


**NATIONAL BOARD OF ACCREDITATION**

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

Note: To save Data Capturing Points as PDF Please click on print button and select destination as 'Save as PDF'. PLEASE SELECT LANDSCAPE MODE. 

<b>Program Name</b> : Computer Science and Engineering	<b>Discipline</b> : Engineering & Technology
<b>Level</b> : Under Graduate	<b>Tier</b> : 1
<b>Application No</b> : 10439	<b>Date of Submission</b> : 24-03-2025

**PART A- Profile of the Institute**

<b>A1.Name of the Institute:</b> ST. JOSEPH'S COLLEGE OF ENGINEERING	
Year of Establishment : 1994	Location of the Institute: Chennai
<b>A2. Institute Address:</b> JAPPIAAR NAGAR, OLD MAMALLAPURAM ROAD, CHEMMACHERY	
City:Chennai	State:Tamil Nadu
Pin Code:600119	Website:www.stjosephs.ac.in
Email:JPRSTJOSEPHS@STJOSEPHS.AC.IN	Phone No(with STD Code):044-24503237
<b>A3. Name and Address of the Affiliating University (if any):</b>	
Name of the University : ANNA UNIVERSITY OF TECHNOLOGY CHENNAI	City: Chennai
State : Tamil Nadu	Pin Code: 600119
<b>A4. Type of the Institution:</b> Autonomous CAY(2020-21)	
<b>A5. Ownership Status:</b> Self financing	

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

- No. of UG programs: **13**
- No. of PG programs: **6**

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

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Engineering & Technology	PG	Applied Electronics	2003	2024	Electronics and Communication Engineering
2	Engineering & Technology	UG	Artificial Intelligence and Data Science	2021	--	Artificial Intelligence and Data Science
3	Engineering & Technology	UG	Artificial Intelligence and Machine Learning	2021	--	Artificial Intelligence and Machine Learning
4	Engineering & Technology	PG	Biotechnology	2013	2024	Biotechnology
5	Engineering & Technology	UG	Biotechnology	2002	--	Biotechnology
6	Engineering & Technology	UG	Chemical Engineering	1994	--	Chemical Engineering
7	Engineering & Technology	UG	Civil Engineering	2014	2026	Civil Engineering
8	Engineering & Technology	PG	Computer Science and Engineering	2004	--	Computer Science and Engineering
9	Engineering & Technology	UG	Computer Science and Engineering	1995	--	Computer Science and Engineering
10	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2024	--	Computer Science and Engineering (Cyber Security)
11	Engineering & Technology	UG	Electrical and Electronics Engineering	1996	--	Electrical and Electronics Engineering
12	Engineering & Technology	UG	Electronics & Communication Engineering	1994	--	Electronics and Communication Engineering
13	Engineering & Technology	UG	Electronics & Instrumentation Engineering	1999	2026	Electronics and Instrumentation Engineering
14	Engineering & Technology	UG	Information Technology	1997	--	Information Technology

15	Engineering & Technology	PG	Manufacturing Engineering	2013	2024	Mechanical Engineering
16	Engineering & Technology	UG	Mechanical Engineering	1998	--	Mechanical Engineering
17	Engineering & Technology	UG	Mechatronics Engineering	2024	--	Mechatronics Engineering
18	Engineering & Technology	PG	Power Electronics and Drives	2003	2024	Electrical and Electronics Engineering
19	Management	PG	Masters in Business Administration	1995	--	Management

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

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

Name of the Department	Having Allied Departments	Name of the Program	Program Level
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
Information Technology	Information Technology	UG
Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	UG
Artificial Intelligence and Machine Learning	Artificial Intelligence and Machine Learning	UG
Computer Science and Engineering (Cyber Security)	Computer Science and Engineering (Cyber Security)	UG

**PART-B: Program information**

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

Table No. B1: Program details.

A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Computer Science and Engineering	UG	1995 / --	60	Yes	2024	300	2024	F.No.southern/1-43661065444/2024/EOA dated 19.05.2024	Granted accreditation for 3 years for the period (specify period)	2022	2025	5	4

Sanctioned Intake for Last Five Years for the Computer Science and Engineering	
Academic Year	Sanctioned Intake
2024-25	300
2023-24	240
2022-23	180
2021-22	180
2020-21	180
2019-20	180

List of the Allied Departments/Cluster and Programs:

SR.NO.	ALLIED DEPARTMENT NAME	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Information Technology	Information Technology	UG	1997 / --	40	Yes	2023	240	2023	F.No.southern/1-43661065444/2024/EOA dated 19.05.2024	Granted accreditation for 3 years for the period (specify period)	2022	2025	5	4

Sanctioned Intake for Last Five Years for the Information Technology	
Academic Year	Sanctioned Intake
2024-25	240
2023-24	240
2022-23	180
2021-22	180
2020-21	180
2019-20	180

2	Artificial Intelligence and Machine Learning	Artificial Intelligence and Machine Learning	UG	2021 / --	60	Yes	2022	120	2022	F.No.southern/1-43661065444/2024/EOA dated 19.05.2024	Not eligible for accreditation	--	--	0	4
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Sanctioned Intake for Last Five Years for the Artificial Intelligence and Machine Learning	
Academic Year	Sanctioned Intake
2024-25	120
2023-24	120
2022-23	120
2021-22	60
2020-21	0
2019-20	0

3	Computer Science and Engineering (Cyber Security)	Computer Science and Engineering (Cyber Security)	UG	2024 / --	60	No	NA	60	2024	F.No.southern/1-43661065444/2024/EOA dated 19.05.2024	Not eligible for accreditation	--	--	0	4
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4	Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	UG	2021 / --	60	Yes	2024	240	2024	F.No.southern/1-43661065444/2024/EOA dated 19.05.2024	Not eligible for accreditation	--	--	0	4
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Sanctioned Intake for Last Five Years for the Artificial Intelligence and Data Science	
Academic Year	Sanctioned Intake
2024-25	240
2023-24	180
2022-23	180
2021-22	60
2020-21	0
2019-20	0

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

A. Name of the HoD :	Dr. A. Chandrasekar
B. Nature of appointment:	Regular
C. Qualification:	ME/M. Tech and PhD

**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)	2024-25 (CAY)	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)	2020-21 (CAYm4)	2019-20 (CAYm5)	2018-19 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	300	240	180	180	180	180	180
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	333	259	204	192	186	193	184
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	6	12	9	10	5	5
N3=Separate division if any	0	0	0	0	0	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	0	0	0	0	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	333	265	216	201	196	198	189

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]
2024-25 (CAY)	300	0	0	111.00
2023-24 (CAYm1)	240	0	0	107.92
2022-23 (CAYm2)	180	0	0	113.33

Average  $[(ER1 + ER2 + ER3) / 3] = 110.75 = 100$

**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	(2020-21) LYG	(2019-20) LYGm1	(2018-19) 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).	191.00	196.00	187.00
B=No. of students who graduated from the program in the stipulated course duration	173.00	195.00	185.00
Success Rate (SR)= (B/A) * 100	90.58	99.49	98.93

Average SR of three batches  $((SR_1 + SR_2 + SR_3)/3)$ : 96.33

**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( 2023-24 )	CAYm2( 2022-23 )	CAYm3 ( 2021-22 )
Mean of CGPA or mean percentage of all successful students(X)	8.41	8.33	8.27
Y=Total no. of successful students	206.00	160.00	154.00
Z=Total no. of students appeared in the examination	259.00	204.00	192.00
API $[X*(Y/Z)]$	6.69	6.70	6.63

Average API  $[(AP1+AP2+AP3)/3]$  : 6.67

**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 ( 2023-24 )	CAYm2 ( 2022-23 )	CAYm3 ( 2021-22 )
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)	8.18	8.36	8.88
Y=Total no. of successful students	164.00	154.00	173.00
Z=Total no. of students appeared in the examination	172.00	163.00	196.00
API [ X * (Y/Z) ]	7.80	7.90	7.84

Average API [ (AP1 + AP2 + AP3)/3 ] : 7.85

**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 (2023-24)	CAYm2 (2022-23)	CAYm3 (2021-22)
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)	8.31	8.69	8.70
Y=Total no. of successful students	154.00	173.00	195.00
Z=Total no. of students appeared in the examination	154.00	173.00	197.00
API [ X*(Y/Z) ]:	8.31	8.69	8.61

Average API [ (AP1 + AP2 + AP3)/3 ] : 8.54

**B9. Placement, Higher Studies, and Entrepreneurship**

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

Item	LYG (2020-21)	LYGm1(2019-20)	LYGm2(2018-19)
FS*=Total no. of final year students	190.00	195.00	187.00
X=No. of students placed	150.00	177.00	155.00
Y=No. of students admitted to higher studies	23.00	18.00	14.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	91.05	100.00	90.37

Average Placement Index = (P\_1 + P\_2 + P\_3)/3: 93.81 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.B.Diwan	XXXXXXXX16R	ME/M. Tech and PhD	Anna University	Manet	01/09/2005	19.6	Lecturer	Professor	01/06/2022	Regular	Yes		No
2	Dr. B. Uma Maheswari	XXXXXXXX55H	ME/M. Tech and PhD	Anna University	Machine Learning, Artificial Intelligence,	27/05/2002	22.10	Lecturer	Professor	01/07/2023	Regular	Yes		No
3	Dr.J.T.Anita Rose	XXXXXXXX29Q	ME/M. Tech and PhD	Manomaniam Sundarnar University	MANET	01/06/2005	19.9	Lecturer	Professor	01/07/2024	Regular	Yes		No

4	Dr.R.Hemalatha	XXXXXXXX37B	ME/M. Tech and PhD	Anna University	Mobile Adhoc Network, Machine learning, Image Processing, Data Science, IOT	01/08/2005	19.7	Lecturer	Professor	01/07/2024	Regular	Yes		No
5	Dr. C.Pandeeswaran	XXXXXXXX02N	ME/M. Tech and PhD	Anna University	Machine Learning , IoT, H/W and S/W Integration	26/06/2007	17.9	Lecturer	Associate Professor	01/06/2022	Regular	Yes		No
6	Dr. G. Brindha	XXXXXXXX05B	ME/M. Tech and PhD	SATHYABAMA UNIVERSITY	Digital encryption, image processing , IOT	09/02/2007	18.1	Lecturer	Associate Professor	01/06/2022	Regular	Yes		No
7	Dr. E. Ahila Devi	XXXXXXXX79K	ME/M. Tech and PhD	Anna University	mobile adhoc network, IOT	02/06/2008	16.9	Lecturer	Associate Professor	01/06/2022	Regular	Yes		No
8	Dr.R.Ranjith	XXXXXXXX91F	ME/M. Tech and PhD	Anna University	Analysis, machine Learning	23/07/2014	10.8	Assistant Professor	Associate Professor	11/07/2024	Regular	Yes		No
9	Dr.S.Vinu	XXXXXXXX17K	ME/M. Tech and PhD	Anna University	Blockchain in IOT	23/07/2014	10.8	Assistant Professor	Associate Professor	01/10/2024	Regular	Yes		No
10	Dr.S.Janani	XXXXXXXX28R	ME/M. Tech and PhD	Anna University	post quantum cryptography	15/06/2017	7.9	Assistant Professor	Associate Professor	10/01/2025	Regular	Yes		No
11	Dr. N. Angel	XXXXXXXX94K	ME/M. Tech and PhD	Manomaniam Sundamar University	Mobile Adhoc Network, Machine learning, Image Processing, Data Science, IOT	01/06/2005	19	Lecturer	Associate Professor	01/06/2017	Regular	No	31/05/2024	No
12	Ms.M.Shalini	XXXXXXXX79P	M.E/M.Tech	Sathyabama University	Deep Learning	01/04/2011	13.11	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Ms.S.Shanthini	XXXXXXXX88A	M.E/M.Tech	ANNA UNIVERSITY	"Machine Learning , Big Data"	13/06/2012	12.9	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Ms.K.Sudha	XXXXXXXX62D	M.E/M.Tech	ANNA UNIVERSITY	Cyber security	01/06/2007	17.9	Lecturer	Assistant Professor		Regular	Yes		No
15	Mr. K. Rajaganesh	XXXXXXXX29G	M.E/M.Tech	Anna University	Computer Networks	01/02/2010	15.1	Lecturer	Assistant Professor		Regular	Yes		No
16	Ms. D Saranya	XXXXXXXX96A	M.E/M.Tech	Anna University	Artificial Intelligence, Machine learning, Data science	11/07/2022	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Ms. S Raghavi	XXXXXXXX25M	M.E/M.Tech	Anna University	Machine Learning, Big data, Image Processing	11/07/2022	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Ms. K R Raghi	XXXXXXXX51A	M.E/M.Tech	Anna university	Machine Learning	11/07/2022	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Ms. T Jenitha	XXXXXXXX56J	M.E/M.Tech	Anna University	CSE	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Ms P Jayabharathi	XXXXXXXX19F	M.E/M.Tech	Anna University	Artificial Intelligence,Image processing	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Ms L Reeba Rose	XXXXXXXX98Q	M.E/M.Tech	Anna University	Artificial intelligence, Deep Learning, Data Science	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Ms. M R Archana Jenis	XXXXXXXX94F	M.E/M.Tech	Anna University	Artificial Intelligence, Machine Learning	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Ms S Lakshmi	XXXXXXXX33C	M.E/M.Tech	Anna University	Network security, Artificial Intelligence	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No

24	Mr K Rajkumar	XXXXXXXX02P	M.E/M.Tech	ANNA UNIVERSITY	Machine Learning, Cyber Security	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Mr. S. Niresh Kumar	XXXXXXXX59P	M.E/M.Tech	Anna University	Machine learning, Speech recognition	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Mr. S. Thalopathy	XXXXXXXX48M	M.E/M.Tech	ANNA UNIVERSITY	Computer Networks	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Ms. A. Nithya	XXXXXXXX59K	M.E/M.Tech	Anna University	Artificial intelligence, Machine learning, Internet of things	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
28	Ms. R. M. Shiny	XXXXXXXX98J	M.E/M.Tech	Anna University	Deep Learning	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
29	Ms. S. Manochithra	XXXXXXXX76M	M.E/M.Tech	Anna University	Cyber security	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
30	Mr. R. Alexander	XXXXXXXX11F	M.E/M.Tech	Anna University	IOT Security, FOG Computing, ML, DL, Federated Learning	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
31	Ms. L. Steffina Morin	XXXXXXXX47G	M.E/M.Tech	Anna University	Cloud Computing, Cyber Security, Python, IOT	28/08/2024	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
32	Mr.K.Swaminathan	XXXXXXXX09F	M.E/M.Tech	ANNA UNIVERSITY	Python, Cloud Computing	28/08/2024	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
33	Mr.B.Blessed Sam	XXXXXXXX00K	M.E/M.Tech	Anna University	Machine Learning, Big data, Image Processing	28/08/2024	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
34	Ms K Narmatha	XXXXXXXX79Q	M.E/M.Tech	Anna University	C Programming	02/01/2023	2.2	Assistant Professor	Assistant Professor		Regular	Yes		No
35	Ms. G. Meera devi	XXXXXXXX17M	M.E/M.Tech	SATHYABAMA UNIVERSITY	Computer Networks	01/06/2021	3.9	Assistant Professor	Assistant Professor		Regular	Yes		No
36	Ms. P. Uma Maheshwari	XXXXXXXX65K	M.E/M.Tech	Anna University	"Deep learning Artificial Intelligence, Image processing"	28/08/2024	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
37	Mrs. R P SHYNI VINSE	XXXXXXXX89Q	M.E/M.Tech	Sathyabama University	Cloud Computing, Cyber Security, Python, IOT	20/01/2025	0.2	Assistant Professor	Assistant Professor		Regular	Yes		No
38	Mrs. L. Sowmiya	XXXXXXXX34F	M.E/M.Tech	Anna University	"Artificial Intelligence, Image processing"	20/01/2025	0.2	Assistant Professor	Assistant Professor		Regular	Yes		No
39	Dr. V. Muthu Lakshmi	XXXXXXXX02E	ME/M. Tech and PhD	Anna University	Web services	01/06/2024	0.9	Professor	Professor		Regular	Yes		No
40	Dr. R. Pugalenth	XXXXXXXX37R	ME/M. Tech and PhD	Anna University	Data Structures, Networks	01/06/2002	22.7	Lecturer	Professor	01/06/2022	Regular	No	09/01/2025	No
41	MS. W S JENIF D SOUZA	XXXXXXXX61Q	M.E/M.Tech	Anna University	Cyber security	01/06/2017	7	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
42	Dr.G.Maria Kalavathy	XXXXXXXX18F	ME/M. Tech and PhD	Sathyabama University	Service Oriented Architecture	29/06/1999	25.1	Lecturer	Professor	09/07/2011	Regular	No	06/08/2024	No
43	Dr.J.Jean Justus	XXXXXXXX28A	ME/M. Tech and PhD	Anna University	Wireless Networks	12/01/2004	20.4	Assistant Professor	Professor	01/06/2022	Regular	No	31/05/2024	No
44	Dr. D. Rosy Salomi Victoria	XXXXXXXX86M	ME/M. Tech and PhD	Anna University	Wireless Networks	18/12/2000	23.5	Lecturer	Associate Professor	15/04/2015	Regular	No	31/05/2024	No
45	Dr.P.N.Jeipratha	XXXXXXXX82Q	ME/M. Tech and PhD	Anna University	Deep Learning	24/08/2009	14.9	Lecturer	Assistant Professor		Regular	No	31/05/2024	No

46	Ms. S. Sathyavathi	XXXXXXXX71B	M.E/M.Tech	Anna University	Data Structures, Networks	01/06/2022	2	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
47	Ms. R. Dolly Jinu	XXXXXXXX81P	M.E/M.Tech	Anna University	Internet of Things	07/08/2023	0.9	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
48	Ms. J.Jeyshri	XXXXXXXX65C	M.E/M.Tech	Anna University	Machine Learning	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
49	Dr.F Sangeetha Francelin Vinnarasi	XXXXXXXX07L	ME/M. Tech and PhD	Manomaniam Sundarnar University	Adhoc Networks	01/06/2005	18	Lecturer	Associate Professor		Regular	No	31/05/2023	No
50	Dr.Jesline	XXXXXXXX74E	ME/M. Tech and PhD	Anna University	Wireless Networks	02/06/2008	15	Assistant Professor	Associate Professor	01/02/2010	Regular	No	31/05/2023	No
51	Dr.A.Sheryl Oliver	XXXXXXXX92B	ME/M. Tech and PhD	VIT UNIVERSITY	Machine Learning, Artificial Intelligence, Deep Learning	11/08/2011	11.9	Assistant Professor	Associate Professor	01/06/2012	Regular	No	31/05/2023	No
52	Dr K Palani Thanaraj	XXXXXXXX23P	ME/M. Tech and PhD	Sathyabama Institute of Science and Technology	Machine Learning	13/06/2012	10.11	Assistant Professor	Associate Professor	01/06/2022	Regular	No	31/05/2023	No
53	Dr. B. Parvathavarthini	XXXXXXXX17F	ME/M. Tech and PhD	Anna University	Computer Networks	07/11/1994	30.4	Lecturer	Professor	28/02/2008	Regular	Yes		No
54	Dr.J.Ramya	XXXXXXXX31K	ME/M. Tech and PhD	JNTU University	Machine Learning	16/01/2004	20.7	Lecturer	Professor	01/06/2023	Regular	No	31/08/2024	No
55	Dr.P.Varun	XXXXXXXX80H	ME/M. Tech and PhD	Sathyabama University	IoT & Block Chain	14/07/2014	9.1	Assistant Professor	Assistant Professor		Regular	No	31/08/2023	No
56	Dr.G.Murugesan	XXXXXXXX02Q	ME/M. Tech and PhD	Anna University	Grid Computing	02/07/2007	15.11	Assistant Professor	Professor	07/08/2013	Regular	No	31/05/2023	No
57	Dr.S.Jothi	XXXXXXXX95H	ME/M. Tech and PhD	Anna University	Wireless Sensor Networks	01/06/2005	18	Lecturer	Professor	01/06/2022	Regular	No	31/05/2023	No
58	Dr.M P Rajakumar	XXXXXXXX50G	ME/M. Tech and PhD	SATHYABAMA UNIVERSITY	Soft Computing	01/06/2005	19.9	Lecturer	Professor	01/06/2022	Regular	Yes		No
59	Ms. D. Deepa	XXXXXXXX98D	M.E/M.Tech	Anna University	Deep Learning	01/06/2022	0.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No
60	Dr. A. Chandrasekar	XXXXXXXX49C	ME/M. Tech and PhD	Anna University	Network Security	27/05/2002	22.10	Lecturer	Professor	01/06/2010	Regular	Yes		Yes

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. S. Duraimurugan	XXXXXXXX06B	NA	ME/M. Tech and PhD	Sathyabama Institute of Science and Technology	Wireless Sensor Networks	18/06/2007	17.9	Assistant Professor	Professor	01/07/2023	Regular	Yes		No
2	Dr. S. Sumathi	XXXXXXXX93B	NA	ME/M. Tech and PhD	Anna University	Wireless Sensor Networks	18/06/2007	17.9	Assistant Professor	Professor	01/07/2024	Regular	Yes		No

3	Dr. C. J. Raman	XXXXXXXX61C	NA	ME/M. Tech and PhD	Sathyabama Institute of Science and Technology	Artificial Intelligence	02/06/2008	16.9	Assistant Professor	Professor	01/07/2024	Regular	Yes		No
4	Dr. M. Anbu	XXXXXXXX13P	NA	ME/M. Tech and PhD	Anna University	Software Defect Prediction	27/05/2002	22.10	Assistant Professor	Associate Professor	26/10/2016	Regular	Yes		No
5	Dr. C. N. Gnanaprakasam	XXXXXXXX70Q	NA	ME/M. Tech and PhD	Sathyabama Institute of Science and Technology	Fuzzy Systems	01/06/2023	1.9	Associate Professor	Associate Professor	01/06/2023	Regular	Yes		No
6	Dr. R. Elavarasan	XXXXXXXX35R	NA	ME/M. Tech and PhD	Sathyabama Institute of Science and Technology	Wireless Sensor Networks	18/06/2007	17.9	Assistant Professor	Associate Professor	01/07/2024	Regular	Yes		No
7	Dr. G. Manikandan	XXXXXXXX78F	NA	ME/M. Tech and PhD	Anna University	Wireless Sensor Networks	18/06/2007	17.9	Assistant Professor	Associate Professor	01/07/2023	Regular	Yes		No
8	Dr. J. ThresaJeniffer	XXXXXXXX35H	NA	ME/M. Tech and PhD	Anna University	IoT and Neural Networks	23/07/2014	10.8	Assistant Professor	Associate Professor	01/07/2024	Regular	Yes		No
9	Dr. J. Divya	XXXXXXXX92K	NA	ME/M. Tech and PhD	Anna University	Deep Learning in IoT	06/08/2012	12.7	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Ms. M. Nivethitha Devi	XXXXXXXX53N	NA	M.E/M.Tech	Anna University	Nanotechnology	09/06/2010	14.9	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Ms. G. Lathaselvi	XXXXXXXX70E	NA	M.E/M.Tech	Madras University	Cloud Computing	05/06/1996	28.9	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Ms. M. Janani	XXXXXXXX11E	NA	M.E/M.Tech	Anna University	Natural language processing	17/08/2011	13.7	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Ms. J. Gnanasoundharam	XXXXXXXX05F	NA	M.E/M.Tech	Anna University	Machine Learning	06/08/2012	12.7	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mr. D. Dinesh Kumar	XXXXXXXX56C	NA	M.E/M.Tech	Anna University	Robotics and control	06/08/2012	12.7	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Mr. Kripa Sekaran	XXXXXXXX99N	NA	M.E/M.Tech	Anna University	Deep Learning	08/02/2017	8.1	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Mr. K. R. Radhakrishnan	XXXXXXXX84Q	NA	M.E/M.Tech	Anna University	Biomedical Image Processing	01/06/2020	4.9	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Ms. P. M. Sinthuja	XXXXXXXX32M	NA	M.E/M.Tech	Sathyabama Institute of Science and Technology	Machine Learning	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Dr. V. Muthu Lakshmi	XXXXXXXX02E	NA	ME/M. Tech and PhD	Anna University	Web Services	15/11/1995	28.6	Assistant Professor	Professor	01/07/2022	Regular	No	31/05/2024	No
19	Ms. D. JeyaPriya	XXXXXXXX48F	NA	M.E/M.Tech	Anna University	Machine Learning	11/08/2022	2.7	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Ms. A. S. Hepsi Ajibah	XXXXXXXX87E	NA	M.E/M.Tech	Anna University	Medical Image Processing	02/11/2022	2.4	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Ms. A. Kavitha	XXXXXXXX71A	NA	M.E/M.Tech	Anna University	Planetary Image Processing	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Ms. R. Utthirakumari	XXXXXXXX08F	NA	M.E/M.Tech	Anna University	Machine Learning	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Ms. R. Shoba	XXXXXXXX92N	NA	M.E/M.Tech	Anna University	Deep Learning	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No

24	Ms.Abinaya K Samy	XXXXXXXX87P	NA	M.E/M.Tech	SRM University	CSE	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Dr. A. Tamizhselvi	XXXXXXXX59R	NA	ME/M. Tech and PhD	Anna University	VANET	18/06/2007	17.9	Assistant Professor	Professor	01/07/2024	Regular	Yes		No
26	Mr. A. AbdhurRahman	XXXXXXXX03N	NA	M.E/M.Tech	Anna University	CSE	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Mr. J. Manikandan	XXXXXXXX59A	NA	M.E/M.Tech	Pondicherry University	Deep Learning	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
28	Ms. M. Nandhini	XXXXXXXX91Q	NA	M.E/M.Tech	Anna University	Cloud computing	07/09/2023	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No
29	Ms. G. Supraja	XXXXXXXX25N	NA	M.E/M.Tech	Anna university	CSE	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
30	Ms. V. P. Anitha	XXXXXXXX83D	NA	M.E/M.Tech	SRM University	Natural Language Processing	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
31	Ms. E. Elakkiya	XXXXXXXX65P	NA	M.E/M.Tech	Anna university	Machine Learning	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
32	Ms. G. Sathyadevi	XXXXXXXX18Q	NA	M.E/M.Tech	Anna University	Cyber Security	16/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
33	Ms. S. Benisha	XXXXXXXX81B	NA	M.E/M.Tech	Manomaniam Sundarnar University	Deep Learning	08/07/2024	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
34	Mr. P. Sirenjeevi	XXXXXXXX88B	NA	M.E/M.Tech	Bharathidasan University	Network Security	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
35	Mr. K. Ashok Kumar	XXXXXXXX00M	NA	M.E/M.Tech	Prist University	Blockchain	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
36	Ms. A. M. Vidhyalakshmi	XXXXXXXX55Q	NA	M.E/M.Tech	Sathyabama Institute of Science and Technology	Machine Learning	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
37	Mr. K. Madhan	XXXXXXXX23L	NA	M.E/M.Tech	Anna University	Machine Learning	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
38	Ms. K. Sarika	XXXXXXXX29H	NA	M.E/M.Tech	Anna University	CSE	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
39	Ms. T. A. Annie	XXXXXXXX52R	NA	M.E/M.Tech	Anna University	Deep Learning	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
40	Ms. S. Gopikha	XXXXXXXX84H	NA	M.E/M.Tech	Anna University	Artificial Intelligence	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
41	Ms. I. DomilinShyni	XXXXXXXX21G	NA	M.E/M.Tech	Karunya Deemed University	Artificial Intelligence	20/01/2025	0.2	Assistant Professor	Assistant Professor		Regular	Yes		No
42	Ms. I. Kalaivani	XXXXXXXX49L	NA	M.E/M.Tech	Anna University	Deep Learning	01/06/2022	2	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
43	Dr R Ramya	XXXXXXXX88D	NA	ME/M. Tech and PhD	SATHYABAMA UNIVERSITY	CSE	08/07/2024	0.8	Associate Professor	Associate Professor		Regular	Yes		No
44	Dr. Lilly Raamesh	XXXXXXXX66D	NA	ME/M. Tech and PhD	Anna University	Software Engineering	25/05/1998	25	Assistant Professor	Professor	19/11/2013	Regular	No	31/05/2023	No
45	Ms. Deepa K	XXXXXXXX68K	NA	M.E/M.Tech	ANNA UNIVERSITY	IOTArtificial Intelligence	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
46	Dr. Lilly Raamesh	XXXXXXXX66D	NA	ME/M. Tech and PhD	Anna University	Machine Learning, Artificial Intelligence	01/06/2023	1.9	Professor	Professor		Regular	Yes		No

47	Dr. L. Sherly Pushpa Annabel	XXXXXXXX28M	NA	ME/M. Tech and PhD	Anna University	Wireless Sensor Networks	07/06/2006	17.11	Assistant Professor	Professor	01/06/2017	Regular	No	31/05/2024	No
48	Dr. R. Baghia Laxmi	XXXXXXXX19R	NA	ME/M. Tech and PhD	Annamalai University	CSE	08/07/2024	0.8	Associate Professor	Associate Professor	08/07/2024	Regular	Yes		No
49	Ms. Bhuvaneshwari. K	XXXXXXXX77D	NA	M.E/M.Tech	CRESCENT UNIVERSITY	IOT, Machine Learning, Artificial Intelligence	10/07/2024	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
50	Dr. D. Logeshwari	XXXXXXXX82B	NA	ME/M. Tech and PhD	Anna University	Speech Processing	26/05/1999	24	Assistant Professor	Associate Professor	01/02/2010	Regular	No	31/05/2023	No
51	Ms. Kiruba Wesley	XXXXXXXX74B	NA	M.E/M.Tech	ANNA UNIVERSITY	Machine Learning, Artificial Intelligence, Deep Learning	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
52	Ms. Thiraviaselvi G	XXXXXXXX69N	NA	M.E/M.Tech	Anna University	Deep learning, ML	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
53	Dr. P. Thilagavathi	XXXXXXXX94H	NA	ME/M. Tech and PhD	Anna University	Image Processing	01/06/2021	1.11	Assistant Professor	Associate Professor	01/06/2022	Regular	No	31/05/2023	No
54	Ms. Abinaya. A	XXXXXXXX13P	NA	M.E/M.Tech	Anna University	Machine Learning , AI	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
55	Dr. R. Deepa	XXXXXXXX19C	NA	ME/M. Tech and PhD	Sathyabama Institute of Science and Technology	Natural Language Processing	02/06/2008	16	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
56	Ms. Meena Kumari Bugatha. N	XXXXXXXX12J	NA	M.E/M.Tech	Anna University	Machine Learning, Artificial Intelligence, Deep Learning	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
57	Mr. P. Naveen	XXXXXXXX85D	NA	M.E/M.Tech	Anna University	Machine Learning, Big data, Image Processing	13/06/2012	11.10	Assistant Professor	Assistant Professor		Regular	No	30/04/2024	No
58	Dr. K. Priyadarshini	XXXXXXXX61Q	NA	ME/M. Tech and PhD	Sathyabama Institute of Science and Technology	Natural Language Processing	24/08/2009	14.9	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
59	Ms. Umayal. AR	XXXXXXXX59H	NA	M.E/M.Tech	Anna University	Machine Learning, Artificial Intelligence, Deep Learning	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
60	Mr. Nirmalkumar V	XXXXXXXX69D	NA	M.E/M.Tech	Anna University	Machine Learning, dbms	29/01/2025	0.1	Assistant Professor	Assistant Professor		Regular	Yes		No
61	Ms. S. Ancy	XXXXXXXX36D	NA	M.E/M.Tech	Anna University	Big data Analytics	06/08/2012	10.9	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	
62	Ms. Thilakavathy P	XXXXXXXX47C	NA	ME/M. Tech and PhD	Anna University	Machine Learning, Artificial Intelligence, Deep Learning	01/06/2022	0.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No
63	Dr.Suthanthiradevi P	XXXXXXXX21N	NA	ME/M. Tech and PhD	Anna University	Machine Learning, Artificial Intelligence, Deep Learning	01/06/2022	0.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No
64	Mr. N. Raja Mohamed	XXXXXXXX08M	NA	M.E/M.Tech	Anna University	Deep Learning	01/08/2013	9.10	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	

65	Ms. P Kumari Deepika	XXXXXXXX72D	NA	M.E/M.Tech	ANNA UNIVERSITY	CSE	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
66	Ms. S. Anitha	XXXXXXXX45E	NA	M.E/M.Tech	Anna University	Wireless Sensor Networks	23/07/2014	8.10	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	
67	Dr. Ancy S	XXXXXXXX36D	NA	ME/M. Tech and PhD	AnnaMalai University	IOT, Big data Analytics, Deep Learning	01/06/2023	1.9	Assistant Professor	Associate Professor	01/07/2024	Regular	Yes		No
68	Ms. M. Poornima	XXXXXXXX78E	NA	M.E/M.Tech	Anna University	Deep Learning	02/08/2017	5.9	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	
69	Mr. Raja Mohamed N	XXXXXXXX08M	NA	M.E/M.Tech	SATHYABAMA UNIVERSITY	Networking Security,Image Processing,Machine Learning	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
70	Ms.S.ANANTHI	XXXXXXXX74M	NA	M.E/M.Tech	ANNA UNIVERSITY	CSE	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
71	Ms. Poornima M	XXXXXXXX78E	NA	M.E/M.Tech	Anna university	Image processing,Machine Learning, Artificial Intelligence	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
72	Dr. Anitha S	XXXXXXXX45E	NA	ME/M. Tech and PhD	AnnaMalai University	IOT, Network	01/06/2023	1.9	Assistant Professor	Associate Professor	01/07/2024	Regular	Yes		No
73	Ms. Priyadarshini SP	XXXXXXXX56F	NA	M.E/M.Tech	Anna university	Artificial Intelligence	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
74	Dr. C. HeltinGenitha	XXXXXXXX62N	NA	ME/M. Tech and PhD	Anna University	Satellite Image Processing	01/06/2005	19.9	Assistant Professor	Professor	01/07/2022	Regular	Yes		Yes
75	Ms. C. Quba Jaslin	XXXXXXXX03G	NA	M.E/M.Tech	ANNA UNIVERSITY	Medical Image processing,Artificial Intelligence	18/09/2024	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
76	Mr.R.Sathishkumar	XXXXXXXX14C	NA	M.E/M.Tech	ANNA UNIVERSITY	CSE	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
77	Dr Senthil Kumar B	XXXXXXXX60H	NA	ME/M. Tech and PhD	ANNA UNIVERSITY	Control Systems	01/06/2024	0.9	Associate Professor	Associate Professor		Regular	Yes		No
78	Ms. V Sathya	XXXXXXXX05K	NA	M.E/M.Tech	ANNA UNIVERSITY	CSE	01/06/2023	1.9	Associate Professor	Assistant Professor		Regular	Yes		No
79	Dr Meena S	XXXXXXXX94C	NA	ME/M. Tech and PhD	Sathyabama University	Embedded Systems	01/06/2024	0.9	Associate Professor	Associate Professor	01/06/2024	Regular	Yes		No
80	Dr Kotteeswaran R	XXXXXXXX08N	NA	ME/M. Tech and PhD	ANNA UNIVERSITY	Control Systems	14/09/2005	19.6	Assistant Professor	Professor	01/06/2024	Regular	Yes		No
81	Ms.R Jayasri	XXXXXXXX16N	NA	M.E/M.Tech	ANNA UNIVERSITY	CSE	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
82	Ms.D Deepa	XXXXXXXX98D	NA	M.E/M.Tech	Anna university	Deep Learning	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
83	Ms.J. Kaviarasi	XXXXXXXX32M	NA	M.E/M.Tech	Anna university	CSE	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
84	Dr. Sheryl Puspha Annabel L	XXXXXXXX28M	NA	ME/M. Tech and PhD	ANNA UNIVERSITY	Wireless Sensor Networks	01/06/2024	0.9	Professor	Professor	01/06/2024	Regular	Yes		No
85	Mr. A. VIJAY	XXXXXXXX28N	NA	M.E/M.Tech	Anna university	CSE	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
86	Ms.C. Abinaya	XXXXXXXX48A	NA	M.E/M.Tech	ANNA UNIVERSITY	Big data and Analytics	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No

87	Ms. E. Aswini	XXXXXXXX64Q	NA	M.E/M.Tech	Anna university	CSE	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
88	Ms.M.NITHYA	XXXXXXXX13M	NA	M.E/M.Tech	ANNA UNIVERSITY	CSE	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
89	Ms. R. Dharani	XXXXXXXX42A	NA	M.E/M.Tech	Anna university	CSE	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
90	Dr.A.S.Nisha	XXXXXXXX49N	NA	ME/M. Tech and PhD	ANNA UNIVERSITY	CSE	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
91	Ms.B. SIVA SHANKARI	XXXXXXXX99P	NA	M.E/M.Tech	ANNA UNIVERSITY	CSE	10/10/2023	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
92	Mr. V. Durairaji	XXXXXXXX82C	NA	M.E/M.Tech	Sathyabama Institute of Science and Technology	APPLIED ELECTRONICS	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
93	Mr. D. Senthil Kumar	XXXXXXXX70D	NA	M.E/M.Tech	ANNA UNIVERSITY	CSE	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No

**C2. Student-Faculty Ratio (SFR)**

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

UG1=1st UG program

UGn=nth UG program

**B**= No. of Students in UG 2nd year (ST)

**C**= No. of Students in UG 3rd year (ST)

**D**= No. of Students in UG 4th year (ST)

No. of PG (Engineering) programs in Department including allied departments/ clusters (PGm):

PG1=1st PG program.

PGm=mth PG program

**A**= No. of Students in PG 1st year

**B**= No. of Students in PG 2nd year

Student Faculty Ratio (**SFR**) = S/F

S= No. of students of all programs in the Department including all students of allied departments/clusters.

**No. of students (ST)**=Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)

Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are exempted.

**F**=Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

No. of UG Programs in the Department5 No. of PG Programs in the Department1

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

Description	CAY(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
UG1.B	246	192	189
UG1.C	192	189	190
UG1.D	189	190	185
<b>UG1: Computer Science and Engineering</b>	<b>627</b>	<b>571</b>	<b>564</b>
UG2.B	181	185	62
UG2.C	185	62	0
UG2.D	62	0	0
<b>UG2: Artificial Intelligence and Data Science</b>	<b>428</b>	<b>247</b>	<b>62</b>
UG3.B	0	0	0
UG3.C	0	0	0
UG3.D	0	0	0
<b>UG3: Computer Science and Engineering (Cyber Security)</b>	<b>0</b>	<b>0</b>	<b>0</b>
UG4.B	121	122	65

Description	CAY(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
UG4.C	122	65	0
UG4.D	65	0	0
<b>UG4: Artificial Intelligence and Machine Learning</b>	<b>308</b>	<b>187</b>	<b>65</b>
UG5.B	243	184	188
UG5.C	184	188	182
UG5.D	188	182	180
<b>UG5: Information Technology</b>	<b>615</b>	<b>554</b>	<b>550</b>
PG1.A	18	18	18
PG1.B	18	18	18
<b>PG1: Computer Science and Engineering</b>	<b>36</b>	<b>36</b>	<b>36</b>
DS=Total no. of students in all UG and PG programs in the Department	663	607	600
AS=Total no. of students of all UG and PG programs in allied departments	1351	988	677
S=Total no. of students in the Department (DS) and allied departments (AS)	<b>S1= 2014</b>	<b>S2= 1595</b>	<b>S3= 1277</b>
DF=Total no. of faculty members in the Department	40	41	41
AF= Total no. of faculty members in the allied Departments	75	56	40
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	<b>F1= 115</b>	<b>F2= 97</b>	<b>F3= 81</b>
FF=The faculty members in F who have a 100% teaching load in the first-year courses	0	0	0
Student Faculty Ratio (SFR)=S/(F-FF)	<b>SFR1= 17.51</b>	<b>SFR2= 16.44</b>	<b>SFR3= 15.77</b>
Average SFR for 3 years	<b>SFR= 16.57</b>		

**C3. Faculty Qualification**

- Faculty qualification index (FQI) =  $2.5 * [(10X + 4Y)/RF]$  where
- X=No. of faculty members with Ph.D. degree or equivalent as per AICTE/UGC norms.
- Y=No. of faculty members with M. Tech. or ME degree or equivalent as per AICTE/ UGC norms.
- RF=No. of required faculty in the Department including allied Departments to adhere to the 20:1 Student-Faculty ratio, with calculations based on both student numbers and faculty requirements as per section C2 of this documents:  $(RF=S/20)$ .

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = $2.5 \times [(10X + 4Y) / RF]$
2024-25(CAY)	31	84	100.00	16.15
2023-24(CAYm1)	31	66	79.00	18.16
2022-23(CAYm2)	36	45	63.00	21.43

**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 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
2024-25	11.00	16.00	22.00	15.00	67.00	84.00
2023-24	8.00	14.00	17.00	14.00	53.00	69.00

2022-23	7.00	13.00	14.00	21.00	42.00	47.00
Average	RF1=8.67	AF1=14.33	RF2=17.67	AF2=16.67	RF2=54.00	AF2=66.67

## 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	Mr. C. Karthikeyan	Director	SkillRack Pvt. Ltd.,	Full Stack Web Development	50.00
2	Dr. R. Joseph Manoj	Senior Data Scientist	Cognizant	Data Science	50.00

## (CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. K. Venkaraman	Technical Architect	Hexaware Technologies Chengalpattu, Tamil Nadu, India	Full Stack Web Development	50.00

## (CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Jerome Melkisdak	Director	Stigmata Techno Solutions	Blockchain	60.00

## C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)
1	No. of peer reviewed journal papers published	28	10	35
2	No. of peer reviewed conference papers published	41	16	12
3	No. of books/book chapters published	9	6	4

## C7. Sponsored Research Project

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

## (CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Mr. S. Niresh Kumar	S. Harini	Computer Science and Engineering	"ECOHub – INTEGRATED SUSTAINABLE SOLUTIONS PLATFORM"	MSME - 8 Lakhs	1	0.00
Mr. S. Niresh Kumar	Anjana K and Gayathri N	Computer Science and Engineering	"HEALTHBOT"	NIRAL THIRIVIZHA	6 Months	0.10
Dr. P. Velvizhy	Ms. K. R. Raghi	Computer Science and Engineering	Stepsmart: Design and Development of an Affordable IoT & Deep Learning Based Footwear for Diabetic Health Monitoring	AU-CFR-Seed Research Grant	1	1.00
Dr. A. Chandrasekar	Ms. S. Raghavi Mr. R. Ranjith	Computer Science and Engineering	IEEE International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI – 2024)	IEEE	2 Days	1.15
Dr. A. Chandrasekar		Computer Science and Engineering	Development of Adaptive filtering algorithms for Graph Signal Processing problem	SERB-MATRICES File No MTR/2021/000405	3 Years	2.00
Dr. A. Chandrasekar		St. Josephs College of Engineering	PMKVY 4.0	GOI	3 Years	9.30
						Amount received (Rs.):13.55

## (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
Dr. M. PalaniThangaraj	Dr.B. Parvathavarthini	Computer Science and Engineering	Development of multi-spectral (Thermal/Visible) Imaginsh system for Fever screening in Crowded places for Detection of Infectious Diseases.	Science & Engineering Research Board (SERB), Department of Science and Technology	1	2.00
Dr. A. Chandrasekar	Mr. R. Ranjith	Computer Science and Engineering	IEEE International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI – 2023)	IEEE	2 days	1.15
						Amount received (Rs.):3.15

## (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
Dr. A. Chandrasekar		Computer Science and Engineering	Development of Adaptive filtering algorithms for Graph Signal Processing problem	SERB-MATRICES File No MTR/2021/000405	3 Years	2.20
Dr. G. Mariakalavathy		Computer Science and Engineering	Artificial Intelligence Based Integrated and Distributed System for Preventing Covid-19 Spread using Deep learning.	ART PARK-Student Innovation grant Program, IISC.	1 Year	1.50
Dr. A. Chandrasekar	Mr. R. Ranjith	Computer Science and Engineering	IEEE International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI – 2022)	IEEE	2 Days	1.15
Dr. A. Chandrasekar		Computer Science and Engineering	SPICES - Scheme for Promoting Interests, Creativity and Ethics among Students	AICTE	3 Years	1.00
						Amount received (Rs.):5.85

**Total Amount (Lacs) Received for the Past 3 Years: 22.55**

**Note\*:**

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

**C8. Consultancy Work**

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

## (CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Ms.K.Raghi	Ms.K.Sudha	CSE	Video Analytics Package Development	Vels Infoway	3 Months	0.50
Ms Shanthini S	Mr.Vinu S	CSE	Online Examination Portal	SYASANS Career Analytics	3 Months	0.50
Ms Saranya D	Ms Lakshmi	CSE	Billing Software Development	Karthik Enterprises LTD	3 Months	0.40
Ms Janani S		CSE	Website Design for an electronic Warehouse	Sivaa Tronics	3 Months	0.25
Ms M R Archana Jenis		CSE	UI/UX Design and development Information Management System	Nandga Infotech	3 Months	0.25
Mr k RajKumar	Mr S. Niresh Kumar	CSE	Digital signage Solution Development	Vel Technologies Private Limited	1 Year	0.40
Dr C. Padeeswaran	Mr R. Ranjith	CSE	Website Development for an oil company	INDOVSK Agro Industries	3 Months	0.17
Ms. S Raghavi	Ms Shalini M	CSE	Learning App Development	Towards Technologies	3 Months	0.50
Ms L Reeba Rose		CSE	Website Development	Infobells Private Limited	3 Months	0.25
Dr B. Uma Maheswari	Dr R Hemalatha	CSE	Stock Maintainance System	M/S. Madras Switchgears Private Limited	1 Month	0.50
Dr E Ahila Devi	Ms P N Jeipratha	CSE	APP	AA	2 Month	0.50
						Amount received (Rs.):4.22

(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
Dr G Mariakalavathy		CSE	Digital Marketing Design	Stigmata Techno Solutions LLP	1 Month	0.03
Dr. E. Ahila Devi	Dr. G.Brindha	CSE	Production of Thermocol containers for Portable Food Storage	JAS Brothers Pvt. Ltd	3 Months	0.60
Dr. B. Diwan	Mr. I. S. Merin SAthya Dhas	CSE	Learning Management System(LMS) using Artificial Intelligence.	Six Phrase – The Finishing School	1 yEAR	2.00
						Amount received (Rs.):2.63

(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
Dr. E.Ahila Devi Dr. R.Kotesswara	Ms.P.N.Jeipratha	CSE	PLC based hydraulically operated Moulding machine	JAS Brothers Pvt. Ltd	3 Months	1.00
Ms. M. Shalini		CSE	Edicafe Website and Ebill Systems	Edicafe Pvt Ltd	1 Month	0.20
						Amount received (Rs.):1.20

Total amount (Lacs) received for the past 3 years: 8.05

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. A. Chandrasekar	Predicting Parkinsons Disease	1 Year	4.00	2.05	Publication
Dr. G. Mariakalavathy	Contextual Crop Ontology	1 Year	0.20	0.15	Publication
Dr.B. Diwan	Integrating blockchain and IoT	1 Year	1.00	0.65	Publication
Ms. P. N. Jeipratha	Optimal gene prioritization	2 Year	0.35	0.35	Publication
			Amount received (Rs.): 5.55		

(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. A. Chandrasekar	Feedback Systems	6 months	1.00	0.50	College level Feedback System
			Amount received (Rs.): 1.00		

(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. A. Chandrasekar	Smart Reception Software	2 Months	0.40	0.40	College level smart Reception software developed
			Amount received (Rs.): 0.40		

Total amount (Lacs) received for the past 3 years : 6.95

## 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	Data Structures Laboratory using C	66	Intel i3 Computers, Server, Switches, Laser Printer	9 Hours per W	Mr.Sudhakar J	System Analyst	DCT
2	Object Oriented Programming Laboratory	66	Intel i3 Computers, Server, Switches, Laser Printer	9 Hours per W	Mr.R.Naveen Raj	Computer Programmer	DEEE
3	Database Design and Management Laboratory	66	Intel i5 Computers, Server, Switches, Laser Printer	9 Hours per W	Mr T. Sathiya Raj	Lab Assistant	BCA
4	Operating Systems Laboratory	66	Intel i5 Computers, Server, Switches, Laser Printer	9 Hours per W	Mr.Sudhakar J	System Analyst	DCT
5	Object Oriented Analysis and Design Laboratory	66	Intel i7 Computers, Server, Switches, Laser Printer	9 Hours per W	Mr.R.Naveen Raj	Computer Programmer	DEEE
6	Networks Laboratory	66	Intel i5 Computers, Server, Switches, Laser Printer	9 Hours per W	Mr T. Sathiya Raj	Lab Assistant	BCA
7	Internet Programming Laboratory	66	Intel i3 Computers, Server, Switches, Laser Printer	9 Hours per W	Mr.Sudhakar J	System Analyst	DCT
8	Mobile Application Laboratory	66	Intel i5 Computers, Server, Switches, Laser Printer	9 Hours per W	Mr.R.Naveen Raj	Computer Programmer	DEEE
9	Artificial Intelligence (Lab Integrated)	66	Intel i5 Computers, Server, Switches, Laser Printer	9 Hours per W	Mr T. Sathiya Raj	Lab Assistant	BCA
10	Data Science Laboratory	66	Intel i5 Computers, Server, Switches, Laser Printer	9 Hours per W	Mr.Sudhakar J	System Analyst	DCT
11	Full Stack Development Laboratory	66	Intel i5 Computers, Server, Switches, Laser Printer	9 Hours per W	Mr.R.Naveen Raj	Computer Programmer	DEEE
12	Design Thinking and Innovations	66	Intel i5 Computers, Server, Switches, Laser Printer	Throughout the	Mr T. Sathiya Raj	Lab Assistant	BCA
13	Mini Project – I	66	Intel i5 Computers, Server, Switches, Laser Printer	Throughout the	Mr.Sudhakar J	System Analyst	DCT
14	Cloud Computing Laboratory	66	Intel i5 Computers, Server, Switches, Laser Printer	9 Hours per W	Mr.R.Naveen Raj	Computer Programmer	DEEE
15	Security Laboratory	66	Intel i5 Computers, Server, Switches, Laser Printer	9 Hours per W	Mr T. Sathiya Raj	Lab Assistant	BCA
16	Project Work Phase I	66	Intel i5 Computers, Server, Switches, Laser Printer	Throughout the	Mr.Sudhakar J	System Analyst	DCT
17	Project Work Phase II	66	Intel i5 Computers, Server, Switches, Laser Printer	Throughout the	Mr.R.Naveen Raj	Computer Programmer	DEEE

## D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
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1	Programming Algorithms Compiler Education (PACE) Lab	<p>Physical Safety • Fire Extinguisher, First aid kit • Eatables are not permitted inside the laboratory • Touching the power sockets when a computer is ON is avoided. • Electrical cords and cables organized to avoid tripping hazards. • Good airflow to prevent overheating of equipment and ensure user comfort. Hardware Safety • Fire Extinguisher, First aid kit • Turning off the computer when not in use • Plugging external devices without scanning them for computer viruses are avoided • Ensuring the temperature in the lab stays cool, since there are a lot of machines in a lab as these can overheat easily. • Handle the devices properly like CPUs, monitors, and peripherals with care to avoid physical damage • Cleaning the equipment periodically to prevent dust buildup that can cause overheating or malfunction • Ensuring all cables and devices are securely connected to avoid loose contacts or short circuits • Shut down the systems correctly to prevent data loss and hardware stress. Software Safety • Plugging external devices without scanning them for computer viruses are avoided • Periodic back up of all important data files are maintained. • Data security is achieved using licensed software to avoid pirated or unverified software to prevent legal issues and malware. • Antivirus programs and Firewalls protecting the systems from viruses, spyware, and other malicious software. • Keep operating systems and software up to date to fix bugs and security vulnerabilities. • Assign proper access levels to prevent unauthorized changes or data breaches • Regularly backing up important files to avoid data loss due to system failure or corruption. • Only downloading the software and files from trusted sources. • Protecting user accounts and sensitive information with complex passwords.</p>
2	Interactive Computing Lab	<p>Physical Safety • Fire Extinguisher, First aid kit • Eatables are not permitted inside the laboratory • Touching the power sockets when a computer is ON is avoided. • Electrical cords and cables organized to avoid tripping hazards. • Good airflow to prevent overheating of equipment and ensure user comfort. Hardware Safety • Fire Extinguisher, First aid kit • Turning off the computer when not in use • Plugging external devices without scanning them for computer viruses are avoided • Ensuring the temperature in the lab stays cool, since there are a lot of machines in a lab as these can overheat easily. • Handle the devices properly like CPUs, monitors, and peripherals with care to avoid physical damage • Cleaning the equipment periodically to prevent dust buildup that can cause overheating or malfunction • Ensuring all cables and devices are securely connected to avoid loose contacts or short circuits • Shut down the systems correctly to prevent data loss and hardware stress. Software Safety • Plugging external devices without scanning them for computer viruses are avoided • Periodic back up of all important data files are maintained. • Data security is achieved using licensed software to avoid pirated or unverified software to prevent legal issues and malware. • Antivirus programs and Firewalls protecting the systems from viruses, spyware, and other malicious software. • Keep operating systems and software up to date to fix bugs and security vulnerabilities. • Assign proper access levels to prevent unauthorized changes or data breaches • Regularly backing up important files to avoid data loss due to system failure or corruption. • Only downloading the software and files from trusted sources. • Protecting user accounts and sensitive information with complex passwords.</p>
3	Application Development Lab	<p>Physical Safety • Fire Extinguisher, First aid kit • Eatables are not permitted inside the laboratory • Touching the power sockets when a computer is ON is avoided. • Electrical cords and cables organized to avoid tripping hazards. • Good airflow to prevent overheating of equipment and ensure user comfort. Hardware Safety • Fire Extinguisher, First aid kit • Turning off the computer when not in use • Plugging external devices without scanning them for computer viruses are avoided • Ensuring the temperature in the lab stays cool, since there are a lot of machines in a lab as these can overheat easily. • Handle the devices properly like CPUs, monitors, and peripherals with care to avoid physical damage • Cleaning the equipment periodically to prevent dust buildup that can cause overheating or malfunction • Ensuring all cables and devices are securely connected to avoid loose contacts or short circuits • Shut down the systems correctly to prevent data loss and hardware stress. Software Safety • Plugging external devices without scanning them for computer viruses are avoided • Periodic back up of all important data files are maintained. • Data security is achieved using licensed software to avoid pirated or unverified software to prevent legal issues and malware. • Antivirus programs and Firewalls protecting the systems from viruses, spyware, and other malicious software. • Keep operating systems and software up to date to fix bugs and security vulnerabilities. • Assign proper access levels to prevent unauthorized changes or data breaches • Regularly backing up important files to avoid data loss due to system failure or corruption. • Only downloading the software and files from trusted sources. • Protecting user accounts and sensitive information with complex passwords</p>
4	Database & Information System Lab	<p>Physical Safety • Fire Extinguisher, First aid kit • Eatables are not permitted inside the laboratory • Touching the power sockets when a computer is ON is avoided. • Electrical cords and cables organized to avoid tripping hazards. • Good airflow to prevent overheating of equipment and ensure user comfort. Hardware Safety • Fire Extinguisher, First aid kit • Turning off the computer when not in use • Plugging external devices without scanning them for computer viruses are avoided • Ensuring the temperature in the lab stays cool, since there are a lot of machines in a lab as these can overheat easily. • Handle the devices properly like CPUs, monitors, and peripherals with care to avoid physical damage • Cleaning the equipment periodically to prevent dust buildup that can cause overheating or malfunction • Ensuring all cables and devices are securely connected to avoid loose contacts or short circuits • Shut down the systems correctly to prevent data loss and hardware stress. Software Safety • Plugging external devices without scanning them for computer viruses are avoided • Periodic back up of all important data files are maintained. • Data security is achieved using licensed software to avoid pirated or unverified software to prevent legal issues and malware. • Antivirus programs and Firewalls protecting the systems from viruses, spyware, and other malicious software. • Keep operating systems and software up to date to fix bugs and security vulnerabilities. • Assign proper access levels to prevent unauthorized changes or data breaches • Regularly backing up important files to avoid data loss due to system failure or corruption. • Only downloading the software and files from trusted sources. • Protecting user accounts and sensitive information with complex passwords</p>
5	Project & Research Lab	<p>Physical Safety • Fire Extinguisher, First aid kit • Eatables are not permitted inside the laboratory • Touching the power sockets when a computer is ON is avoided. • Electrical cords and cables organized to avoid tripping hazards. • Good airflow to prevent overheating of equipment and ensure user comfort. Hardware Safety • Fire Extinguisher, First aid kit • Turning off the computer when not in use • Plugging external devices without scanning them for computer viruses are avoided • Ensuring the temperature in the lab stays cool, since there are a lot of machines in a lab as these can overheat easily. • Handle the devices properly like CPUs, monitors, and peripherals with care to avoid physical damage • Cleaning the equipment periodically to prevent dust buildup that can cause overheating or malfunction • Ensuring all cables and devices are securely connected to avoid loose contacts or short circuits • Shut down the systems correctly to prevent data loss and hardware stress. Software Safety • Plugging external devices without scanning them for computer viruses are avoided • Periodic back up of all important data files are maintained. • Data security is achieved using licensed software to avoid pirated or unverified software to prevent legal issues and malware. • Antivirus programs and Firewalls protecting the systems from viruses, spyware, and other malicious software. • Keep operating systems and software up to date to fix bugs and security vulnerabilities. • Assign proper access levels to prevent unauthorized changes or data breaches • Regularly backing up important files to avoid data loss due to system failure or corruption. • Only downloading the software and files from trusted sources. • Protecting user accounts and sensitive information with complex passwords</p>

6	PG Lab	<p>Physical Safety • Fire Extinguisher, First aid kit • Eatables are not permitted inside the laboratory • Touching the power sockets when a computer is ON is avoided. • Electrical cords and cables organized to avoid tripping hazards. • Good airflow to prevent overheating of equipment and ensure user comfort. Hardware Safety • Fire Extinguisher, First aid kit • Turning off the computer when not in use • Plugging external devices without scanning them for computer viruses are avoided • Ensuring the temperature in the lab stays cool, since there are a lot of machines in a lab as these can overheat easily. • Handle the devices properly like CPUs, monitors, and peripherals with care to avoid physical damage • Cleaning the equipment periodically to prevent dust buildup that can cause overheating or malfunction • Ensuring all cables and devices are securely connected to avoid loose contacts or short circuits • Shut down the systems correctly to prevent data loss and hardware stress. Software Safety • Plugging external devices without scanning them for computer viruses are avoided • Periodic back up of all important data files are maintained. • Data security is achieved using licensed software to avoid pirated or unverified software to prevent legal issues and malware. • Antivirus programs and Firewalls protecting the systems from viruses, spyware, and other malicious software. • Keep operating systems and software up to date to fix bugs and security vulnerabilities. • Assign proper access levels to prevent unauthorized changes or data breaches • Regularly backing up important files to avoid data loss due to system failure or corruption. • Only downloading the software and files from trusted sources. • Protecting user accounts and sensitive information with complex passwords</p>
7	Cloud Computing Lab	<p>Physical Safety • Fire Extinguisher, First aid kit • Eatables are not permitted inside the laboratory • Touching the power sockets when a computer is ON is avoided. • Electrical cords and cables organized to avoid tripping hazards. • Good airflow to prevent overheating of equipment and ensure user comfort. Hardware Safety • Fire Extinguisher, First aid kit • Turning off the computer when not in use • Plugging external devices without scanning them for computer viruses are avoided • Ensuring the temperature in the lab stays cool, since there are a lot of machines in a lab as these can overheat easily. • Handle the devices properly like CPUs, monitors, and peripherals with care to avoid physical damage • Cleaning the equipment periodically to prevent dust buildup that can cause overheating or malfunction • Ensuring all cables and devices are securely connected to avoid loose contacts or short circuits • Shut down the systems correctly to prevent data loss and hardware stress. Software Safety • Plugging external devices without scanning them for computer viruses are avoided • Periodic back up of all important data files are maintained. • Data security is achieved using licensed software to avoid pirated or unverified software to prevent legal issues and malware. • Antivirus programs and Firewalls protecting the systems from viruses, spyware, and other malicious software. • Keep operating systems and software up to date to fix bugs and security vulnerabilities. • Assign proper access levels to prevent unauthorized changes or data breaches • Regularly backing up important files to avoid data loss due to system failure or corruption. • Only downloading the software and files from trusted sources. • Protecting user accounts and sensitive information with complex passwords</p>
8	Programming Foundations Lab	<p>Physical Safety • Fire Extinguisher, First aid kit • Eatables are not permitted inside the laboratory • Touching the power sockets when a computer is ON is avoided. • Electrical cords and cables organized to avoid tripping hazards. • Good airflow to prevent overheating of equipment and ensure user comfort. Hardware Safety • Fire Extinguisher, First aid kit • Turning off the computer when not in use • Plugging external devices without scanning them for computer viruses are avoided • Ensuring the temperature in the lab stays cool, since there are a lot of machines in a lab as these can overheat easily. • Handle the devices properly like CPUs, monitors, and peripherals with care to avoid physical damage • Cleaning the equipment periodically to prevent dust buildup that can cause overheating or malfunction • Ensuring all cables and devices are securely connected to avoid loose contacts or short circuits • Shut down the systems correctly to prevent data loss and hardware stress. Software Safety • Plugging external devices without scanning them for computer viruses are avoided • Periodic back up of all important data files are maintained. • Data security is achieved using licensed software to avoid pirated or unverified software to prevent legal issues and malware. • Antivirus programs and Firewalls protecting the systems from viruses, spyware, and other malicious software. • Keep operating systems and software up to date to fix bugs and security vulnerabilities. • Assign proper access levels to prevent unauthorized changes or data breaches • Regularly backing up important files to avoid data loss due to system failure or corruption. • Only downloading the software and files from trusted sources. • Protecting user accounts and sensitive information with complex passwords</p>
9	Intelligent Systems Lab	<p>Physical Safety • Fire Extinguisher, First aid kit • Eatables are not permitted inside the laboratory • Touching the power sockets when a computer is ON is avoided. • Electrical cords and cables organized to avoid tripping hazards. • Good airflow to prevent overheating of equipment and ensure user comfort. Hardware Safety • Fire Extinguisher, First aid kit • Turning off the computer when not in use • Plugging external devices without scanning them for computer viruses are avoided • Ensuring the temperature in the lab stays cool, since there are a lot of machines in a lab as these can overheat easily. • Handle the devices properly like CPUs, monitors, and peripherals with care to avoid physical damage • Cleaning the equipment periodically to prevent dust buildup that can cause overheating or malfunction • Ensuring all cables and devices are securely connected to avoid loose contacts or short circuits • Shut down the systems correctly to prevent data loss and hardware stress. Software Safety • Plugging external devices without scanning them for computer viruses are avoided • Periodic back up of all important data files are maintained. • Data security is achieved using licensed software to avoid pirated or unverified software to prevent legal issues and malware. • Antivirus programs and Firewalls protecting the systems from viruses, spyware, and other malicious software. • Keep operating systems and software up to date to fix bugs and security vulnerabilities. • Assign proper access levels to prevent unauthorized changes or data breaches • Regularly backing up important files to avoid data loss due to system failure or corruption. • Only downloading the software and files from trusted sources. • Protecting user accounts and sensitive information with complex passwords</p>
10	Web Works Studio	<p>Physical Safety • Fire Extinguisher, First aid kit • Eatables are not permitted inside the laboratory • Touching the power sockets when a computer is ON is avoided. • Electrical cords and cables organized to avoid tripping hazards. • Good airflow to prevent overheating of equipment and ensure user comfort. Hardware Safety • Fire Extinguisher, First aid kit • Turning off the computer when not in use • Plugging external devices without scanning them for computer viruses are avoided • Ensuring the temperature in the lab stays cool, since there are a lot of machines in a lab as these can overheat easily. • Handle the devices properly like CPUs, monitors, and peripherals with care to avoid physical damage • Cleaning the equipment periodically to prevent dust buildup that can cause overheating or malfunction • Ensuring all cables and devices are securely connected to avoid loose contacts or short circuits • Shut down the systems correctly to prevent data loss and hardware stress. Software Safety • Plugging external devices without scanning them for computer viruses are avoided • Periodic back up of all important data files are maintained. • Data security is achieved using licensed software to avoid pirated or unverified software to prevent legal issues and malware. • Antivirus programs and Firewalls protecting the systems from viruses, spyware, and other malicious software. • Keep operating systems and software up to date to fix bugs and security vulnerabilities. • Assign proper access levels to prevent unauthorized changes or data breaches • Regularly backing up important files to avoid data loss due to system failure or corruption. • Only downloading the software and files from trusted sources. • Protecting user accounts and sensitive information with complex passwords</p>

## D3. Project Laboratory/Research Laboratory

**Table No. 7.5.1:** List of project laboratory/research laboratory /Centre of Excellence.**Project and Research Laboratory**

S.N.	Name of the Laboratory	Details	Purpose for Creating Facility	Relevance to POs/PSOs
1	Project and Research Lab	Intel i5 Computers, Server, Switches, Laser Printer	<ul style="list-style-type: none"> <li>• Research</li> <li>• Innovation</li> <li>• Skill Development</li> </ul>	<p><b>PO4:</b> Conduct investigations of complex problems</p> <p><b>PO5:</b> Modern tool usage</p> <p><b>PO9:</b> Individual and team work</p> <p><b>PSO1:</b> Efficacy</p> <p><b>PSO2:</b> Potentiality to design</p>
2	Project and Research Lab	Intel i9 Computers, Server, Switches, Laser Printer	<ul style="list-style-type: none"> <li>• Research</li> <li>• Innovation</li> <li>• Skill Development</li> </ul>	<p><b>PO4:</b> Conduct investigations of complex problems</p> <p><b>PO5:</b> Modern tool usage</p> <p><b>PO11:</b> Project management and finance</p> <p><b>PSO2:</b> Potentiality to design</p> <p><b>PSO3:</b> Technical expertise</p>

**Centre of Excellence**

S.N.	Name of the Laboratory	Details	Purpose for Creating Facility	Relevance to POs/PSOs
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1	<p><b>PEP Center:</b></p> <p>Artificial Intelligence and Machine Learning</p>	<p>12<sup>th</sup> Gen Intel® Core i7-12700 2.10 GHz 16 GB RAM</p>	<ul style="list-style-type: none"> <li>• Research</li> <li>• Innovation</li> <li>• Skill Development</li> </ul>	<p><b>PO 1:</b> Engineering Knowledge <b>PO 2:</b> Problem Analysis <b>PO 4:</b> Conduct Investigations of Complex Problems <b>PO 5:</b> Modern Tool Usage <b>PO 12:</b> Life-long Learning <b>PSO 1:</b> Efficacy <b>PSO 2:</b> Potentiality to Design <b>PSO 3:</b> Technical Expertise</p>
2	<p><b>PEP Center:</b></p> <p>Metaverse</p>	<p>HPZ2G9 Tower workstation, i7-700W 14700K vPro Enterprise 5.60G 33 MB 20 cores 125W CPU</p>	<ul style="list-style-type: none"> <li>• Expertise in Virtual Reality (VR)</li> <li>• Augmented Reality (AR)</li> </ul>	<p><b>PO 1:</b> Engineering Knowledge <b>PO 2:</b> Problem Analysis <b>PO 3:</b> Design/Development of Solutions <b>PO 5:</b> Modern Tool Usage <b>PO 9:</b> Individual and Team Work <b>PO 12:</b> Life-long Learning <b>PSO 1:</b> Efficacy <b>PSO 2:</b> Potentiality to Design <b>PSO 3:</b> Technical Expertise</p>

3	<p><b>PEP Center:</b></p> <p>Full Stack Development</p>	<p>HPZ2G9 Tower workstation, i7-700W 14700K vPro Enterprise 5.60G 33 MB 20 cores 125W CPU</p>	<ul style="list-style-type: none"> <li>Expertise in Integrated Web and Software System Development</li> </ul>	<p><b>PO 1:</b> Engineering Knowledge</p> <p><b>PO 2:</b> Problem Analysis</p> <p><b>PO 3:</b> Design/Development of Solutions</p> <p><b>PO 5:</b> Modern Tool Usage</p> <p><b>PO 9:</b> Individual and Team Work</p> <p><b>PO 10:</b> Communication</p> <p><b>PO 12:</b> Life-long Learning</p> <p><b>PSO 1:</b> Efficacy</p> <p><b>PSO 2:</b> Potentiality to Design</p> <p><b>PSO 3:</b> Technical Expertise</p>
4	<p><b>Honey well : UI -PATH</b> and <b>CELONIS – ACADEMIC ALLIANCE RAISING STAR</b></p>	<p><b>UI-Path Studio</b></p> <p><b>OS:</b> Windows 10/11 or Windows Server 2016+</p> <p><b>RAM:</b> 8GB+ (16GB recommended for complex bots)</p> <p>Windows 10 or later 8 GB RAM or more , Intel i3</p>	<p><b>Honey Well</b></p> <ul style="list-style-type: none"> <li>Centre of Excellence (COE) under the CSR initiative of Honeywell.</li> <li>123 girl students and 1 staff were trained in UIPATH</li> <li>100 hours of activity based and hands on training.</li> <li>Placement Assistance</li> <li>International Certification</li> </ul> <p><b>CELONIS – Academic Alliance Raising Star</b></p> <ul style="list-style-type: none"> <li>120 Students were trained in process mining.</li> <li>Placement Assistance</li> <li>International Certifications</li> </ul>	<p><b>PO4 :</b>Conduct Investigations of Complex Problems</p> <p><b>PO5 :</b>Modern Tool Usage</p> <p><b>PO9 :</b> Individual and Team Work</p> <p><b>PO10 :</b> Communication</p> <p><b>PO12 :</b> Life-long Learning</p> <p><b>PSO1:</b> Efficacy</p> <p><b>PSO2 :</b> Potentiality to Design</p> <p><b>PSO3 :</b> Technical Expertise</p>

5	<b>PAYPAL and SALESFORCE</b>	Cloud - AWS Cloud 9,Windows 10 or later / MAC OS Mojave, Sales Force Tools  Windows 10 or later / MAC OS Mojave, Sales Force Tools	<p><b>Paypal</b></p> <ul style="list-style-type: none"> <li>Establishing a Centre Women Empowerment under the Student Enablement Program a CSR initiative of PayPal India.</li> <li>110 girl students and a staff were trained.</li> <li>Placement Assistance</li> <li>International Certifications</li> </ul> <p><b>SALESFORCE</b></p> <ul style="list-style-type: none"> <li>Gain the ability to configure and manage Sales force environments, including users, security, and data.</li> <li>Learn to automate business processes using tools like workflows, flows, and validation rules.</li> <li>Prepare for the Salesforce Certified Administrator exam, enabling roles in CRM management and cloud-based business operations.</li> </ul>	<p><b>PO2:</b> Problem Analysis</p> <p><b>PO5:</b> Modern Tool Usage</p> <p><b>PO9:</b> Individual and Team Work</p> <p><b>PO10:</b> Communication</p> <p><b>PO11:</b> Project Management and Finance</p> <p><b>PSO1:</b> Efficacy</p> <p><b>PSO2:</b> Potentiality to Design</p> <p><b>PSO3:</b> Technical Expertise</p>
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**Project Laboratory Outcomes**

S.No	Year	Domain	Student Publication Count
1	2021-2022	AI&ML	7
		Wireless Sensor Networks	0
		Image Processing	0
		Network Security	01
		Big Data	0
		Cloud Computing	0
<b>Total</b>			<b>8</b>

2	2022-2023	AI&ML	01
		Wireless Sensor Networks	01
		Image Processing	01
		Cloud Computing	01
		Block Chain	0
		Network Security	0
		Big Data	01
<b>Total</b>		<b>4</b>	
3	2023-2024	AI&ML	17
		Wireless Sensor Networks	05
		Image Processing	03
		Cloud Computing	04
		Block Chain	01
<b>TOTAL</b>		<b>30</b>	

## Research Laboratory Outcomes : Faculty Publication

S.N.	Item	2023 – 2024	2022 – 2023	2021 - 2022
1	No. of peer reviewed journal papers published	27	26	66
2	No. of peer reviewed conference papers published	53	32	18
3	No. of books/book chapters published	6	3	6
		86	61	90

## RESEARCH LAB OUTCOME – FACULTY CONTRIBUTIONS

S. No	Year	Domain	Publication	Patent	Consultancy	R&D Projects	Total
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1	2024	AI&ML	43	33		3	75
		Blockchain	7	3			10
		Cloud Computing	3				1
		Image Processing	8	1		1	10
		Wireless Sensor Network	10	0			8
		Cybersecurity	9	2			11
		Virtual Reality	1				1
		Big Data	1	1			2
		Web Development			11		11
<b>Total</b>		<b>86</b>	<b>40</b>	<b>11</b>	<b>4</b>	<b>141</b>	
2	2023	AI&ML	33	9			42
		Big Data	1	5			6
		Cloud Computing	3	5			8
		Signal Processing	3	4			7
		Image Processing	4	4		1	9
		IOT	11	6			17
		Wireless Sensor Networks	6	3			9
		Others				1	1
<b>Total</b>		<b>61</b>	<b>36</b>	<b>0</b>	<b>2</b>	<b>99</b>	

3	2022	AI&ML	44	40		3	84
		Wireless Sensor Networks	16	2			12
		Image Processing	14	2			16
		Big Data	1				
		Signal processing	4				4
		Cloud Security	3	1			4
		Optical Communication Engineering	1				1
		Grid system and Energy System	2				2
		E-Commerce		1	1		2
		Block Chain		1			1
		Cloud Computing	3	1			2
		Internet Of Things		2			2
		Human Computer Interaction	1				1
		parallel and Distributed Computing	1				1
		Robotics		1			1
Student Innovation				1	1		
<b>Total</b>		<b>90</b>	<b>51</b>	<b>1</b>	<b>4</b>	<b>146</b>	

**Research Laboratory Outcomes :****List of sponsored research projects sanctioned from external agencies.**

S.N.	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	Sanctioned
1	Mr. S. Niresh Kumar	S. Harini	Computer Science and Engineering	"ECO HUB – INTEGRATED SUSTAINABLE SOLUTIONS PLATFORM"	MSME	1 Year	8,00,000
2	Mr. S. Niresh Kumar	Anjana K and Gayathri N	Computer Science and Engineering	"HEALTHBOT"	NIRAL THIRIVIZHA	Six months	10,000

3	Dr. P. Velvizhy	Ms. K. R. Raghi	Computer Science and Engineering	Stepsmart: Design and Development of an Affordable IoT & Deep Learning Based Footwear for Diabetic Health Monitoring	AU-CFR-Seed Research Grant	1 Year	1,00,000
4	Dr. A. Chandrasekar	Ms. S. Raghavi Mr. R. Ranjith	Computer Science and Engineering	IEEE International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI – 2024)	IEEE		1,15,000
<b>Amount Sanctioned (Rs.)</b>							<b>10,25000</b>
1	Dr. A. Chandrasekar	Mr. R. Ranjith	Computer Science and Engineering	IEEE International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI – 2024)	IEEE		1,15,000
<b>Amount Sanctioned (Rs.)</b>							<b>1,15,000</b>
1	Dr. A. Chandrasekar		Computer Science and Engineering	Development of Adaptive filtering algorithms for Graph Signal Processing problem	SERB-MATRICS File No MTR/2021/000405	3 Years	6,00,000

2	Dr. A. Chandrasekar	Dr. S. Jothi	Computer Science and Engineering	A Novel Artificial Intelligence Based Approach for Automatic Evaluation of Speech Disorder and Treatment Effects for Aphasia Patients	AICTE-RPS	3 Years 18.02.2022	5,36,000
3	Dr.M.PalaniThankaraj	Dr.B. Parvathavarthini	Computer Science and Engineering	Development of multi-spectral (Thermal/Visible) Imagin h system for Fever screening in Crowded places for Detection of Infectious Diseases.	Science & Engineering Research Board (SERB), Department of Science and Technology		11,61,000
4	Dr. G. Mariakalavathy		Computer Science and Engineering	Artificial Intelligence Based Integrated and Distributed System for Preventing Covid-19 Spread using Deep learning.	ART PARK- Student Innovation grant Program, IISC.		3,50,000
5	Dr. A. Chandrasekar		Computer Science and Engineering	IEEE International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI – 2022)	IEEE		1,15,000
<b>Amount Sanctioned (Rs.)</b>							<b>27,62,000</b>
<b>Total Amount (Lacs) Sanctioned for the Past 3 Years</b>							<b>39,02,000</b>

S.N.	Year	Sanctioned Amount
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1	2023 - 2024	10,25000
2	2022-2023	1,15,000
3	2021-2022	27,62,000
<b>Total Amount (Lacs) Sanctioned for the Past 3 Years</b>		<b>39,02,000</b>

S.N.	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 Received (Lacs)
<b>2023 - 2024</b>							
1	Mr. S. Niresh Kumar	Anjana K Gayathri N	Computer Science and Engineering	"HEALTHBOT"	NIRAL THIRIVIZHA	Six months	10,000
2	Dr. A. Chandrasekar	Ms. S. Raghavi Mr. R. Ranjith	Computer Science and Engineering	IEEE International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI – 2024)	IEEE		1, 15,000
3	Dr. A. Chandrasekar		Computer Science and Engineering	Development of Adaptive filtering algorithms for Graph Signal Processing problem	SERB-MATRICES File No MTR/2021/000405	3 Years	2,00,000
4	Dr. A. Chandrasekar			PMKVY 4.0			9,29,839
<b>Amount received (Rs.)</b>							<b>2,15,000</b>
<b>2022 - 2023</b>							

1	Dr.M.PalaniThankaraj (EIE)	Dr.B. Parvathavarthini (CSE)		Development of multi- spectral (Termal/Visible) Imagin h system for Fever screening in Crowded places for Detection of Infectious Diseases.	Science & Engineering Research Board (SERB), Department of Science and Technology		2,00,000 26/08/2022
2	Dr. A. Chandrasekar	Mr. R. Ranjith	Computer Science and Engineering	IEEE International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI – 2023)	IEEE		1, 15,000
<b>Amount received (Rs.)</b>							<b>3,15,000</b>
<b>2021 - 2022</b>							
1	Dr. A. Chandrasekar		Computer Science and Engineering	Development of Adaptive filtering algorithms for Graph Signal Processing problem	SERB-MATRICES File No MTR/2021/000405	3 Years	2,20,000
2	Dr. G. Mariakalavathy		Computer Science and Engineering	Artificial Intelligence Based Integrated and Distributed System for Preventing Covid-19 Spread using Deep learning.	ART PARK- Student Innovation grant Program, IISC.		1,50,000(05/2022)

3	Dr. A. Chandrasekar	Ms. S. Raghavi Mr. R. Ranjith	Computer Science and Engineering	IEEE International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI – 2022)	IEEE		1, 15,000	<b>List of sponsored research projects received from external agencies.</b>		
4	Dr. A. Chandrasekar		Computer Science and Engineering	SPICES - Scheme for Promoting Interests, Creativity and Ethics among Students	AICTE		1,00,000			
								1	2023-2024	2,15,000
								2	2022-2023	3,15,000
								3	2021-2022	5,85,000
<b>Amount received (Rs.)</b>							<b>5,85,000</b>	<b>Total Amount (Lacs) Received for the Past 3 Years</b>		<b>11,15,000</b>
<b>Total Amount (Lacs) Received for the Past 3 Years</b>							<b>11,15,000</b>			

**List of consultancy projects received from external agencies.**

S.N	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)
<b>2023-2024</b>							
1	Ms.K.Raghi	Ms.K.Sudha	CSE	Video Analytics Package Development	Vels Infoway	3 Months	50000
2	Ms Shanthini S	Mr.Vinu S	CSE	Online Examination Portal	SYASANS Career Analytics	3 Months	50000
3	Ms Saranya D	Ms Lakshmi	CSE	Billing Software Development	Karthik Enterprises LTD	3 Months	40000
4	Ms Janani S		CSE	Website Design for an electronic Warehouse	Sivaa Tronics	3 Months	25000
5	Ms M R Archana Jenis		CSE	UI/UX Design and development Information Management System	Nandga Infotech	3 Months	25000

6	Mr RajKumar	Mr Niresh Kumar	CSE	Digital signage Solution Development	Vel Technologies Private Limited	1 Year	40000
7	Dr Ahila Devi	Ms Jeipratha	CSE	PLC based hydraulically operated Moulding machine	Jas brothers	3 Months	50000
8	Dr Padeeswaran	Mr Ranjith	CSE	Website Development for an oil company	INDOVSK Agro Industries	3 Months	17000
9	MS Raghavi	Ms Shalini M	CSE	Learning App Development	Towards Technologies	3 Months	50000
10	Ms L Reeba Rose		CSE	Website Development	Infobells Private Limited	3 Months	25000
11	Dr Uma Maheswari	Dr R Hemalatha	CSE	Stock Maintainance System	M/S. Madras Switchgears Private Limited	1 Month	50000
<b>Amount received (Rs.)</b>							<b>4,22,000</b>
<b>2022 - 2023</b>							
1	Dr G Mariakalavathy		CSE	Digital Marketing Design	Stigmata Techno Solutions LLP	1 Month	3300
2	Dr. E. Ahila Devi	Dr. G.Brindha	CSE	Production of Thermocol containers for Portable Food Storage	JAS Brothers Pvt. Ltd	3 Months	50,000
3	Dr. B. Diwan	Mr. I. S. Merin SATHya Dhas	CSE	Learning Management System(LMS) using Artificial Intelligence.	Six Phrase – The Finishing School	1 Year	2,00,000
<b>Amount received (Rs.)</b>							<b>2,53,300</b>
<b>2021 - 2022</b>							
1	Dr. E.Ahila Devi Dr. R.Kotesswaran	Ms.P.N.Jeipratha	CSE	PLC based hydraulically operated Moulding machine	JAS Brothers Pvt. Ltd	3 Months	1,00,000
2	Ms. M. Shalini		CSE	Edicafe Website and Ebill Systems	Edicafe Pvt Ltd	1 Month	20,000

<b>Amount received (Rs.)</b>	<b>1,20,000</b>
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**Research Laboratory Outcomes**

List of consultancy projects received from external agencies.

S.No	Year	Amount Received
1	2023-2024	4,22,000
2	2022-2023	2,53,300
3	2021-2022	1,20,000
	<b>Total Amount (Lacs) Received for the Past 3 Years</b>	<b>7,95,300</b>

**Research Laboratory Outcome:**

List of faculty members developed MOOC course in research lab

S.N.	Name of the Faculty	Name of the Course Developed and available online on Swayam platform
1	Dr. C. Pandeewaran	MAC protocol Design to achieve energy efficiency and low latency for time critical applications using COOJA Simulator
2	Mr. P. Naveen	HTML: Tables <a href="https://youtu.be/lrui5WKBsaA">https://youtu.be/lrui5WKBsaA</a> ( <a href="https://youtu.be/lrui5WKBsaA">https://youtu.be/lrui5WKBsaA</a> ) HTML : Forms <a href="https://youtu.be/Q6ilGLGxfj4">https://youtu.be/Q6ilGLGxfj4</a> HTML : Additional Form Elements <a href="https://youtu.be/cwXAb1NSv6o">https://youtu.be/cwXAb1NSv6o</a> ( <a href="https://youtu.be/cwXAb1NSv6o">https://youtu.be/cwXAb1NSv6o</a> ) Introduction to HTML <a href="https://youtu.be/GAnelfckjBs">https://youtu.be/GAnelfckjBs</a> ( <a href="https://youtu.be/GAnelfckjBs">https://youtu.be/GAnelfckjBs</a> )

**Research Laboratory Outcome**

FDPs/STPs organized by Department for the past 3 years.

S.No	Year	Number of FDP / STP Organized	No. of People Attended
1	2023-2024	04	210
2	2022-2023	07	350
3	2021-2022	02	100
	<b>Total</b>	<b>13</b>	<b>660</b>

**Centre of Excellence Outcomes – Hackathon Winners**

S.No	Year	Domain	Number of Teams Won the Hackathon
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1	2024-2025	Artificial Intelligence and Machine Learning Internet of Things	09
2	2023-2024	Artificial Intelligence and Machine Learning Internet of Things	02
3	2022-2023	Artificial Intelligence and Machine Learning	03
4	2021-2022	Full Stack Development	02
<b>Total</b>			<b>16</b>

2022	2023
 <p><b>SMART INDIA HACKATHON 2022</b> <i>Winners</i></p> <p><b>Third Prize</b> Rs. 50,000/- Team Name: <i>The Tribes</i></p> <p><b>Team Leader:</b> Binikaran M - IV Year CSE <b>Team Members:</b> Srikanth Ram S, Siva Dharsini R, Nivesha B, Manojkumar Pragasam C, Joe Antony V <b>Mentor:</b> Dr. Uma Maheswari B</p> <p><i>Congratulations</i></p>	 <p><b>St. JOSEPH'S COLLEGE OF ENGINEERING</b> (AN AUTONOMOUS INSTITUTION) OMR, CHENNAI - 119</p> <p><b>BELOVED CHAIRMAN</b> <b>TEAM MEMBER:</b> HARINI S <b>MENTOR:</b> MR. S. NIRESH KUMAR ASSISTANT PROFESSOR <b>DEPARTMENT:</b> COMPUTER SCIENCE AND ENGINEERING</p> <p><b>PROJECT TITLE:</b> <b>ECOHUB - INTEGRATED SUSTAINABLE SOLUTIONS PLATFORM</b></p> <p><b>MSME IDEA HACKATHON 3.0 (WOMEN)</b> GRANT APPROVED <b>Rs. 8 LAKH</b></p> <p><b>St. JOSEPH'S COLLEGE OF ENGINEERING</b> OMR, CHENNAI - 119 <i>The Choice of Disciplined Toppers</i></p>
2024	2024
 <p><b>St. JOSEPH'S COLLEGE OF ENGINEERING</b> An Autonomous Institution, Affiliated to Anna University</p> <p><b>DATATHON 2024</b> Presented by: I2S Microsoft</p> <p><b>WINNERS</b></p> <p><b>WINNER OF CHALLENGE - 2</b> ₹1,00,000/-</p> <p><b>TEAM MEMBERS - IV CSE:</b> SARUMATHY P, VIGNESH E, SNEHAN B, SRIVATSAN S <b>MENTOR:</b> Dr. B. UMA MAHESWARI ASSOCIATE PROFESSOR, DEPT. OF CSE</p> <p><b>PROBLEM STATEMENT:</b> TRAFFIC FLOW OPTIMISATION AND CONGESTION MANAGEMENT</p> <p><b>St. JOSEPH'S GROUP OF INSTITUTIONS, OMR, CHENNAI - 119</b> www.stjosephs.ac.in</p>	 <p><b>St. JOSEPH'S COLLEGE OF ENGINEERING</b> An Autonomous Institution, Affiliated to Anna University</p> <p><b>III CSE STUDENTS</b></p> <p><b>WINNERS NATIONAL LEVEL GOVERNMENT EVENT</b> <b>Rs. 25,000/-</b> <b>YOUNG ENTREPRENEUR SUMMIT</b></p> <p><b>HARISH BALAJI S, HARSHINI TV, BALASUBRAMANIAM RAMAMOORTHY</b> <b>TEAM NAME:</b> AVIDA <b>CATEGORY:</b> TECHNOLOGY AND INNOVATION</p> <p><b>St. JOSEPH'S GROUP OF INSTITUTIONS, OMR, CHENNAI - 119</b> www.stjosephs.ac.in</p>

## 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
2022-23(CAYm2)	1440	72	44	111	80
2023-24(CAYm1)	1440	72	52	128	93
2024-25(CAY)	1500	75	57	138	98

### 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 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	Budgeted in 2021-22	Actual Expenses in 2021-22 till
Infrastructure Built-Up	210000000	168288344	200000000	166360721	110000000	82437263	70000000	53576288
Library	17000000	15138014	16500000	14905787	14000000	12124438	9500000	8057575
Laboratory equipment	37500000	34337454	47750000	43016973	24000000	21190541	7000000	6065438
Teaching and non-teaching staff salary	585000000	587785565	505000000	504356088	385000000	385169982	307000000	305342141
Outreach Programs	3100000	2909227	6600000	5952700	1100000	976977	1000000	898640
R&D	110000000	99391146	68000000	61303675	20000000	17012295	16000000	13952019
Training, Placement and Industry linkage	19500000	17456715	35800000	32225743	35600000	30935280	5100000	4432196
SDGs	220000000	202209574	138400000	124721269	39800000	34611220	35000000	28385141
Entrepreneurship	15000000	13709124	9400000	8455679	2700000	2346523	2200000	1924416
Others, specify	27500000	27418247	18800000	16911359	5400000	4693046	4500000	3848833
<b>Total</b>	<b>1244600000</b>	<b>1168643410</b>	<b>1046250000</b>	<b>978209994</b>	<b>637600000</b>	<b>591497565</b>	<b>457300000</b>	<b>426482687</b>

### 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 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	Budgeted in 2021-22	Actual Expenses in 2021-22 till
Laboratory equipment	6000000	5907680	200000	0	375000	373700	150000	0
Software	150000	0	200000	259600	500000	519200	480000	476425
SDGs	500000	274401	500000	474533	100000	87000	0	0
Support for faculty development	565000	653000	900000	924000	350000	331500	290000	289000
R & D	750000	726537	300000	221000	150000	131500	200000	118500
Industrial Training, Industry expert, Internship	8600000	8521700	5500000	5257300	4250000	4225600	3900000	3912000
Miscellaneous Expenses*	1443000	1360798	952500	889596	971500	907020	665950	558469
<b>Total</b>	<b>18008000</b>	<b>17444116</b>	<b>8552500</b>	<b>8026029</b>	<b>6696500</b>	<b>6575520</b>	<b>5685950</b>	<b>5354394</b>