

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Information Technology	Discipline : Engineering & Technology
Level : Under Graduate	Tier : 2
Application No : 11480	Date of Submission : 13-01-2026

PART A- Profile of the Institute

A1.Name of the Institute: Toc H Institute of Science and Technology	
Year of Establishment : 2002	Location of the Institute: Kerala
A2. Institute Address: Arakunnam, Ernakulam Pin-682 313 Kerala	
City:Ernakulam	State:Kerala
Pin Code:682313	Website:www.tistcochin.edu.in
Email:principal@tistcochin.edu.in	Phone No(with STD Code):0484-2748388
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: Self-Supported Institute	
A5. Ownership Status: Self financing	

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

- No. of UG programs: 9
- No. of PG programs: 6

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	Civil Engineering	2006	--	Civil Engineering
2	Engineering & Technology	UG	Computer Science and Engineering	2002	--	Computer Science and Engineering
3	Engineering & Technology	PG	Construction Engineering & Management	2013	--	Civil Engineering
4	Engineering & Technology	PG	Data Science	2020	--	Computer Science and Engineering
5	Engineering & Technology	UG	Electrical and Computer Engineering	2020	--	Electrical and Computer Engineering
6	Engineering & Technology	UG	Electrical and Electronics Engineering	2004	--	Electrical and Electronics Engineering
7	Engineering & Technology	UG	Electronics & Communication Engineering	2002	--	Electronics and Communication Engineering
8	Engineering & Technology	UG	Information Technology	2002	--	Information Technology

9	Engineering & Technology	UG	Mechanical Engineering	2006	--	Mechanical Engineering
10	Engineering & Technology	PG	Power Electronics	2012	2024	Electrical and Electronics Engineering
11	Engineering & Technology	UG	Robotics and Automation	2019	--	Robotics and Automation
12	Engineering & Technology	UG	Safety & Fire Engineering	2011	--	Safety and Fire Engineering
13	Engineering & Technology	PG	Thermal Engineering	2013	2024	Mechanical Engineering
14	Engineering & Technology	PG	Wireless Technology	2011	2024	Electronics and Communication Engineering
15	Management	PG	Masters in Business Administration	2008	--	Management

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
Information Technology	Yes	Information Technology	UG
Robotics and Automation	Yes	Robotics and Automation	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
Computer Science and Engineering	Computer Science and Engineering	UG
Computer Science and Engineering	Data Science	PG

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 APPROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Information Technology	UG	2002 / --	60	Yes	2025	60	2025	F.No. South-West/1-44643167176/2025/EOA Dated: 05-Apr-2025	Applying first time	--	--	0	4

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
Sanctioned Intake for Last Five Years for the Information Technology														
Academic Year			Sanctioned Intake											
2025-26			60											
2024-25			30											
2023-24			30											
2022-23			30											
2021-22			30											
2020-21			30											

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	TO	NO. OF TIMES PROGRAM ACCREDI
1	Computer Science and Engineering	Data Science	PG	2020 / --	18	Yes	2024	21	2024	F.No. South-West/1-43662717850/2024/EOA Dated: 24-May-2024	Eligible but not applied	--	--	0
Sanctioned Intake for Last Five Years for the Data Science														
Academic Year			Sanctioned Intake											
2025-26			21											
2024-25			21											
2023-24			12											
2022-23			12											
2021-22			12											
2020-21			18											
2	Computer Science and Engineering	Computer Science and Engineering	UG	2002 / --	60	Yes	2025	180	2025	F.No. South-West/1-44643167176/2025/EOA Dated: 05-April-2025	Granted accreditation for 3 years for the period (specify period)	2023	2026	3

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
Sanctioned Intake for Last Five Years for the Computer Science and Engineering														
Academic Year			Sanctioned Intake											
2025-26			180											
2024-25			150											
2023-24			120											
2022-23			120											
2021-22			90											
2020-21			90											

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

A. Name of the HoD :	Dr Rasmi P. S
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)	60	30	30	30	30	30	30
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	42	29	26	27	30	19	18
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	0	0	0	0	0	0
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	0	0	0	0	1	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	42	29	26	27	31	19	18

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)	60	42	0	70.00

2024-25 (CAYm1)	30	29	0	96.67
2023-24 (CAYm2)	30	26	0	86.67

$$\text{Average } [(ER1 + ER2 + ER3) / 3] = 84.45 \approx 17.00$$

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).	31.00	30.00	30.00
B=No. of students who graduated from the program in the stipulated course duration	25.00	11.00	18.00
Success Index [SI = Y / X]	0.81	0.37	0.60

$$\text{Average SR of three batches } ((SR_1 + SR_2 + SR_3)/3): 0.59$$

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)	6.60	6.40	6.50
Y=Total no. of successful students	29.00	26.00	27.00
Z=Total no. of students appeared in the examination	29.00	26.00	27.00
API [X*(Y/Z)]	6.60	6.40	6.50

$$\text{Average API} [(AP1+AP2+AP3)/3] : 6.50$$

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)	6.90	6.00	7.60
Y=Total no. of successful students	26.00	27.00	31.00
Z=Total no. of students appeared in the examination	26.00	27.00	31.00
API [X * (Y/Z)]	6.90	6.00	7.60

$$\text{Average API } [(AP1 + AP2 + AP3)/3] : 6.83$$

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)	6.10	7.20	6.20
Y=Total no. of successful students	27.00	31.00	19.00
Z=Total no. of students appeared in the examination	27.00	31.00	19.00

API [X*(Y/Z)]:	6.10	7.20	6.20
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Average API [(AP1 + AP2 + AP3)/3] : 6.50

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	31.00	30.00	30.00
X=No. of students placed	20.00	10.00	14.00
Y=No. of students admitted to higher studies	0.00	2.00	4.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	64.52	40.00	60.00

Average Placement Index = (P_1 + P_2 + P_3)/3: 54.84 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 Rasmi P. S	XXXXXXX20H	Ph.D	Anna University	Cryptography and Data Security	15/10/2009	16.3	Lecturer	Professor	01/07/2024	Regular	Yes		Yes
2	Smitha Mohan M	XXXXXXX27C	M.E.	Anna University	Computer Science and Engineering	04/09/2007	18.4	Lecturer	Assistant Professor		Regular	Yes		No
3	Kurien Thampy	XXXXXXX67D	M.E.	Anna University	Computer Science and Engineering	20/06/2011	14.6	Lecturer	Assistant Professor		Regular	Yes		No
4	Ajayakumar M V	XXXXXXX54L	M.E.	Anna University	Computer Science and Engineering	01/12/2011	14.1	Lecturer	Assistant Professor		Regular	Yes		No
5	Sandhya C P	XXXXXXX95F	M.E.	Anna University	Computer Science and Engineering	04/06/2012	13.7	Lecturer	Assistant Professor		Regular	Yes		No
6	Neomi Nelin Nicholas	XXXXXXX84H	M.Tech	CUSAT	Computer Science (Data Security)	14/11/2014	11.2	Lecturer	Assistant Professor		Regular	Yes		No

7	Priya Saira Mathews	XXXXXXXX35D	M.E.	Anna University	Computer Science and Engineering	01/06/2022	3.7	Assistant Professor	Assistant Professor		Regular	Yes		No
8	NifasathPiyar S	XXXXXXXX55C	M.E.	Anna University	Computer Science and Engineering	05/02/2025	0.11	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		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. N.Vishwanath	XXXXXXXX01J	XXXXXXXXXX481	Ph.D	Manomaniyam Sundaranar Univesity	Computer & Information Technology- Image Processing	24/06/2013	12.6	Professor	Professor	24/06/2013	Regular	Yes		No
2	Dr. Sreela Sreedhar	XXXXXXXX94J	XXXXXXXXXX204	Ph.D	Anna University	Computer Science & Engineering- Data Security	01/07/2004	21.6	Assistant Professor	Associate Professor	01/11/2010	Regular	Yes		Yes
3	Dr. Sajith P J	XXXXXXXX04R	XXXXXXXXXX552	Ph.D	Sathyabama University	Computer & Communication Engineering	07/09/2020	5.4	Assistant Professor	Associate Professor	01/04/2025	Regular	Yes		No
4	Elsaba Jacob	XXXXXXXX72H	XXXXXXXXXX199	M.Tech	Sathyabama University	Information Technology	14/12/2009	16.1	Assistant Professor	Associate Professor	02/06/2025	Regular	Yes		No
5	Ashly Joseph	XXXXXXXX65F	XXXXXXXXXX881	M.E.	Anna University	Computer Science & Engineering	20/07/2012	13.5	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Sonu Kuriakose	XXXXXXXX41P	XXXXXXXXXX522	M.Tech	KTU	Computer Science & Engineering- Data Security	01/11/2021	4.2	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Divya K. B	XXXXXXXX65B	XXXXXXXXXX639	M.Tech	M.G university	Information Technology- Network Engineering	08/12/2021	4.1	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Mima Manual	XXXXXXXX35R	XXXXXXXXXX548	M.Tech	CUSAT	Computer Science & Engineering- Data Security	01/06/2022	3.7	Assistant Professor	Assistant Professor		Regular	Yes		No

9	Chintu P Chacko	XXXXXXXX43R	XXXXXXXXXX384	M.Tech	KTU	Computer Science & Engineering- Networks	29/08/2022	3.4	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Sharath P Raju	XXXXXXXX07D	XXXXXXXXXX862	M.E.	Anna University	Computer Science & Engineering	13/02/2023	2.10	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Bini Mol N C	XXXXXXXX04K	XXXXXXXXXX442	M.E.	Anna University	Computer Science & Engineering	01/07/2024	1.6	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
12	Anjaly Paul	XXXXXXXX86G	XXXXXXXXXX929	M.Tech	M.G university	Information Systems	29/08/2024	1.4	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
13	Priya Jose	XXXXXXXX84B	NA	M.Tech	Christ University	Computer Science & Engineering	06/01/2025	1	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
14	Chinnu Edwin A	XXXXXXXX08C	XXXXXXXXXX897	M.Tech	M.G University	Computer Science & Engineering	06/01/2025	1	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
15	Aswathy Ramakrishnan	XXXXXXXX00H	XXXXXXXXXX533	M.Tech	KTU	Image Processing	13/01/2025	0.11	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
16	Chitra C Sekhar	XXXXXXXX22A	NA	M.Tech	CUSAT	Computer and Information Science	17/06/2025	0.6	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
17	Adeena K D	XXXXXXXX11C	XXXXXXXXXX169	M.Tech	Amrita Vishwa Vidyapeetham	Computer Science & Engineering	17/06/2025	0.6	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
18	Saira Shamsudheen K S	XXXXXXXX29M	XXXXXXXXXX227	M.Tech	KTU	Computer and Information Science	17/06/2025	0.6	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
19	Anju Kuriakose	XXXXXXXX36M	XXXXXXXXXX258	M.Tech	CUSAT	Computer Science & Engineering	01/07/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Roja Thomas	XXXXXXXX23P	XXXXXXXXXX922	M.Tech	KTU	Computer Science & Engineering	01/07/2025	0.6	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
21	Amala George	XXXXXXXX94A	XXXXXXXXXX561	M.Tech	KTU	Computer Science & Engineering	01/07/2025	0.6	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
22	Arun Kumar	XXXXXXXX34J	XXXXXXXXXX833	M.E.	Vinayaka Mission University	Computer Science & Engineering	01/07/2025	0.6	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
23	Haritha V R	XXXXXXXX17B	XXXXXXXXXX020	M.Tech	University of Calicut	Computer Science & Engineering	02/07/2025	0.6	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No

24	Saniya P M	XXXXXXX49E	XXXXXXXXXX348	M.Tech	Visvesvaraya Technological University	Computer Science & Engineering	15/07/2025	0.5	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
25	Anju Babu	XXXXXXX33Q	XXXXXXXXXX390	M.Tech	KTU	Computer Science & Engineering	21/07/2025	0.5	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
26	Jisha Mariam Jacob	XXXXXXX23G	XXXXXXXXXX434	M.Tech	KTU	Computer and Information Science	01/08/2025	0.5	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
27	Manju C N	XXXXXXX85Q	XXXXXXXXXX768	M.Tech	Anna University	Computer Science & Engineering	01/08/2025	0.5	Assistant Professor	Assistant Professor		Regular	Yes		No
28	Santhi N M	XXXXXXX28F	XXXXXXXXXX025	M.E.	Anna University	Communication and Networking	01/08/2025	0.5	Assistant Professor	Assistant Professor		Regular	Yes		No
29	Arathi K Chandran	XXXXXXX49H	NA	M.Tech	CUSAT	Data Security	01/07/2024	1.6	Assistant Professor	Assistant Professor		Contractual Fulltime	No	03/01/2026	No
30	Asha Thomas	XXXXXXX02D	NA	M.Tech	M.G University	Cyber Security	24/02/2025	0.4	Assistant Professor	Assistant Professor		Contractual Fulltime	No	01/07/2025	No
31	Vidhya Vijayan	XXXXXXX55R	NA	M.Tech	KTU	Computer Science & Engineering	01/07/2024	0.11	Assistant Professor	Assistant Professor		Contractual Fulltime	No	30/06/2025	No
32	Leema Mathew	XXXXXXX86R	NA	M.Tech	CUSAT	Computer & Information Science	29/08/2022	2.9	Assistant Professor	Assistant Professor		Regular	No	28/06/2025	No
33	Shini Sam	XXXXXXX68F	NA	M.Tech	Karunya University	Network and Internet Engineering	17/07/2024	0.11	Assistant Professor	Assistant Professor		Contractual Fulltime	No	28/06/2025	No
34	Cinu Skaria	XXXXXXX39A	NA	M.E.	Anna University	Computer Science & Engineering	22/08/2022	2.9	Assistant Professor	Assistant Professor		Regular	No	30/05/2025	No
35	Bibin Vincent	XXXXXXX75B	NA	M.Tech	Karunya University	Network and Internet Engineering	19/08/2024	0.9	Assistant Professor	Assistant Professor		Contractual Fulltime	No	24/05/2025	No
36	Nimina George	XXXXXXX10P	NA	M.Tech	KTU	Computer Science & Engineering-Data Security	01/11/2021	3.6	Assistant Professor	Assistant Professor		Regular	No	07/05/2025	No
37	Suchithra S	XXXXXXX97Q	NA	M.Tech	CUSAT	Software Engineering	02/08/2023	1.4	Assistant Professor	Assistant Professor		Regular	No	09/12/2024	No
38	Sreeja S	XXXXXXX88K	NA	M.E.	Anna University	Computer Science & Engineering	02/08/2023	1.4	Assistant Professor	Assistant Professor		Contractual Fulltime	No	31/12/2024	No
39	Philo Sumi	XXXXXXX96F	NA	M.Tech	Calicut University	Computer Science & Engineering	21/08/2023	1.3	Assistant Professor	Assistant Professor		Contractual Fulltime	No	13/12/2024	No

40	Leda Kamal	XXXXXXXX81Q	NA	M.Tech	Anna University	Computer Science & Engineering	09/08/2007	17.3	Assistant Professor	Assistant Professor		Regular	No	29/11/2024	No
41	Baazil P Thampy	XXXXXXXX27E	NA	M.E.	Anna University	Computer Science & Engineering	24/08/2023	1	Assistant Professor	Assistant Professor		Contractual Fulltime	No	23/08/2024	No
42	Jacob Jose Chemmankuzha	XXXXXXXX27N	NA	M.Tech	KTU	Network Engineering	24/08/2023	0.11	Assistant Professor	Assistant Professor		Contractual Fulltime	No	16/08/2024	No
43	Dr. Jesna Anver	XXXXXXXX07L	NA	Ph.D	CUSAT	Computational Engineering & Networking-Computer Vision and Machine Learning	01/07/2013	11.1	Associate Professor	Associate Professor	01/07/2013	Regular	No	01/08/2024	No
44	Dr. Saira Varghese	XXXXXXXX20P	NA	Ph.D	Noorul Islam Centre for Higher Education	Computer Science & Engineering-Data Security	11/06/2007	17.1	Assistant Professor	Associate Professor	02/01/2023	Regular	No	15/07/2024	No
45	Mithu Mary George	XXXXXXXX38J	NA	M.Tech	CUSAT	Computer Science & Engineering-Data Security	15/06/2013	10.7	Assistant Professor	Assistant Professor		Regular	No	31/01/2024	No
46	Rinu Rose George	XXXXXXXX19N	NA	M.E.	Anna University	Computer Science & Engineering	15/06/2013	10.2	Assistant Professor	Assistant Professor		Regular	No	11/09/2023	No
47	Sherine Sebastian	XXXXXXXX96N	NA	M.Tech	CUSAT	Computer Science & Engineering-Image Processing	01/11/2021	1.10	Assistant Professor	Assistant Professor		Regular	No	11/09/2023	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 Department1 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	30	30	30
UG1.C	30	30	30
UG1.D	30	30	30
UG1: Information Technology	90	90	90
UG2.B	153	124	122
UG2.C	124	122	90
UG2.D	122	90	92
UG2: Computer Science and Engineering	399	336	304
PG1.A	21	21	12
PG1.B	21	12	12
PG1: Data Science	42	33	24
DS=Total no. of students in all UG and PG programs in the Department	90	90	90
AS=Total no. of students of all UG and PG programs in allied departments	441	369	328
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 531	S2= 459	S3= 418
DF=Total no. of faculty members in the Department	8	7	7
AF= Total no. of faculty members in the allied Departments	28	19	21
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 36	F2= 26	F3= 28
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= 14.75	SFR2= 17.65	SFR3= 14.93
Average SFR for 3 years	SFR= 15.78		

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)	4	32	26.00	16.15
2024-25(CAYm1)	4	22	22.00	14.55
2023-24(CAYm2)	5	23	20.00	17.75

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	2.00	2.00	5.00	2.00	17.00	16.00
2024-25	2.00	2.00	5.00	1.00	15.00	17.00
2023-24	2.00	1.00	4.00	4.00	13.00	19.00
Average	RF1=2.00	AF1=1.67	RF2=4.67	AF2=2.33	RF2=15.00	AF2=17.33

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	Akhil Shan	Head	Aesthetics Innovations	Competitive Coding Workshop	15.00
2	Akhil Raj	Senior Associate	Aesthetics Innovations	Python Coding Workshop	30.00
3	Vaishnavi	Senior Associate	Aesthetics Innovations	Python Programming Workshop	15.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Sandheep V S	Head Client Relations	Pragmatix Learning	Career Orientation and Induction Training	18.00
2	Manisha	Senior Associate	Aesthetics Innovations	Aptitude Training Course	30.00
3	Vaishnavi	Senior Associate	Aesthetics Innovations	Verbal Reasoning Training Course	30.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Reena	Senior Associate	Aesthetics Innovations	Interview and Resume Traini	18.00
2	Vaishnavi	Senior Associate	Aesthetics Innovations	Aptitude and Technical Training	36.00
3	Akhil Raj	Senior Associate	Aesthetics Innovations	GD and Advanced Technical Training	36.00

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	0	0
2	No. of peer reviewed conference papers published	0	4	1
3	No. of books/book chapters published	0	0	0

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
Dr Rasmi P S	Research Lab		0.75	0.75	
			Amount received (Rs.): 0.75		

(CAYm2)

(CAYm3)

Total amount (Lacs) received for the past 3 years : 0.75

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	IT Programming Lab 1	30	Intel Core i5 13400 (13th Gen) Gigabyte H610 Motherboard 32 GB DDR4 RAM 1 TB Nvme SSD USB Monitor 22" (10)	30 Hours:Pytho	Ms. Benila Anoop	Lab Instructor Grade-II	MCA, MBA
2	Computing Systems & Analytics Lab	29	Intel Core i5 Processor,13th generation, 32 GB RAM, 1 TB SSD, LED, 22 inch Monitor.	20 hours:Data .	Mr.Godly C Mathew	Lab Instructor	MCA

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	IT Programming Lab 1,Research Lab	Server managed antivirus Seqrite, which is Quick Heal's Enterprise Security brand protects networks from threats. Sophos XGS firewall, which is considered as the first line of defence in network security. The user authentication using MAC address is facilitated with the help of a firewall. Adequate UPS and Generator backup to protect against power interruptions and fluctuations. Fire extinguishers and first aid boxes are provided in the lab for emergencies. All students are instructed to turn off the equipment before leaving the lab. All students are instructed to keep the workspace clean and free of clutter. Unauthorized users are not permitted in the computer Lab. Log Register is maintained to verify the student attendance. Students are directed to inform of any damage to hardware or any improper functioning of the PC to the Lab Technician immediately. Appropriate storage areas are provided to students to keep their bags and footwear.
2	Computing Systems & Analytics Lab	Server managed antivirus Seqrite, which is Quick Heal's Enterprise Security brand protects networks from threats. Sophos XGS firewall, which is considered as the first line of defence in network security. The user authentication using MAC address is facilitated with the help of a firewall. Adequate UPS and Generator backup to protect against power interruptions and fluctuations. Fire extinguishers and first aid boxes are provided in the lab for emergencies. All students are instructed to turn off the equipment before leaving the lab. All students are instructed to keep the workspace clean and free of clutter. Unauthorized users are not permitted in the computer Lab. Log Register is maintained to verify the student attendance. Students are directed to inform of any damage to hardware or any improper functioning of the PC to the Lab Technician immediately. Appropriate storage areas are provided to students to keep their bags and footwear.
3	Project Lab	Server managed antivirus Seqrite, which is Quick Heal's Enterprise Security brand protects networks from threats. Sophos XGS firewall, which is considered as the first line of defence in network security. The user authentication using MAC address is facilitated with the help of a firewall. Adequate UPS and Generator backup to protect against power interruptions and fluctuations. Fire extinguishers and first aid boxes are provided in the lab for emergencies. All students are instructed to turn off the equipment before leaving the lab. All students are instructed to keep the workspace clean and free of clutter. Unauthorized users are not permitted in the computer Lab. Log Register is maintained to verify the student attendance. Students are directed to inform of any damage to hardware or any improper functioning of the PC to the Lab Technician immediately. Appropriate storage areas are provided to students to keep their bags and footwear.

4	<div style="border: 1px solid black; padding: 5px; min-height: 40px;"> IOT Security Lab </div>	Server managed antivirus Seqrite, which is Quick Heal's Enterprise Security brand protects networks from threats. Sophos XGS firewall, which is considered as the first line of defence in network security. The user authentication using MAC address is facilitated with the help of a firewall. Adequate UPS and Generator backup to protect against power interruptions and fluctuations. Fire extinguishers and first aid boxes are provided in the lab for emergencies. All students are instructed to turn off the equipment before leaving the lab. All students are instructed to keep the workspace clean and free of clutter. Unauthorized users are not permitted in the computer Lab. Log Register is maintained to verify the student attendance. Students are directed to inform of any damage to hardware or any improper functioning of the PC to the Lab Technician immediately. Appropriate storage areas are provided to students to keep their bags and footwear.
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D3. Project Laboratory/Research Laboratory

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)	450	22	15	0	55
2024-25(CAYm1)	480	24	16	0	53
2025-26(CAY)	570	28	16	0	46

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 2025-2026	Actual Expenses in 2025-2026 till	Budgeted in 2024-2025	Actual Expenses in 2024-2025 till	Budgeted in 2023-2024	Actual Expenses in 2023-2024 till	Budgeted in 2022-2023	Actual Expenses in 2022-2023 till
Infrastructure Built-Up	3800000	2884185	2600000	2375445	800000	625786	1250000	1107788
Library	3500000	2779682	3500000	3351460	3100000	2917670	2700000	2629599
Laboratory equipment	12761600	7964860	11035000	10374865	3362000	3273271	6900500	8364798
Teaching and non-teaching staff salary	122000000	91667044	114000000	113900726	110500000	110296330	110000000	108777371
Outreach Programs	42000	3105	50500	32664	33000	26250	39000	6605
R&D	1117000	797006	387000	345664	300000	248216	700000	638317
Training, Placement and Industry linkage	5725000	4205924	4368000	4004126	3628000	3245828	3445000	2957092

SDGs	143500	102900	182000	174698	334000	325105	278000	70000
Entrepreneurship	200000	0	150000	112000	0	0	0	0
Miscellaneous Expenses*	63797000	49314181	59710500	57481134	61964300	60490540	59428500	56832291
Total	213086100	159718887	195983000	192152782	184021300	181448996	184741000	181383861

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 2025-2026	Actual Expenses in 2025-2026 till	Budgeted in 2024-2025	Actual Expenses in 2024-2025 till	Budgeted in 2023-2024	Actual Expenses in 2023-2024 till	Budgeted in 2022-2023	Actual Expenses in 2022-2023 till
Laboratory equipment	0	0	2300000	2286209	120000	111392	75000	0
Software	0	0	0	0	0	0	0	0
SDGs	22500	0	22500	21250	60000	59477	10000	0
Support for faculty development	2000	0	5000	3326	40000	39272	5000	0
R & D	0	0	80000	75100	2000	0	5000	0
Industrial Training, Industry expert, Internship	440000	308685	415000	405335	100000	99158	148000	134164
Maintenance & Spares, Advisory/PTI Meeting, Social	267500	209795	225500	208585	33000	31196	97000	173697
Total	732000	518480	3048000	2999805	355000	340495	340000	307861