NATIONAL BOARD OF ACCREDITATION

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

Program Name : Information Technology	**Discipline**: Engineering & Technology
Level : Under Graduate	**Tier**: 1
Application No: 10454	**Date of Submission**: 22-03-2025

PART A- Profile of the Institute

A1.Name of the Institute: ST. JOSEPH'S COLLEGE OF ENGINEERING	
Year of Establishment : 1994	Location of the Institute: Chennai
A2. Institute Address: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
A3. Name and Address of the Affiliating University (if any):	
Name of the University : ANNA UNIVERSITY OF TECHNOLOGY CHENNAI	City: Chennai
State : Tamil Nadu	Pin Code: 600119
A4. Type of the Institution: Autonomous CAY(2020-21)	
A5. Ownership Status: 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
Information Technology	Yes	Information Technology	UG
Chemical Engineering	Yes	Chemical Engineering	UG
Electronics and Communication Engineering	Yes	Electronics & Communication Engineering	UG

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

Allied Department/Cluster Name	Program Name	Program Level
Computer Science and Engineering	Computer Science and Engineering	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
Computer Science and Engineering	Computer Science and Engineering	PG

PART-B: Program information

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

Table No. B1: Program details.
A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Information Technology	UG	1997 / --	40	Yes	2023	240	2023	F.No.southern/1-36525356459/EOA dated 11.06.2023,F.No.southern/1-43661065444/2024/EOA dated 19.05.24	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

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	Computer Science and Engineering	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

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

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

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
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

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

5	Computer Science and Engineering	Computer Science and Engineering	PG	2004 / --	18	No	NA	18	2004	F.No.southern/1-43661065444/2024/EOA dated 19.05.2024	Eligible but not applied	--	--	0	2

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

A. Name of the HoD :	Dr. C. HeltinGenitha
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)	240	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	240	240	180	180	180	180	180
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	3	4	8	2	0	1
N3=Separate division if any	0	0	0	0	0	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	21	14	14	12	1	10	12
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	261	257	198	200	183	190	193

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)	240	21	0	108.75
2023-24 (CAYm1)	240	14	0	105.83
2022-23 (CAYm2)	180	14	0	107.78

Average [(ER1 + ER2 + ER3) / 3] = 107.45≡ 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).	182.00	185.00	189.00
B=No. of students who graduated from the program in the stipulated course duration	173.00	181.00	187.00
Success Rate (SR)= (B/A) * 100	95.05	97.84	98.94

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 97.28

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)	8.33	7.95	8.17
Y=Total no. of successful students	197.00	168.00	152.00
Z=Total no. of students appeared in the examination	254.00	194.00	192.00
API [X*(Y/Z)]	6.46	6.88	6.47

Average API[(AP1+AP2+AP3)/3] : 6.60

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)	8.25	8.18	8.88
Y=Total no. of successful students	166.00	163.00	173.00
Z=Total no. of students appeared in the examination	172.00	160.00	182.00
API [X * (Y/Z)]	7.96	8.33	8.44

Average API [(AP1 + AP2 + AP3)/3] : 8.24

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)	8.20	8.76	8.67
Y=Total no. of successful students	163.00	173.00	181.00
Z=Total no. of students appeared in the examination	163.00	173.00	184.00
API [X*(Y/Z)]:	8.20	8.76	8.53

Average API [(AP1 + AP2 + AP3)/3] : 8.50

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	183.00	186.00	188.00
X=No. of students placed	139.00	138.00	165.00
Y=No. of students admitted to higher studies	10.00	10.00	3.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	81.42	79.57	89.36

Average Placement Index = (P_1 + P_2 + P_3)/3: 83.45 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. S. Duraimurugan	XXXXXXX06B	ME/M. Tech and PhD	Sathyabama Institute of Science and Technology	Wireless Sensor Networks	18/06/2007	17.9	Lecturer	Professor	01/07/2023	Regular	Yes		
2	Dr. A. Tamizhselvi	XXXXXXX59R	ME/M. Tech and PhD	Anna University	VANET	18/06/2007	17.9	Lecturer	Professor	01/07/2024	Regular	Yes		
3	Dr. S. Sumathi	XXXXXXX93B	ME/M. Tech and PhD	Anna University	Wireless Sensor Networks	18/06/2007	17.9	Lecturer	Professor	01/07/2024	Regular	Yes		
4	Dr. C. J. Raman	XXXXXXX61C	ME/M. Tech and PhD	Sathyabama Institute of Science and Technology	Artificial Intelligence	02/06/2008	16.9	Lecturer	Professor	01/07/2024	Regular	Yes		
5	Dr. M. Anbu	XXXXXXX13P	ME/M. Tech and PhD	Anna University	Software Defect Prediction	27/05/2002	22.9	Lecturer	Associate Professor	26/10/2016	Regular	Yes		
6	Dr. C. N. Gnanaprakasam	XXXXXXX70Q	ME/M. Tech and PhD	Sathyabama Institute of Science and Technology	Fuzzy Systems	01/06/2023	1.9	Associate Professor	Associate Professor		Regular	Yes		
7	Dr. R. Elavarasan	XXXXXXX35R	ME/M. Tech and PhD	Sathyabama Institute of Science and Technology	Wireless Sensor Networks	18/06/2007	17.9	Lecturer	Associate Professor	01/07/2024	Regular	Yes		
8	Dr. G. Manikandan	XXXXXXX78F	ME/M. Tech and PhD	Anna University	Wireless Sensor Networks	18/06/2007	17.9	Lecturer	Associate Professor	01/07/2023	Regular	Yes		
9	Dr. J. ThresaJeniffer	XXXXXXX35H	ME/M. Tech and PhD	Anna University	IoT and Neural Networks	23/07/2014	10.7	Assistant Professor	Associate Professor	01/07/2024	Regular	Yes		
10	Dr. J. Divya	XXXXXXX92K	ME/M. Tech and PhD	Anna University	Deep Learning in IoT	06/08/2012	12.7	Assistant Professor	Assistant Professor		Regular	Yes		
11	Ms. M. Nivethitha Devi	XXXXXXX53N	M.E/M.Tech	Anna University	Nanotechnology	09/06/2010	14.9	Assistant Professor	Assistant Professor		Regular	Yes		
12	Ms. G. Lathaselvi	XXXXXXX70E	M.E/M.Tech	Madras University	Cloud Computing	05/06/1996	28.9	Lecturer	Assistant Professor		Regular	Yes		
13	Ms. M. Janani	XXXXXXX11E	M.E/M.Tech	Anna University	Natural language processing	17/08/2011	13.7	Assistant Professor	Assistant Professor		Regular	Yes		
14	Ms. J. Gnanasoundharam	XXXXXXX05F	M.E/M.Tech	Anna University	Machine Learning	06/08/2012	12.7	Assistant Professor	Assistant Professor		Regular	Yes		
15	Mr. D. Dinesh Kumar	XXXXXXX56C	M.E/M.Tech	Anna University	Robotics and control	06/08/2012	12.7	Assistant Professor	Assistant Professor		Regular	Yes		
16	Mr. Kripa Sekaran	XXXXXXX99N	M.E/M.Tech	Anna University	Deep Learning	08/02/2017	8.1	Assistant Professor	Assistant Professor		Regular	Yes		
17	Mr. K. R. Radhakrishnan	XXXXXXX84Q	M.E/M.Tech	Anna University	Biomedical Image Processing	01/06/2020	4.9	Assistant Professor	Assistant Professor		Regular	Yes		
18	Ms. P. M. Sinthuja	XXXXXXX32M	M.E/M.Tech	Sathyabama Institute of Science and Technology	Machine Learning	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		
19	Ms. D. JeyaPriya	XXXXXXX48F	M.E/M.Tech	Anna University	Machine Learning	11/08/2022	2.7	Assistant Professor	Assistant Professor		Regular	Yes		

20	Ms. A. S. Hepsi Ajibah	XXXXXXX87E	M.E/M.Tech	Anna University	Medical Image Processing	02/11/2022	2.4	Assistant Professor	Assistant Professor		Regular	Yes		
21	Ms. A. Kavitha	XXXXXXX71A	M.E/M.Tech	Anna University	Planetory Image Processing	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		
22	Ms. R. Utthirakumari	XXXXXXX08F	M.E/M.Tech	Anna University	Machine Learning	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		
23	Ms. R. Shoba	XXXXXXX92N	M.E/M.Tech	Anna University	Deep Learning	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		
24	Ms.Abinaya K Samy	XXXXXXX87P	M.E/M.Tech	SRM University	CSE	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		
25	Mr. A. AbdhurRahman	XXXXXXX03N	M.E/M.Tech	Anna University	Anna University	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		
26	Mr. J. Manikandan	XXXXXXX59A	M.E/M.Tech	Pondicherry University	Deep Learning	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		
27	Ms. M. Nandhini	XXXXXXX91Q	M.E/M.Tech	Anna University	Cloud computing	07/09/2023	1.6	Assistant Professor	Assistant Professor		Regular	Yes		
28	Ms. G. Supraja	XXXXXXX25N	M.E/M.Tech	Anna university	CSE	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		
29	Ms. V. P. Anitha	XXXXXXX83D	M.E/M.Tech	SRM University	Natural Language Processing	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		
30	Ms. E. Elakkiya	XXXXXXX65P	M.E/M.Tech	Anna university	Machine Learning	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		
31	Ms. G. Sathyadevi	XXXXXXX18Q	M.E/M.Tech	Anna University	Cyber Security	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		
32	Ms. S. Benisha	XXXXXXX81B	M.E/M.Tech	Manomaniam Sundarnar University	Deep Learning	08/07/2024	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
33	Mr. P. Sirenjeevi	XXXXXXX88B	M.E/M.Tech	Bharathidasan University	Network Security	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
34	Mr. K. Ashok Kumar	XXXXXXX00M	M.E/M.Tech	Prist University	Blockchain	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
35	Ms. A. M. Vidhyalakshmi	XXXXXXX55Q	M.E/M.Tech	Sathyabama Institute of Science and Technology	Machine Learning	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
36	Mr. K. Madhan	XXXXXXX23L	M.E/M.Tech	Anna University	Machine Learning	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
37	Ms. K. Sarika	XXXXXXX29H	M.E/M.Tech	Anna University	CSE	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
38	Ms. T. A. Annie	XXXXXXX52R	M.E/M.Tech	Anna University	Deep Learning	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
39	Ms. S. Gopikha	XXXXXXX84H	M.E/M.Tech	Anna University	Artificial Intelligence	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
40	Ms. I. DomilinShyni	XXXXXXX21G	M.E/M.Tech	Karunya Deemed University	Artificial Intelligence	20/01/2025	0.1	Assistant Professor	Assistant Professor		Regular	Yes		No
41	Dr. V. Muthu Lakshmi	XXXXXXX02E	ME/M. Tech and PhD	Anna University	Web Services	15/11/1995	28.6	Lecturer	Professor	01/07/2022	Regular	No	31/05/2024	No
42	Ms. I. Kalaivani	XXXXXXX49L	M.E/M.Tech	Anna University	Deep Learning	01/06/2022	2	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
43	Dr. C. HeltinGenitha	XXXXXXX62N	ME/M. Tech and PhD	Anna University	Satellite Image Processing	01/06/2005	19.9	Lecturer	Professor	01/07/2022	Regular	Yes		Yes
44	Dr. Lilly Raamesh	XXXXXXX66D	ME/M. Tech and PhD	Anna University	Software Engineering	25/05/1998	25	Lecturer	Professor	19/11/2013	Regular	No	31/05/2023	No
45	Dr. L. Sherly Pushpa Annabel	XXXXXXX28M	ME/M. Tech and PhD	Anna University	Wireless Sensor Networks	07/06/2006	16.11	Lecturer	Professor	01/06/2017	Regular	No	31/05/2023	No

46	Dr. D. Logeshwari	XXXXXXX82B	ME/M. Tech and PhD	Anna University	Speech Processing	26/05/1999	24	Lecturer	Associate Professor	01/02/2010	Regular	No	31/05/2023	No
47	Dr. P. Thilagavathi	XXXXXXX94H	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
48	Dr. R. Deepa	XXXXXXX19C	ME/M. Tech and PhD	Sathyabama Institute of Science and Technology	Natural Language Processing	02/06/2008	16	Lecturer	Assistant Professor		Regular	No	31/05/2024	No
49	Dr. K. Priyadharshini	XXXXXXX61Q	ME/M. Tech and PhD	Sathyabama Institute of Science and Technology	Natural Language Processing	24/08/2009	14.9	Lecturer	Assistant Professor		Regular	No	31/05/2024	No
50	Ms. S. Ancy	XXXXXXX36D	M.E/M.Tech	Anna University	Big data Analytics	06/08/2012	10.9	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No
51	Mr. N. Raja Mohamed	XXXXXXX08M	M.E/M.Tech	Anna University	Deep Learning	01/08/2013	9.10	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No
52	Ms. S. Anitha	XXXXXXX45E	M.E/M.Tech	Anna University	Wireless Sensor Networks	23/07/2014	8.10	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No
53	Ms. M. Poornima	XXXXXXX78E	M.E/M.Tech	Anna University	Deep Learning	02/08/2017	5.9	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No

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

Sr.No	Name of the Faculty	PAN No.	APAAR faculty ID*(if any)	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr. A.Chandrasekar	XXXXXXX49C	NA	ME/M. Tech and PhD	Anna university	NETWORK SECURITY	27/05/2002	22.10	Assistant Professor	Professor	01/06/2010	Regular	Yes		No
2	Dr. B. Parvathavarthini	XXXXXXX17F	NA	ME/M. Tech and PhD	Anna University	Computer Networks	07/11/1994	30.4	Assistant Professor	Professor	29/02/2008	Regular	Yes		No
3	Dr.B.Diwan	XXXXXXX16R	NA	ME/M. Tech and PhD	Anna university	Manet	01/09/2005	19.6	Assistant Professor	Professor	01/06/2022	Regular	Yes		No
4	Dr. B. Uma Maheswari	XXXXXXX55H	NA	ME/M. Tech and PhD	ANNA UNIVERSITY	Machine Learning, Artificial Intelligence,	27/05/2002	22.9	Assistant Professor	Professor	01/07/2023	Regular	Yes		No
5	Dr.J.T.Anita Rose	XXXXXXX29Q	NA	ME/M. Tech and PhD	MANONMANIYAM SUNDARANAR UNIVERSITY	MANET	01/06/2005	19.9	Assistant Professor	Professor	01/06/2024	Regular	Yes		No
6	Dr.R.Hemalatha	XXXXXXX37B	NA	ME/M. Tech and PhD	ANNA UNIVERSITY	Mobile Adhoc Network, Machine learning, Image Processing, Data Science, IOT	01/08/2005	19.7	Assistant Professor	Professor	01/07/2024	Regular	Yes		No
7	Dr. C.Pandeeswaran	XXXXXXX02N	NA	ME/M. Tech and PhD	ANNA UNIVERSITY	Machine Learning , IoT, H/W and S/W Integration	26/06/2007	17.8	Assistant Professor	Associate Professor	01/06/2022	Regular	Yes		No
8	Dr. G. Brindha	XXXXXXX05B	NA	ME/M. Tech and PhD	SATHYABAMA UNIVERSITY	Digital encryption, image processing , IOT	09/02/2007	18.1	Assistant Professor	Associate Professor	01/06/2022	Regular	Yes		No
9	Dr. E. Ahila Devi	XXXXXXX79K	NA	ME/M. Tech and PhD	ANNA UNIVERSITY	mobile adhoc network, IOT	02/06/2008	16.9	Assistant Professor	Associate Professor	01/06/2022	Regular	Yes		No
10	Dr.R.Ranjith	XXXXXXX91F	NA	ME/M. Tech and PhD	ANNA UNIVERSITY	Analysis, machine Learning	23/07/2014	10.7	Assistant Professor	Associate Professor	11/07/2024	Regular	Yes		No
11	Dr.S.Vinu	XXXXXXX17K	NA	ME/M. Tech and PhD	Anna University	Blockchain in IOT	24/07/2014	10.8	Assistant Professor	Associate Professor	18/10/2024	Regular	Yes		No
12	Dr.S.Janani	XXXXXXX28R	NA	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
13	Dr. N. Angel	XXXXXXX94K	NA	ME/M. Tech and PhD	MANONMANIYAM SUNDARANAR UNIVERSITY	Mobile Adhoc Network, Machine learning, Image Processing, Data Science, IOT	01/06/2005	19	Assistant Professor	Associate Professor	01/06/2017	Regular	No	31/05/2024	No

14	Ms.M.Shalini	XXXXXXX79P	NA	M.E/M.Tech	SATHYABAMA UNIVERSITY	Machine Learning, Big data, Image Processing	01/04/2011	13.11	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Ms.S.Shanthini	XXXXXXX88A	NA	M.E/M.Tech	ANNA UNIVERSITY	Machine Learning , Big Data	13/06/2012	12.9	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Ms.K.Sudha	XXXXXXX62D	NA	M.E/M.Tech	ANNA UNIVERSITY	Cyber security	01/06/2007	17.9	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Mr. K. Rajaganesh	XXXXXXX29G	NA	M.E/M.Tech	ANNA UNIVERSITY	Computer Networks	01/02/2010	15.1	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Ms. D Saranya	XXXXXXX96A	NA	M.E/M.Tech	ANNA UNIVERSITY	Artificial Intelligence, Machine learning, Data science	11/07/2022	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Ms. S Raghavi	XXXXXXX25M	NA	M.E/M.Tech	ANNA UNIVERSITY	Machine Learning, Big data, Image Processing	11/07/2022	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Ms. K R Raghi	XXXXXXX51A	NA	M.E/M.Tech	ANNA UNIVERSITY	Deep learning, Artificial intelligence	11/07/2022	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Ms. T Jenitha	XXXXXXX56J	NA	M.E/M.Tech	ANNA UNIVERSITY	C Programming	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Ms P Jayabharathi	XXXXXXX19F	NA	M.E/M.Tech	ANNA UNIVERSITY	Artificial Intelligence,Image processing	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		
23	Ms L Reeba Rose	XXXXXXX98Q	NA	M.E/M.Tech	ANNA UNIVERSITY	Artificial intelligence, Deep Learning, Data Science	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		
24	Ms. M R Archana Jenis	XXXXXXX94F	NA	M.E/M.Tech	ANNA UNIVERSITY	Artificial Intelligence, Machine Learning	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		
25	Ms S Lakshmi	XXXXXXX33C	NA	M.E/M.Tech	ANNA UNIVERSITY	Network security, Artificial Intelligence	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		
26	Mr K Rajkumar	XXXXXXX02P	NA	M.E/M.Tech	ANNA UNIVERSITY	Machine Learning, Cyber Security	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		
27	Mr. S. Niresh Kumar	XXXXXXX59P	NA	M.E/M.Tech	ANNA INOVERSITY	Machine learning, Speech recognition	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		
28	Dr. R. Pugalenthi	XXXXXXX37R	NA	ME/M. Tech and PhD	Anna University	CSE	01/06/2002	22.7	Assistant Professor	Professor	01/06/2022	Regular	No	09/01/2025	No
29	Mr. S. Thalapathy	XXXXXXX48M	NA	M.E/M.Tech	ANNA IUNIVERSITY	Computer Networks	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		
30	Dr R Ramya	XXXXXXX88D	NA	ME/M. Tech and PhD	SATHYABAMA UNIVERSITY	CSE	08/07/2024	0.8	Associate Professor	Associate Professor	08/07/2024	Regular	Yes		No
31	Ms. A. Nithya	XXXXXXX59K	NA	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
32	Dr. R. Baghia Laxmi	XXXXXXX19R	NA	ME/M. Tech and PhD	Annamalai University	CSE	08/07/2024	0.8	Associate Professor	Associate Professor	08/07/2024	Regular	Yes		No
33	Ms. R. M. Shiny	XXXXXXX98J	NA	M.E/M.Tech	ANNA UNIVERSITY	Deep Learning	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
34	Ms. S. Manochithra	XXXXXXX76M	NA	M.E/M.Tech	ANNA UNIVERSITY	Cyber security	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
35	Mr. R. Alexander	XXXXXXX11F	NA	M.E/M.Tech	ANNA UNIVERSITY	IOT Security, FOG Computing, ML, DL, Fedrated Learning	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
36	Ms. L. Steffina Morin	XXXXXXX47G	NA	M.E/M.Tech	ANNA UNIVERSITY	Cloud Computing, Cyber Security, Python, IOT	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
37	Mr P Naveen	XXXXXXX85D	NA	M.E/M.Tech	Anna University	Machine Learning Big data Image Processing	01/06/2022	1.10	Assistant Professor	Assistant Professor		Regular	No	30/04/2024	No
38	Mr.K.Swaminathan	XXXXXXX09F	NA	M.E/M.Tech	ANNA UNIVERSITY	Python, Cloud Computing	28/08/2024	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No

39	Ms. P Kumari Deepika	XXXXXXX72D	NA	M.E/M.Tech	Anna University	CSE	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		
40	Ms.S.ANANTHI	XXXXXXX74M	NA	M.E/M.Tech	Anna University	CSE	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		
41	Ms.D Deepa	XXXXXXX98D	NA	M.E/M.Tech	Anna University	Deep Learning	01/06/2022	0.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	
42	Mr.R.Sathishkumar	XXXXXXX14C	NA	M.E/M.Tech	Anna University	CSE	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		
43	Ms. V Sathya	XXXXXXX05K	NA	M.E/M.Tech	Anna university	CSE	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		
44	Ms.R Jayasri	XXXXXXX16N	NA	M.E/M.Tech	Anna University	CSE	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		
45	Dr.A.S.Nisha	XXXXXXX49N	NA	ME/M. Tech and PhD	Anna University	CSE	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		
46	Mr. D. Senthil Kumar	XXXXXXX70D	NA	M.E/M.Tech	Anna University	CSE	16/08/2023	1.7	Assistant Professor	Assistant Professor		Regular	Yes		
47	Mr. V. Durairaji	XXXXXXX82C	NA	M.E/M.Tech	Anna University	Applied Electronics	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		
48	Ms.B. SIVA SHANKARI	XXXXXXX99P	NA	M.E/M.Tech	Anna University	CSE	10/10/2023	1.5	Assistant Professor	Assistant Professor		Regular	Yes		
49	Ms. R. Dharani	XXXXXXX42A	NA	M.E/M.Tech	Anna University	CSE	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		
50	Ms.M.NITHYA	XXXXXXX13M	NA	M.E/M.Tech	Anna university	CSE	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		
51	Mr.B.Blessed Sam	XXXXXXX00K	NA	M.E/M.Tech	ANNA UNIVERSITY	Machine Learning, Big data, Image Processing	28/08/2024	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
52	Ms. E. Aswini	XXXXXXX64Q	NA	M.E/M.Tech	Anna University	CSE	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		
53	Ms K Narmatha	XXXXXXX79Q	NA	M.E/M.Tech	ANNA UNIVERSITY	C Programming	02/01/2023	2.2	Assistant Professor	Assistant Professor		Regular	Yes		No
54	Ms.C. Abinaya	XXXXXXX48A	NA	M.E/M.Tech	Anna University	Big data Analytics	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		
55	Mr. A. VIJAY	XXXXXXX28N	NA	M.E/M.Tech	Anna University	CSE	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		
56	Ms.J. Kaviarasi	XXXXXXX32M	NA	M.E/M.Tech	Anna University	CSE	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		
57	Dr. Sherly Puspha Annabel L	XXXXXXX28M	NA	ME/M. Tech and PhD	Anna University	Wireless Sensor Networks	01/06/2023	1.9	Professor	Professor		Regular	Yes		
58	Dr. V. Muthu Lakshmi	XXXXXXX02E	NA	ME/M. Tech and PhD	ANNA UNIVERSITY	Web services	01/06/2024	0.9	Professor	Professor		Regular	Yes		Yes
59	Dr Kotteeswaran R	XXXXXXX08N	NA	Ph.D	Anna University	CONTROL SYSTEMS	01/06/2022	2.9	Professor	Professor		Regular	Yes		
60	Dr Meena S	XXXXXXX94C	NA	Ph.D	Sathyabama University	Embedded Systems	01/06/2024	0.9	Associate Professor	Associate Professor		Regular	Yes		No
61	Dr Senthil Kumar B	XXXXXXX60H	NA	Ph.D	Anna University	CONTROL SYSTEMS	01/06/2024	0.9	Associate Professor	Associate Professor		Regular	Yes		No
62	Ms. G. Meera devi	XXXXXXX17M	NA	M.E/M.Tech	SATHYABAMA UNIVERSITY	Computer Networks	01/06/2021	3.9	Assistant Professor	Assistant Professor		Regular	Yes		No
63	Ms. P. Uma Maheshwari	XXXXXXX65K	NA	M.E/M.Tech	ANNA UNIVERSITY	Deep learning Artificial Intelligence, Image processing	28/08/2024	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
64	Mrs. R P SHYNI VINSE	XXXXXXX89Q	NA	M.E/M.Tech	ANNA UNIVERSITY	Cloud Computing, Cyber Security, Python, IOT	20/01/2025	0.1	Assistant Professor	Assistant Professor		Regular	Yes		No
65	Mrs. L. Sowmiya	XXXXXXX34F	NA	M.E/M.Tech	ANNA UNIVERSITY	Artificial Intelligence, Image processing	20/01/2025	0.1	Assistant Professor	Assistant Professor		Regular	Yes		No

66	MS. W S JENIF D SOUZA	XXXXXXX61Q	NA	M.E/M.Tech	ANNA UNIVERSITY	Cyber security	01/06/2017	7	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
67	Dr.G.Maria Kalavathy	XXXXXXX18F	NA	ME/M. Tech and PhD	SATHYABAMA UNIVERSITY	Service Oriented Architecture	26/05/1999	25.2	Assistant Professor	Professor	09/07/2011	Regular	No	06/08/2024	No
68	Dr.J.Jean Justus	XXXXXXX28A	NA	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
69	Dr. D. Rosy Salomi Victoria	XXXXXXX86M	NA	ME/M. Tech and PhD	ANNA UNIVERSITY	Wireless Networks	18/12/2000	23.5	Assistant Professor	Associate Professor	01/02/2010	Regular	No	31/05/2024	No
70	Dr.P.N.Jeipratha	XXXXXXX82Q	NA	ME/M. Tech and PhD	ANNA UNIVERSITY	Deep Learning	24/08/2009	14.9	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
71	Ms. S. Sathyavathi	XXXXXXX71B	NA	M.E/M.Tech	ANNA UNIVERSITY	Data Structures, Networks	01/06/2022	2	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
72	Ms. R. Dolly Jinu	XXXXXXX81P	NA	M.E/M.Tech	ANNA UNIVERSITY	Internet of Things	07/08/2023	0.9	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
73	Ms. J.Jeyshri	XXXXXXX65C	NA	M.E/M.Tech	ANNA UNIVERSITY	Data Structures, Networks	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
74	Dr.F Sangeetha Francelin Vinnarasi	XXXXXXX07L	NA	ME/M. Tech and PhD	MANONMANIYAM SUNDARANAR UNIVERSITY	Adhoc Networks	01/06/2005	18	Assistant Professor	Associate Professor	01/06/2011	Regular	No	31/05/2023	No
75	Dr.Jesline	XXXXXXX74E	NA	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
76	Dr.A.Sheryl Oliver	XXXXXXX92B	NA	ME/M. Tech and PhD	VIT UNIVERSITY	Machine Learning	11/08/2011	11.9	Assistant Professor	Associate Professor	01/06/2012	Regular	No	31/05/2023	No
77	Dr K Palani Thanaraj	XXXXXXX23P	NA	ME/M. Tech and PhD	Sathyabama Institute of Science and Technology	Machine Learning	13/06/2012	10.11	Assistant Professor	Associate Professor		Regular	No	31/05/2023	No
78	Dr.J.Ramya	XXXXXXX31K	NA	ME/M. Tech and PhD	JNTU University	Machine Learning	16/01/2004	20.7	Assistant Professor	Professor	01/06/2023	Regular	No	31/08/2024	No
79	Dr.P.Varun	XXXXXXX80H	NA	ME/M. Tech and PhD	Sathyabama Institute of Science and Technology	IoT & Block Chain	14/07/2014	9.1	Assistant Professor	Assistant Professor		Regular	No	31/08/2023	No
80	Dr.G.Murugesan	XXXXXXX02Q	NA	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
81	Dr.S.Jothi	XXXXXXX95H	NA	ME/M. Tech and PhD	ANNA UNIVERSITY	Wireless Networks	01/06/2005	18	Assistant Professor	Professor	01/06/2022	Regular	No	31/05/2023	No
82	Ms.D Deepa	XXXXXXX98D	NA	M.E/M.Tech	ANNA UNIVERSITY	Deep Learning	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
83	Ms Deepa K	XXXXXXX68K	NA	M.E/M.Tech	Anna University	IOT, Aritifical Intelligence	01/06/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
84	Dr. Suthanthiradevi P	XXXXXXX21N	NA	M.Tech and Ph.D	Anna University	CSE	01/06/2022	0.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No
85	Ms Thilakavathy P	XXXXXXX49C	NA	M.E/M.Tech	Anna University	CSE	01/06/2022	0.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No
86	Dr. Lilly Raamesh	XXXXXXX66D	NA	ME/M. Tech and PhD	Anna University	Machine Learning, Aritifical Intelligence	01/06/2023	1.9	Professor	Professor		Regular	Yes		No
87	Dr. Ancy S	XXXXXXX36D	NA	ME/M. Tech and PhD	Annamalai University	Machine Learning, Aritifical Intelligence	01/06/2023	1.9	Assistant Professor	Associate Professor	01/07/2024	Regular	Yes		No
88	Mr. Raja Mohamed N	XXXXXXX08M	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
89	Dr. Anitha S	XXXXXXX45E	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
90	Ms. Poornima M	XXXXXXX78E	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

91	Ms. Priyadharshini SP	XXXXXXX56F	NA	M.E/M.Tech	Anna University	Aritifical Intelligence	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
92	Ms. Kiruba Wesley	XXXXXXX74B	NA	M.E/M.Tech	Anna University	Machine Learning, Aritifical Intelligence,Deep Learning	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
93	Ms. Bhuvaneswari. K	XXXXXXX77D	NA	M.E/M.Tech	Crescent University	IOT, Machine Learning, Aritifical Intelligence	10/07/2024	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
94	Ms. Thiraviaselvi G	XXXXXXX69N	NA	M.E/M.Tech	Anna University	Deep learning, ML	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
95	Ms. Abinaya. A	XXXXXXX13P	NA	M.E/M.Tech	Anna University	Machine Learning , AI	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
96	Ms. Meena kumari Bugatha. N	XXXXXXX12J	NA	M.E/M.Tech	Anna University	Machine Learning, Aritifical Intelligence,Deep Learning	05/08/2024	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
97	Ms. Umayal. AR	XXXXXXX59H	NA	M.E/M.Tech	Anna University	Machine Learning, Aritifical Intelligence,Deep Learning	01/06/2023	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
98	Ms. C. Quba Jaslin	XXXXXXX03G	NA	M.E/M.Tech	Anna University	Medical Image processing,Artificial Intelligence	18/09/2024	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
99	Mr. Nirmalkumar V	XXXXXXX69D	NA	M.E/M.Tech	Anna University	Machine Learning, dbms	29/01/2025	0.1	Assistant Professor	Assistant Professor		Regular	Yes		No
100	Dr.M P Rajakumar	XXXXXXX50G	NA	ME/M. Tech and PhD	Sathyabama University	Soft Computing	01/06/2005	19.9	Assistant Professor	Professor	01/06/2022	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	243	184	188
UG1.C	184	188	182
UG1.D	188	182	180
UG1: Information Technology	**615**	**554**	**550**
UG2.B	181	185	62
UG2.C	185	62	0
UG2.D	62	0	0
UG2: Artificial Intelligence and Data Science	**428**	**247**	**62**
UG3.B	0	0	0
UG3.C	0	0	0
UG3.D	0	0	0
UG3: Computer Science and Engineering (Cyber Security)	**0**	**0**	**0**

Description	CAY(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
UG4.B	121	122	65
UG4.C	122	65	0
UG4.D	65	0	0
UG4: Artificial Intelligence and Machine Learning	**308**	**187**	**65**
UG5.B	246	192	189
UG5.C	192	189	190
UG5.D	189	190	185
UG5: Computer Science and Engineering	**627**	**571**	**564**
DS=Total no. of students in all UG and PG programs in the Department	615	554	550
AS=Total no. of students of all UG and PG programs in allied departments	1399	1041	727
S=Total no. of students in the Department (DS) and allied departments (AS)	**S1=** 2014	**S2=** 1595	**S3=** 1277
DF=Total no. of faculty members in the Department	40	35	34
AF= Total no. of faculty members in the allied Departments	75	62	46
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	**F1=** 115	**F2=** 97	**F3=** 80
FF=The faculty members in F who have a 100% teaching load in the first-year courses	0	0	0
Student Faculty Ratio (SFR)=S/(F-FF)	**SFR1= 17.51**	**SFR2= 16.44**	**SFR3= 15.96**
Average SFR for 3 years	**SFR= 16.64**		

C3. Faculty Qualification

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

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = 2.5 x [(10X + 4Y) / RF)]
2024-25(CAY)	31	84	100.00	16.15
2023-24(CAYm1)	31	66	79.00	18.16
2022-23(CAYm2)	35	45	63.00	21.03

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = 1/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents:.
- RF2= No. of Associate Professors required = 2/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:.
- RF3= No. of Assistant Professors required = 6/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:.
- Faculty cadre and qualification and experience should be as per AICTE/UGC norms.

Table No.C4.1: Faculty cadre proportion details.

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2024-25	11.00	16.00	22.00	15.00	67.00	84.00
2023-24	8.00	15.00	17.00	13.00	53.00	69.00
2022-23	7.00	14.00	14.00	20.00	42.00	46.00
Average	RF1=8.67	AF1=15.00	RF2=17.67	AF2=16.00	RF2=54.00	AF2=66.33

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	M.PARTHIBAN	TECHNICAL DIRECTOR	SYASANS CAREER ANALYTICS	INDUSTRIAL PRACTICES WITH DEVOPS	55.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	RAMSUNDAR SURESH	MANAGING DIRECTOR	HEBSEC TECHNOLOGIES	BLOCK CHAIN AND CRYPTOCURRENCIES	55.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	JEROME MELKISIDAK	CHIEF EXECUTIVE OFFICER	STIGMATA TECHNO SOLUTIONS	FULL STACK DEVELOPMENT	54.00

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	19	24	8
2	No. of peer reviewed conference papers published	24	29	12
3	No. of books/book chapters published	0	2	2

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
Ms. A. Kavitha	Ms. T. R. Swetha, Ms. S. Swetha	Science and Technology	Tamilnadu's digital renaissance: Government scheme notifications and smart fund disbursement as catalysts for empowerment	Tamil Nadu State Council for Science and Technology	2023-2024 (1 year)	0.08
Dr. S. Sumathi	Mr. K. Naveen Krishna	Government of Tamilnadu	Hapsole	MSME	2023-2024	7.50
Dr. V. Muthulakshmi	Divyashri D, Dharshini M, Farhan Akthar K, Sanjai Duresh D	Tamilnadu Skill Development Corporation	Digital Twin of a Smart City	Tamilnadu State Government.	2023-2024	0.10
Dr. S. Sumathi		Cohere Labs	Cohere for AI Research	Cohere	2023-2024	2.13
Dr. V. Muthulakshmi		Educational Initiative by Paypal and ICT Academy	Women Empowerment Program on advanced IT Skills	Paypal and ICT academy	2023-2024	0.20
						Amount received (Rs.):10.01

(CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Ms. K. Deepa	Ms. Jane Ann Elson Ms. N. Dharshini	Science and Technology	Deep Learning based cyclone Intensity Estimation using INSAT-3D IR imagery	Tamil Nadu State Council for Science and Technology	2022-2023	0.08
Dr. V. Muthulakshmi		AQIS, Center for SC/ST	Skill and Personality Development Programme Center	AICTE	2018-2023	8.45
						Amount received (Rs.):8.53

(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
Ms. S. Ancy	R.G. Kapila, S. Aarthi	Science and Technology	IOT based Flood Detection System	Tamil Nadu State Council for Science and Technology	2021-2022 (1 year)	0.08
Dr. V. Muthulakshmi		Automation CSR Initiative	Centre for Excellence	Honeywell	2021-2022 (1 year)	0.98
						Amount received (Rs.):1.06

Total Amount (Lacs) Received for the Past 3 Years: 19.60

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. Kripa Sekaran	Ms. Ancy. Ms. Anitha S	Web Development	Website development for Revlon Chemical Industries	Revlon Chemical Industries	3 months	0.25
Dr. Sumathi S	Dr. Suthanthira Devi P	Automation	Wireless Indoor Automated Plant Watering	MM Microtech	3 months	0.20
Dr. Muthu Lakshmi V		Machine Learning	Chart Automation Project Development	STIGMATA Techno solutions	3 months	0.25
Divya J	Lathaselvi G	Web development	Web Design	Black Bulls	2 months	0.12
Janani M		Block chain	Designing Website and platform for Dappfoundery	Dappfoundery Academy	2 months	0.11
Dr. Sumathi S		Machine learning	Machine Learning- Web Content Creation	Integra Software Services Pvt Ltd	1 month	0.03
Dr.C.Heltin Genitha		Civil Construction	Construction data Analytics	GREEN SPACE PROMOTOR PVT LMT	2 months	0.23
Dr.S Sumathi		Machine learning	AI Chatbot for Green Interiors Consultation	Green Interiors	2 months	0.20
Janani M		Machine learning	AI Chatbot for Green Interiors Consultation	Green Interiors	2 months	0.20
Dr. A TamizhSelvi	Mr.Dinesh kumar, Mrs.Ganasoundharam Mrs.Nivetitha	Embedded Systems / Image Processing	Inefficient External Dithering Process for Image Files in Qt C++ Laser	RETECH SOLUTIONS	3 months	1.15
Ms.Kavitha A	Dr.R.Elavarasan, Ms.Shoba	Data Integration	ETL Solution Ipaas With CDI and CAI	Mobinius Technologies	2 months	0.21
Ms.Kavitha A		Enterprise Application Integration (EAI)	SAP Integration Module with Informatica (BAP/RFC,IDOC-Module MILK Process-phrase	TriconInfortech	4 months	1.43
Ms.Kavitha A	Ms.G.LathaSelvi	Data Governance	Information Data Management Process -B2B Data Exchange in Process Epsilon Trevor-phrase-1	Jireh Software Solutions, Mobile Application Development	3 months	0.49
						Amount received (Rs.):4.87

(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.J.Divya		Web design	Website building	DAT Foundations general contracting LLC OPC	3months	0.23
Mrs.P.M.Sinthuja	Mrs.A.S.hepsi Ajibah Mrs.R.Utthirakumaari	Internet of Things (IoT) / Smart Technology	Designing and Implementing IoT solutions for Modern Living	INNOMOX TEC	4 Months	0.61
Mrs.M.Janani		Financial Technology (FinTech) / Accounting Automation	Automated System for Invoicing	Duiqo	3 months	0.20
Mr.D.Dinesh Kumar	Dr.R.Elavarasan	Computer Graphics / Software Development	Incomplete and Inaccurate Rendering of SVG files in Qt C++ Application	RETECH SOLUTIONS	6 months	0.25
Nivethitha Devi M	Dinesh Kumar D Dr.Elavarasan R Gnanasoundharam J Dr. SherlyPuspha Annabel L Lathaselvi G	Internet of Things	IOT Implementation in plot bot fpr Monitoring system by SIM347	Retech Solution Pvt Ltd	12 months	0.60
						Amount received (Rs.):1.89

(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. Muthu Lakshmi V		DevOps Tools Integration	JRIA plug-in Developement	STIGMATA Techno solutions	3 months	0.25
						Amount received (Rs.):0.25

Total amount (Lacs) received for the past 3 years: 7.01

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
Mrs. J Divya	AI in Student Performance Prediction	2 months	0.17	0.17	Model developed and tested on sample data
Dr. C Heltin Genitha	Doctoral Research (Seed Project Phase 2)	12 months	2.00	2.00	Enhanced two-stream Bayesian hyper parameter optimized 3d-CNN inception-v3 based drop-convlstm2d deep learning model for human action recognition
			Amount received (Rs.): 2.17		

(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. V Muthulakshmi	e-Content Development for One Core Subject	3 months	0.10	0.10	System implemented
Dr. C. Heltin Genitha	Doctoral Research (Seed Project Phase 1)	12 months	3.00	3.00	Deep convolutional neural networks with Bee Collecting Pollen Algorithm (BCPA)-based landslide data balancing and spatial prediction
			Amount received (Rs.): 3.10		

(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.C.Heltin Genitha	Doctoral Research (Seed Project Initial Phase)	8 months	3.00	3.00	Enhanced segmentation of inflamed ROI to improve the accuracy of identifying benign and malignant cases in breast thermogram
			Amount received (Rs.): 3.00		

Total amount (Lacs) received for the past 3 years : 8.27

PART D: Laboratory Infrastructure in the Department

(Data to be filled in for the Department)

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

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

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Programming Algorithms Compiler Education Lab	66	Intel i5 Computers Server Switches Laser Printer	9 hours Per We	Mr.P.Andiyappan	Programmer	B.Sc
2	Interactive Computing Lab	66	Intel i5 Computers Server Switches Laser Printer	9 hours Per We	Mr.S.Rajesh	Programmer	B.Sc
3	Application Development Lab	66	Intel i5 Computers Server Switches Laser Printer	9 hours Per We	Mr.Kalayana Raman	Programmer	B.C.A
4	Software Engineering Lab	66	Intel i5 Computers Server Switches Laser Printer	9 hours Per We	Mr.S.Periyasamy	Programmer	M.E

5	Project Lab	30	Intel i5 Computers Server Switches Laser Printer	Throughout the	Mr.P.Andiyappan	Programmer	B.Sc
6	Cyber Security Lab	66	Intel i9 Computers-(12) Intel i5 Computers-(48) Server Switches Laser Printer	9 hours Per We	Mr.A.Premkumar	Programmer	M.E

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Programming Algorithms Compiler Education Lab	• Fire Extinguisher, First aid kit • Eatables are not permitted inside the laboratory • 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. • Touching the power sockets when a computer is ON is avoided • Periodic back up of all important data files are maintained • UPS: 30KVA for uninterrupted Power Supply
2	Interactive Computing Lab	• Fire Extinguisher, First aid kit • Eatables are not permitted inside the laboratory • 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. Touching the power sockets when a computer is ON is avoided • Periodic back up of all important data files are maintained • UPS: 30KVA for uninterrupted Power Supply
3	Application Development Lab	• Fire Extinguisher, First aid kit • Eatables are not permitted inside the laboratory • 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. • Touching the power sockets when a computer is ON is avoided • Periodic back up of all important data files are maintained • UPS: 30KVA for uninterrupted Power Supply
4	Software Engineering Lab	• 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. Touching the power sockets when a computer is ON is avoided • Periodic back up of all important data files are maintained • UPS: 30KVA for uninterrupted Power Supply
5	Project Lab	• Fire Extinguisher, First aid kit • Eatables are not permitted inside the laboratory • 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. • Touching the power sockets when a computer is ON is avoided • Periodic back up of all important data files are maintained • UPS: 30KVA for uninterrupted Power Supply
6	Cyber Security Lab	• Fire Extinguisher, First aid kit • Eatables are not permitted inside the laboratory • 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. Touching the power sockets when a computer is ON is avoided • Periodic back up of all important data files are maintained • UPS: 30KVA for uninterrupted Power Supply

D3. Project Laboratory/Research Laboratory

In department, Project Laboratory/Research Laboratory /Centre of Excellence are being utilized for carrying out innovative Product Development, short term and end semester projects by students of all semesters. Project Laboratory/Research Laboratory /Centre of Excellence enables UG students to obtain hands on experience to realize their project ideas as executable projects which is a part of eighth semester curriculum. The facilities of this Lab and its Outcomes are listed below.

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

PLACEMENT EMPOWERMENT PROGRAM LABS

Sr.No	Name of the Laboratory	Facility available in lab for project	Outcome		PO,PSO Mapping
			No.of Projects	No.of Publications	
1	Artificial Intelligence and Machine Learning Lab	**Programming environments:** Python, R, MATLAB **AI/ML libraries:** TensorFlow, Keras, PyTorch, Scikit-learn **Data analytics tools:** Tableau, Power BI	UG-15	Publications-5	PO1,PO2,PO3,PO5,PSO1
2	Full Stack	**Front-end tools**: HTML, CSS, JavaScript,Frameworks: React.js, Angular, Vue.jsUI/UX tools: Figma, Adobe XD **Back-end tools**:Node.js, Django, Flask, Spring BootLanguages: JavaScript, Python, Java, PHPRESTful API creation and testing tools: Postman, Swagger	UG-6	Publications-2	PO1,PO3,PO5,PO8,PO9,PSO1
3	RPA	**Popular RPA tools installed** such as: UiPath (Community/Enterprise Edition)Power Automate (Microsoft)OpenRPA or Robocorp (for open-source learning) **Development tools**: Visual Studio Code (for Python-based bots)UiPath Studio / StudioX (for building RPA workflows)	UG-5	Publications-1	PO1,PO3,PO5,PO10,PSO1
4	UI/UX	**Design & Prototyping Tools**: Figma (widely used, cloud-based)Adobe XD Sketch (for macOS)InVision Canva (for quick wireframes or mockups)	UG-8	Publications-3	PO3,PO5,PO9,PSO1
5	Metaverse	**Game Engines** 3D Modeling & Design Tools XR Development SDKs	UG-4	Publications-1	PO1 ,PO3,PO5,PSO3

6	Robotics	Mechanical Workshop Tools **Electronic Components**: Microcontrollers (Arduino, Raspberry Pi, STM32, ESP32)Sensors: IR, ultrasonic, LIDAR, cameras, gyroscopes, IMUsActuators: Servo motors, stepper motors, DC motors	UG-1	Publications-1	PO1 ,PO3,PO5,PSO3

PLACEMENT EMPOWERMENT PROGRAM LABS

AI & ML LAB

UI/UX LAB

FULL STACK LAB

RPA LAB

METAVERSE LAB

ROBOTICS LAB

PROJECT LAB

S.NO:	Name of the Lab	Facility available in Lab for Project		Outcome
		Facility Name	Qty	Paper Presentations/Project works/Patent works/Seminar/Conference

1.	**Project lab**	Computers Ubuntu, Anaconda Distribution, Jupyter, Python 3.x,Julia,R and RStudio,Visual Studio Code, Cuda and CuDNN Machine Learning Frameworks: SKLearn, Turi Create, Deep Learning Frameworks: Tensorflow, Pytorch, NS2 Software, MAT LAB Software, Hadoop, AWS,R Tools, Tabeulea, Cloudsim	30	66

Project Laboratory Outcomes

PUBLICATION

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

S.no	Academic Year	Paper Count
1	2023-2024	21
2	2022-2023	26
3	2022-2021	13

(2023-2024)

Sl.No	Name	Title of the paper	Title of journal/Conf, year, Volume & page numbers)	Journal/Conference		
1	**Muthulakshmi, V**. and Hemapriya, N	CNN-based Dermoscopic Analysis of Vascular Skin Lesions in the Prognosis of Skin Lesion Sarcoma Based on Ensemble Learning	Intelligent & Fuzzy Systems, https://doi.org/10.3233/JIFS-230426, Print ISSN 1064-1246, E ISSN 1875-8967, Vol. 45, No. 6, pp.1-20, December 2023.	**Journal**		PO1,PO
2	J. Aruna Jasmine and **C. Heltin Genitha,**	Deep convolutional neural networks with Bee Collecting Pollen Algorithm (BCPA)-based landslide data balancing and spatial prediction	Journal of Intelligent & Fuzzy Systems, Print ISSN 1064-1246, E ISSN 1875-8967, DOI: 10.3233/JIFS-234924, Vol. 46, No. 1, pp. 597-617, 2024.	**Journal**		PO1,PO
3	Vijay K, Prithi Samuel, Brahmadesam Viswanathan Krishna, **Manikandan J**	Exploration of sentiment analysis in twitter propaganda: a deep dive	Multimedia Tools and Applications, Publisher: Springer, https://doi.org/10.1007/s11042-023-17383-6, Print ISSN: 13807501, E ISSN: 15737721, Oct 2023.	**Journal**		PO1,PO
4	S. Selvakanmani, P. Rajeswari B.V. Krishna **J. Manikandan**	Optimizing E-waste management: Deep learning classifiers for effective planning.	Elsevier Ltd Publisher: Journal of Cleaner Production, https://doi.org/10.1016/j.jclepro.2024.141021 (https://doi.org/10.1016/j.jclepro.2024.141021), ISSN: 09596526, 18791786, 2024.	**Journal**		PO1,PO
5	Kumaar, M. Akshay; **S. Duraimurugan,** Rajinikanth, Venkatesan; Raj Vincent P M, Durai; Kadry, Seifedine	Brain Tumor Classification Using a Pre-Trained Auxiliary Classifying Style-Based Generative Adversarial Network	International Journal of Interactive Multimedia and Artificial Intelligence (IJIMAI), https://doi.org/10.9781/ijimai.2023.02.008 (https://doi.org/10.9781/ijimai.2023.02.008), ISSN1989-1660, Feb 9 2023.	**Journal**		PO1,PO
6	**Divya J,** Chandrasekar A	DRGNN - Dilated Recurrent Graph Neural Network Framework Incorporating Spatial and Temporal Features Signifying Social Relationships in IOT Network Based Traffic Prediction	Neural Network World, DOI:10.14311/NNW.2023.33.026, Issue 6, p481, ISSN 1210-0552, 2023.	**Journal**		PO1,PO

7	A. Jeyanthi J. Visumathi **C. Heltin Genitha**	Enhanced Two-Stream Bayesian Hyper Parameter Optimized 3D-CNN Inception-v3 Based Drop-ConvLSTM2D Deep Learning model for Human Action Recognition	Information Technology and Control, DOI: https://doi.org/10.5755/j01.itc.53.1.32625, Print ISSN: 1392-124X, E ISSN: 2335-884X Vol. 53, No. 1, April 2024.	**Journal**		PO1,PO
8	**C. Heltin Genitha,** **S. Abishek Danny,** **S. Hepsi Ajibah,** **S. Aravint and** A. Angeline Valentina Sweety	AI based Real-Time Traffic Signal Control System using Machine Learning	2023 4th International Conference on Electronics and Sustainable Communication Systems (ICESC), Coimbatore, India, doi: 10.1109/ICESC57686.2023.10193319, E ISBN:979-8-3503-0009-3, Print ISBN: 979-8-3503-0010-9, pp. 1613-1618, Aug 2023	**Conference**		PO1,PO
9	**J. Divya,** **P. Divyasindhu,** L. Joan Reshmi	Flight Delay Prediction using GANN - An Improved Artificial Neural Network Model Integrating Genetic Algorithm	2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), Chennai, India, 2023, doi: 10.1109/ACCAI58221.2023.10200001, Electronic ISBN:979-8-3503-1590-5, Print ISBN: 979-8-3503-1591-2, pp. 1-10, 2023	**Conference**		PO1,PO
10	M. Santhiya, M. Sindhuja, R. Jegatha **J. Manikandan**	An Effective Automated Framework for Oral Cancer Detection by Enhanced Convolutional Neural Networks	12th International Conference on Advanced Computing (ICoAC), Publisher: IEEE, E ISBN: 979-8-3503-1821-0, Print ISBN:979-8-3503-1822-7, doi: 10.1109/ICoAC59537.2023.10249983, pp. 1-7, Chennai, India, Oct 2023	**Conference**		PO1,PO
11	G. Sudha (https://ieeexplore.ieee.org/author/37089410285), M. Birunda (https://ieeexplore.ieee.org/author/37089413177), **J. Gnanasoundharam** (https://ieeexplore.ieee.org/author/37085833383)**,** J. Alphas Jeba Singh (https://ieeexplore.ieee.org/author/37089831137)	Deep Learning System in Curvelet Domain for Skin Cancer Diagnosis	2023 4th International Conference on Electronics and Sustainable Communication Systems (ICESC) (https://ieeexplore.ieee.org/xpl/conhome/10192573/proceeding), Publisher: IEEE, E ISBN: 979-8-3503-0009-3, Print ISBN: 979-8-3503-0010-9, pp. 1573-1577, doi: 10.1109/ICESC57686.2023.10193507, Coimbatore, India, Aug 2023.	**Conference**		PO1,PO
12	**P. Thilagavathi** (https://ieeexplore.ieee.org/author/37088514110) J. Martin Leo Manickam (https://ieeexplore.ieee.org/author/37823976200)	Circumcenter Based Mobile Beacon Aided Localization in Wireless Sensor Networks	2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023, pp. 1107-1111, doi:10.1109/ICPCSN58827.2023.00187, June 2023	**Conference**		PO1,PO
13	**C. Heltin Genitha,** I. Kalaivani, **S. Hepsi Ajibah,** **S. Jalagandeswaran** **K. Balamurugan**	Automated Framework for the Tuberculosis Detection and Classification in X-Ray Images Using Deep Learning Algorithm	2023 International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS), pp. 215-220, doi: 10.1109/ICSSAS57918.2023.10331715, Publisher: IEEE, E ISBN:979-8-3503-0085-7, Print ISBN:979-8-3503-0086-4, Erode, India, 2023.	**Conference**		PO1,PO

14	T S. Rajesh, **A. Tamizhselvi,** H. Patil, V. Mittal, S. Kaliappan and R. Maranan,	Improved Email Spam Detection Using Integrated Approach of BiGRU-A-LSTM Approach	2023 International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS), pp. 1-6, doi: 10.1109/ICSSAS57918.2023.10331890, Publisher: IEEE, E ISBN:979-8-3503-0085-7, Print ISBN:979-8-3503-0086-4, Erode, India, 2023	**Conference**		PO1,PO
15	**S. Sumathi,** N. Nivetha and J. Princy Jovita	Artificially Intelligent Operating System with Sapi5 Voice Recognition Engine	2023 9th International Conference on Smart Computing and Communications (ICSCC), Kochi, Kerala, India, 2023, pp. 477-481, doi: 10.1109/ICSCC59169.2023.10334967, Electronic ISBN:979-8-3503-1409-0, Print ISBN:979-8-3503-1410-6, 06 December 2023	**Conference**		PO1,PO
16	Krishna, B.V (https://www.scopus.com/authid/detail.uri?authorId=44961428200), Devi, G.D (https://www.scopus.com/authid/detail.uri?authorId=57816388200), Sumathy,V (https://www.scopus.com/authid/detail.uri?authorId=57212708697), **Manikandan, J.** (https://www.scopus.com/authid/detail.uri?authorId=57210765037)	An Improved Music genre classification using Convolutional Neural Network and Spectrograms	2023 International Conference on System, Computation, Automation and Networking (ICSCAN), PUDUCHERRY, India, 2023, pp. 1-6, doi: 10.1109/ICSCAN58655.2023.10395616, 26 January 2024	**Conference**		PO1,PO
17	Adolphine Shyni, S. (https://www.scopus.com/authid/detail.uri?authorId=58886655900), Sugunedham, S.K. (https://www.scopus.com/authid/detail.uri?authorId=58886589800), Rajeswari, M. (https://www.scopus.com/authid/detail.uri?authorId=57218711503), Anandhi, S. (https://www.scopus.com/authid/detail.uri?authorId=58886781500), **Manikandan, J** (https://www.scopus.com/authid/detail.uri?authorId=57210765037)	Fruits and Pest Diseases Detection using Deep Learning-Based Approach	2023 International Conference on System, Computation, Automation and Networking (ICSCAN), PUDUCHERRY, India, 2023, pp. 1-5, doi: 10.1109/ICSCAN58655.2023.10395005. 26 January 2024	**Conference**		PO1,PO
18	Sakthi, U., Thangaraj, K., **Tamizhselvi, A.,** Kirubakaran, M.K.	Deep Convolutional Neural Network Framework for Brain Tumor Classification using MRI Images	2nd International Conference on Automation, Computing and Renewable Systems, ICACRS 2023 - Proceedings, 2023.	**Conference**		PO1,PO
19	Voleti Padmaja **A Tamizhselvi** I. Kathir Arvind Mohan Subharun Pal Ravi Rastogi	Prediction and Electricity Forecasting on the Individual Household Level based on PSO-LSSVM Approach	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings	**Conference**		PO1,PO
20	**P. Balaji** (https://ieeexplore.ieee.org/author/37089865350)**,** **S. Akash Selvin** (https://ieeexplore.ieee.org/author/37090092898) **R. Shoba** **G. Lathaselvi**	Facial Pain Detection Using Deep Learning	2023 International. Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES), pp. 1-7, doi: 10.1109/ICSES60034.2023.10465512, E ISBN:979-8-3503-1920-0, Print ISBN:979-8-3503-1921-7, December 2023	**Conference**		PO1,PO
21	Sai Sharvesh, R. (https://www.scopus.com/authid/detail.uri?authorId=58871220500), Suresh Kumar, K. (https://www.scopus.com/authid/detail.uri?authorId=58871220600), Kumar, **D.D** (https://www.scopus.com/authid/detail.uri?authorId=37080352300)**inesh Kumar,** Sabthagiri, P. (https://www.scopus.com/authid/detail.uri?authorId=58990508800)	Course recommendation system using Python and Streamlit	2023 6th International Conference on Recent Trends in Advance Computing, ICRTAC, pp. 548-552, E ISBN:979-8-3503-9470-2, Print ISBN: 979-8-3503-9471-9, doi: 10.1109/ICRTAC59277.2023.10480866, Chennai, India, 2023.	**Conference**		PO1,PO

(2022-2023)

Sl.No	**Name**	**Title of the paper**	**Title of journal/Conf, year, Volume & page numbers)**	**Journal/Conference**	

1	**Lilly Raamesh**, S. Jothi and S. Radhika	Test case minimization and prioritization for regression testing using SBLA-based adaboost convolutional neural network	The Journal of Supercomputing, Publisher: Springer, Print ISSN: 0920-8542, E ISSN: 1573-0484, https://doi.org/10.1007/s11227-022-04540-1 (https://doi.org/10.1007/s11227-022-04540-1), pp.1-25. June 2022 (Q2).	**Journal**		PO1,PO
2	**Lilly Raamesh**, S. Jothi and S. Radhika	Enhancing Software Reliability and Fault Detection Using Hybrid Brainstorm Optimization-Based LSTM Model	IETE Journal of Research, Publisher: Taylor and Francis, Print ISSN: 0377-2063, E ISSN: 0974-780X, https://doi.org/10.1080/03772063.2022.2069603 (https://doi.org/10.1080/03772063.2022.2069603), pp.1-15, June 2022.	**Journal**		PO1,PO
3	**M. Anbu**	Improved mayfly optimization deep stacked sparse auto encoder feature selection scorched gradient descent driven dropout XLM learning framework for software defect prediction.	Concurrency and Computation: Practice and Experience, Publisher: Wiley, E ISSN: 1532-0634, p.e7240, Aug 2022.	**Journal**		PO1,PO
4	**Lilly Raamesh,** S. Radhika S. Jothi	A cost-effective test case selection and prioritization using hybrid battle royale-based remora optimization.	Neural Computing and Applications, pp.1-13, https://doi.org/10.1007/s00521-022-07627-1, pp. 1-13, Publisher: Springer, E ISSN: 1433-3058, Print ISSN: 0941-0643, Sep 2022.	**Journal**		PO1,PO
5	C. P. Jetlin, **L. Sherly Pushpa Annabel**,	Brain Tumor MRI analysis using Deep Convolution Neural Network with Optimization Framework	International Journal of Intelligent Systems and Applications in Engineering, Vol. 10, No. 3, pp. 52–56, ISSN: 2147-679921, Sep 2022.	**Journal**		PO1,PO
6	**P. Thilakavathy** B. Diwan	Intelligent quotient estimation from MRI images using optimal light gradient boosting machine.	The Journal of Supercomputing, Publisher: Springer, Print ISSN: 0920-8542, E ISSN: 1573-0484, https://doi.org/10.1007/s11227-022-04711-0 (https://doi.org/10.1007/s11227-022-04711-0), pp.1-20, Aug 2022.	**Journal**		PO1,PO
7	**Lilly Ramesh,** S. Radhika S. Jothi,	Hybrid support vector machine and K nearest neighbor based software testing for educational assistant	Concurrency and Computation: Practice and Experience, Publisher: Wiley, E ISSN: 1532-0634, Vol. 35, No. 1, https://doi.org/10.1002/cpe.7433, Jan 2023.	**Journal**		PO1,PO
8	**P. Suthanthira Devi,** S. Karthika	RDNN: Rumor Detection Neural Network for Veracity Analysis in Social Media Text	KSII Transactions on Internet and Information Systems, doi.10.3837/tiis.2022.12.00, E ISSN: 1976-7277, Vol. 16, No. 12, pp. 3868-3888, Dec 2022.	**Journal**		PO1,PO
9	**V. Muthulakshmi,** F.H. Shajin, J. Dhiviya Rose, P. Rajesh,	Generative Adversarial Networks Classifier Optimized with Water Strider Algorithm for Fake Tweets Detection	IETE Journal of Research, https://doi.org/10.1080/03772063.2023.2172466, Publisher: Taylor and Francis, Print ISSN: 0377-2063, E ISSN: 0974-780X, pp.1-16, Mar 2023.	**Journal**		PO1,PO
10	**S. Duraimurugan,** R. Jayabharathi, **G. Manikandan,**	An efficient congestion control in multimedia streaming using adaptive BRR and fuzzy butterfly optimization	Transactions on Emerging Telecommunications Technologies, https://doi.org/10.1002/ett.4707, Publisher: Wiley, Print ISSN: 2161-3915, E ISSN: 2161-3915, Vol. 34, No. 3, p.e4707, Mar 2023.	**Journal**		PO1,PO

11	V. Nirmala, S. Leninisha, **C. Heltin Genitha,** S. Kumar	Automated Breast Boundary Segmentation to Improve the Accuracy of Identifying Abnormalities in Breast Thermograms	IETE Journal of Research, Publisher: Taylor and Francis, Print ISSN: 0377-2063, E ISSN: 0974-780X, https://doi.org/10.1080/03772063.2023.2194277 (https://doi.org/10.1080/03772063.2023.2194277), pp.1-10, Mar 2023.	**Journal**		PO1,PO
12	A. Helen Victoria (https://link.springer.com/article/10.1007/s00500-023-08464-7#auth-A__Helen-Victoria), N. Manikanda Devarajan (https://link.springer.com/article/10.1007/s00500-023-08464-7#auth-N__Manikanda-Devarajan), R. Saravanakumar (https://link.springer.com/article/10.1007/s00500-023-08464-7#auth-R_-Saravanakumar), **Kripa Sekaran**, Charanjeet Singh, Vemuri Suneetha	Spectral efficiency enhancement by hybrid pre-coding technique for reconfigurable intelligent surfaces-based massive MIMO systems under variable CSI	Soft Computing (https://link.springer.com/journal/500), Publisher: Springer, E ISSN: 1433-7479, Print ISSN: 1433-7479, https://doi.org/10.1007/s00500-023-08464-7 (https://doi.org/10.1007/s00500-023-08464-7), May 2023.	**Journal**		PO1,PO
13	K. K. Satheesh, **M. Janani**, S. Venkateswarlu, R. G. Kumar, A. Gupta B. Kotaiah,	AI and Machine Learning Enabled Software Defined Networks	In Data Engineering and Intelligent Computing, Publisher: Springer, Print ISBN: 978-981-19-1558-1, pp. 131-144, https://doi.org/10.1007/978-981-19-1559-8_14, July 2022.	**Journal**		PO1,PO
14	**K. Priyadharshini**, P.D. Sawant, M. Khadir, S. Majji, A.S. Chouhan M. Dash	Convolution Neural Network (CNN) Based Deep Q-Learning to Maximise the Returns from Stock Market	In Data Engineering and Intelligent Computing, Lecture Notes in Networks and Systems (https://link.springer.com/bookseries/15179) book series, Publisher: Springer, Print ISBN: 978-981-19-1558-1, https://doi.org/10.1007/978-981-19-1559-8_16, pp. 157-166, July 2022.	**Conference**		PO1,PO
15	**C. Heltin Genitha,** **P. Rajaji,** **S. Rahul,**	Detection of Lane and Speed Breaker Warning System for Autonomous Vehicles using Machine Learning Algorithm	2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, Publisher: IEEE, Print ISBN:978-1-6654-1006-9, 10.1109/ICICICT54557.2022.9917716, pp. 401-406, 2022.	**Conference**		PO1,PO
16	**S. Sumathi,** (https://www.scopus.com/authid/detail.uri?authorId=57827282800) D. Vijila, (https://www.scopus.com/authid/detail.uri?authorId=57957632900) M. Shastika	Air xylophone Using OpenCV	2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022, Publisher: IEEE, E ISBN:978-1-6654-7413-9, Print ISBN:978-1-6654-7414-6, doi: 10.1109/ICSES55317.2022.9914191., pp. 1-6, ICSES 2022.	**Conference**		PO1,PO
17	**A. Tamizhselvi,** (https://www.scopus.com/authid/detail.uri?authorId=57956282300)**M. Anbu,** (https://www.scopus.com/authid/detail.uri?authorId=57196118160) **K. R. Radhakrishnan,** (https://www.scopus.com/authid/detail.uri?authorId=57352314200)	Financial and Individual Future Expense Prediction Based on Frequent Patterns Using Micro Services	2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022, Publisher: IEEE, E ISBN:978-1-6654-1005-2, Print ISBN:978-1-6654-1006-9, doi: 10.1109/ICICICT54557.2022.9917982, pp. 532–536, 2022.	**Conference**		PO1,PO
18	**K.R. Radhakrishnan,** T.Kohilakanagalakshmi Salini Suresh, V. Suneetha, Ruchi Nanda	Text and multimedia mining through machine learning	IoT and AI Technologies for Sustainable Living: A Practical Handbook, eBook ISBN: 9781003051022, 1 st Edition, Publisher: Taylor and Francis Group, Oct 2022	**Conference**		PO1,PO

19	D. Satheeswari, S. Leninisha, N. M. Jothi, **V. Nirmala**	Mask R-CNN based Object Detection in Overhead Transmission Line from UAV Images	Third International Conference on Image Processing and Capsule Networks (https://link.springer.com/book/10.1007/978-3-031-12413-6), Lecture Notes in Networks and Systems (https://link.springer.com/bookseries/15179), Publisher: Springer, Print ISBN: 978-3-031-12412-9, Online ISBN: 978-3-031-12413-6, https://doi.org/10.1007/978-3-031-12413-6_50, pp 639–653 (https://doi.org/10.1007/978-3-031-12413-6_50%C2%A0pp%20639%E2%80%93653), July 2022.	**Conference**		PO1,PO
20	**K. R. Harini** (https://link.springer.com/chapter/10.1007/978-981-16-8739-6_45#auth-K__R_-Harini) **D. Vijayaraghavan** (https://link.springer.com/chapter/10.1007/978-981-16-8739-6_45#auth-D_-Vijayaraghavan)**,** **S. Sushmidha** (https://link.springer.com/chapter/10.1007/978-981-16-8739-6_45#auth-S_-Sushmidha)**,** Vithya Ganesan (https://link.springer.com/chapter/10.1007/978-981-16-8739-6_45#auth-Vithya-Ganesan) Pachipala Yellamma (https://link.springer.com/chapter/10.1007/978-981-16-8739-6_45#auth-Pachipala-Yellamma)	Hybrid of Array-Based and Improved Playfair Cipher for Data Security	Biologically Inspired Techniques in Many Criteria Decision Making (https://link.springer.com/book/10.1007/978-981-16-8739-6), Publisher: Springer, Print ISBN: 978-981-16-8738-9, E ISBN: 978-981-16-8739-6, https://doi.org/10.1007/978-981-16-8739-6_45 (https://doi.org/10.1007/978-981-16-8739-6_45), pp 517–526, June 2022.	**Conference**		PO1,PO
21	B. Surendiran, K.Dhanasekaran and **A. Tamizhselvi**	A Study on Quantum Machine Learning for Accurate and Efficient Weather Prediction	2022 Sixth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), Publisher: IEEE, E ISBN: 978-1-6654-6941-8, Print ISBN: 978-1-6654-6942-5, doi: 10.1109/I-SMAC55078.2022.9987293, pp. 534-537, Nepal, 2022.	**Conference**		PO1,PO
22	L. Sherly Puspha Annabel, G. Ramanan, R. Prakash, S. Sreenidhi	Machine Learning-Based Approach for Airfare Forecasting	Proceedings of International Conference on Data Science and Applications, Lecture Notes in Networks and Systems, https://doi.org/10.1007/978-981-19-6634-7_65, Publisher: Springer, Print ISBN: 978-981-19-6633-0, Online ISBN: 978-981-19-6634-7, Mar 2023.	**Conference**		PO1,PO
23	A. G. Devi, A. Thota, G. Nithya, S. Majji, A. Gopatoti, **D. Logeshwari**	Advancement of Digital Image Steganography using Deep Convolutional Neural Networks	2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), Bengaluru, India, Publisher: IEEE, E ISBN:978-1-6654-5687-6, Print ISBN: 978-1-6654-5688-3, pp. 250-254, doi: 10.1109/IIHC55949.2022.10060230, 2022.	**Conference**		PO1,PO
24	N. Tyagi, D. Logeshwari, M. S. A. Ansari, B. Pant, D. K. J. B. Saini J. A. Dhanraj,	Skin Cancer Prediction using Machine Learning and Neural Networks	2022 5th International Conference on Contemporary Computing and Informatics (IC3I), Uttar Pradesh, India, Publisher: IEEE, E ISBN:979-8-3503-9826-7, Print ISBN:979-8-3503-9827-4, pp. 271-275, doi: 10.1109/IC3I56241.2022.10073141, 2022.	**Conference**		PO1,PO
25	M. Lourens, A. Tamizhselvi, B. Goswami, J. Alanya-Beltran, M. Aarif D. Gangodkar,	Database Management Difficulties in the Internet of Things	2022 5th International Conference on Contemporary Computing and Informatics (IC3I), Uttar Pradesh, India, Publisher: IEEE, E ISBN: 979-8-3503-9826-7, Print ISBN:979-8-3503-9827-4, pp. 322-326, doi: 10.1109/IC3I56241.2022.10072614, 2022.	**Conference**		PO1,PO

26	**V. Varsha,** **R. Shree Kriti,** **Kripa Sekaran**	Water Potability Prediction on Crops Considering pH, Chloramine, and Lead Content Using Support Vector Machine	International Conference on Data Analytics and Management, Publisher: Springer, Lecture Notes in Networks and Systems, https://doi.org/10.1007/978-981-19-7615-5_50, Print ISBN: 978-981-19-7614-8, E ISBN978-981-19-7615-5, Vol. 572, pp. 609–620, 2022.	**Conference**		PO1,PO

(2022-2021)

Sl.No	Name	Title of the paper	Title of journal/Conf, year, Volume & page numbers)	Journal/Conference		
1	**J. Divya**, A. Chandrasekar	Intelligent Traffic Management Support System Unfolding the Machine Vision Technology Deployed using YOLO D-NET	International Journal of Intelligent Engineering and Systems, Vol.14, No.5, DOI: 10.22266/ijies2021.1031.03, Publisher: Intelligent Systems and Network Security, ISSN: 2185-3118, Sep 2021 (Q3).	**Journal**		PO1,PO
2	**V. Muthulakshmi**, L. Priya, V. Vani, S. Ramesh,	Cardiac disease diagnosis using feature extraction and machine learning based classification with Internet of Things (IoT)	Concurrency Computation: Practice and Experience, DOI: 10.1002/cpe.6622, pp-1-11, Publisher: Wiley, E ISSN:1532-0634, Print ISSN: 1532-0626, Oct 2021 (Q2).	**Journal**		PO1,PO
3	S. KanagaSuba Raja, **C. J. Raman**, S. UshaKiruthika	A Novel Fraud Detection Scheme for Credit Card Usage Employing Random Forest Algorithm Combined with Feedback Mechanism	Journal of Information Technology Management, DOI: 10.22059/JITM.2021.80615, Vol. 13, pp. 21-35 Publisher: University of Tehran, E ISSN:2423-5059, Print ISSN: 2008-5893, 2021 (Q4).	**Journal**		PO1,PO
4	**Arockia Praveen**, Abdulfattah Noorwali, S. **Duraimurugan** Mohammad Zubair Khan, Durai Raj Vincent P M, Ali Kashif Bashir A. **Vinoth**	ResMem-Net: memory based deep CNN for image memorability estimation	Peer J Computer Science, DOI 10.7717/peerj-cs.767, ISSN:23765992, Nov 2021 (Q1).	**Journal**		PO1,PO
5	**M. Akshay Kumaar,** **S. Duraimurugan** P. M. Durai Raj Vincent, S. Kathiravan, Chuan-Yu Chang G. Harish	Hybrid Framework for Intrusion Detection in Healthcare Systems Using Deep Learning	Frontiers in Public Health, Vol. 9, https://doi.org/10.3389/fpubh.2021.824898, Publisher: Frontiers Media SA, E ISSN: 2296-2565, Jan 2022 (Q1).	**Journal**		PO1,PO
6	**J. Thresa Jeniffer** A. Chandrasekar	Optimal Hybrid Heat Transfer Search and Grey Wolf Optimization based Homomorphic Encryption Model to Assure Security in Cloud-based IoT Environment	Peer-to-Peer Networking and Applications, doi:https://doi.org/10.1007/s12083-021-01263-7, Vol. 15, pp. 703–723, (Publisher: Springer, E ISSN: 1936-6450, Print ISSN: 1936-6442), Jan 2022.	**Journal**		PO1,PO
7	**V. Muthulakshmi** (https://www.worldscientific.com/doi/epdf/10.1142/S0218488522400025) R. Radhika (https://www.worldscientific.com/doi/epdf/10.1142/S0218488522400025) G. Kalpana (https://www.worldscientific.com/doi/epdf/10.1142/S0218488522400025)	Radial Restricted Boltzmann Machines with Functional Neural Network for Classification of the Fake and Real News Analysis	International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems (https://www.worldscientific.com/worldscinet/ijufks), Publisher: World Scientific Publishing, Print ISSN: 0218-4885,E ISSN: 1793-6411, https://doi.org/10.1142/S0218488522400025 (https://doi.org/10.1142/S0218488522400025), Vol. 30, No. Supp01, 2022.	**Journal**		PO1,PO
8	**L. Sherly Puspha Annabel,** S. Sreenidhi, N. Vishali	A Novel Diagnosis System for Parkinson's Disease Using K-means Clustering and Decision Tree	In: Communication and Intelligent Systems. https://doi.org/10.1007/978-981-16-1089-9_48, Vol. 204, pp. 607-615, Publisher: Springer, Singapore, Print ISBN: 978-981-16-1088-2, Online ISBN: 978-981-16-1089-9, June 2021.	**Journal**		PO1,PO

9	P. Ravichandran (https://ieeexplore.ieee.org/author/37089197136), C. Saravanakumar (https://ieeexplore.ieee.org/author/37085456596), J. Dafni Rose (https://ieeexplore.ieee.org/author/37089197695), M. Vijayakumar (https://ieeexplore.ieee.org/author/37089195935), **V. Muthulakshmi** (https://ieeexplore.ieee.org/author/37089267291)	Efficient Multilevel Federated Compressed Reinforcement Learning of Smart Homes Using Deep Learning Methods	2021 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES) (https://ieeexplore.ieee.org/xpl/conhome/9633340/proceeding), DOI: 10.1109/ICSES52305.2021.9633785 (https://doi.org/10.1109/ICSES52305.2021.9633785), Publisher: IEEE ISBN:978-1-6654-3521-5, Print ISBN:978-1-6654-3522-2, pp. 1-11, Dec 2021.	**Conference**		PO1,PO
10	M. Karthi (https://ieeexplore.ieee.org/author/37085547400), **V Muthulakshmi** (https://ieeexplore.ieee.org/author/37089196442)**,** R Priscilla (https://ieeexplore.ieee.org/author/37089197043), P Praveen (https://ieeexplore.ieee.org/author/37089194981), K Vanisri (https://ieeexplore.ieee.org/author/37089196665)	Evolution of YOLO-V5 Algorithm for Object Detection: Automated Detection of Library Books and Performance validation of Dataset	2021 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES) (https://ieeexplore.ieee.org/xpl/conhome/9633340/proceeding), DOI: 10.1109/ICSES52305.2021.9633834 (https://doi.org/10.1109/ICSES52305.2021.9633834), Publisher: IEEE, E ISBN:978-1-6654-3521-5, Dec 2021.	**Conference**		PO1,PO
11	R. Jaichandran, S. JaganSyed Khasim **D. Logeshwari** V. Mathiazhagan Dilip Kumar Bagal	Crime Visualization using a Novel GIS-Based Framework	2021 International Conference on Computational Intelligence and Computing Applications (ICCICA) (https://ieeexplore.ieee.org/xpl/conhome/9697106/proceeding), DOI: 10.1109/ICCICA52458.2021.9697127 (https://doi.org/10.1109/ICCICA52458.2021.9697127), E ISBN: 978-1-6654-2040-2, Print ISBN: 978-1-6654-2041-9, Feb 2022.	**Conference**		PO1,PO
12	S. Kanaga Suba Raja (https://ieeexplore.ieee.org/author/37089292372), V. Balaji (https://ieeexplore.ieee.org/author/37089288015), S. Usha Kiruthika (https://ieeexplore.ieee.org/author/37089291457), **C.J. Raman** (https://ieeexplore.ieee.org/author/37086533791)	An IoT-Based System for Supporting Children with Autism Spectrum Disorder	2021 Innovations in Power and Advanced Computing Technologies (i-PACT) (https://ieeexplore.ieee.org/xpl/conhome/9696358/proceeding), DOI: 10.1109/i-PACT52855.2021.9696959 (https://doi.org/10.1109/i-PACT52855.2021.9696959), Publisher: IEEE, E ISBN:978-1-6654-2691-6, Print ISBN:978-1-6654-2692-3, pp. 1-5, Feb 2022.	**Conference**		PO1,PO
13	P. Poovizhi D. Jebakumarm, Immanuel K. Subramani **D. Logeshwari** R. Dhanapal	M-Learning First Word Android Application to support Autistic Children with their Education	IEEE Second International Conference on Artificial Intelligence and Smart Energy (ICAIS), pp. 411-417, doi:10.1109/ICAIS53314.2022.9742808, (Publisher: IEEE, Electronic ISBN: 978-1-6654-0052-7, Print ISBN: 978-1-6654-0053-4, April 2022.	**Conferen**ce		PO1,P

IMAGE PROCESSING

S.no	Academic Year	Paper Count
1	2023-2024	4
2	2022-2023	3
3	2022-2021	0

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Sl.No	Name	Title of the paper	Title of journal/Conf, year, Volume & page numbers)	Journal/Conference	
1	Kumaar, M. Akshay; **S. Duraimurugan,** Rajinikanth, Venkatesan; Raj Vincent P M, Durai; Kadry, Seifedine	Brain Tumor Classification Using a Pre-Trained Auxiliary Classifying Style-Based Generative Adversarial Network	International Journal of Interactive Multimedia and Artificial Intelligence (IJIMAI), https://doi.org/10.9781/ijimai.2023.02.008 (https://doi.org/10.9781/ijimai.2023.02.008), ISSN1989-1660, Feb 9 2023.	**Journal**	PO1,PO

2	**Manikandan J** Jayashree K	Enhancing Lung Nodule Classification: A Novel CViEBi-CBGWO Approach with Integrated Image Preprocessing	Journal of Imaging Informatics in Medicine https://doi.org/10.1007/s10278-024-01074-1 (https://doi.org/10.1007/s10278-024-01074-1), 2024.	**Journal**		PO1,PO
3	R. Sharmila, S. Agalya, **A.S. Hepsi Ajibah**	Figuring (https://ieeexplore.ieee.org/document/10537489/) Out (https://ieeexplore.ieee.org/document/10537489/) Interstellar (https://ieeexplore.ieee.org/document/10537489/) Objects (https://ieeexplore.ieee.org/document/10537489/) Using (https://ieeexplore.ieee.org/document/10537489/) Memory (https://ieeexplore.ieee.org/document/10537489/) Based (https://ieeexplore.ieee.org/document/10537489/) Learning (https://ieeexplore.ieee.org/document/10537489/) Approaches (https://ieeexplore.ieee.org/document/10537489/)	2024 2nd International Conference on Networking and Communications (ICNWC), pp. 1-5, doi: 10.1109/ICNWC60771.2024.10537489, Electronic ISBN: 979-8-3503-6526-9, Print ISBN:979-8-3503-6527-6, Chennai, India, 2024.	**Conference**		PO1,PO
4	A. Angeline Valentina Sweety, A. Maria Delphiya, S. Rejoline Vincima, N. Kavya, J. M. Jeresha and **C. Heltin Genitha**	Automatic Segmentation and Extraction of Skin Lesion in Dermoscopic images using Image Processing	2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES), pp. 1-6, E ISBN:979-8-3503-1920-0, Print ISBN:979-8-3503-1921-7, doi: 10.1109/ICSES60034.2023.10465429, Chennai, India, 2023.	**Conference**		PO1,P

(2022-2023)

Sl.No	Name	Title of the paper	Title of journal/Conf, year, Volume & page numbers)	Journal/Conference		
1	**P. Thilakavathy** B. Diwan	An Adaboost Support Vector Machine Based Harris Hawks Optimization Algorithm for Intelligent Quotient Estimation from MRI Images	Neural Processing Letters, Publisher: Springer, E ISSN: 1573-773X, Print ISSN: 1370-4621, https://doi.org/10.1007/s11063-022-10895-6, July 2022.	**Journal**		PO1,PO
2	R. Bala Krishnan, D. Yuvaraj, Varghese, **P. Suthanthira Devi**, S. Chooralil, N. Rajesh Kumar, B. Karthikeyan, G. Manikandan,	An Improved Steganographic Scheme Using the Contour Principle to Ensure the Privacy of Medical Data on Digital Images	Computer Systems Science and Engineering, Publisher: Tech Science Press, Print ISSN:0267-6192, https://doi.org/10.32604/csse.2023.035307 (https://doi.org/10.32604/csse.2023.035307), Vol. 46, No. 2, pp. 1563-1576, Feb 2023.	**Journal**		PO1,PO
3	M. Nivethitha Devi, V. Parimala (https://ieeexplore.ieee.org/author/37089711554), Chirag Vibhakar (https://ieeexplore.ieee.org/author/37397071100), B. Siranthini (https://ieeexplore.ieee.org/author/37089761047), Mallaiah Balaganur (https://ieeexplore.ieee.org/author/37089713431); C.V. Vijay Kumar (https://ieeexplore.ieee.org/author/37089760923),	A Current Control Scheme for a Bi-Directional AC-DC Power Converter with Power Factor Correction by Using FLC for DC Micro Grid	2022 International Conference on Knowledge Engineering and Communication Systems (ICKES), Chickballapur, India, Publisher: Springer, E ISBN:978-1-6654-5637-1, Print ISBN:978-1-6654-5638-8, pp. 1-6, doi: 10.1109/ICKECS56523.2022.10060082, 2022.	**Conference**		PO1,PO

BIG DATA AND CLOUD COMPUTING

S.no	Academic Year	Paper Count
1	2023-2024	2

2	2022-2023	6
3	2022-2021	2

(2023-2024)

Sl.No	Name	Title of the paper	Title of journal/Conf, year, Volume & page numbers)	Journal/Conference	
`	J. A. J. Singh, **J. Gnanasoundharam**, M. Birunda, G. Sudha, S. P. Maniraj and C. Srinivasan	Wearable Sepsis Early Warning Using Cloud Computing and Logistic Regression Predictive Analytics	2024 11th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO), pp. 1-6, doi: 10.1109/ICRITO61523.2024.10522250, E ISSN: 2769-2884, Print ISSN: 2469-875X, Noida, India.	**Conference**	PO1,PO
2	Nishant N **Tamizhselvi A** Amutha M Anand R Rajaram A	Sustainable Cloud Computing Through Green Network Function Virtualisation (NFV)	Journal of Environmental Protection and Ecology, 25(2), pp. 649–658, 2024.	**Journal**	PO1,P

(2022-2023)

Sl.No	Name	Title of the paper	Title of journal/Conf, year, Volume & page numbers)	Journal/Conference	
1	N. Gobalakrishnan, (https://onlinelibrary.wiley.com/action/doSearch?ContribAuthorRaw=Natesan%2C+Gobalakrishnan) L. Javid Ali (https://onlinelibrary.wiley.com/action/doSearch?ContribAuthorRaw=Ali%2C+Javid), K. Pradeep, **C. J. Raman** (https://onlinelibrary.wiley.com/action/doSearch?ContribAuthorRaw=Chidambaram%2C+Raman), N. Manikandan (https://onlinelibrary.wiley.com/action/doSearch?ContribAuthorRaw=Nanjappan%2C+Manikandan),	Optimization Techniques for Task Scheduling Criteria in IaaS Cloud Computing Atmosphere using Nature Inspired Hybrid Spotted Hyena Optimization Algorithm	Concurrency and Computation Practice and Experience, Publisher: Wiley, E ISSN:1532-0634, https://doi.org/10.1002/cpe.7228 (https://doi.org/10.1002/cpe.7228), July 2022.	**Journal**	PO1,PO
2	**J. Thresa Jeniffer** (https://www.tandfonline.com/author/Thresa+Jeniffer%2C+J)**,** A. Chandrasekar (https://www.tandfonline.com/author/Chandrasekar%2C+A) S. Jothi (https://www.tandfonline.com/author/Jothi%2C+S)	Symbiotic Organisms Search Optimization based Faster RCNN for Secure Data Storage in Cloud	IETE Journal of Research, Publisher: Taylor and Francis, Print ISSN: 0377-2063, E ISSN: 0974-780X, https://doi.org/10.1080/03772063.2023.2173670 (https://doi.org/10.1080/03772063.2023.2173670), pp. 1-13, Mar 2023.	**Journal**	PO1,PO
3	S. Anslam Sibi **L. Sherly Puspha Annabel**,	QEnergy and SARSAEnergy Learning for Energy efficient Routing in Wireless Sensor Networks	2022 International Conference on IoT and Blockchain Technology (ICIBT), Publisher: IEEE, E ISBN:978-1-6654-2416-5, Print ISBN:978-1-6654-2417-2, pp. 1-5, doi: 10.1109/ICIBT52874.2022.9807754. June 2022.	**Conference**	PO1,PO
4	V. Pathania, S. Z. D. Babu, S. Ahamad, **P. Thilakavathy**, A. Gupta, M. B. Alazzam D. Pandey	A Database Application of Monitoring COVID-19 in India	In Artificial Intelligence on Medical Data, Lecture Notes in Computational Vision and Biomechanics, Publisher: Springer, Online ISBN: 978-981-19-0151-5, Print ISBN: 978-981-19-0150-8, Vol. 37, https://doi.org/10.1007/978-981-19-0151-5_23 pp. 267-274, July 2023.	**Conference**	PO1,PO

5	S. Z. D. Babu, D. Pandey, G. Taviti Naidu, **S. Sumathi**, A. Gupta, M. B. Alazzam and B. K. Pandey	Analysation of Big Data in Smart Healthcare	Artificial Intelligence on Medical Data, Lecture Notes in Computational Vision and Biomechanics, Publisher: Springer, Online ISBN: 978-981-19-0151-5, Print ISBN: 978-981-19-0150-8, Vol. 37, pp. 243–251, https://doi.org/10.1007/978-981-19-0151-5_21, pp 243–251, July 2022.	**Journal**		PO1,PO
6	K. Harini, (https://www.scopus.com/authid/detail.uri?authorId=57956059100) T.R.G. Babu, (https://www.scopus.com/authid/detail.uri?authorId=57830651000) R. Praveena, (https://www.scopus.com/authid/detail.uri?authorId=56906867000) K.G. Kannan, (https://www.scopus.com/authid/detail.uri?authorId=57955830300) **J. Gnanasoundharam** (https://www.scopus.com/authid/detail.uri?authorId=56644718900)	Design of Compact Folded SIW Hybrid Coupler for Ka Band Application	3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022, Publisher: IEEE, E ISBN:978-1-6654-1005-2, Print ISBN:978-1-6654-1006-9, doi: 10.1109/ICICICT54557.2022.9917689, pp. 1693–1697, 2022.	**Conference**		PO1,PO

(2022-2021)

Sl.No	Name	Title of the paper	Title of journal/Conf, year, Volume & page numbers)	Journal/Conference		
1	K Pradeep, **N Gobalakrishnan,** N. Manikandan, L.Javid Ali, K. Parkavi, K.P Vijayakumar	A Review on Task Scheduling using Optimization Algorithm in Clouds	5th International Conference on Trends in Electronics and Informatics, (https://ieeexplore.ieee.org/xpl/conhome/9452735/proceeding)doi: 10.1109/ICOEI51242.2021.9452837 (https://doi.org/10.1109/ICOEI51242.2021.9452837), Publisher: IEEE, E ISBN:978-1-6654-1571-2, Print ISBN:978-1-6654-4687-7, pp. pp. 935-938, SCAD College of Engineering and Technology, Tirunelveli, Tamil Nadu, India, June 2021	**Conference**		PO1,PO
2	**L. Sherly Puspha Annabel,** **Kripa Sekaran**	Automatic Signal Clearance System using Density Based Traffic Control	5th International Conference on Trends in Electronics and Informatics, (https://ieeexplore.ieee.org/xpl/conhome/9452735/proceeding) DOI: 10.1109/ICOEI51242.2021.9452877, Publisher: IEEE, E ISBN:978-1-6654-1571-2, Print ISBN:978-1-6654-4687-7, pp. pp. 1630-1635, SCAD College of Engineering and Technology, Tirunelveli, Tamil Nadu, India, June 2021	**Conference**		PO1,PO

NETWORKING

S.no	Academic Year	Paper Count
1	2023-2024	6
2	2022-2023	6
3	2022-2021	1

(2023-2024)

Sl.No	Name	Title of the paper	Title of journal/Conf, year, Volume & page numbers)	Journal/Conference	

1	**S. Duraimurugan,** S. Radhika, A. Chandrasekar,	An optimal model for enhancing network lifetime and cluster head selection using hybrid snake whale optimization	Peer-to-Peer Networking and Applications, Publisher: Springer, E ISSN: 1936-6450, Print ISSN: 1936-6442, https://doi.org/10.1007/s12083-023-01487-9, 16, pp. 1959–1974, Vol. 16, No. 4, 2023.	**Journal**		**PO1,PO**
2	**J. Antony Prince,** **D. Jagadhiswaran,** **G. Lathaselvi,** L. Javid Ali	Swarm learning based credit scoring for P2P lending in block chain	Peer-to-Peer Networking and Applications, Publisher: Springer, E ISSN: 1936-6450, Print ISSN: 1936-6442, https://doi.org/10.1007/s12083-023-01526-5, July 2023.	**Journal**		**PO1,PO**
3	S. Mathumohan, **S. Duraimurugan,** G. Manikandan	An Adaptive Energy-Saving Scheme for Green Optical Networking: Combining Flow-Aware Load Adaptive Routing and Flow-Aware Distance Adaptive Routing	Fiber and Integrated Optics, Publisher: Taylor & Francis Online, E ISSN: 10964681, Print ISSN: 01468030, https://doi.org/10.1080/01468030.2023.2268565, pp. 185-217.	**Journal**		**PO1,PO**
4	**J. Divya** A. Chandrasekar	SIoV-FTFSA-CAOA: a fuzzy trust-based approach for enhancing security and energy efficiency in social internet of vehicles	Wireless Networks, Publisher: Springer, E ISSN:1572-8196, Print ISSN: 1022-0038, https://doi.org/10.1007/s11276-023-03626-9 2024.	**Journal**		**PO1,PO**
5	Sathiya D Selvam L Tamizarasu K **Tamizhselvi A**	Assessment Of Tipping Points and Uncertainty Management in Forests due to Anthropogenic Changes Using WSN in Manets	Journal of Environmental Protection and Ecology, 25(2), pp. 565–574, 2024.	**Journal**		**PO1,PO**
6	Swamidoss M, **S Duraimurugan**, Gunasekar M	Next-generation energy-efficient optical networking: DQ-RGK algorithm for dynamic quality of service and adaptive resource allocation	Concurrency and Computation: Practice and Experience, https://doi.org/10.1002/cpe.8070 (https://doi.org/10.1002/cpe.8070).	**Journal**		**PO1,PO**

(2022-2023)

Sl.No	Name	Title of the paper	Title of journal/Conf, year, Volume & page numbers)	Journal/Conference		
1	**Lilly Raamesh**, S. Radhika and S. Jothi	Generating Optimal Test Case Generation Using Shuffled Shepherd Flamingo Search Model	Neural Processing Letters, Publisher: Springer, E ISSN: 1573-773X, Print ISSN: 1370-4621, https://doi.org/10.1007/s11063-022-10867-w, pp.1-21, June 2022.	**Journal**		**PO1,PO**
2	**G. Manikandan,** N. Gobalakrishnan, S. Duraimurugan,	Multi-objective moth swarm based sailfish model for optimal routing in wireless sensor network	Concurrency and Computation Practice and Experience, Publisher: Wiley, E ISSN:1532-0634, https://doi.org/10.1002/cpe.7125, July 2022.	**Journal**		**PO1,PO**
3	**D. Logeshwari** (https://onlinelibrary.wiley.com/action/doSearch?ContribAuthorRaw=Dhavamani%2C+Logeshwari), P. Prem Priya (https://onlinelibrary.wiley.com/action/doSearch?ContribAuthorRaw=Prem+Priya%2C+P)	Energy-efficient and privacy-preserving approach for Internet of Things nodes using a novel hybrid fuzzy water cycle and evaporation strategy and matrix-based Rivest–Shamir–Adleman encryption algorithm	Concurrency and Computation: Practice and Experience, (Publisher: Wiley, E ISSN:1532-0634), p.e7240, https://doi.org/10.1002/cpe.7336 (https://doi.org/10.1002/cpe.7336), Vol. 34, No. 27, Oct 2022.	**Journal**		**PO1,PO**
4	A. Tamizhselvi, J. Liju Anton P. Yoganathan,	Secured data transmission for VANETS using CNN based trust aware clustering	Journal of Intelligent & Fuzzy Systems, Publisher: IOS Press, Print ISSN: 1064-1246, E ISSN: 1875-8967, DOI: 10.3233/JIFS-220460, vol. 43, no. 6, pp. 8073-8087, Nov 2022.	**Journal**		**PO1,PO**

5	C. N. Gnanaprakasam, G. Brindha, J.Gnanasoundharm E.A. Devi,	An efficient MFM-TFWO approach for unit commitment with uncertainty of DGs in electric vehicle parking lots	Journal of Intelligent & Fuzzy Systems, Publisher: IOS Press, Print ISSN: 1064-1246, E ISSN: 1875-8967, DOI: 10.3233/JIFS-220810 vol. 43, no. 6, pp. 7485-7510, Nov 2022.	**Journal**		**PO1,PO**
6	C. N. Gnanaprakasam, S. Meena, M. Nivethitha Devi, N.Shanmugasundaram, S. Sridharan,	Robust energy management technique for plug-in hybrid electric vehicle with traffic condition identification	Applied Soft Computing (https://www.sciencedirect.com/journal/applied-soft-computing), Publisher: Elsevier, Print ISSN: 1568-4946, E ISSN: 1872-9681, https://doi.org/10.1016/j.asoc.2022.109937 (https://doi.org/10.1016/j.asoc.2022.109937), Vol. 33 (https://www.sciencedirect.com/journal/applied-soft-computing/vol/133/suppl/C), Jan 2023.	**Journal**		**PO1,PO**

(2022-2021)

Sl.No	Name	Title of the paper	Title of journal/Conf, year, Volume & page numbers)	Journal/Conference		
1	**Papri Ghosh,** **Ritam Dutta,** **V. Muthulakshmi**	Slime Mold Algorithm Based Hybridized Artificial Neural Network Model for Efficient Automatic Voltage Regulation Control	Journal of Nano and Electronic Physics, doi: 10.21272/jnep.13(3).03038, Vol. 13 No 3, 03038(6pp), Publisher: Sumy State University (Sumy, Ukraine), Print ISSN: 2077-6772, E ISSN: 2306-4277, 2021 (Q3).	**Journal**		**PO1,PO**

BLOCK CHAIN

S.no	Academic Year	Paper Count
1	2023-2024	0
2	2022-2023	0
3	2022-2021	2

(2022-2021)

Sl.No	Name	Title of the paper	Title of journal/Conf, year, Volume & page numbers)	Journal/Conference		
1	**CJ Raman**, S Usha Kiruthika, L Javid Ali, S Kanaga Suba Raja	Blockchain Technology for Privacy and Security Issues and Challenges in IOT-Based Systems (https://books.google.com/books?hl=en&lr=&id=ajZIEAAAQBAJ&oi=fnd&pg=PT180&dq=info:uegY8ubKkm0J:scholar.google.com&ots=Gty6Bg3eyK&sig=RAFEe8hUfpsote8uziznFq5Y0do)	Blockchain for Information Security and Privacy, Publisher: CRC Press, Chapter. 10, 2021. -	**Journal**		**PO**
2	**J. Antony Prince,** **N. Hemapriya,** **V. Muthulakshmi**	Blockchain-Based Electronic Health Record System Enforced by Ensemble Multi-Contract Approach	Book: Assistive T-echnology Intervention in Healthcare (https://www.taylorfrancis.com/books/mono/10.1201/9781003207856/assistive-technology-intervention-healthcare?refId=2af5455d-5a57-4f73-9c01-f4803e2f2907&context=ubx), Publisher: CRC Press, eBook ISBN: 9781003207856, Dec 2021.	**Journal**		**PO**

Centre of Excellence Outcomes

S.N.	Name of the Laboratory	Outcomes
1.	**Honey well : UI –PATH**	• Year:1.11.2021 • Centre of Excellence (COE) under the CSR initiative of Honeywell. • 123 girl students and 1 Faculty were trained in UiPATH • 100 hours of activity based and hands on training. • Placement Assistance • International Certification
2.	**ACADEMIC ALLIANCE RAISING STAR**	• Mongo DB-199 Students Certified • Celonis-120 Students Certified • Oracle-101 Students Certified
3.	**PAYPAL** Cloud - AWS Cloud 9	• Year:25.10.2023 • Establishing a Centre Women Empowerment under the Student Enablement Program a CSR initiative of PayPal India. • 105 girl students and a Faculty were trained for AWS. • Placement Assistance • International Certifications
4.	**SALESFORCE**	• Year: 04.07.2021 • Gain the ability to configure and manage Sales force environments, including users, security, and data. • 50 girl students and 5 Faculty were trained for Sales fundamentals. • Duration :12 Weeks

HACKTHON WINNERS

(2023-2024)

S. No	NameoftheStudent	Name of the event	State/National /International events	Date of Event	Name of the awards if any	
1	NithyaVarshini	SIH Hackathon'23	National	19-20 December2023		Finalist
		KochiHackathon	National	04 February 2024		Runner
2	Neeharika	SIH Hackathon'23	National			Finalist
		KochiHackathon	National	04 February 2024		Runner
3	MariaDaniel	SIH Hackathon'23	National			Finalist
4	Hemachandran	SIH Hackathon'23	National	19-20 December2023		Finalist
5	Kedar	SIH Hackathon'23	National	19-20 December2023		Finalist

6	Viswanathan	SIH Hackathon'23	National	19-20 December2023		Finalist
7	VijayAadhithya	SIH Hackathon'23	National	19-20 December2023		Finalist
8	JoashCherister	SIH Hackathon'23	National	19-20 December 2023		Finalist
		UI/UXDesign	National	17 March 2024		Winner
9	KrisothN	IAHackathon	National	8-9 December 2023		Special Prize 10000
		Hackathon	National	17-18 January 2024		Runner 50000
10	LayaH	IAHackathon	National	8-9 December 2023		Special Prize 10000
		Hackathon	National	17-18 January 2024		Runner 50000
11	LogaVignesh	IAHackathon	National	8-9 December 2023		Runner 50000
12	MuhammadAli	UI/UXDesign	National	17 March 2024		Winner
13	PraveenKR	UI/UXDesign	National	17 March 2024		Winner
14	AnnikaJulian	UI/UXDesign	National	17 March 2024		Winner
16	SwethaTR	SIH Hackathon'23	National	19-20 December 2023		Winner 1,00,000
17	SubramaianR.M	SIHHackathon'23	National	19-20 December 2023		Winner, 100,000
18	ShrimanD	SIH Hackathon'23	National	19-20 December 2023		Winner ,100000
19	YukeshAS	SIH Hackathon'23	National	19-20 December 2023		Winner 100,000
20	SreejithS	SIH Hackathon'23	National	19-20 December 2023		Winner 1,00,000
21	SharanA	SIH Hackathon'23	National	19-20 December 2023		Winner, 100,000
22	Santhoshraj	SIH Hackathon'23	National	19-20 December 2023		Joint Winner 50,000

23	Sarankumar	SIH Hackathon'23	National	19-20 December 2023		Joint Winner 50,000
24	Shiva	SIH Hackathon'23	National	19-20 December 2023		Joint Winner 50,000
25	Seeshuraj	SIH Hackathon'23	National	19-20 December 2023		Joint Winner 50,000
26	Shrreya	SIH Hackathon'23	National	19-20 December 2023		Joint Winner 50,000
27	Surekha	SIH Hackathon'23	National	19-20 December 2023		Joint Winner 50,000
28	Elakkia	SIH Hackathon'23	National	19-20 December 2023		Finalist

(2022-2023)

S. No	**Name of the Student**	**Name of the event**	**State/National /International events**	**Date of Event**	**Name of the awards if any**	
1	Prabindh P	SIH Hackathon;2022	National	23-28 August 2022	Joint Winner (50000)	
2	PrincyJovita J	SIH Hackathon;2022	National	23-28 August 2022	Joint Winner (50000)	
3	Praveen V	SIH Hackathon;2022	National	23-28 August 2022	Joint Winner (50000)	
4	Pavithramuki R	SIH Hackathon;2022	National	23-28 August 2022	Joint Winner (50000)	
5	Nivetha M	SIH Hackathon;2022	National	23-28 August 2022	Joint Winner (50000)	
6	Amareshwaran P	SIH Hackathon;2022	National	23-28 August 2022	Joint Winner (50000)	
7	Bharathkishorre S	SIH Hackathon;2022	National	23-28 August 2022	Joint Winner (50000)	
8	Namitha G	SIH Hackathon;2022	National	23-28 August 2022	Joint Winner (50000)	
9	Keerthana K	SIH Hackathon;2022	National	23-28 August 2022	Joint Winner (50000)	
10	Suresh Kumar K	SIH Hackathon;2022	National	23-28 August 2022	Joint Winner (50000)	

11	KathirNilavan R	SIH Hackathon;2022	National	23-28 August 2022	Joint Winner (50000)	
12	Arthi S	Mapathon	National	11 April 2023	Winner	
13	Diya Jessica M J	Mapathon	National	11 April 2023	Winner	
14	Aishwarya V	Mapathon	National	11 April 2023	Winner	
15	AncySowshima J	Mapathon	National	11 April 2023	Winner	
16	Bindhya B	Mapathon	National	11 April 2023	Notable Participants	
17	Elophin F	Mapathon	National	11 April 2023	Notable Participants	
18	Belin JFebina	Mapathon	National	11 April 2023	Notable Participants	
19	Nagaraj V K	Mapathon	National	11 April 2023	Notable Participants	
20	Nandan S	Mapathon	National	11 April 2023	Notable Participants	
21	Sanjai K	Mapathon	National	11 April 2023	Notable Participants	
22	Pinto Joshwa M	Mapathon	National	11 April 2023	Notable Participants	
23	Pavithra G R	Mapathon	National	11 April 2023	Notable Participants	
24	Shopitha K	Mapathon	National	11 April 2023	Notable Participants	
25	Pavithra K	Mapathon	National	11 April 2023	Notable Participants	
26	Suriyasri S	Mapathon	National	11 April 2023	Notable Participants	
27	Shrivathsan S	Mapathon	National	11 April 2023	Notable Participants	
28	Varun T	Mapathon	National	11 April 2023	Notable Participants	
29	Vignesh S Santhosh S	Mapathon	National	11 April 2023	Notable Participants	
30	Varneth T	Mapathon	National	11 April 2023	Notable Participants	
31	Tamilvendhan M	Mapathon	National	11 April 2023	Notable Participants	
32	Santhosh S	Mapathon	National	11 April 2023	Notable Participants	
33	Isaac Jeddiah J K	Mapathon	National	11 April 2023	Notable Participants	
34	ManisDutt S	Mapathon	National	11 April 2023	Notable Participants	

35	Rahul.J	Mapathon	National	11 April 2023	Notable Participants
36	Rajamohan R	Mapathon	National	11 April 2023	Notable Participants
37	BibinusDeBoscoC	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist
38	DineshE	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist
40	JeyaNithishM	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist
41	ArunRS	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist
42	BrinthaRethnaM	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist
43	HarishS	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist
44	MariappanE	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist
45	MethileshS	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist
46	DeepakrajS	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist
47	ManiRajT	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist
48	DharneshK	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist
49	AthiraAR	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist

50	PraabindhP	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
51	PrincyJovitaJ	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
52	Praveen	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
53	PavithramukiR	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
54	NithishM	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
55	NivethaM	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
56	AldoXavierO	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
57	AvinashU	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
58	AntoAmalaJerinW	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
59	AbishekB	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
60	AishwaryaN	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
61	BhuvaneshwariK	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
62	JeromeSanjayG	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	

63	JoashCheristerJ	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
64	Kedar	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
65	HarishK	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
66	VenkateshK	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
67	ShruthilekhaG	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
68	Rithi Natchatra.C	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
69	Shriram.S	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
70	Varsha.TS	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
71	Samyuktha Shanmugam.S	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
72	Shriman.D	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
73	SherylJoanna.S	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
74	Vrishabvinaayak	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
75	VigneshwaranM	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	

76	VaruneshanR	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
77	SwethaV	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
78	JaicharanS	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
79	NandaGopalK	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
80	SwethaTR	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
81	SandhyaS	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
82	DevaDarshiniS	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
83	SeeshurajB	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
84	VarunN	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
85	VishnuR	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
86	DhanushSriramR	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
87	AshwithaaX	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
88	Dhivya R	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	

89	BevincentEdwardE	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
90	DasarathR	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
91	GiftsonSamuelRajT	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
92	JayaseelanS	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
93	Jeya DeepakJ	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
94	Jane Ann Elson	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
95	Lakshman S	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
96	CharanyaS	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
97	JoanJeremiahJ	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	
98	AshwinS	Hackathon'22	National	23/08/2022 to 28/08/2022	Finalist	

(2021-2022)

S. No	**Name of the Student**	**Name of the event**	**State/National /International events**	**Date of Event**	**Name of the Awards if any**
1	J. Antony Prince	UIDAI Aadhaar Hackathon 2021	National	25 November 2021	III
2	S. Charanya	UIDAI Aadhaar Hackathon 2021	National	25 November 2021	III
3	R. Arun	UIDAI Aadhaar Hackathon 2021	National	25 November 2021	III
4	V. Praveen	UIDAI Aadhaar Hackathon 2021	National	25 November 2021	III

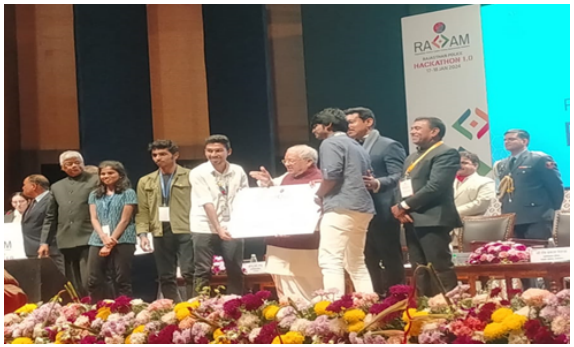
5	S. Aswin	UIDAI Aadhaar Hackathon 2021	National	25 November 2021	III
6	Shradha Sridhar	Mapathon	National	28 March 2022	Winner
7	Smirthi	Mapathon	National	28 March 2022	Winner
8	S. Sindhuja	Mapathon	National	28 March 2022	Winner
9	R. Sneha	Mapathon	National	28 March2022	Winner

INAE,FAER ,TNSCST ACHIEVERS

S. No	Name of the Student	Name of the event	State/National /International events	Name of the awards /Amount if any
1	Hemapriya N	INAE Innovative Student Project Awards 2022	National	Best Project Award 2022
2	Jaya Janani A	INAE Innovative Student Project Awards 2022	National	Best Project Award 2022
3	Dharshini N	TNSCST Student Project Award	State	Best Project Award 2022
4	Jane Ann Elson	TNSCST Student Project Award	State	Best Project Award 2022
5	Hemapriya N	FAER	National	Rs.6000

SIH-JOINT WINNERS

RAJASTHAN POLICE HACK-A-THON WINNERS



SIH WINNERS

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
Total	**1244600000**	**1168643410**	**1046250000**	**978209994**	**637600000**	**591497565**	**457300000**	**426482687**

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	300000	240720	3600000	3540000	5400000	5353418	400000	476425
Software	250000	259600	0	0	540000	519200	0	0
SDGs	400000	378957	1000000	950000	50000	49500	0	0
Support for faculty development	570000	448841	420000	210000	80000	0	0	0
R & D	500000	420000	200000	175000	100000	85000	100000	87000
Industrial Training, Industry expert, Internship	5345000	5243200	5172700	5012700	1843500	1750658	2556000	2527000
Miscellaneous Expenses*	1045000	1036926	1073000	1064926	898000	721200	584200	411110
Total	**8410000**	**8028244**	**11465700**	**10952626**	**8911500**	**8478976**	**3640200**	**3501535**