

NATIONAL BOARD OF ACCREDITATION

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

PART-A: Profile of the Institute

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

A1:	Name of the Institute: -	Vidya Academy of Science and Technology
	Year of Establishment :2003	Location of the Institute:
A2:	Institute Address: -	Thalakkottukara P.O., Thrissur-680 501 Kerala
	City: Thrissur Pin Code:680 501 E-mail: principal@vidyaacademy.ac.in	State: Kerala Website: www.vidyaacademy.ac.in Phone No (with STD Code):04885 287751

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

Name of the University : APJ Abdul Kalam Technological University,
City : Thiruvananthapuram
State : Kerala
Pin Code: 695 016

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

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

***Provide Details:** _____

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

Central Government State Government
Government Aided Self-financing
Any Other (Please specify) * ***Provide Details:** _____

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

- ❖ No. of UG programs: 6
- ❖ No. of PG programs: 3

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

S.N.	Level of program (UG/PG)	Name of the program	Year of Start	Year of close*	Name of the Department
1	UG	B.Tech in Civil Engineering	2006	NA	Civil Engineering
2	UG	B.Tech in Computer Science and Engineering	2003	NA	Computer Science and Engineering
3	UG	B.Tech in Electronics and Communication Engineering	2003	NA	Electronics and Communication Engineering
4	UG	B.Tech in Electrical and Electronics Engineering	2003	NA	Electrical and Electronics Engineering
5	UG	B.Tech in Mechanical Engineering	2003	NA	Mechanical Engineering
6	UG	B.Tech in Artificial Intelligence & Machine Learning	2022	NA	Artificial Intelligence & Machine Learning
7	PG	MCA	2006	NA	MCA
8	PG	M.Tech in Structural Engineering	2013	NA	Civil Engineering
9	PG	M.Tech in Embedded Systems	2013	NA	Electronics and Communication Engineering
10	UG	B. Tech in Production Engineering	2006	2019	Production Engineering
11	PG	M. Tech in Power Electronics	2011	2021	Electrical and Electronics Engineering
12	PG	M .Tech in Computer Science and Engineering	2011	2022	Computer Science and Engineering

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

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

Cluster ID.	Name of the Department	Name of the Program
1.	Civil Engineering	B Tech (Civil Engineering)
2.	Computer Science and Engineering	B. Tech (Computer Science and Engineering)

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

Cluster ID.	Name of the Department (in table no. A7.1)	Name of allied Departments/Cluster (for table no. A7.1)
1.	Computer Science and Engineering	B Tech (Artificial Intelligence & Machine Learning)

PART-B: Program information

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

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

Table No. B1: Program details.

S. N.	Program Name	Year of start	Sanctioned Intake	Increase/decrease in intake, if any	Year of increase/decrease	AICTE Approval Details	Accreditation Status*	No. of times program accredited
1.	B.Tech in Computer Science and Engineering	2003	60	Increased to 120 Increased to 180 Increased to 240	2013 2023 2025	F.No. South-West/1-1345389351/2013/EOA F.No. South-West/1-38690751914/2023/EOA F.No. South-West/1-44640989369/2025/EOA	Applying First time	NA

* Write applicable one:

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

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

A. Name of the HoD : Dr. Sajay K R

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

- ❖ Regular
- ❖ Contract
- ❖ Ad hoc

C. Qualification: (Tick the applicable choice)

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

***Please provide details:** _____

B3: Program Details

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

Item (Information is to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY	CAY m1	CAY m2	CAY m3	CAY m4 (LYG)	CAY m5 (LYGm1)	CAY m6 (LYGm2)
	2025 - 26	2024 - 25	2023 - 24	2022 - 23	2021 - 22	2020 - 21	2019 - 20
N= Sanctioned intake of the program (as per AICTE /Competent authority)	240	180	180	120	120	120	120
N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	243	175	178	117	113	118	120
N2= Number of students admitted in 2 nd year in the same batch via lateral entry including leftover seats	-	11	15	8	5	7	13
N3= Separate division if any	0	0	0	0	0	0	0
N4= Total no. of students admitted in the 1 st year via all supernumerary quotas	18	17	18	13	7	5	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	261	203	211	138	125	130	133

CAY= Current Academic Year.

CAYm1= Current Academic Year Minus 1

CAYm2= Current Academic Year Minus 2.

LYG= Last Year Graduate.

LYGm1= Last Year Graduate Minus 1.

LYGm2= Last Year Graduate Minus 2.

B4: Enrolment Ratio in the First Year

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

Item (Students enrolled in the First Year on average over 3 academic years (CAY, CAYm1, and CAYm2))	CAY 2025-26	CAYm1 2024-25	CAYm2 2023-24
N= Sanctioned intake of the program in the 1 st year (as per AICTE/Competent authority)	240	180	180
N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	243	175	178
N4= Total no. of students admitted in the 1 st year via all supernumerary quotas	18	17	18
Enrolment Ratio (ER) = (N1+N4)/N	ER_1=108.75	ER_2=106.1	ER_3=108.9
Average ER = (ER_1+ ER_2+ ER_3)/3	107.9%		

B5: Success Rate of the Students in the Stipulated Period of the Program**Table No.B5.1:** The success rate in the stipulated period of a program.

Item	LYG 2024-25	LYGm1 2023-24	LYGm2 2022-23
A*= (No. of students admitted in the 1 st year of that batch and those actually admitted in the 2 nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	125	130	133
B=No. of students who graduated from the program in the stipulated course duration	92	96	95
Success Rate (SR)= (B/A)*100	SR_1=73.6	SR_2=73.84	SR_3=71.43
Average SR of three batches ((SR_1+SR_2+ SR_3)/3)	72.96		

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

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

Academic Performance	CAYm1 2024-25	CAYm2 2023-24	CAYm3 2022-23
X= (Mean of 1 st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1 st year/10)	7.86	7.34	7.89
Y= Total no. of successful students	137	135	97
Z = Total no. of students appeared in the examination	184	198	131
API = X* (Y/Z)	API_1=5.85	API_2=5.01	API_3=5.84
Average API = (API_1 + API_2 + API_3)/3	5.56		

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	2024-25	2023-24	2022-23
X= (Mean of 2 nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2 rd year/10)	7.6	7.25	7.2
Y= Total no. of successful students	164	107	99
Z =Total no. of students appeared in the examination	211	138	125
API = X* (Y/Z)	API_1=5.91	API_2=5.62	API_3=5.70
Average API = (API_1 + API_2 + API_3)/3	5.74		

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	2024-25	2023-24	2022-23
X= (Mean of 3 rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3 rd year/10)	7.64	7.24	7.25
Y= Total no. of successful students	106	101	105
Z= Total no. of students appeared in the examination	138	126	130
API = X* (Y/Z)	AP_1=5.87	AP_2=5.85	AP_3=5.86
Average API = (API_1 + API_2 + API_3)/3	5.86		

B9: Placement, Higher Studies, and Entrepreneurship**Table No.B9.1:** Placement, higher studies, and entrepreneurship details.

Item	LYG 2024-25	LYGm1 2023-24	LYGm2 2022-23
FS*=Total no. of final year students	125	130	133
X= No. of students placed	74	80	76
Y= No. of students admitted to higher studies	6	10	15
Z= No. of students taking up entrepreneurship	0	0	2
X + Y + Z =	80	90	93
Placement Index (P) = (((X + Y + Z)/FS) * 100)	P_1=64	P_2=69.23	P_3=69.92
Average placement index = (P_1 + P_2 + P_3)/3	67.96		

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

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

S. N.	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 / Asso. Prof	Nature of Association (Regular/ Contract/ Ad hoc)	If contractual mention Full time or (Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is No)
1	Dr. Sunitha C	BDDPS8577D	824669303144	PhD	B S Abdur Rahman Crescent Institute of Science and Technology	Computer Science and Engineering	01-08-2003	22.3	Lecturer	Professor	01-08-2023	Regular	-	Y	-
2	Dr. Sajay K R	BLXPS6384L	370232431914	PhD	Bharathiar University	Mobile Computing, Cloud computing	15-11-2010	15.0	Lecturer	Professor & HOD	25-08-2025	Regular	-	Y	-
3	Dr. Dijesh P	AOHPP9001K	830553270712	PhD	Bharathiar University	Deep Learning	04-06-2007	18.5	Lecturer	Professor	25-08-2025	Regular	-	Y	-
4	Dr. Sivadasan E T	BYCPS6352Q	504105588923	PhD	Karpagam Academy of Higher Education	Deep Learning	18-07-2011	14.3	Assistant Professor	Professor	25-08-2025	Regular	-	Y	-
5	Dr. Sanaj M S	BSQPS1806M	992765468348	PhD	Sathyabama University	Nature Inspired Computing, Cloud Computing	01-07-2025	0.4	Professor	-	-	Regular	-	Y	-

S. N.	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 / Asso. Prof	Nature of Association (Regular/ Contract/ Ad hoc)	If contractual mention Full time or (Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is No)
6	Dr. Shameem S	DSNPS7553E	889256120446	PhD	Vellore Institute of Technology	Photonics	01-08-2012	13.3	Assistant Professor	Associate Professor	01-03-2024	Regular	-	Y	-
7	Dr. Jency Babu	AIVPV6957A	525257635130	PhD	Nurul Islam University	Computer Science and Engineering	12-09-2022	3.2	Assistant Professor	Associate Professor	02-06-2025	Regular	-	Y	-
8	Dr. Joycy K Antony	AKYPA8872E	788884861195	PhD	Bharathiar University	Biometrics, Image Processing	01-07-2025	0.4	Associate Professor	Associate Professor	-	Regular	-	Y	-
9	Anitha L	AFDPL4372E	763528050307	M.Tech	University of Calicut	Computer Science and Engineering	03-04-2023	2.7	Assistant Professor	-	-	Regular	-	Y	-
10	Prajitha M V	AMCPV6522G	897985016107	M.Tech	University of Calicut	Computer Science and Engineering	16-08-2023	2.2	Assistant Professor	-	-	Regular	-	Y	-
11	Jucy Vareed	AWMPJ2416P	201471823577	M.E.	Anna University	Computer Science and Engineering	09-01-2012	13.10	Assistant Professor	-	-	Regular	-	Y	-

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12	Thulasi Rajan K	GHQPK5717K	804501395257	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	18-04-2022	3.6	Assistant Professor	-	-	Regular	-	Y	-
13	Mithu Varghese	DCEPM5729K	118176238447	M.Tech	University of Calicut	Computer Science and Engineering	25-04-2022	3.6	Assistant Professor	-	-	Regular	-	Y	-
14	Rejusha T R	DPMPR1582G	306157231915	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	12-09-2022	3.2	Assistant Professor	-	-	Regular	-	Y	-
15	Athulya Bhaskar K R	EMEPR9400M	663496502177	M.Tech	APJ Abdul Kalam Technological University	Computational Linguistics	26-09-2022	3.1	Assistant Professor	-	-	Regular	-	Y	-
16	Ramya Raj K P	GMCPK6641D	426985537391	M.Tech	APJ Abdul Kalam Technological University	Computational Linguistics	14-11-2022	3.0	Assistant Professor	-	-	Regular	-	Y	-
17	Neethu C S	FSKPS1841E	791991824240	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	06-02-2023	2.9	Assistant Professor	-	-	Regular	-	Y	-

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18	Remya K R	CQTPR3739J	475986950005	M.Tech	APJ Abdul Kalam Technological University	Computational Linguistics	06-02-2023	2.9	Assistant Professor	-	-	Regular		Y	-
19	Reshma V M	EMQPR2886P	887017711433	M.Tech	M G University	Computer Science and Engineering	01-03-2023	2.8	Assistant Professor	-	-	Regular		Y	-
20	Delmy David V	AYPPV3064N	224784674807	M.Tech	Kannur University	Computer Science and Engineering	01-08-2023	2.3	Assistant Professor	-	-	Regular		Y	-
21	Mrithu A S	HSMPS8433J	540468582290	M.Tech	University of Calicut	Computer Science and Engineering	01-08-2023	2.3	Assistant Professor	-	-	Regular		Y	-
22	Neethu George	BNGPG5755C	175338207699	M.Tech	University of Calicut	Computer Science and Engineering	01-08-2023	2.3	Assistant Professor	-	-	Regular		Y	-
23	Anupama E S	RKPPS4365Q	910753451858	M.Tech	APJ Abdul Kalam Technological University	Computational Linguistics	10-08-2023	2.3	Assistant Professor	-	-	Regular		Y	-
24	Rebitha K R	FUNPR4639Q	509444679899	M.Tech	Cochin University of Science and Technology	Computer and Information Science	18-07-2024	1.3	Assistant Professor	-	-	Regular		Y	-

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25	Soumya C J	KTAPS6055J	271980737634	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	18-07-2024	1.3	Assistant Professor	-	-	Regular		Y	-
26	Anitha A. S	CEGPA2922H	101791752498	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	01-07-2025	0.4	Assistant Professor	-	-	Contract	Full time	Y	-
27	Jitha P V	BABPJ8832P	766768505270	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	01-07-2025	0.4	Assistant Professor	-	-	Regular	-	Y	-
28	Umasree A K	ABZPU7784P	626319614028	M.Tech	Cochin University of Science and Technology	Image Processing	01-07-2025	0.4	Assistant Professor	-	-	Regular	-	Y	-
29	Gopika Binil	HHVPB2611H	140224560375	M. Tech	APJ Abdul Kalam Technological University	VLSI and Embedded Systems	16-07-2025	0.3	Assistant Professor	-	-	Regular	-	Y	-

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30	Nikhitha C Balan	AOMPN7507D	112011623761	M.Tech	Amritha Vishwa Vidyapeetham University	VLSI Design	21-07-2025	0.3	Assistant Professor	-	-	Regular	-	Y	-
31	Muhammad Ali Shihab V S	FOYPM0669N	806771813677	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	26-07-2025	0.3	Assistant Professor	-	-	Regular	-	Y	-
32	Remya Krishna J S	EDAPS7848H	744259410773	M.Tech	University of Calicut	Embedded Systems	01-08-2025	0.3	Assistant Professor	-	-	Regular	-	Y	-
33	Anjana B	FOYPM0669N	938625231272	M.Tech	University of Calicut	Computer Science and Engineering	20-08-2025	0.2	Assistant Professor	-	-	Regular	-	Y	-
34	Sreemol C V	AUYPM05431N	135047366688	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	27-08-2025	0.2	Assistant Professor	-	-	Regular	-	N	20.12.2025
35	Sreekala R	AMUPV4133H	665451779121	M.E.	Anna University	VLSI Design	18-07-2024	1.3	Assistant Professor	-	-	Regular	-	N	31-10-2025
36	Silpa K S	MAWPS5383L		M.Tech	APJ Abdul Kalam Technological University	Computational Linguistics	01-08-2023	2.0	Assistant Professor	-	-	Regular	-	N	22-08-2025

S. N.	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 / Asso. Prof	Nature of Association (Regular/ Contract/ Ad hoc)	If contractual mention Full time or (Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is No)
37	Archana K S	OTPPS5 013F		M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	01-07-2025	0.1	Assistant Professor	-	-	Regular	-	N	13-08-2025
38	Anu T P	BDOPA2 538P		M.Tech	Visesvaraya Technological University	Computer Science and Engineering	18-07-2024	0.11	Assistant Professor	-	-	Regular	-	N	30-6-2025
39	Leeshma O V	BVVPV7 756D		M.Tech	APJ Abdul Kalam Technological University	Computational Linguistics	22-07-2024	0.11	Assistant Professor	-	-	Regular	-	N	30-6-2025
40	Dr. Ramani Bai V	AENPV0 644J		Ph.D	Anna University	Numerical Analysis	07-06-2017	7.0	Professor & HOD	-	-	Regular	-	N	28-06-2024
41	Neethu P R	BOIPN3 513E		M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	18-04-2022	2.1	Assistant Professor	-	-	Regular	-	N	31-05-2024
42	Remya P S	BDCPR3 719P		M.E.	Anna University	Computer Science and Engineering	09-11-2015	8.6	Assistant Professor	-	-	Regular	-	N	15-05-2024

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

S. N.	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 / Asso. Prof	Nature of Association (Regular/ Contract/ Ad hoc)	If contractual mention Full time or (Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is No)
1	Dr Jeeva K A	AGKPJ3630R	885187120143	Ph.D	Calicut	Secure Signal Processing	01-08-2003	23	Lecturer	Professor	28-06-2024	Regular		Y	
2	ASWATHY E R	CYXPR3003D	341408947494	M.TECH	APJ Abdul Kalam Technological University	ELECTRONICS AND COMMUNICATION ENGINEERING	1/8/2023	2.5	Assistant Professor	Assistant Professor		Regular		Y	
3	MANJUSHA P D	FVTPM1415G	461520022739	M.Tech	APJ Abdul Kalam Technological University	Computational Linguistics/Computer Science and Engineering	16-08-2023	2.5	Assistant professor	Assistant professor		Regular		Y	
4	Riya P D	CSKPD7869N	751243075101	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	16/08/2023	2.5	Assistant professor	Assistant professor		Regular		Y	
5	ANJU K.P	DUOPP9992K	544801087257	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	20/11/2023	2.2	Assistant professor	Assistant professor		Regular		Y	
6	Riya Roy	DDEPR6110L	977378080644	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	18-07-2024	1.5	Assistant Professor	Assistant Professor		Regular		Y	

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7	KARTHIKA P N	HJBPK00347	392781534764	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	18-07-2024	1.5	Assistant professor	Assistant professor		Regular		Y	
8	Sinda P Xavier	AA HPX4176H	670003315909	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	18-07-2024	1.5	Assistant Professor	Assistant Professor		Regular		Y	
9	Linsa V U	AGJPU1449E	444916794607	M.tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	18-07-2024	1.5	Assistant professor	Assistant professor		Regular		Y	
10	Nisanth P	BRYPP2351K	839340548437	M.Tech	APJ Abdul Kalam Technological University	Computer Science and Engineering	22/07/2024	1.5	Assistant Professor	Assistant Professor		Regular		Y	
11	Bianka Thomas	CICPT5552Q	811658140645	MTech	Vellore Institute of technology	Artificial Intelligence And Data Science	07-07-2025	0.7	Assistant Professor	Assistant Professor		Regular		Y	
12	Reshmi Ravindran K	KPHPK2638G	291459425377	MTech	APJ Abdul Kalam Technological University	COMMUNICATION ENGINEERING AND SIGNAL PROCESSING	01/07/2025	10 months	ASSISTANT PROFESSOR	ASSISTANT PROFESSOR		Contract		Y	

C2: Student-Faculty Ratio (SFR)

- ❖ No. of UG(Engineering) programs in Department including allied departments/ clusters (UG_n):
 - UG₁=1st UG program
 - UG_n=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 (PG_m):
 - PG₁=1st PG program.
 - PG_m=mth PG program
 - **A= No. of Students in PG 1st year**
 - **B= No. of Students in PG 2nd year**
- ❖ Student Faculty Ratio (**SFR**) = S/F
 - **S=** No. of students of all programs in the Department including all students of allied departments/clusters.
 - **No. of students (ST)=**Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)
 - Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are **exempted**.
 - **F=**Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

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

Year	CAY	CAYm1	CAYm2
UG ₁ . B // 2 nd year students of UG ₁ program	180+11	180+15	120+8
UG ₁ . C // 3 rd year students of UG ₁ program	180+15	120+8	120+5
UG ₁ . D // 4 th year students of UG ₁ program	120+8	120+5	120+7
UG ₁ // Total no.of students(2 nd , 3 rd , 4 th) in UG ₁ program	514	448	380
UG ₂ . B // 2 nd year students of UG _n program	60+0	60+5	60+3
UG ₂ . C // 3 rd year students of UG _n program	60+5	60+3	0
UG ₂ . D // 4 th year students of UG _n program	60+3	0	0
UG ₂ // Total no.of students(2 nd , 3 rd , 4 th) in UG ₂ program	188	128	63
PG ₁ . A // 1 st year students of PG ₁ program			
PG ₁ . B // 2 nd year students of PG ₁ program			
PG ₁ // Total no.of students(1 st , 2 nd) in PG ₁ program	PG ₁ .A+ PG ₁ .B	PG ₁ .A+ PG ₁ .B	PG ₁ .A+ PG ₁ .B
.....			
PG _m . A // 1 st year students of PG _m program			
PG _m . B // 2 nd year students of PG _m program			
PG _m // Total no.of students(1 st , 2 nd) in PG _m program	PG _m .A+ PG _m .B	PG _m .A+ PG _m .B	PG _m .A+ PG _m .B
DS=Total no. of students in all UG and PG programs in the Department	514	448	380
AS=Total no. of students of all UG and PG programs in allied departments	188	128	63
S=Total no. of students in the Department (DS) and allied	702	576	443

departments (AS)			
DF=Total no. of faculty members	34	27	25
AF= Total no. of faculty members in the allied Departments	12	9	2
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1=46	F2=36	F3=27
FF=The faculty members in F who have a 100% teaching load in the first-year courses	FF1=0	FF2=0	FF3=0
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= S1/ (F1- FF1) = 15.26	SFR2=S2/ (F2- FF2) = 16	SFR3=S3/ (F3- FF3) = 16.41
Average SFR for 3 years	Average SFR=(SFR1+SFR2+SFR3)/3=15.89		

C3: Faculty Qualification

- ❖ Faculty qualification index (FQI) = $2.5 * [(10X + 4Y)/RF]$ where
 - X=No. of faculty members with Ph.D. degree or equivalent as per AICTE/UGC norms.
 - Y=No. of faculty members with M. Tech. or ME degree or equivalent as per AICTE/ UGC norms.

RF=No. of required faculty in the Department including allied Departments to adhere to the 20:1 Student-Faculty ratio, with calculations based on both student numbers and faculty requirements as per section C2 of this documents: (RF=S/20).

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQI= $2.5 * [(10X + 4Y)/RF]$
CAY: 2025	9	37	35	17
CAYm1: 2024	4	32	29	14.48
CAYm 2: 2023	2	25	22	13.54

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 Faculty(RF1)	Available Faculty(AF1)	Required Faculty(RF2)	Available Faculty(AF2)	Required Faculty(RF3)	Available Faculty(AF3)
2025-26	4	6	8	3	23	37
2024-25	3	2	6	2	19	32
2023-24	2	2	5	0	15	25
Average Numbers	RF1=3	AF1=3.33	RF2=6.33	AF2=1.66	RF3=19	AF3=31.33

C5: Professor of Practice

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

S.N.	Name of the Person	Designation & Organization	Name of the Course	No. of hours handled
CAYm1: 2024-25				
1	Gauthaman P K	Former Senior Director, Etisalat, UAE	Seminar (CSQ413)	36
			Project(CSD415)	40
			Data Communication (CST285-minor-Bucket 3 Networking)	4
			Networking lab (CSL332)	16
			Data and computer communication (CST372)	2
			Mini project (CSD334)	18
			Technical Talk	4
Total no. of hours:				120
CAYm3: 2023-24				
1	Gauthaman P K	Former Senior Director, Etisalat, UAE	Data and computer communication(CST372)	7
			Networking lab(CSL332)	4
			Seminar (CSQ413)	39
			Project (CSD415)	40
			Data Communication (CST285-minor-Bucket 3 Networking)	10
			Mini project(CSD334)	13
			Technical Talk	7
Total no. of hours:				120
CAYm3: 2022-23				
	Gauthaman P K	Former Senior Director, Etisalat, UAE	Data and computer communication (CST372)	4
			Networking lab (CSL332)	4
			Seminar (CSQ413)	12
			Project (CSD415)	16
			Data Communication (CST285-minor-Bucket 3 Networking)	10
			Mini project (CSD334)	13
			Technical Talk	4
Total no. of hours:				63

C6: Academic Research

Table No. C6.1: Faculty publication details.

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

C7: Sponsored Research Project : NIL

C8: Consultancy Work: NIL

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

NIL

PART-D: Laboratory Infrastructure in the Department

(Data to be filled in for the Department).

D1: Adequate and Well-Equipped Laboratories, and Technical Manpower Table No.D1.1: List of laboratories and technical manpower.

S. N.	Name of the Laboratory	No. Students per Setup (Batch Size)	Name of the major equipment	Weekly utilization status (all courses for which the lab is utilized)	Technical Manpower Support		
					Name of the technical staff	Designation	Qualification
1	Object Oriented Programming Lab	72	1. Desktop Computers - 72 Nos. - Acer Veriton M200-P500, AMD R5 5600G,16 GB DDR4, 512 GB SSD, Graphics NV167. 2. Interactive Panel-1 No. 3. Multimedia Projector – 1 No.	PBCST 304 OOP Lab, S3 CSE- 1 hr/week	Roopika K R	Trade Instructor	B.Tech - CSE
				PBCST 304 OOP Lab, S3 CSE- 1 hr/week			
				PBCST 304 OOP Lab, S3 CSE- 1 hr/week			
				UCEST 105 Python Lab, S1 CSE- 2hrs/week.			
				UCEST 105 Python Lab, S1 CSE- 2hrs/week			
				PCCSL 307 Data Structure Lab, S3 CSE- 6hrs/week			
				Add-On, S7 CSE- 2hrs /week			
				Add-On, S7 CSE- 2hrs/week			
				GXEST204 Programming in C Lab, S2 CSE- 2hrs/week			
				GXEST204 Programming in C Lab, S2 CSE- 2hrs/week			
				GXEST204 Programming in C Lab, S2 CSE- 2hrs/week			
				Add-On, S2 CSE- 2hrs/week			
				Add-On, S2 CSE- 2hrs/week			
				Add-On, S2 CSE- 2hrs/week			
				Add-On, S2 CSE- 2hrs/week			
				PBCST 404 COA Lab, S4 CSE- 1hr/week			
PBCST 404 COA Lab, S4 CSE- 1hr/week							
PBCST 404 COA Lab, S4 CSE- 1hr/week							
PCCSL408 DBMS Lab, S4 CSE- 6 hrs/week							
2	Programming	36	1. Desktop	CSL 333 DBMS Lab, S5 CSE -6 hrs/week	Aiswarya K P	Trade Instructor	Diploma-CSE

S. N.	Name of the Laboratory	No. Students per Setup (Batch Size)	Name of the major equipment	Weekly utilization status (all courses for which the lab is utilized)	Technical Manpower Support		
					Name of the technical staff	Designation	Qualification
	Lab		Computers – 33 Nos. - HP Intel Core i3, 4GB RAM, 500GB HDD. 2. Desktop Computers – 5 Nos. – Acer Intel Core i3, RAM 8GB DDR4, SSD 256GB.	CSL 333 DBMS Lab, S5 CSE -6 hrs/week UCEST 105 Python Lab, S1 CSE - 2hrs/week PCCSL 307 Data Structure Lab S3 CSE - 6hrs/week GXESL208 IT Workshop Lab S2 CSE - 4hrs/week GXESL208 IT Workshop Lab S2 CSE - 4hrs/week PCCSL407 OS Lab S4 CSE -6hrs/week GXEST204 Programming in C Lab S2 CSE 2hrs/week			
3	Advanced Computer Lab		1. Laptops - 9 Nos. - HP15 - FC1004AU R5 AMD, 8 GB DDR5, SSD 512 GB. 2. Laptops - 10 Nos. - HP240GB, Intel Core i3 8 GB DDR3, 512 GB SSD. 3. Laptops - 23 Nos. - Dell Latitude 3490 CTO Intel Core	UCEST 105 Python Lab, S1 CSE, - 2hrs/week UCEST 105 Python Lab, S1 ME - 2hrs/week	Aiswarya K P	Trade Instructor	Diploma-CSE

S. N.	Name of the Laboratory	No. Students per Setup (Batch Size)	Name of the major equipment	Weekly utilization status (all courses for which the lab is utilized)	Technical Manpower Support		
					Name of the technical staff	Designation	Qualification
		43	<p>i5, 8GB DDR4, 512 GB SSD.</p> <p>4. Laptops - 1 No. Laptop Dell Latitude E5540 Intel Core i5, 4GB DDR3, 500 GB SATA HDD.</p> <p>5. Interactive Panel - 1 No.</p>	<p>PCCSL407 OS Lab S4 CSE -6 hrs/week</p> <p>GXEST204 Programming in C Lab S2 EEE 2hrs/week</p>			
4	Systems Lab	36	<p>1. Desktop Computers - 36 Nos. - Acer Intel Core i5, 8 GB DDR4 RAM, 256 GB M.2 NVMe SSD.</p> <p>2. Multimedia Projector - 1 No.</p>	<p>UCEST 105 Python Lab, S1 CSE- 2hrs/week</p> <p>UCEST 105 Python Lab, S1 CE- 2 hrs/week</p> <p>CSL 411 Compiler Lab, S7 CSE- 6 hrs/week</p> <p>CSL 411 Compiler Lab, S7 CSE- 6 hrs/week</p> <p>CSL 333 DBMS Lab, S5 CSE - 6 hrs/week</p> <p>PCCSL 307 Data Structure Lab, S3 CSE - 6 hrs/week</p> <p>CSL 332 Networking Lab, S6 CSE-6 hrs/week</p> <p>CSL 332 Networking Lab, S6 CSE-6 hrs/week</p> <p>PCCSL407 OS Lab S4 CSE -6 hrs/week</p>	Soumya V N	Trade Instructor	Diploma-CSE

S. N.	Name of the Laboratory	No. Students per Setup (Batch Size)	Name of the major equipment	Weekly utilization status (all courses for which the lab is utilized)	Technical Manpower Support		
					Name of the technical staff	Designation	Qualification
				GXESL208 IT Workshop Lab S2 CSE -4 hrs/week			
5	Data Science & Mining Lab	36	1. Desktop Computers – 36 Nos. – Acer Intel Core i5, 8 GB RAM DDR4/512 GB NVMe SSD. 2. Multimedia Projector - 1 No.	PCCSL308 Digital Lab, S3 CSE- 6 hrs/week	Vineesha K U	Trade Instructor	B.Tech - CSE
				PCCSL308 Digital Lab, S3 CSE-6 hrs/week			
				PCCSL308 Digital Lab, S3 CSE- 6 hrs/week			
				CSL 331 SSM Lab, S5 CSE- 6 hrs/week			
				PCCSL408 DBMS Lab S4 CSE 6 hrs/week			
				PCCSL408 DBMS Lab S4 CSE 6 hrs/week			
				CSL 332 Networking Lab, S6 CSE-6 hrs/week			
				GXEST204 Programming in C Lab S2 CSE 2hrs/week			
6	Network and Information Systems Lab	36	1. Desktop Computers – 12 Nos. – Dell Intel Core i5, 4 GB RAM, 500 GB HDD. 2. Desktop Computers – 18 Nos. – HP Intel Core i3 4GB RAM, 500 GB HDD. 3. Desktop Computers – 6 Nos. – Dell Intel Core i3 4GB RAM, 500 GB HDD.	CSL 331 SSM Lab, S5 CSE – 6 hrs/week	Lalini K U	Trade Instructor	Diploma-CSE
				CSL 331 SSM Lab, S5 CSE – 6 hrs/week			
				UCEST 105 Python Lab, S1 CSE – 2 hrs/week			
				UCEST 105 Python Lab, S1 CSE – 2 hrs/week			
				GXESL208 IT Workshop Lab, S2 CSE -4 hrs/week			
				CSD 334 Mini Project S6 CSE- 6hrs/week			

S. N.	Name of the Laboratory	No. Students per Setup (Batch Size)	Name of the major equipment	Weekly utilization status (all courses for which the lab is utilized)	Technical Manpower Support		
					Name of the technical staff	Designation	Qualification
			4. Multimedia Projector – 1 No	CSD 334 Mini Project S6 CSE- 6hrs/week CSD 334 Mini Project S6 CSE- 6hrs/week			
7	Hardware Lab	16	1. Desktop Computers – 10 Nos. – Wipro Intel Pentium processor 4 GB DDR3, 320 GB SATA HDD. 2. Microprocessor Training kits - 6 Nos	CSL 331 SSM Lab, S5 CSE - 6 hrs/week CSL 331 SSM Lab, S5 CSE - 6 hrs/week CSL 331 SSM Lab, S5 CSE - 6 hrs/week GXESL208 IT Workshop Lab S2, CSE, AIML, ECE, EEE	Lalini K U	Trade Instructor	Diploma-CSE

D2: `Safety Measures in Laboratories

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

S.N.	Name of the Laboratory	Specific Safety measures
1	Object Oriented Programming Lab	<ol style="list-style-type: none"> 1. First aid box. 2. Fire Extinguisher kept outside the lab. 3. Well-trained technical supporting staff. 4. Periodical servicing of the lab equipment. 5. Maintain a clean and organized laboratory. 6. All users of the laboratory are to follow the directions of academic/laboratory technician staff members. 7. Prohibit the use of unauthorised software, pen drives and other storage devices in the desktops. 8. Food or drink is not permitted at any time in the laboratory. 9. Students should not attempt to repair, open, tamper or interfere with any of the computers, printing, cabling, air conditioning or other equipment in the laboratory. 10. Turn off the machine once you are done using it.
2	Programming Lab	
3	Advanced Computer Lab	
4	Systems Lab	
5	Project Lab	
6	Data Science & Mining Lab	
7	Network and Information Systems Lab	
8	Hardware Lab	

D3: Project Laboratory/Research Laboratory

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

S.N.	Name of the Laboratory
1	Project Lab
2	Oracle Academy Centre of Excellence
3	CISCO Networking
4	RedHat Academy

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 $((NS1*0.8) + (NS2*0.2)) / (\text{No. of required faculty (RF4)})$; Percentage= $((NS1*0.8) + (NS2*0.2)) / RF4$
2025-26	540	27	14	73	95.56
2024-25	480	24	13	67	99.17
2023-24	480	24	12	53	84.17

E2: Budget Allocation, Utilization, and Public Accounting at Institute Level Table No. E2.1: Budget and actual expenditure incurred at Institute level

Items	Budgeted in CFY (2025-26)	Actual expenses in CFY (till 30.11.25)	Budgeted in CFYm1 (2024-25)	Actual Expenses in CFYm1 (2024-25)	Budgeted in CFYm2 (2023-24)	Actual Expenses in CFYm2 (2023-24)	Budgeted in CFYm3 (2022-23)	Actual Expenses in CFYm3 (2022-23)
Infrastructure Built-Up	21.00	13.84	32.92	29.79	24.00	20.87	7.50	5.89
Library	2.00	1.21	3.97	1.27	5.00	3.85	2.50	2.40
Laboratory equipment	55.00	46.70	46.00	44.92	52.00	49.75	38.00	36.45
Teaching and non-teaching staff salary	782.00	515.25	776.29	762.41	792.00	776.34	772.50	757.12
Outreach Programs	4.00	3.51	4.00	3.91	4.50	4.46	7.50	7.01
R&D	1.92	1.29	4.50	3.38	2.00	1.76	5.25	4.90
Training, Placement and Industry linkage	28.00	20.83	14.50	13.80	14.00	12.10	26.00	22.63
SDGs	55.00	48.82	10.00	7.65	19.00	18.28	53.00	52.37
Entrepreneurship	5.00	3.28	0.01	0.03	1.00	0.01	1.00	0.01
Staff Welfare Expenses	80.00	9.70	103.00	101.65	60.00	57.77	80.00	75.76
Statutory/Affiliation & Accreditation Fees	11.00	7.24	33.50	33.19	20.00	19.46	18.00	17.82
Examination & Student Activity Expenses	18.00	14.53	10.88	10.41	11.00	10.56	5.50	4.98
Student Welfare & Counselling	300.00	240.32	326.00	325.10	379.00	377.53	505.00	503.09

Administrative & Operational Overheads	86.00	55.90	108.92	105.25	110.00	105.75	90.00	88.60
Travel & Logistics	187.72	134.98	184.76	182.25	182.00	179.38	208.00	205.89
Utilities & Communication Charges	61.55	29.69	62.04	59.75	62.00	60.23	63.00	58.77
Professional, Legal & Audit Expenses	8.58	6.28	8.50	8.33	6.50	6.04	7.50	6.27
Repairs and Maintenance	87.98	38.00	92.69	90.27	63.00	63.79	76.00	66.99
Finance cost & other charges	102.00	85.43	165.00	162.00	170.00	167.56	160.00	157.63
Total amount	1896.74	1276.80	1987.47	1945.35	1977.00	1935.49	2126.25	2074.58

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

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

Items	Budgeted in CFY	Actual expenses in CFY (till 30.11.2025)	Budgeted in CFYm1	Actual Expenses in CFYm1	Budgeted in CFYm2	Actual Expenses in CFYm2	Budgeted in CFYm3	Actual Expenses in CFYm3
Laboratory equipment	47.00	44.21	20.00	18.24	30.00	28.33	25.00	23.01
Software	3.00	1.72	10.00	9.62	3.00	2.62	3.50	3.12
SDGs	2.00	1.98	0.00	0.00	0.00	0.00	0.00	0.00
Support for faculty development	0.15	0.09	0.50	0.10	0.50	0.00	0.00	0.00
R & D	0.50	0.10	3.00	2.87	1.00	0.74	1.00	0.84
Industrial Training, Industry expert, Internship	2.00	2.48	1.00	1.31	0.60	1.03	1.00	1.09
Student Welfare	70.00	39.54	85.00	81.55	60.00	54.94	70.00	68.74
Teaching & Non Teaching Staff Salary	180.00	128.51	110.00	108.99	94.00	92.67	95.00	92.08
Total amount	304.65	218.63	229.50	222.67	189.10	180.33	195.50	188.88