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: 11544	**Date of Submission**: 05-02-2026

PART A- Profile of the Institute

A1.Name of the Institute: AAA COLLEGE OF ENGINEERING AND TECHNOLOGY	
Year of Establishment : 2013	Location of the Institute: Near Amathur Sivakasi Tamil Nadu
A2. Institute Address:AAA COLLEGE OF ENGINEERING AND TECHNOLOGY,AMATHUR VILLAGE,SIVAKASI,VIRUDHUNAGAR DISTRICT,TAMILNADU, 626 005.	
City:Virudhunagar	State:Tamil Nadu
Pin Code:626005	Website:www.aaaenggcoll.ac.in
Email:aaaengineeringcollege@gmail.com	Phone No(with STD Code):04562-251111
A3. Name and Address of the Affiliating University (if any):	
Name of the University : ANNA UNIVERSITY CHENNAI	City: Chennai
State : Tamil Nadu	Pin Code: 600025
A4. Type of the Institution: Non-Autonomous (Affiliated)	
A5. Ownership Status: Self financing	

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

- No. of UG programs: **8**
- No. of PG programs: **1**

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

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Engineering & Technology	UG	Artificial Intelligence and Data Science	2023	--	Artificial Intelligence and Data Science
2	Engineering & Technology	UG	Civil Engineering	2013	--	Civil Engineering
3	Engineering & Technology	PG	Computer Science and Engineering	2025	--	Computer Science and Engineering
4	Engineering & Technology	UG	Computer Science and Engineering	2013	--	Computer Science and Engineering
5	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2023	--	Computer Science and Engineering (Cyber Security)
6	Engineering & Technology	UG	Electrical & Electronics Engineering	2013	--	Electrical and Electronics Engineering
7	Engineering & Technology	UG	Electronics & Communication Engineering	2013	--	Electronics and Communication Engineering
8	Engineering & Technology	UG	Information Technology	2023	--	Information Technology
9	Engineering & Technology	UG	Mechanical Engineering	2013	--	Mechanical Engineering

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

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

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

Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as above.
Cluster ID. Name of the Department (in table no. A7.1) Name of allied Departments/Cluster (for table no. A7.1)

Allied Department/Cluster Name	Program Name	Program Level
Computer Science and Engineering (Cyber Security)	Computer Science and Engineering (Cyber Security)	UG
Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	UG
Information Technology	Information Technology	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	2013 / --	60	Yes	2023	180	2023	1-44639934036/2025/EoA	Granted accreditation for 3 years for the period (specify period)	2023	2026	1

Sanctioned Intake for Last Five Years for the Computer Science and Engineering	
Academic Year	**Sanctioned Intake**
2025-26	180
2024-25	180
2023-24	120
2022-23	60
2021-22	60
2020-21	60

List of the Allied Departments/Cluster and Programs:

SR.NO.	ALLIED DEPARTMENT NAME	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO
1	Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	UG	2023 / --	60	Yes	2025	120	2025	1-44639934036/2025/EoA	Not eligible for accreditation	--	--

Sanctioned Intake for Last Five Years for the Artificial Intelligence and Data Science	
Academic Year	**Sanctioned Intake**
2025-26	120
2024-25	60
2023-24	60
2022-23	0
2021-22	0
2020-21	0

2	Computer Science and Engineering (Cyber Security)	Computer Science and Engineering (Cyber Security)	UG	2023 / --	60	No	NA	60	2023	1-44639934036/2025/EoA	Not eligible for accreditation	--	--
3	Information Technology	Information Technology	UG	2023 / --	60	No	NA	60	2023	1-44639934036/2025/EoA	Not eligible for accreditation	--	--

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

A. Name of the HoD :	Dr.J.Hemalatha
B. Nature of appointment:	Regular
C. Qualification:	M.E. and Ph.D.

B3. Program Details

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

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	180	180	120	60	60	60	60
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	176	180	120	60	56	53	59

N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	5	3	5	4	1	4
N3=Separate division if any	0	3	13	2	5	3	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	0	5	1	0	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	176	193	137	67	65	57	63

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)	180	176	0	97.78
2024-25 (CAYm1)	180	180	5	102.78
2023-24 (CAYm2)	120	120	1	100.83

Average [(ER1 + ER2 + ER3) / 3] = 100.46≅ 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).	65.00	61.00	64.00
B=No. of students who graduated from the program in the stipulated course duration	47.00	51.00	57.00
Success Rate (SR)= (B/A) * 100	72.31	83.61	89.06

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 81.66

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)	7.38	7.27	7.48
Y=Total no. of successful students	184.00	120.00	60.00
Z=Total no. of students appeared in the examination	184.00	120.00	60.00
API [X*(Y/Z)]	7.38	7.27	7.48

Average API[(AP1+AP2+AP3)/3] : 7.38

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 2rd year/10)	7.25	7.20	7.38
Y=Total no. of successful students	122.00	64.00	57.00

Z=Total no. of students appeared in the examination	123.00	65.00	58.00
API [X * (Y/Z)]	7.19	7.09	7.25

Average API [(AP1 + AP2 + AP3)/3] : 7.18

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)	7.54	6.87	6.99
Y=Total no. of successful students	64.00	57.00	53.00
Z=Total no. of students appeared in the examination	64.00	57.00	53.00
API [X*(Y/Z)]:	7.54	6.87	6.99

Average API [(AP1 + AP2 + AP3)/3] : 7.13

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	64.00	61.00	64.00
X=No. of students placed	52.00	54.00	60.00
Y=No. of students admitted to higher studies	4.00	0.00	0.00
Z= No. of students taking up entrepreneurship	0.00	0.00	2.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	87.50	88.52	96.88

Average Placement Index = (P_1 + P_2 + P_3)/3: 90.97 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.J.Hemalatha	XXXXXXX90R	M.E. and Ph.D.	Anna University	Data Hiding, Steganalysis	01/12/2020	5.1	Assistant Professor	Professor	01/04/2023	Regular	Yes		Yes
2	Dr.V.Vivek	XXXXXXX76G	Ph.D	M.S. University	Image Processing	16/08/2021	3.3	Associate Professor	Associate Professor	16/08/2021	Regular	No	18/11/2024	No

3	Dr.S.Meenakshisundaram	XXXXXXX51H	Ph.D	Anna University	Data Mining and IoT	14/08/2025	0.5	Professor	Professor	14/08/2025	Regular	Yes		No
4	Dr.P.Elamparithi	XXXXXXX94Q	Ph.D	Anna University	Mobile Ad-hoc Networks	03/06/2015	9.1	Assistant Professor	Associate Professor	01/07/2022	Regular	No	20/07/2024	No
5	Dr.S.Mytheri	XXXXXXX23D	Ph.D	Anna University	Data Mining	03/06/2024	0.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2025	No
6	Dr.R.Shenbagaraj	XXXXXXX71M	Ph.D	RAI University	Cyber security	14/08/2025	0.5	Associate Professor	Associate Professor	14/08/2025	Regular	Yes		No
7	Dr.K.Palraj	XXXXXXX09E	Ph.D	Anna University	Medical Image Processing	04/08/2021	3	Assistant Professor	Assistant Professor		Regular	No	06/08/2024	No
8	Mrs.S.Rajathi	XXXXXXX42H	M.Tech	Kalasalingam University	Network Security	06/04/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Dr.P.Srinivasa Ragavan	XXXXXXX07K	Ph.D	Anna University	Wireless Networks	03/08/2023	0.9	Associate Professor	Associate Professor	03/08/2023	Regular	No	30/05/2024	No
10	Mrs.S.Rajeswari	XXXXXXX82D	M.Tech	St.Peters University	Image Processing, Network Security	16/05/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Mrs.G.Gurulakshmi	XXXXXXX82M	M.E.	Anna University	Image Processing	06/04/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Mrs.T.Gladima Nisia	XXXXXXX46Q	Ph.D	Anna University	Satellite Image Processing	06/01/2016	8.7	Assistant Professor	Assistant Professor		Regular	No	03/09/2024	No
13	Mrs.D.Ramya	XXXXXXX27Q	M.E.	Anna University	VLSI Design	24/02/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mr.R.Srinivasan@Balu	XXXXXXX96H	M.E.	Anna University	IOT, Networking	24/01/2024	2	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Mrs.A.Selva Anushiya	XXXXXXX48L	M.E.	Anna University	Network Security	23/08/2021	3.9	Assistant Professor	Assistant Professor		Regular	No	30/05/2025	No
16	Mrs.R.Subitha	XXXXXXX74Q	M.E.	Anna University	Network Security	03/08/2023	1.10	Assistant Professor	Assistant Professor		Regular	No	30/06/2025	No
17	Mrs.G.Saranya	XXXXXXX91M	M.E.	Anna University	Networking	24/07/2024	0.10	Assistant Professor	Assistant Professor		Regular	No	30/05/2025	No
18	Dr.R.Prabhu	XXXXXXX41A	Ph.D	Anna University	Cloud Computing	01/06/2016	8	Assistant Professor	Assistant Professor		Regular	No	30/05/2024	No
19	Mr.K.A.Mohammed Faiz	XXXXXXX64K	M.E.	M.S.University	Networking	24/06/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Mrs.T.Vinothini	XXXXXXX12D	M.E.	Anna University	Image Processing	01/08/2022	1.9	Assistant Professor	Assistant Professor		Regular	No	30/05/2024	No
21	Mr.M.Asif Raja	XXXXXXX92C	M.E.	Anna University	Artificial Intelligence	07/10/2024	1.3	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Mr.S.Viswanathan	XXXXXXX05H	M.E.	Anna University	Database Management Systems	18/12/2024	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No

23	Mrs.D.Grace Jothi	XXXXXXX92N	M.E.	Anna University	Network Security	03/08/2023	1.11	Assistant Professor	Assistant Professor		Regular	No	31/07/2025	No
24	Mr.R.Muthu Eashwaran	XXXXXXX68F	M.E.	Anna University	IoT, Network Security	07/06/2023	1.2	Assistant Professor	Assistant Professor		Regular	No	13/08/2024	No
25	Mr.A.Pichai Mari	XXXXXXX06K	M.E.	Anna University	Wireless Networks	18/12/2024	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Mrs. P. Sabeena Burvin	XXXXXXX12Q	M.Tech	Anna University	Network Security	03/08/2023	1.10	Assistant Professor	Assistant Professor		Regular	No	30/06/2025	No
27	Mr.S.Parameswaran	XXXXXXX40A	M.E.	Anna University	Internet of Things	04/04/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
28	Mr.S.Manikandan	XXXXXXX77R	M.E.	Anna University	Cloud Computing	23/04/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
29	Mr.S.Sundar Stalin	XXXXXXX13M	M.Tech	Anna University	Cloud Computing	06/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
30	Mr.P.Vetrivel	XXXXXXX92Q	M.E.	Anna University	Information Security	23/06/2022	2	Assistant Professor	Assistant Professor		Regular	No	20/07/2024	No
31	Mrs.G.Kavitha	XXXXXXX32J	M.E.	Anna University	Image Processing	19/06/2019	5.1	Assistant Professor	Assistant Professor		Regular	No	20/07/2024	No
32	Dr.M.Jayanthi	XXXXXXX47L	Ph.D	Anna University	Networking	06/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
33	Mrs.P.Raja Priya	XXXXXXX94K	M.E.	Anna University	Networking	02/07/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
34	Mr.V.Prabhu	XXXXXXX62B	M.E.	Anna University	Network Security	03/08/2023	1.4	Assistant Professor	Assistant Professor		Regular	No	18/12/2024	No
35	Mrs.S.Lalitha Tharani	XXXXXXX59F	M.E.	Anna University	Internet of Things	07/07/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
36	Mrs.M.Mathavi	XXXXXXX87G	M.E.	Anna University	Image Processing	14/07/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
37	Mrs.T.Sowmya	XXXXXXX75P	M.E.	Anna University	Embedded System	10/07/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
38	Dr.E.Selva Manju	XXXXXXX72D	Ph.D	Kalasalingam University	Networking, AI and ML	10/07/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
39	Mrs.M.D.Sivaranjani	XXXXXXX30R	M.E.	Anna University	Machine Learning	01/08/2025	0.5	Assistant Professor	Assistant Professor		Regular	Yes		No
40	Mrs.M.Ramya	XXXXXXX04L	M.E.	Anna University	Machine Learning	03/08/2023	0.9	Assistant Professor	Assistant Professor		Regular	No	30/05/2024	No
41	Mr.B.Lakshmipathi	XXXXXXX28Q	M.E.	Anna University	Big Data Analytics	14/08/2025	0.5	Assistant Professor	Assistant Professor		Regular	Yes		No
42	Mrs.B.Krishnakumari	XXXXXXX33A	M.E.	Anna University	Networking	14/08/2025	0.5	Assistant Professor	Assistant Professor		Regular	Yes		No
43	Mr.R.Rajkumar	XXXXXXX57B	M.E.	Anna University	Networking	14/08/2025	0.5	Assistant Professor	Assistant Professor		Regular	Yes		No

44	Mr.P.Samayan	XXXXXXX59C	M.E.	Anna University	VLSI	03/08/2023	0.9	Assistant Professor	Assistant Professor		Regular	No	30/05/2024	No
45	Dr.P.Senthil Pandian	XXXXXXX79F	Ph.D	Anna University	Data Mining and IoT	31/05/2025	0.7	Associate Professor	Associate Professor	31/05/2025	Regular	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.P.Elamparithi	XXXXXXX94Q	NA	Ph.D	Anna University	MANET,IOT, Machine Learning	01/08/2025	0.5	Associate Professor	Associate Professor	01/08/2025	Regular	Yes		Yes
2	Mr.S.Balamurugan	XXXXXXX32P	NA	M.E.	Anna University	Image Processing, Deep Learning	09/08/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
3	Dr.P.Vimalarani	XXXXXXX81G	NA	Ph.D	Anna University	Network Security	18/12/2024	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
4	Mr.K.Diamonraj	XXXXXXX45E	NA	M.E.	MS University	Cyber Security	06/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
5	Mrs.K.Karthika	XXXXXXX51C	NA	M.E.	Anna University	Cyber Security	11/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Mrs.R.Madhu Keerthana	XXXXXXX33J	NA	M.E.	Sathyabama University	Cyber Security	16/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Dr.P.Devabalan	XXXXXXX22E	NA	Ph.D	Anna University	Cyber security	07/07/2025	0.6	Professor	Professor		Regular	Yes		No
8	Mr.P.Senthilkumar	XXXXXXX04J	NA	M.E.	Kalasalingam University	MANET,IOT, Machine Learning	02/07/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Mrs.S.Seethalakshmi	XXXXXXX00Q	NA	M.E.	Anna University	Network Security	09/10/2024	1.3	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Mrs.J.Viji	XXXXXXX55C	NA	M.E.	Anna University	Cloud Computiong	19/12/2024	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Mr.N.Muniselvam	XXXXXXX89F	NA	M.E.	Anna University	Networking	23/04/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Mrs.R.Soundharya	XXXXXXX11L	NA	M.E.	Anna University	Data Mining	16/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Mr.C.Balasundar	XXXXXXX34E	NA	M.E.	Anna University	Networking	01/08/2025	0.5	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Dr.P.Srinivasa Ragavan	XXXXXXX07K	NA	Ph.D	Anna University	Wireless Networks	31/05/2024	1.8	Associate Professor	Associate Professor	31/05/2024	Regular	Yes		No

15	Mrs.A.Jeevani Selvabala	XXXXXXX59Q	NA	M.E.	Anna University	Wireless Networks	14/07/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Mrs.P.Meena Dharshini	XXXXXXX86M	NA	M.E.	Anna University	Cryptography and Quantum Computing	04/07/2024	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Mrs.C.Karthiga	XXXXXXX65M	NA	M.E.	Anna University	Data Mining	16/05/2024	1	Assistant Professor	Assistant Professor		Regular	No	27/05/2025	No
18	Dr.M.Karuppasamy	XXXXXXX95M	NA	Ph.D	Kalasalingam University	Green Computing, Cloud Computing	14/08/2025	0.5	Associate Professor	Associate Professor		Regular	Yes		No
19	Dr.N.Ragavan	XXXXXXX80N	NA	Ph.D	Anna University	Cloud Computing	06/05/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Mrs.M.Manjuladevi	XXXXXXX05P	NA	M.E.	Anna University	VLSI	02/08/2025	0.5	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Dr.R.Raja Guru	XXXXXXX11E	NA	Ph.D	Anna University	Wireless Communication	09/08/2024	0.9	Professor	Professor		Regular	No	27/05/2025	No
22	Mrs.T.Vinothini	XXXXXXX12D	NA	M.E.	Anna University	Image Processing	31/05/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Mr.P.Samayan	XXXXXXX59C	NA	M.E.	Anna University	VLSI	31/05/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Dr.R.Prabhu	XXXXXXX41A	NA	M.E.	Anna University	Cloud Computing	31/05/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Mrs.M.Ramya	XXXXXXX04L	NA	M.E.	Anna University	Machine Learning	31/05/2024	0.11	Assistant Professor	Assistant Professor		Regular	No	27/05/2025	No
26	Dr.P.Senthil Pandian	XXXXXXX79F	NA	Ph.D	Anna University	Data Mining and IoT	21/08/2024	0.9	Associate Professor	Associate Professor	21/08/2024	Regular	No	30/05/2025	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 Department4 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	185	123	65
UG1.C	123	65	64
UG1.D	65	64	61
UG1: Computer Science and Engineering	**373**	**252**	**190**
UG2.B	64	60	0
UG2.C	60	0	0
UG2.D	0	0	0
UG2: Information Technology	**124**	**60**	**0**
UG3.B	62	61	0
UG3.C	61	0	0
UG3.D	0	0	0
UG3: Computer Science and Engineering (Cyber Security)	**123**	**61**	**0**
UG4.B	61	60	0
UG4.C	60	0	0
UG4.D	0	0	0
UG4: Artificial Intelligence and Data Science	**121**	**60**	**0**
PG1.A	12	0	0
PG1.B	0	0	0
PG1: Computer Science and Engineering	**12**	**0**	**0**
DS=Total no. of students in all UG and PG programs in the Department	385	252	190
AS=Total no. of students of all UG and PG programs in allied departments	368	181	0
S=Total no. of students in the Department (DS) and allied departments (AS)	**S1=** 753	**S2=** 433	**S3=** 190
DF=Total no. of faculty members in the Department	26	12	20
AF= Total no. of faculty members in the allied Departments	22	10	0
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	**F1=** 48	**F2=** 22	**F3=** 20
FF=The faculty members in F who have a 100% teaching load in the first-year courses	5	1	3
Student Faculty Ratio (SFR)=S/(F-FF)	**SFR1= 17.51**	**SFR2= 20.62**	**SFR3= 11.18**
Average SFR for 3 years	**SFR= 16.44**		

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 x [(10X + 4Y) / RF)]
2025-26(CAY)	11	37	37.00	17.43
2024-25(CAYm1)	5	17	21.00	14.05
2023-24(CAYm2)	4	16	9.00	28.89

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = 1/9 * 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 * 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 * 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	4.00	3.00	8.00	5.00	25.00	40.00
2024-25	2.00	2.00	4.00	2.00	14.00	18.00
2023-24	1.00	1.00	2.00	3.00	6.00	16.00
Average	RF1=2.33	AF1=2.00	RF2=4.67	AF2=3.33	RF2=15.00	AF2=24.67

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr.S.Arumuga Perumal	Director and Distinguished Professor of Computer Science and Research	Riyasaa labs	CCS365 -Software Defined Networks	16.00
2	Dr.S.Arumuga Perumal	Director and Distinguished Professor of Computer Science and Research	Riyasaa labs	CS3691 - Embedded Systems and IoT	16.00
3	Mr.Jayaraj Alagarsamy	Chief Technical Officer	iTech Academy	CS3492-Database Management Systems	16.00
4	Mr.C.A.Sri Vimal	Technical Assitant	iTech Academy	CCW332 –Digital Marketing	12.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr.S.Arumuga Perumal	Director and Distinguished Professor of Computer Science and Research	Riyasaa labs	CS8792-Cryptography And Network Security	20.00
2	Dr.S.Arumuga Perumal	Director and Distinguished Professor of Computer Science and Research	Riyasaa labs	CCS335 – Cloud Computing	20.00
3	Mr.C.Chella Palani	Corporate Red Hat Trainer	Win Ways, Madurai	CS8080 -Information Retrieval Techniques	16.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.C.Chella Palani	Corporate Red Hat Trainer	Win Ways, Madurai	CS8080 -Information Retrieval Techniques	16.00
2	Dr.S.Arumuga Perumal	Director and Distinguished Professor of Computer Science and Research	Riyasaa labs	CS8651 -Internet Programming	20.00
3	Dr.S.Arumuga Perumal	Director and Distinguished Professor of Computer Science and Research	Riyasaa labs	CS8601- Mobile Computing	20.00

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	24	13	3
2	No. of peer reviewed conference papers published	10	12	25
3	No. of books/book chapters published	6	4	6

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)

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.J.Hemalatha	Mr.M.Asif Raja	Computer Science and Engineering	Intelligent Resume Screening System for Recruiters	iTech Academy	March to August	2.50
Dr.J.Hemalatha	Dr.P.Senthil Pandian	Computer Science and Engineering	Cyber Threat Monitoring and Alert System	TEAM INFOSOFT	June to Sept	3.70
						Amount received (Rs.):6.20

(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
						Amount received (Rs.):0

(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
						Amount received (Rs.):0

Total amount (Lacs) received for the past 3 years: 6.20

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.J.Hemalatha	Tamper Detection and Correction	June – Dec 2024	0.20	0.20	Publication
Dr.J.Hemalatha	Developing a chatbot using an ensemble	July –May 2025	0.05	0.05	Publication
Dr.V.Vivek	Frame Differencing Based Temporal Feature Extraction	Jan – Aug 2024	0.05	0.05	Publication
Mrs.S.Rajathi	Road path detection Using Machine Learning	Jan-Apr 2025	0.10	0.10	Publication
Mrs.S.Rajathi	Uzhavar	Jan-Apr 2025	0.10	0.10	Publication
Mrs.S.Rajeswari	AI driven Forest fire protection	Jan-Apr 2025	0.10	0.10	Publication
Mr. K.A. Mohammed Faiz	Research	12 Months	0.12	0.12	Publication
Dr.J.Hemalatha	Supervisor (Ph.D)	1 year	0.48	0.48	Guideship
Dr.J.Hemalatha	Prototype	12 Months	0.30	0.30	Prototype Model
Mrs.S.Rajathi	Prototype	6 Months	0.20	0.20	Prototype Model
Mr.S.Parameswaran	Prototype	6 Months	0.16	0.16	Prototype Model
Dr.P.Senthilpandian	Prototype	6 Months	0.14	0.14	Prototype Model
Mr.R.Prabhu	Prototype	6 Months	0.22	0.22	Prototype Model
			Amount received (Rs.): 2.22		

(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.P.Elamparithi	Machine Learning Approach for Detecting DDOS Attack	Apr- Sep 2023	0.17	0.17	Publication
Dr.J.Hemalatha	Improved multiview biometric object detection	June–Mar 2024	0.85	0.85	Publication
Dr.J.Hemalatha	Improving Rainfall Forecasting via Radial Basis Function	Apr – Dec 2023	0.04	0.04	Publication
Mr.Muthu Eshwaran R	Multi-analytical investigation	Jan-Dec 2023	0.25	0.25	Publication
Mr.Muthu Eshwaran R	Energy Monitoring for Renewable Energy System	Jan-Nov 2023	0.18	0.18	Publication
Dr.J.Hemalatha	Supervisor (Ph.D)	1 year	0.48	0.48	Guideship
Dr.P.Elamparithi	Prototype	6 Months	0.24	0.24	Prototype Model
Mrs.G.Kavitha	Prototype	6 Months	0.18	0.18	Prototype Model
Dr.V.Vivek	Prototype	6 Months	0.18	0.18	Prototype Model
			Amount received (Rs.): 2.57		

(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.P.Elamparithi	Fuzzy Heuristics for Detecting and Preventing	Mar – May 2023	0.15	0.15	Publication
Dr.J.Hemalatha	Edge detection using fast pixel	Dec- Aug 2023	0.26	0.26	Publication
Dr.V.Vivek	Development Of Obstacle Detection	Nov - July 2023	0.26	0.26	Publication
Mr.R.Prabhu	Research	12 Months	0.12	0.12	Research
Mr.R.Prabhu	Prototype	12 Months	0.30	0.30	Prototype Model
Dr.V.Vivek	Prototype	6 Months	0.18	0.18	Prototype Model
Mrs.A.Selva Anushya	Prototype	6 Months	0.12	0.12	Prototype Model
			Amount received (Rs.): 1.39		

Total amount (Lacs) received for the past 3 years : 6.18

PART D: Laboratory Infrastructure in the Department

(Data to be filled in for the Department)

D1. Adequate and Well-Equipped Laboratories, and Technical Manpower

Table No.D1.1: List of laboratories and technical manpower.

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Programming Laboratory - I	33	HP PRO 285	24	Ms.K.Malathi	Lab Technician	B.Sc(CS)
2	Programming Laboratory - II	33	HP PRO 285	24	Ms.K.Malathi	Lab Technician	B.Sc(CS)
3	Internet Programming Laboratory	33	DELL OPTIPLEX	20	Mrs.N.Selva lakshmi	Lab Technician	B.Sc(IT)
4	Programming and Data Structures Laboratory	33	ACER VERITON	20	Mrs.N.Selva lakshmi	Lab Technician	B.Sc(IT)
5	Cloud Computing and Security Laboratory	33	DELL OPTIPLEX	20	Mrs.K.Dhivya bharathi	Lab Technician	B.Sc(CS)
6	Data Science and Data Analytics Laboratory	33	ACER VERITON	20	Mrs.K.Dhivya bharathi	Lab Technician	B.Sc(CS)
7	Artificial Intelligence and Machine Learning Laboratory	33	ACER VERITON	20	Mr.Vignesh	Lab Technician	B.Sc(CS)

8	Natural Language Processing Laboratory	33	ACER VERITON	20	Mr.Vignesh	Lab Technician	B.Sc(CS)
9	Software Engineering Laboratory	33	ACER VERITON	15	Mr.Dineshkumar	System admin	M.B.A
10	Advanced Data Structures and Algorithms Laboratory	33	ACER VERITON	15	Mr.Dineshkumar	System admin	M.B.A

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Programming Laboratory - I	1. Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. 2. Students are instructed to avoid direct contact with any voltage source and Power line voltages. 3. First aid box and fire extinguishers are kept in laboratory. 4. Students are supposed to wear Lab Coat, Shoes and avoid loose clothing. 5. Girls students should have their hair tucked under their coat or have it in a knot. 6. Students are advised not to switch ON the experiments without the proper connection. 7. Students must make sure that the electric supply is OFF before giving connections. Well trained technical supporting staff monitor the labs at all times. 8. Damaged equipment's are identified and serviced at the earliest. 9. A clean and organized laboratory is maintained. Appropriate storage areas are available. 10. Fully and rightly loaded PC Systems with needed software are readily available for student's usage. 11. Lab In-Charges Switch off all equipment's while leaving the laboratory. 12. Workshop on Fire and electrical safety will be conducted at the beginning of the academic year to help students to know more about the usage of Fire Extinguisher. 13. Electrical Wires are protected by Miniature Circuit Breaker. 14.Proper earthing
2	Programming Laboratory - II	1. Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. 2. Students are instructed to avoid direct contact with any voltage source and Power line voltages. 3. First aid box and fire extinguishers are kept in laboratory. 4. Students are supposed to wear Lab Coat, Shoes and avoid loose clothing. 5. Girls students should have their hair tucked under their coat or have it in a knot. 6. Students are advised not to switch ON the experiments without the proper connection. 7. Students must make sure that the electric supply is OFF before giving connections. Well trained technical supporting staff monitor the labs at all times. 8. Damaged equipment's are identified and serviced at the earliest. 9. A clean and organized laboratory is maintained. Appropriate storage areas are available. 10. Fully and rightly loaded PC Systems with needed software are readily available for student's usage. 11. Lab In-Charges Switch off all equipment's while leaving the laboratory. 12. Workshop on Fire and electrical safety will be conducted at the beginning of the academic year to help students to know more about the usage of Fire Extinguisher. 13. Electrical Wires are protected by Miniature Circuit Breaker. 14.Proper earthing
3	Internet Programming Laboratory	1. Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. 2. Students are instructed to avoid direct contact with any voltage source and Power line voltages. 3. First aid box and fire extinguishers are kept in laboratory. 4. Students are supposed to wear Lab Coat, Shoes and avoid loose clothing. 5. Girls students should have their hair tucked under their coat or have it in a knot. 6. Students are advised not to switch ON the experiments without the proper connection. 7. Students must make sure that the electric supply is OFF before giving connections. Well trained technical supporting staff monitor the labs at all times. 8. Damaged equipment's are identified and serviced at the earliest. 9. A clean and organized laboratory is maintained. Appropriate storage areas are available. 10. Fully and rightly loaded PC Systems with needed software are readily available for student's usage. 11. Lab In-Charges Switch off all equipment's while leaving the laboratory. 12. Workshop on Fire and electrical safety will be conducted at the beginning of the academic year to help students to know more about the usage of Fire Extinguisher. 13. Electrical Wires are protected by Miniature Circuit Breaker. 14.Proper earthing

4	Programming and Data Structures Laboratory	1. Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. 2. Students are instructed to avoid direct contact with any voltage source and Power line voltages. 3. First aid box and fire extinguishers are kept in laboratory. 4. Students are supposed to wear Lab Coat, Shoes and avoid loose clothing. 5. Girls students should have their hair tucked under their coat or have it in a knot. 6. Students are advised not to switch ON the experiments without the proper connection. 7. Students must make sure that the electric supply is OFF before giving connections. Well trained technical supporting staff monitor the labs at all times. 8. Damaged equipment's are identified and serviced at the earliest. 9. A clean and organized laboratory is maintained. Appropriate storage areas are available. 10. Fully and rightly loaded PC Systems with needed software are readily available for student's usage. 11. Lab In-Charges Switch off all equipment's while leaving the laboratory. 12. Workshop on Fire and electrical safety will be conducted at the beginning of the academic year to help students to know more about the usage of Fire Extinguisher. 13. Electrical Wires are protected by Miniature Circuit Breaker. 14.Proper earthing
5	Cloud Computing and Security Laboratory	1. Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. 2. Students are instructed to avoid direct contact with any voltage source and Power line voltages. 3. First aid box and fire extinguishers are kept in laboratory. 4. Students are supposed to wear Lab Coat, Shoes and avoid loose clothing. 5. Girls students should have their hair tucked under their coat or have it in a knot. 6. Students are advised not to switch ON the experiments without the proper connection. 7. Students must make sure that the electric supply is OFF before giving connections. Well trained technical supporting staff monitor the labs at all times. 8. Damaged equipment's are identified and serviced at the earliest. 9. A clean and organized laboratory is maintained. Appropriate storage areas are available. 10. Fully and rightly loaded PC Systems with needed software are readily available for student's usage. 11. Lab In-Charges Switch off all equipment's while leaving the laboratory. 12. Workshop on Fire and electrical safety will be conducted at the beginning of the academic year to help students to know more about the usage of Fire Extinguisher. 13. Electrical Wires are protected by Miniature Circuit Breaker. 14.Proper earthing
6	Data Science and Data Analytics Laboratory	1. Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. 2. Students are instructed to avoid direct contact with any voltage source and Power line voltages. 3. First aid box and fire extinguishers are kept in laboratory. 4. Students are supposed to wear Lab Coat, Shoes and avoid loose clothing. 5. Girls students should have their hair tucked under their coat or have it in a knot. 6. Students are advised not to switch ON the experiments without the proper connection. 7. Students must make sure that the electric supply is OFF before giving connections. Well trained technical supporting staff monitor the labs at all times. 8. Damaged equipment's are identified and serviced at the earliest. 9. A clean and organized laboratory is maintained. Appropriate storage areas are available. 10. Fully and rightly loaded PC Systems with needed software are readily available for student's usage. 11. Lab In-Charges Switch off all equipment's while leaving the laboratory. 12. Workshop on Fire and electrical safety will be conducted at the beginning of the academic year to help students to know more about the usage of Fire Extinguisher. 13. Electrical Wires are protected by Miniature Circuit Breaker. 14.Proper earthing
7	Artificial Intelligence and Machine Learning Laboratory	1. Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. 2. Students are instructed to avoid direct contact with any voltage source and Power line voltages. 3. First aid box and fire extinguishers are kept in laboratory. 4. Students are supposed to wear Lab Coat, Shoes and avoid loose clothing. 5. Girls students should have their hair tucked under their coat or have it in a knot. 6. Students are advised not to switch ON the experiments without the proper connection. 7. Students must make sure that the electric supply is OFF before giving connections. Well trained technical supporting staff monitor the labs at all times. 8. Damaged equipment's are identified and serviced at the earliest. 9. A clean and organized laboratory is maintained. Appropriate storage areas are available. 10. Fully and rightly loaded PC Systems with needed software are readily available for student's usage. 11. Lab In-Charges Switch off all equipment's while leaving the laboratory. 12. Workshop on Fire and electrical safety will be conducted at the beginning of the academic year to help students to know more about the usage of Fire Extinguisher. 13. Electrical Wires are protected by Miniature Circuit Breaker. 14.Proper earthing
8	Software Engineering Laboratory	1. Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. 2. Students are instructed to avoid direct contact with any voltage source and Power line voltages. 3. First aid box and fire extinguishers are kept in laboratory. 4. Students are supposed to wear Lab Coat, Shoes and avoid loose clothing. 5. Girls students should have their hair tucked under their coat or have it in a knot. 6. Students are advised not to switch ON the experiments without the proper connection. 7. Students must make sure that the electric supply is OFF before giving connections. Well trained technical supporting staff monitor the labs at all times. 8. Damaged equipment's are identified and serviced at the earliest. 9. A clean and organized laboratory is maintained. Appropriate storage areas are available. 10. Fully and rightly loaded PC Systems with needed software are readily available for student's usage. 11. Lab In-Charges Switch off all equipment's while leaving the laboratory. 12. Workshop on Fire and electrical safety will be conducted at the beginning of the academic year to help students to know more about the usage of Fire Extinguisher. 13. Electrical Wires are protected by Miniature Circuit Breaker. 14.Proper earthing

9	Advanced Data Structures and Algorithms Laboratory	1. Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. 2. Students are instructed to avoid direct contact with any voltage source and Power line voltages. 3. First aid box and fire extinguishers are kept in laboratory. 4. Students are supposed to wear Lab Coat, Shoes and avoid loose clothing. 5. Girls students should have their hair tucked under their coat or have it in a knot. 6. Students are advised not to switch ON the experiments without the proper connection. 7. Students must make sure that the electric supply is OFF before giving connections. Well trained technical supporting staff monitor the labs at all times. 8. Damaged equipment's are identified and serviced at the earliest. 9. A clean and organized laboratory is maintained. Appropriate storage areas are available. 10. Fully and rightly loaded PC Systems with needed software are readily available for student's usage. 11. Lab In-Charges Switch off all equipment's while leaving the laboratory. 12. Workshop on Fire and electrical safety will be conducted at the beginning of the academic year to help students to know more about the usage of Fire Extinguisher. 13. Electrical Wires are protected by Miniature Circuit Breaker. 14.Proper earthing
10	NLP Research Laboratories	1. Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. 2. Students are instructed to avoid direct contact with any voltage source and Power line voltages. 3. First aid box and fire extinguishers are kept in laboratory. 4. Students are supposed to wear Lab Coat, Shoes and avoid loose clothing. 5. Girls students should have their hair tucked under their coat or have it in a knot. 6. Students are advised not to switch ON the experiments without the proper connection. 7. Students must make sure that the electric supply is OFF before giving connections. Well trained technical supporting staff monitor the labs at all times. 8. Damaged equipment's are identified and serviced at the earliest. 9. A clean and organized laboratory is maintained. Appropriate storage areas are available. 10. Fully and rightly loaded PC Systems with needed software are readily available for student's usage. 11. Lab In-Charges Switch off all equipment's while leaving the laboratory. 12. Workshop on Fire and electrical safety will be conducted at the beginning of the academic year to help students to know more about the usage of Fire Extinguisher. 13. Electrical Wires are protected by Miniature Circuit Breaker. 14.Proper earthing

D3. Project Laboratory/Research Laboratory

Table No. 7.5.1: List of project laboratory/research laboratory /Centre of Excellence.

S.N.	Name of the Laboratory
1.	Research and Development Laboratory
2.	Project Laboratory
3.	AWS
4.	Red Hat Academy

1	Research and Development Laboratory

OBJECTIVES OF RESEARCH LABORATORY

- To identify and define multidisciplinary problem statements ranging from student start-up ideas to national and global industrial mega-challenges.
- To promote research addressing critical sectors such as healthcare, climate change, renewable energy, advanced materials, pharmaceuticals, infrastructure, water management, and green technologies.
- To align research activities with Sustainable Development Goals (SDGs) and national development priorities.
- To develop structured research plans including short-term projects, funded research proposals, consultancy works, and long-term thematic research programs.
- To encourage innovation through prototype development, proof-of-concept models, and product design.
- To promote Intellectual Property Rights (IPR) through patent filing, publications, and technology transfer.
- To support entrepreneurship by facilitating incubation, start-up initiatives, and commercialization of research outcomes.
- To establish collaborative research partnerships with industries, research organizations, and academic institutions at national and international levels.
- To enhance student and faculty involvement in interdisciplinary research, consultancy, and funded projects.

Facilities:

Include the facilities in the research laboratory

Computer with internet facility, Project posters, working models /prototype, Measuring instruments & hardware components, Project thesis

Utilization:

i. Journal, conference and book publications by faculty, research scholars and UG/PG students

ii. Patents published/granted by faculty, research scholars and UG/PG students

iii. Funding proposals submitted/granted

Outcomes :

1.Journal papers, conference papers & books are published by faculty

2.Journal papers & conference papers are published by students

3.Patents published/granted by faculty

4.Patents published/granted by students

5.Funding proposals submitted/granted by faculty

Table 7.5.1.Faculty publication details

S.N.	Item	CAY 2024-2025	CAY 2023-2024	CAY 2022-2023
1	No. of peer reviewed journal papers published	24	13	3
2	No. of peer reviewed conference papers published	10	5	25
3	No. of books/book chapters published	3	4	6

Table 7.5.2.Details of Journal Papers, Conference Papers & Books Published by Students

S.N.	Item	CAY 2024-2025	CAY 2023-2024	CAY 2022-2023
1	No. of peer reviewed journal papers published	10	02	1
2	No. of peer reviewed conference papers published	2	02	2

2.	Project Laboratory

OBJECTIVES OF Project LABORATORY

- To provide hands-on experience in designing, developing, and deploying real-time projects across various domains in Computer Science and Engineering.
- To encourage problem identification and formulation at multiple levels—from startup ideas to large-scale industrial and societal challenges (healthcare, energy, climate change, smart infrastructure, etc.).
- To integrate emerging technologies such as Artificial Intelligence, Data Science, Cybersecurity, IoT, Cloud Computing, and Blockchain into practical project implementations.
- To promote interdisciplinary collaboration among departments for solving complex real-world problems.
- To support innovation and entrepreneurship, guiding students in converting project ideas into prototypes, products, patents, and startups.
- To strengthen industry–institute interaction through live projects, internships, consultancy, and mentorship from industry experts.
- To enhance research aptitude by encouraging publication of papers, participation in hackathons, project expos, and funded research initiatives.

Facilities:

Include the facilities in the project laboratory

Computer with internet facility, Project posters, working models /prototypes, Measuring instruments & hardware components, Project thesis

Utilization:

Main projects and Mini projects

Outcomes :

1. 80+ UG Main Projects carried out in last three academic years
2. 80+ UG Mini Projects carried out in last three academic years

Table 7.5. Details of Main & Mini Projects

S.N.	Item	CAY 2024-2025	CAY 2023-2024	CAY 2022-2023

1	No. of main projects	27	27	29
2	No. of mini projects	28	30	26
3	No. of books/book chapters published	3	4	6
4	No. of peer reviewed journal papers published related to project	24	17	7
5	No. of peer reviewed conference papers published related to project	10	5	25

3.	Red Hat Academy

OBJECTIVES OF Red Hat Academy

- · To provide students with industry-relevant open-source technology skills.
- · To enable hands-on learning in Linux, cloud, automation, and container technologies.
- · To prepare students for global Red Hat certification exams and improve employability.
- · To bridge the gap between academic learning and industry requirements.
- · To promote practical training through labs, projects, and real-world scenarios.
- · To develop open-source knowledge and innovation among students and faculty.

Facilities:

Red Hat provides a dedicated online portal (Red Hat Academy Learning Platform) with course content, virtual machines/labs for practice, instructor tools for managing classes, progress tracking, and cloud-based environments.

Utilization:

College integrate Red Hat courses, into their Computer Science curriculum. Students enroll via the portal, complete self-paced or instructor-led modules with hands-on labs

Out come

REDHAT CERTIFICATION

S.No	Name of the student	Year/ Sem	Name of the Event	Conducted by(Name of the institution)	Date	Achievement /Prize
1.	T.HARSHITHA	III/VI	RedHat(RHCSA) completed	RedHat	12.02.2025	Completed
2.	A.SWETHA	III/VI	RedHat(RHCSA) completed	RedHat	25.02.2025	Completed
3.	B.ROHITH	III/VI	RedHat(RHCSA) completed	RedHat	01.07.2025	Completed
4.	P.MARIAMMAL	IV/VII	RedHat(RHCSA) completed	RedHat	14.08.2025	Completed
5.	M.VISHNU BALA	IV/VII	RedHat(RHCSA) completed	RedHat	04.07.2025	Completed
6.	M.JAYA DARSHAN	IV/VIII	RedHat(RHCSA) completed	RedHat	04.07.2025	Completed

4.	Amazon Web Services

objective **of Amazon Web Services**

- **To develop teamwork, leadership, and project management skills** among students.
- **To align project development with Sustainable Development Goals (SDGs)** and societal needs.
- **To provide hands-on training** on core cloud services offered by Amazon Web Services (AWS)
- T**o develop practical knowledge** in cloud infrastructure setup, configuration, and management using services like EC2, S3, RDS, Lambda, and VPC.
- **To enable students to design, deploy, and manage scalable applications** in cloud environments.
- **To impart skills in cloud security, identity management, and compliance** using IAM, security groups, and monitoring tools.
- **To promote DevOps practices** using CI/CD pipelines, containerization (Docker), and orchestration tools integrated with AWS.
- **To facilitate real-time project development** using cloud-native architectures and serverless computing.
- **o prepare students for AWS global certification exams** such as Cloud Practitioner, Solutions Architect, and Developer Associate.
- **To encourage research and innovation** in cloud computing, big data analytics, AI/ML services, and IoT platforms.
- **To strengthen industry readiness** by aligning lab practices with current cloud industry standards and requirements.
- **To support interdisciplinary and startup-based projects** using cost-effective and scalable cloud solutions.

Facilities:

The AWS CoE at AAA College emphasizes dedicated lab/setup and training infrastructure (virtual and physical) to support cloud learning:

- **AWS Academy Curriculum & Labs —** Access to official AWS Academy courses on cloud fundamentals, architecture, practitioner-level skills, and more. Includes hands-on labs for services like EC2, S3, VPC, Lambda, RDS, etc.
- **Dedicated Cloud Lab / Training Environment —** Equipped computers with internet access for AWS Free Tier/console usage, pre-configured accounts for students (via AWS Educate or Academy credits), and simulation tools for cloud architecture design.
- **Certification Preparation Resources —** Materials and mock tests for AWS Certified Cloud Practitioner, Solutions Architect – Associate, etc.
- **Integration with Other CoEs —** The college has multiple department-specific Centers of Excellence (e.g., IIoT, E-Yantra, Bosch, Texas Instruments, LabVIEW), so AWS CoE often collaborates for hybrid projects (e.g., IoT on AWS).
- **Seminar/Workshop Halls —** Used for AWS training sessions, guest lectures from AWS trainers/ICT Academy experts (e.g., from Chennai), and certification programs.
- **Supporting Infrastructure —** Modern classrooms, high-speed internet, projectors, and air-conditioned facilities for extended lab sessions.

Outcomes :

Certificate/Value Added Courses/Activities

Table 7.5. Details of Activities in Center of Excellence

S.N.	Item	CAY 2024-2025	CAY 2023-2024	CAY 2022-2023
1	Certificate Courses	04	04	06
2	Value Added Courses	04	04	06

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)	540	27	23	12	77
2024-25(CAYm1)	600	30	25	12	75
2025-26(CAY)	660	33	30	17	83

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	6400000	6371018	5450000	5431427	3100000	2958794	9000000	8608272
Library	750000	690013	1500000	1554307	900000	802388	700000	654410
Laboratory equipment	6700000	5218340	6700000	6630041	8400000	8367314	6000000	5966550
Teaching and non-teaching staff salary	55000000	54179537	46500000	46760295	37600000	37557197	31000000	30935351
Outreach Programs	1000000	829257	1000000	1185359	2200000	2174073	500000	300242
R&D	400000	348920	400000	362623	2120000	2119972	300000	225928
Training, Placement and Industry linkage	3000000	2981257	2900000	2853423	2500000	2430991	900000	835512
SDGs	300000	36133	280000	273845	20000	19136	300000	352196
Entrepreneurship	1000000	761103	200000	190875	200000	150845	200000	180143
Others, specify	35000000	31245288	42380000	41871999	33480000	32014733	28300000	28232982
Total	**109550000**	**102660866**	**107310000**	**107114194**	**90520000**	**88595443**	**77200000**	**76291586**

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	2202000	1850000	3400000	3376000	2400000	2343000	2500000	2250000

Software	710000	677162	750000	727929	800000	760677	350000	220087
SDGs	50000	38750	30000	28500	30000	27460	30000	28500
Support for faculty development	100000	83250	80000	70000	80000	77560	60000	48500
R & D	240000	212500	220000	216875	280000	256400	175000	139400
Industrial Training, Industry expert, Internship	140000	122540	120000	98450	100000	90787	80000	77550
Salary, Furniture, Lab Consumables,	6934900	6853000	5018500	4463785	2746900	2412327	4313500	4080094
Total	**10376900**	**9837202**	**9618500**	**8981539**	**6436900**	**5968211**	**7508500**	**6844131**