	30.00	17.00
2024-25(CAYm1)	8	30	23.00	21.74
2023-24(CAYm2)	5	23	17.00	20.88

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = $1/9 * \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents.}$
- 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 RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	3.00	6.00	6.00	1.00	20.00	29.00
2024-25	2.00	6.00	5.00	0.00	15.00	28.00
2023-24	1.00	5.00	3.00	0.00	11.00	22.00
Average	RF1=2.00	AF1=5.67	RF2=4.67	AF2=0.33	RF2=15.33	AF2=26.33

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.

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Fepslin AthishMon S	Chief Operations Officer	Sugarcan Innovations Pvt Ltd	Cloud Computing	26.00
2	Fepslin AthishMon S	Chief Operations Officer	Sugarcan Innovations Pvt Ltd	Internet of Things	27.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Fepslin AthishMon S	Chief Operations Officer	Sugarcan Innovations Pvt Ltd	Cloud Computing	25.00
2	Fepslin AthishMon S	Chief Operations Officer	Sugarcan Innovations Pvt Ltd	Internet of Things	26.00

(CAYm3)

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	7	8	8
2	No. of peer reviewed conference papers published	10	10	25
3	No. of books/book chapters published	0	0	2

C7. Sponsored Research Project

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

(CAYm1)

(CAYm2)

(CAYm3)

Total Amount (Lacs) Received for the Past 3 Years: NIL**Note*:**

- Only sponsored research projects will be considered. Infrastructure-based projects will not be considered here.

C8. Consultancy Work

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

(CAYm1)

(CAYm2)

(CAYm3)

Total amount (Lacs) received for the past 3 years:**Note*:**

- Only consultancy projects will be considered. Infrastructure-based projects will not be considered here.

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.

(CAYm1)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Roshmin Rizuvan	Smart Road Flood Monitoring System Using IoT & Solar Power	1 year	0.30	0.30	Working prototype developed
			Amount received (Rs.): 0.30		

(CAYm2)

(CAYm3)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Rasha V P	Smart Agro Robot	1 year	0.50	0.50	Robot prototype developed
			Amount received (Rs.): 0.50		

Total amount (Lacs) received for the past 3 years : 0.80

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.

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important 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 Laboratory	60	Intel Pentium G7400/8G B RAM/256 GB	Odd: 60% Ever	Ms. Sathma K S	Instructor	Post Diploma
2	Advanced programming Laboratory	60	Intel G7400/8GB RAM/256 GB	Odd: 46.6% Ev	Ms. Rahana R M	Instructor	BCA
3	Project Laboratory	40	Intel Core i3/8GB RAM/256 GB	Odd: 40% Ever	Mr. Subish CS	Instructor	Diploma
4	Software Development Laboratory	60	Intel Core i3/8GB RAM/256 GB	Odd: 60% Ever	Mr. Anupkumar K	Instructor	Diploma
5	Computing Laboratory	15	Intel Dual Core 4GB RAM/500 GB HDD	Odd: 30% Ever	Silpa P S	Instructor	Diploma
6	Network Laboratory	15	Intel Dual Core 4GB RAM/500 GB HDD	Odd: 30% Ever	Mr. Anupkumar K	Instructor	Diploma
7	Hardware and Interfacing Laboratory	30	Intel Core i3/8GB RAM/256 GB	Odd: 25% Eve	Ms. Siji	Instructor	Diploma

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures

1	Programming Laboratory	1. Safety rules are displayed on the laboratory notice board. 2. Fire extinguishers. 3. Electrical systems are protected through Auto cut using MCB. 4. Usage of pen drive is strictly prohibited in the laboratories. 5. Do not reboot, turn OFF or move any workstation or PC. 6. Do not load any unauthorized software on the computer system. Only lab technicians are authorized to carry out these tasks. 7. Computers and peripherals are not allowed to be moved or reconfigured.
2	Advanced programming Laboratory	1. Safety rules are displayed on the laboratory notice board. 2. Fire extinguishers. 3. Electrical systems are protected through Auto cut using MCB. 4. Usage of pen drive is strictly prohibited in the laboratories. 5. Do not reboot, turn OFF or move any workstation or PC. 6. Do not load any unauthorized software on the computer system. Only lab technicians are authorized to carry out these tasks. 7. Computers and peripherals are not allowed to be moved or reconfigured
3	Project Laboratory	1. Safety rules are displayed on the laboratory notice board. 2. Fire extinguishers. 3. Electrical systems are protected through Auto cut using MCB. 4. Usage of pen drive is strictly prohibited in the laboratories. 5. Do not reboot, turn OFF or move any workstation or PC. 6. Do not load any unauthorized software on the computer system. Only lab technicians are authorized to carry out these tasks. 7. Computers and peripherals are not allowed to be moved or reconfigured.
4	Software Development Laboratory	1. Safety rules are displayed on the laboratory notice board. 2. Fire extinguishers. 3. Electrical systems are protected through Auto cut using MCB. 4. Usage of pen drive is strictly prohibited in the laboratories. 5. Do not reboot, turn OFF or move any workstation or PC. 6. Do not load any unauthorized software on the computer system. Only lab technicians are authorized to carry out these tasks. 7. Computers and peripherals are not allowed to be moved or reconfigured
5	Computing Laboratory	1. Safety rules are displayed on the laboratory notice board. 2. Fire extinguishers. 3. Electrical systems are protected through Auto cut using MCB. 4. Usage of pen drive is strictly prohibited in the laboratories. 5. Do not reboot, turn OFF or move any workstation or PC. 6. Do not load any unauthorized software on the computer system. Only lab technicians are authorized to carry out these tasks.
6	Network Laboratory	1. 1.Safety rules are displayed on the laboratory notice board. 2. Fire extinguishers. 3. Electrical systems are protected through Auto cut using MCB. 4. Usage of pen drive is strictly prohibited in the laboratories. 5. Do not reboot, turn OFF or move any workstation or PC. 6. Do not load any unauthorized software on the computer system. Only lab technicians are authorized to carry out these tasks. 7. Computers and peripherals are not allowed to be moved or reconfigured
7	Hardware and Interfacing Laboratory	1. Safety rules are displayed on the laboratory notice board. 2. Fire extinguishers. 3. Electrical systems are protected through Auto cut using MCB. 4. Usage of pen drive is strictly prohibited in the laboratories. 5. Do not reboot, turn OFF or move any workstation or PC. 6. Do not load any unauthorized software on the computer system. Only lab technicians are authorized to carry out these tasks. 7. Computers and peripherals are not allowed to be moved or reconfigured.

D3. Project Laboratory/Research Laboratory

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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))/RF
2023-24(CAYm2)	300	15	16	28	123

2024-25(CAYm1)	360	18	15	36	107
2025-26(CAY)	360	18	18	35	119

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 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
Infrastructure Built-Up	1200000	1200575	1200000	1157454	1500000	1734567	200000	1632465
Library	500000	189035	500000	283130	500000	244115	500000	152364
Laboratory equipment	2000000	3346738	1000000	198262	1000000	439070	2500000	3200120
Teaching and non-teaching staff salary	36000000	34494263	33000000	32838417	32000000	29362095	30000000	25794690
Outreach Programs	100000	90407	100000	70563	100000	60783	100000	75989
R&D	500000	379050	500000	217946	300000	217859	300000	182000
Training, Placement and Industry linkage	600000	545379	600000	553902	500000	436818	300000	275674
SDGs	200000	188329	200000	117768	200000	190368	200000	165232
Entrepreneurship	100000	112825	100000	90736	100000	98234	100000	95672
Others, specify	19800000	16780927	24800000	24119366	13800000	15445010	11800000	11903905
Total	61000000	57327528	62000000	59647544	50000000	48228919	46000000	43478111

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	1000000	1029005	300000	139652	300000	187814	500000	640024
Software	100000	80578	100000	87654	100000	98567	100000	94143
SDGs	40000	37665	40000	23553	40000	38073	40000	33046
Support for faculty development	100000	61675	100000	70689	100000	79567	25000	20987

R & D	100000	79876	100000	87567	75000	34567	75000	34654
Industrial Training, Industry expert, Internship	100000	70890	100000	88796	100000	101896	75000	64865
Miscellaneous Expenses*	1200000	1117775	1000000	1038598	1000000	1124041	1200000	1149609
Total	2640000	2477464	1740000	1536509	1715000	1664525	2015000	2037328