

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 : 11495	Date of Submission : 27-01-2026

PART A- Profile of the Institute

A1.Name of the Institute : SCMS School of Engineering & Technology	
Year of Establishment : 2001	Location of the Institute: Palissery
A2. Institute Address :SCMS School of Engineering and Technology Vidya Nagar, Palissery, Karukutty, Ernakulam - 683 576 Kerala.	
City:Ernakulam	State:Kerala
Pin Code:683576	Website:www.scmsgroup.org
Email:sset@scmsgroup.org	Phone No(with STD Code):0484-2882901
A3. Name and Address of the Affiliating University (if any) :	
Name of the University : A P J Abdul Kalam Technological University	City: Thiruvananthapuram
State : Kerala	Pin Code: 695016
A4. Type of the Institution : Any Other(Please Specify)	
A5. Ownership Status : Self financing	

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

- No. of UG programs: **10**
- No. of PG programs: **7**

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	Computer Application	PG	Master in Computer Applications	2006	--	Computer Science and Engineering
2	Engineering & Technology	UG	Automobile Engineering	2004	--	Automobile Engineering
3	Engineering & Technology	UG	CIVIL AND ENVIRONMENTAL ENGINEERING	2021	2023	Civil Engineering
4	Engineering & Technology	UG	Civil Engineering	2001	--	Civil Engineering
5	Engineering & Technology	PG	Communication Engineering	2013	2023	Electronics and Communication Engineering
6	Engineering & Technology	PG	Computer Aided Structural Engineering	2009	--	Civil Engineering
7	Engineering & Technology	UG	Computer Science and Engineering	2001	--	Computer Science and Engineering
8	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence)	2022	--	Artificial Intelligence and Data Science

9	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2021	--	Artificial Intelligence and Data Science
10	Engineering & Technology	PG	Computer Science and Information System	2012	2025	Computer Science and Engineering
11	Engineering & Technology	UG	Electrical and Electronics Engineering	2002	--	Electrical and Electronics Engineering
12	Engineering & Technology	UG	Electronics & Communication Engineering	2001	--	Electronics and Communication Engineering
13	Engineering & Technology	UG	Electronics Engineering (VLSI Design and Technology)	2023	--	Electronics and Communication Engineering
14	Engineering & Technology	PG	Environmental Engineering	2013	--	Civil Engineering
15	Engineering & Technology	UG	Mechanical Engineering	2001	--	Mechanical Engineering
16	Engineering & Technology	PG	Production and Industrial Engineering	2011	2025	Mechanical Engineering
17	Engineering & Technology	PG	VLSI & Embedded Systems	2012	2025	Electronics and Communication 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
Civil Engineering	No	Civil Engineering	UG
Mechanical Engineering	Yes	Mechanical Engineering	UG
Automobile Engineering	Yes	Automobile Engineering	UG
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	Computer Science and Engineering (Artificial Intelligence)	UG
Artificial Intelligence and Data Science	Computer Science and Engineering (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 ACCREDITE
1	Computer Science and Engineering	UG	2001 / --	40	Yes	2023	240	2023	F.No.South-West/1-36445304927/2023/EOA	Granted accreditation for 3 years for the period (specify period)	2020	2026	2

Sanctioned Intake for Last Five Years for the Computer Science and Engineering	
Academic Year	Sanctioned Intake
2025-26	240
2024-25	240
2023-24	240
2022-23	180
2021-22	120
2020-21	120

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 ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TC
1	Artificial Intelligence and Data Science	Computer Science and Engineering (Data Science)	UG	2021 / --	60	No	NA	60	2021	F.No.South-West/1-9321362341/2021/EOA	Not eligible for accreditation	--	--
2	Artificial Intelligence and Data Science	Computer Science and Engineering (Artificial Intelligence)	UG	2022 / --	30	Yes	2023	60	2023	F.No.South-West/1-36445304927/2023/EOA	Not eligible for accreditation	--	--

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 ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TC
Sanctioned Intake for Last Five Years for the Computer Science and Engineering (Artificial Intelligence)													
Academic Year			Sanctioned Intake										
2025-26			60										
2024-25			60										
2023-24			60										
2022-23			30										
2021-22			0										
2020-21			0										

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

A. Name of the HoD :	Dr. Manish T. I.
B. Nature of appointment:	Regular
C. Qualification:	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)	240	240	240	180	120	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	240	240	240	180	120	120	115
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	4	7	3	0	1	1
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	18	32	30	27	13	8	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	258	276	277	210	133	129	116

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]
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2025-26 (CAY)	240	240	18	107.50
2024-25 (CAYm1)	240	240	32	113.33
2023-24 (CAYm2)	240	240	30	112.50

$$\text{Average } [(ER1 + ER2 + ER3) / 3] = 111.11 \approx 100$$

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).	127.00	128.00	121.00
B=No. of students who graduated from the program in the stipulated course duration	128.00	128.00	116.00
Success Rate (SR)= (B/A) * 100	100.79	100.00	95.87

$$\text{Average SR of three batches } ((SR_1 + SR_2 + SR_3)/3): 98.89$$

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)
Mean of CGPA or mean percentage of all successful students(X)	7.77	7.47	8.00
Y=Total no. of successful students	264.00	265.00	205.00
Z=Total no. of students appeared in the examination	264.00	265.00	205.00
API [X*(Y/Z)]	7.77	7.47	8.00

$$\text{Average API} [(AP1+AP2+AP3)/3] : 7.75$$

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)	7.32	7.50	7.34
Y=Total no. of successful students	268.00	204.00	128.00
Z=Total no. of students appeared in the examination	272.00	208.00	131.00
API [X * (Y/Z)]	7.21	7.36	7.17

$$\text{Average API} [(AP1 + AP2 + AP3)/3] : 7.25$$

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)
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)	7.73	6.89	7.89
Y=Total no. of successful students	198.00	128.00	128.00
Z=Total no. of students appeared in the examination	204.00	128.00	129.00

API [X*(Y/Z)]:	7.50	6.89	7.83
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Average API [(AP1 + AP2 + AP3)/3] : 7.41

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	128.00	128.00	121.00
X=No. of students placed	96.00	76.00	81.00
Y=No. of students admitted to higher studies	0.00	0.00	0.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = $((X + Y + Z)/FS) * 100$:	75.00	59.38	66.94

Average Placement Index = $(P_1 + P_2 + P_3)/3$: 67.11 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.Varun G.Menon	XXXXXXXX01P	Ph.D	Sathyabama University	Computer Networks	04/06/2012	13.7	Assistant Professor	Professor	02/05/2022	Regular	Yes		No
2	Dr. Dhanya K. A.	XXXXXXXX06K	Ph.D	Amrita Vishwa Vidyapeetham, Coimbatore	Cyber Security	10/01/2005	21	Lecturer	Associate Professor	01/10/2025	Regular	Yes		No
3	Dr. Manish T. I.	XXXXXXXX00H	Ph.D	Manonmaniam Sundaranar University	Image Processing	01/08/2022	3.5	Professor	Professor		Regular	Yes		Yes
4	Dr. Deepa K.	XXXXXXXX87C	Ph.D	Bharathiar University	Information Security	01/11/2006	19.2	Lecturer	Associate Professor	01/07/2023	Regular	Yes		No
5	Dr. Noora V.T .	XXXXXXXX18D	Ph.D	Noorul Islam University	Networking	01/07/2024	1.6	Associate Professor	Associate Professor		Regular	Yes		No
6	Ms. Josna Philomina	XXXXXXXX08Q	M.Tech	M. G. University	Computer Science and Engineering	02/02/2007	18.11	Lecturer	Assistant Professor		Regular	Yes		No
7	Ms.Bini Omman	XXXXXXXX78P	M.E.	Anna University	Computer Science and Engineering	28/01/2008	18	Lecturer	Assistant Professor		Regular	Yes		No

8	Ms. Litty Koshy	XXXXXXXX98N	M.E.	Anna University	Computer Science and Engineering	01/06/2011	14.8	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Ms. Neethu Krishna	XXXXXXXX76F	M.Tech	MG University	Computer Science and Engineering	01/11/2021	4.2	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Ms. Surya S.G.	XXXXXXXX35M	M.E.	Anna university	Computer Science and Engineering	10/08/2022	3.5	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Ms. Doney Daniel	XXXXXXXX88R	M.E.	Anna University	Computer Science and Engineering	06/03/2023	2.10	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Ms. Meera V. M.	XXXXXXXX64N	M.Tech	CUSAT	Computer Science and Engineering	01/06/2023	2.7	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Ms. Sruthy K. Joseph	XXXXXXXX59H	M.Tech	M.G University	Computer Science and Engineering	10/07/2023	2.6	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Ms. Vyshna R. K.	XXXXXXXX22H	M.Tech	APJ Abdul Kalam Technological University	Image Processing	03/01/2024	2	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Mr. Anoop Jose	XXXXXXXX27L	M.Tech	Karunya University	Cyber Security	16/08/2023	2.5	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Ms. Sareena K. K.	XXXXXXXX29E	M.Tech	Manonmaniam Sundaranar University	Computer and Information technology	12/08/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Ms. Divya M .P.	XXXXXXXX35P	M.E.	University of Mumbai	Computer Science and Engineering	12/08/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Mr. Subin P. S.	XXXXXXXX35E	M.Tech	Manonmaniam Sundaranar University	Computer and Information technology	12/08/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Ms. Sanooja Beegam M.A.	XXXXXXXX92R	M.Tech	M.G University	Computer Science and Engineering	12/08/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Ms. Anisha V. Lal	XXXXXXXX32M	M.Tech	APJ Abdul Kalam Technological University	Image Processing	10/02/2025	0.11	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Ms. Julie siby	XXXXXXXX43R	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	12/08/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Ms. Hafeesa M. Habeeb	XXXXXXXX65P	M.Tech	M. G. University	Computer Science and Engineering	05/05/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No

23	Ms. Anu S.	XXXXXXXX54G	M.Tech	Dr. M.G.R. University	Computer Science & Engineering	02/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Ms. Neethu Roy	XXXXXXXX61H	M.E.	Anna University	Computer Science and Engineering	02/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Ms. Supriya T. B.	XXXXXXXX98G	M.Tech	CUSAT	Computer and Information Science	02/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Ms. Rini Joy	XXXXXXXX02P	M.Tech	CUSAT	Network Computing	02/08/2025	0.5	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Dr.Gokul G .N	XXXXXXXX58Q	Ph.D	VIT,Vellore	Cloud Computing	02/08/2025	0.5	Assistant Professor	Assistant Professor		Regular	Yes		No
28	Dr. Rosebell Paul	XXXXXXXX86M	Ph.D	Sathyabama University	Computer Science and Engineering	18/06/2012	13.7	Assistant Professor	Assistant Professor		Regular	Yes		No
29	Dr. Praveenkumar K.S	XXXXXXXX57A	Ph.D	Karpagam Academy of Higher Education	Computer Science	16/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
30	Ms. Soosan Francis	XXXXXXXX01M	M.E.	Anna University	Software Engineering	01/07/2024	0.10	Assistant Professor	Assistant Professor		Regular	No	28/05/2025	No
31	Ms. Sajmi Salam	XXXXXXXX90P	M.Tech	M. G. University	Computer Science and Engineering	01/08/2024	0.11	Assistant Professor	Assistant Professor		Regular	No	25/07/2025	No
32	Dr.Anu V.R.	XXXXXXXX16C	Ph.D	M G University	Computer Science and Engineering	01/08/2019	4.9	Associate Professor	Associate Professor		Regular	No	10/05/2024	No
33	Mr.Mahesh K M	XXXXXXXX12Q	M.Tech	IGNOU	Computer Science and Engineering	21/06/2022	2	Assistant Professor	Assistant Professor		Regular	No	12/07/2024	No
34	Ms.Anisha Antu	XXXXXXXX76G	M.E.	Anna University	Computer Science and Engineering	26/06/2023	1.1	Assistant Professor	Assistant Professor		Regular	No	09/08/2024	No
35	Ms. Rinsu Aravind	XXXXXXXX33C	M.Tech	M. G. University	Computer Science and Engineering	04/03/2024	1.3	Assistant Professor	Assistant Professor		Regular	No	12/06/2025	No
36	Ms. Deepa Johny	XXXXXXXX01M	M.Tech	Calicut University	Computer Science and Engineering	16/08/2023	1.9	Assistant Professor	Assistant Professor		Regular	No	26/05/2025	No
37	Ms. Geethu Radhakrishnan	XXXXXXXX93L	M.E.	Anna University	Computer Science and Engineering	01/07/2024	1	Assistant Professor	Assistant Professor		Regular	No	19/07/2025	No

38	Ms. Kavitha S.	XXXXXXXX62H	M.Tech	APJ Abdul Kalam Technological University	Cyber Security	04/03/2024	1.3	Assistant Professor	Assistant Professor		Regular	No	12/06/2025	No
39	Ms. Reshma K. V.	XXXXXXXX13K	M.Tech	M G University	Computer Science and Engineering	01/11/2022	2.8	Assistant Professor	Assistant Professor		Regular	No	23/07/2025	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. V. Suresh Kumar	XXXXXXXX46M	XXXXXXXXXX607	Ph.D	Manonmaniam Sundaranar University	Cloud Computing	15/10/2022	3.3	Professor	Professor		Regular	Yes		No
2	Dr. Sonal Ayyappan	XXXXXXXX66E	XXXXXXXXXX420	Ph.D	SRM Institute of Science and Technology, Chennai	Image Processing	07/06/2004	21.7	Assistant Professor	Associate Professor	01/01/2010	Regular	Yes		Yes
3	Dr. Sindhya K. Nambiar	XXXXXXXX88L	XXXXXXXXXX762	Ph.D	Cochin University of Science and Technology	Natural Language Processing	09/06/2003	22.7	Assistant Professor	Associate Professor	01/10/2024	Regular	Yes		No
4	Dr.Arshey M	XXXXXXXX51G	NA	Ph.D	Noorul Islam University	Cybersecurity	21/01/2008	18	Assistant Professor	Associate Professor	01/07/2023	Regular	Yes		No
5	Ms. Neenu Sebastian	XXXXXXXX43Q	XXXXXXXXXX611	M.Tech	Karunya University,Coimbatore	Computer Science and Engineering	01/06/2011	14.7	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Ms. Binu John	XXXXXXXX78J	XXXXXXXXXX585	M.E.	Anna University, Chennai	Computer Science and Engineering	02/07/2012	13.6	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Ms.Asha S	XXXXXXXX91G	XXXXXXXXXX330	M.E.	Anna University Thirunelveli	Embedded System Technology	01/06/2022	3.7	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Ms. Jisna Jaison T.	XXXXXXXX91H	XXXXXXXXXX051	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Information System	10/07/2023	2.6	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Ms. Shali Sara Abraham	XXXXXXXX33L	XXXXXXXXXX477	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	16/08/2023	2.5	Assistant Professor	Assistant Professor		Regular	Yes		No

10	Ms. Aiswarya Menon	XXXXXXXX89L	XXXXXXXXXX286	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Information System	16/08/2023	2.5	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Ms. Anita Babu	XXXXXXXX81P	XXXXXXXXXX496	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	02/12/2024	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Mr. Anvar Sadath A. K.	XXXXXXXX58K	XXXXXXXXXX227	M.E.	Vinayaka Mission University,Salem	Computer Science and Engineering	06/01/2025	1	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Ms. Anu Joseph	XXXXXXXX45M	XXXXXXXXXX672	M.E.	Anna University, Chennai	Computer Science and Engineering	02/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Dr. Susmi Jacob	XXXXXXXX74N	NA	Ph.D	APJ Abdul Kalam Technological University	Cybersecurity	16/08/2007	17	Assistant Professor	Assistant Professor		Regular	No	22/08/2024	No
15	Dr. Asha S.	XXXXXXXX91C	NA	Ph.D	APJ Abdul Kalam Technological University	Image Processing	24/06/2013	11	Assistant Professor	Assistant Professor		Regular	No	12/07/2024	No
16	Ms.Hima K.G	XXXXXXXX07P	NA	M.E.	Anna University, Chennai	Computer Science and Engineering	10/07/2023	1	Assistant Professor	Assistant Professor		Regular	No	19/07/2024	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 Department1

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	245	247	183
UG1.C	247	183	120
UG1.D	183	120	121
UG1: Computer Science and Engineering	675	550	424

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG2.B	60	63	30
UG2.C	63	30	0
UG2.D	30	0	0
UG2: Computer Science and Engineering (Artificial Intelligence)	153	93	30
UG3.B	60	61	60
UG3.C	61	60	60
UG3.D	60	60	0
UG3: Computer Science and Engineering (Data Science)	181	181	120
PG1.A	0	12	12
PG1.B	12	12	18
PG1: Computer Science and Information System	12	24	30
DS=Total no. of students in all UG and PG programs in the Department	687	574	454
AS=Total no. of students of all UG and PG programs in allied departments	334	274	150
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 1021	S2= 848	S3= 604
DF=Total no. of faculty members in the Department	29	28	19
AF= Total no. of faculty members in the allied Departments	13	10	13
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 42	F2= 38	F3= 32
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= 24.31	SFR2= 22.32	SFR3= 18.88
Average SFR for 3 years	SFR= 21.84		

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)	11	31	51.00	11.47
2024-25(CAYm1)	8	30	42.00	11.90
2023-24(CAYm2)	7	25	30.00	14.17

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	5.00	3.00	11.00	5.00	34.00	34.00
2024-25	4.00	3.00	9.00	4.00	28.00	31.00
2023-24	3.00	3.00	6.00	4.00	20.00	25.00
Average	RF1=4.00	AF1=3.00	RF2=8.67	AF2=4.33	RF2=27.33	AF2=30.00

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)

(CAYm2)

(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	19	25	24
2	No. of peer reviewed conference papers published	14	6	18
3	No. of books/book chapters published	1	0	1

C7. Sponsored Research Project

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

(CAYm1)

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) i.e. 15,25,000=15.25
Dr. Dhanya K. A.	Ms.Neethu Krishna	Department of Computer Science and Engineering	Cyberdome Website Updation	Cyberdome Kochi	on going	0.00
Ms. Josna Philomina	Dr.Varun G. Menon	Department of Computer Science and Engineering	Real-time Visualization of Trains, Signals, Tracks, and Level Crossings using FRMCS Technology for Indian Railways	Bharath Tech Foundation	6 Months	0.00
Ms. Josna Philomina	Dr.Varun G. Menon	Department of Computer Science and Engineering	Intelligent Solutions for Railway Safety and Information Management based on FRMCS.	Bharath Tech Foundation	6 Months	0.00
Dr.Sonal Ayyappan	Mr.Mahesh K.M	Department of Computer Science and Engineering	Enhancing the midday meal program through sustainale agricultural development in Kerala Schools	IEEE	2 Years	5.90
						Amount received (Rs.):5.90

(CAYm2)

(CAYm3)

Total Amount (Lacs) Received for the Past 3 Years: 5.90**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)

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) i.e. 15,25,000=15.25
Ms. Asha S.	NA	Department of Computer Science and Engineering	Developing ultra lowcost and simplified device for water level monitoring	Research seedmoney KTU	3 YEARS	0.51
Dr.Varun G. Menon	NA	Department of Computer Science and Engineering	Early Detection of Suicidal Ideation using Artificial Intelligence, Integrating nical Expertise and Social Media Contents.	Indian Council of Social Science Research (ICSSR)	1 YEAR	7.50
						Amount received (Rs.):8.01

(CAYm2)

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) i.e. 15,25,000=15.25
Ms. Asha S.	NA	Department of Computer Science and Engineering	Multimodel Ensemble Deepfake detection using visual-audio-textual features	Research seedmoney KTU	6 Months	1.59
Ms. Susmi Jacob	NA	Department of Computer Science and Engineering	Context Auth- an implicit authentication system for smart phones	Research seedmoney KTU	6 Months	0.75
						Amount received (Rs.):2.34

(CAYm3)

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) i.e. 15,25,000=15.25
NA	NA	NA	NA	NA	NA	
						Amount received (Rs.):0

Total amount (Lacs) received for the past 3 years: 10.35

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
			Amount received (Rs.): 0		

(CAYm2)

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
Dr.Varun G. Menon	Quantum computing in India: Recent developments and future	6 MONTHS	0.20	0.20	Paper Published
Ms. Neethu Krishna	"Training and Classification of PCA with LRM model for Diabetes Prediction"	6 MONTHS	0.20	0.20	Paper Published
Dr.Varun G. Menon	Advanced Wearable Sensors for Smart Monitoring and Disease Prediction	6 MONTHS	0.50	0.50	Paper Published
Dr.Varun G. Menon	Computational Intelligence and Advanced Learning for Next-Generation Industrial IoT	6 MONTHS	0.50	0.50	Paper Published
Ms.Litty Koshy	Detection of Speech Emotions Using Deep Learning Techniques	6 MONTHS	0.10	0.10	Paper Published
			Amount received (Rs.): 1.50		

(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
Dr. Varun G. Menon	Internet of things-based optimized routing and big data gathering system for landslide detection	6 months	3.00	3.00	Paper Published
			Amount received (Rs.): 3.00		

Total amount (Lacs) received for the past 3 years : 4.50

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	Computer Lab 1	33	Intel/i3/8GB RAM/500GB SSD	29	Mr. Amal P. T.	Computer Lab Assistant	Diploma in Computer H
2	Computer Lab 2	35	Gigabyte/i3/4GB RAM/500GB HDD	30	Mr. Amal P. T.	Computer Lab Assistant	Diploma in Computer H
3	Computer Lab 3	59	Gigabyte/i5/16GB DDR4 RAM/256GB NVMe	30	Mr. Deljo Paul	Computer Lab Assistant	Diploma in Hardware &
4	Computer Lab 4(Slot-1)	41	"Gigabyte/i5 4th Gen/16GB RAM/500GB SDD "	27	Mr. Sumesh N. K.	Computer Lab Assistant	Diploma in Information 1
5	Computer Lab 4(Slot-2)	36	Gigabyte/i5 10th Gen/8GB DDR4 RAM/512GB SSD	30	Mr. Sumesh N. K.	Computer Lab Assistant	Diploma in Information 1
6	Computer Lab 4(Slot-3)	8	Gigabyte/i3/8GB RAM/500GB HDD	3	Mr. Sumesh N. K.	Computer Lab Assistant	Diploma in Information 1
7	Computer Lab 5	72	Gigabyte/i5 3rd Gen/8GB RAM/256GB SSD	32	Ms. Sushetha P. K.	Instructor	Diploma in Computer Er
8	Computer Lab 6	72	PowerX/i5 3rd Gen/16GB DDR3 RAM/256GB SSD	30	Mr. Rajeev K. J.	Computer Lab Assistant	Diploma in Hardware &
9	Computer Lab 7 (PG Lab)	35	Gigabyte/i7 3rd Gen/8GB DDR3 RAM/500GB HDD	34	Mr. Justin Mathew	Instructor	Diploma In Electronics &
10	Central Computing Facility (Slot -1)	60	Intel/i3 3rd Gen /4GB DDR3 RAM/500GB SSD/HDD	32	Ms. Asha Jacob	Instructor	Diploma in Computer Er
11	Central Computing Facility (Slot -2)	40	Gigabyte/i3 10th Gen/8GB DDR4 RAM/512GB SSD	33	Mr. Ajish K. K.	Instructor	Diploma In Electronics &
12	Central Computing Facility (Slot -3)	34	Gigabyte/i7 12th Gen/16GB DDR4 RAM/500GB NVMe	30	Mr. Joel Antony	Computer Lab Assistant	Diploma in Computer Er
13	Computer Lab 8	72	Intel Core i5/14th Gen with Graphic Card 2GB,Gigabyte B760M MB, 16GB DDR5 RAM, 512GB NVMe	72	Mr. Rayis Rahim	Computer Lab Assistant	Diploma in Coputer Har

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures

1	Computer Lab 1	1. General Rules of Conduct in Laboratory are displayed 2. Specific Safety Rules for students are displayed 3. First aid box 4. Well trained technical supporting staff 5. Avoiding the use of damaged equipment and providing needful equipment and components 6. Periodical servicing of the lab equipment 7. Maintaining a clean and organized laboratory
2	Computer Lab 2	1. General Rules of Conduct in Laboratory are displayed 2. Specific Safety Rules for students are displayed 3. First aid box 4. Well trained technical supporting staff 5. Avoiding the use of damaged equipment and providing needful equipment and components 6. Periodical servicing of the lab equipment 7. Maintaining a clean and organized laboratory
3	Computer Lab 3	1. General Rules of Conduct in Laboratory are displayed 2. Specific Safety Rules for students are displayed 3. First aid box 4. Well trained technical supporting staff 5. Avoiding the use of damaged equipment and providing needful equipment and components 6. Periodical servicing of the lab equipment 7. Maintaining a clean and organized laboratory
4	Computer Lab 4	1. General Rules of Conduct in Laboratory are displayed 2. Specific Safety Rules for students are displayed 3. First aid box 4. Well trained technical supporting staff 5. Avoiding the use of damaged equipment and providing needful equipment and components 6. Periodical servicing of the lab equipment 7. Maintaining a clean and organized laboratory
5	Computer Lab 5	1. General Rules of Conduct in Laboratory are displayed 2. Specific Safety Rules for students are displayed 3. First aid box 4. Well trained technical supporting staff 5. Avoiding the use of damaged equipment and providing needful equipment and components 6. Periodical servicing of the lab equipment 7. Maintaining a clean and organized laboratory
6	Computer Lab 6	1. General Rules of Conduct in Laboratory are displayed 2. Specific Safety Rules for students are displayed 3. First aid box 4. Well trained technical supporting staff 5. Avoiding the use of damaged equipment and providing needful equipment and components 6. Periodical servicing of the lab equipment 7. Maintaining a clean and organized laboratory
7	Computer Lab 7 (PG Lab)	1. General Rules of Conduct in Laboratory are displayed 2. Specific Safety Rules for students are displayed 3. First aid box 4. Well trained technical supporting staff 5. Avoiding the use of damaged equipment and providing needful equipment and components 6. Periodical servicing of the lab equipment 7. Maintaining a clean and organized laboratory
8	Computer Lab 8	1. General Rules of Conduct in Laboratory are displayed 2. Specific Safety Rules for students are displayed 3. First aid box 4. Well trained technical supporting staff 5. Avoiding the use of damaged equipment and providing needful equipment and components 6. Periodical servicing of the lab equipment 7. Maintaining a clean and organized laboratory
9	Central Computing Facility	1. General Rules of Conduct in Laboratory are displayed 2. Specific Safety Rules for students are displayed 3. First aid box 4. Well trained technical supporting staff 5. Avoiding the use of damaged equipment and providing needful equipment and components 6. Periodical servicing of the lab equipment 7. Maintaining a clean and organized laboratory
10	Project Lab	1. General Rules of Conduct in Laboratory are displayed 2. Specific Safety Rules for students are displayed 3. First aid box 4. Well trained technical supporting staff 5. Avoiding the use of damaged equipment and providing needful equipment and components 6. Periodical servicing of the lab equipment 7. Maintaining a clean and organized laboratory

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)	570	28	20	39	85
2024-25(CAYm1)	570	28	21	46	93
2025-26(CAY)	600	30	22	62	100

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	43531343	16602475	11875000	11615668	10393000	10639088	4360000	5801990
Library	2710000	147946	3210000	2336254	2725000	2624541	935000	1131131
Laboratory equipment	950000	365959	1100000	1129983	1090000	1227505	645000	621098
Teaching and non-teaching staff salary	111000000	55537479	104335000	108037032	101235000	105766932	103300000	102334817
Outreach Programs	2835000	1508343	2330000	2214708	2325000	2344399	0	0
R&D	2500000	0	1200000	1102538	1500000	1186462	2500000	3551945
Training, Placement and Industry linkage	3000000	1129768	3870000	4131963	2750000	2639251	750000	1406579
SDGs	0	0	0	0	0	0	0	0
Entrepreneurship	3500000	2956793	3000000	3377622	1500000	1384584	1000000	1008780
Others, specify	122280000	45169816	110960000	116945808	101607000	103135834	101635000	91747357
Total	292306343	123418579	241880000	250891576	225125000	230948596	215125000	207603697

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	5800000.00	5714173.20	3500000	3491951.50	1500000	1261538.43	1750000.00	1665010.00
Software	0	0	700000.00	610972.00	0	0	0	0
SDGs	0	0	0	0	0	0	0	0
Support for faculty development	10000.00	2000	10000.00	10200	10000.00	3600	10000.00	2000
R & D	500000.00	500000.00	200000.00	7500.00	200000.00	40000.00	200000.00	200000.00
Industrial Training, Industry expert, Internship	0	0	1087000.00	1087000.00	536800.00	536800.00	0	0
Maintenance and Spares, Lab Consumables	600000.00	568463.00	600000.00	506186.00	150000.00	158625.00	750000.00	746687.00
Total	6910000.00	6784636.20	6097000.00	5713809.50	2396800.00	2000563.43	2710000.00	2613697.00