

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 : 11629	Date of Submission : 14-03-2026

PART A- Profile of the Institute

A1.Name of the Institute: St. Joseph's Institute of Technology	
Year of Establishment : 2011	Location of the Institute: Semmancherry Old Mamallapuram Road Chennai 600119
A2. Institute Address: The Principal, St.Joseph's Institute of Technology, Old Mamallapuram Road, Chennai600119Tamilnadu	
City:Kancheepuram	State:Tamil Nadu
Pin Code:600119	Website:www.stjosephstechnology.ac.in
Email:principal@stjosephstechnology.ac.in	Phone No(with STD Code):044-24503132
A3. Name and Address of the Affiliating University (if any):	
Name of the University : ANNA UNIVERSITY CHENNAI	City: Chennai
State : Tamil Nadu	Pin Code: 600020
A4. Type of the Institution: Autonomous CAY(2022-23)	
A5. Ownership Status: Self financing	

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

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

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

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Engineering & Technology	UG	Artificial Intelligence and Data Science	2021	--	Artificial Intelligence and Data Science
2	Engineering & Technology	UG	Computer Science and Engineering	2011	--	Computer Science and Engineering
3	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2025	--	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
4	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2024	--	Computer Science and Engineering (Cyber Security)
5	Engineering & Technology	UG	Electrical and Electronics Engineering	2011	--	Electrical and Electronics Engineering
6	Engineering & Technology	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	2011	--	Electronics and Communication Engineering
7	Engineering & Technology	UG	Information Technology	2011	--	Information Technology
8	Engineering & Technology	UG	Mechanical Engineering	2011	--	Mechanical Engineering
9	Management	PG	Master of Business Administration	2022	--	Management

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

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

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Computer Science and Engineering	Yes	Computer Science and Engineering	UG
Information Technology	Yes	Information Technology	UG
Electronics and Communication Engineering	No	ELECTRONICS AND 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
Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	UG
Computer Science and Engineering	Computer Science and Engineering	UG
Computer Science and Engineering (Artificial Intelligence and Machine Learning)	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	UG
Computer Science and Engineering (Cyber Security)	Computer Science and Engineering (Cyber Security)	UG

PART-B: Program information

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

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

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Information Technology	UG	2011 / --	60	Yes	2023	240	2023	F.No. Southern/1-36962894981/2023/EOA Dated: 11-Jun-2023	Granted accreditation for 3 years for the period (specify period)	2017	2026	3	4

Sanctioned Intake for Last Five Years for the Information Technology	
Academic Year	Sanctioned Intake
2025-26	240
2024-25	240
2023-24	240
2022-23	120
2021-22	120
2020-21	120

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	2011 / --	60	Yes	2023	240	2023	F.No. Southern/1-36962894981/2023/EOA Dated: 11-Jun-2023	Granted accreditation for 3 years for the period (specify period)	2017	2026	0	4

Sanctioned Intake for Last Five Years for the Computer Science and Engineering	
Academic Year	Sanctioned Intake
2025-26	240
2024-25	240
2023-24	240
2022-23	180
2021-22	180
2020-21	180

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
2	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	UG	2025 / --	60	No	NA	60	2025	F.No. Southern/1-44640138791/2025/EOA Dated: 10-Apr-2025	Not eligible for accreditation	--	--	0	4
3	Computer Science and Engineering (Cyber Security)	Computer Science and Engineering (Cyber Security)	UG	2024 / --	60	No	NA	60	2024	F.No. Southern/1-43658278561/2024/EOA Dated: 22-May-2024	Not eligible for accreditation	--	--	0	4
4	Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	UG	2021 / --	60	Yes	2022	180	2022	F.No. Southern/1-10981268991/2022/EOA Dated: 09-Jul-2022	Not eligible for accreditation	--	--	0	4

Sanctioned Intake for Last Five Years for the Artificial Intelligence and Data Science

Academic Year	Sanctioned Intake
2025-26	180
2024-25	180
2023-24	180
2022-23	180
2021-22	60
2020-21	0

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

A. Name of the HoD :	Dr. K. Vijayakumar
B. Nature of appointment:	Regular
C. Qualification:	M.Tech and Ph.D.

B3. Program Details

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

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	240	240	240	120	120	120	120
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	240	120	120	120	120
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	0	0	2	3	0	0
N3=Separate division if any	0	0	0	0	0	0	0

N4=Total no. of students admitted in the 1st year via all supernumerary quotas	16	18	13	7	8	1	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	256	258	253	129	131	121	120

CAY= Current Academic Year. CAYm1= Current Academic Year Minus 1 CAYm2= Current Academic Year Minus 2. LYG= Last Year Graduate. LYGm1= Last Year Graduate Minus 1. LYGm2= Last Year Graduate Minus 2.

B4. Enrolment Ratio in the First Year

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

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2025-26 (CAY)	240	240	16	106.67
2024-25 (CAYm1)	240	240	18	107.50
2023-24 (CAYm2)	240	240	13	105.42

Average [(ER1 + ER2 + ER3) / 3] = 106.53≅ 100

B5. Success Rate of the Students in the Stipulated Period of the Program

Table No.B5.1: The success rate in the stipulated period of a program.

Item	(2021-22) LYG	(2020-21) LYGm1	(2019-20) LYGm2
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	127.00	120.00	120.00
B=No. of students who graduated from the program in the stipulated course duration	117.00	113.00	119.00
Success Rate (SR)= (B/A) * 100	92.13	94.17	99.17

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 95.16

B6. Academic Performance of the First-Year Students of the Program

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

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
X=(Mean of 1st 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 1st year/10)	7.84	8.02	7.91
Y=Total no. of successful students	208.00	208.00	118.00
Z=Total no. of students appeared in the examination	253.00	248.00	125.00
API [X*(Y/Z)]	6.45	6.73	7.47

Average API[(AP1+AP2+AP3)/3] : 6.88

B7: Academic Performance of the Second Year Students of the Program

Table No.B7.1: Academic Performance of the Second Year Students of the Program.

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2nd year/10)	8.12	8.17	8.05
Y=Total no. of successful students	208.00	118.00	117.00
Z=Total no. of students appeared in the examination	208.00	120.00	120.00
API [X * (Y/Z)]	8.12	8.03	7.85

Average API [(AP1 + AP2 + AP3)/3] : 8.00

B8. Academic Performance of the Third Year Students of the Program

Table No.B8.1: Academic Performance of the Third Year Students of the Program

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	8.23	7.91	7.84
Y=Total no. of successful students	118.00	117.00	119.00

Z=Total no. of students appeared in the examination	118.00	117.00	119.00
API [X*(Y/Z)]:	8.23	7.91	7.84

Average API [(AP1 + AP2 + AP3)/3] : 7.99

B9. Placement, Higher Studies, and Entrepreneurship

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

Item	LYG (2021-22)	LYGm1(2020-21)	LYGm2(2019-20)
FS*=Total no. of final year students	123.00	120.00	120.00
X=No. of students placed	110.00	96.00	112.00
Y=No. of students admitted to higher studies	7.00	6.00	4.00
Z= No. of students taking up entrepreneurship	1.00	0.00	2.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	95.93	85.00	98.33

Average Placement Index = (P_1 + P_2 + P_3)/3: 93.09 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. K. Vijayakumar	XXXXXX02B	M.Tech and Ph.D.	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Image Processing, Machine Learning.	22/06/2012	13.8	Assistant Professor	Professor	01/07/2022	Regular	Yes		Yes
2	Dr. L. Javid Ali	XXXXXX77D	M.E. and Ph.D.	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Distributed Processing, Cloud Computing, Networking	01/06/2018	7.9	Associate Professor	Professor	01/07/2024	Regular	Yes		No
3	Dr. D. Logeshwari	XXXXXX82B	M.E. and Ph.D.	ANNA UNIVERSITY	Image Processing, Speech Processing	01/06/2023	2.9	Professor	Professor	01/06/2023	Regular	Yes		No
4	Dr. F. Sangeetha Francelin Vinnarasi	XXXXXX07L	M.Tech and Ph.D.	MANOMANIAM SUNDARNAR UNIVERSITY	Machine Learning, Networking	01/06/2023	2.9	Professor	Professor	01/06/2023	Regular	Yes		No
5	Dr. H. Niroshini Infanta	XXXXXX96P	M.E. and Ph.D.	ANNAMALAI UNIVERSITY	Cloud Computing, Machine learning	01/08/2013	12.7	Assistant Professor	Associate Professor	08/08/2024	Regular	Yes		No
6	Dr. G. Subhashini	XXXXXX77K	M.E. and Ph.D.	ANNA UNIVERSITY	Machine Learning, Deep Learning	16/06/2014	11.8	Assistant Professor	Associate Professor	25/08/2025	Regular	Yes		No
7	Dr. M. Karthi	XXXXXX64C	M.Tech and Ph.D.	ANNA UNIVERSITY	Data Science, Cloud Computing	29/06/2016	9.8	Assistant Professor	Associate Professor	01/07/2024	Regular	Yes		No
8	Mrs. G. Saranya	XXXXXX06R	M.E.	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Image Processing, Machine Learning.	01/07/2020	5.8	Assistant Professor	Assistant Professor		Regular	Yes		No

9	Mrs. C. Aishwarya	XXXXXXX75G	M.E.	ANNA UNIVERSITY	Image Processing, Machine Learning.	01/10/2021	4.5	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Mrs. T. Manju	XXXXXXX75L	M.E.	NOORUL ISLAM CENTRE FOR HIGHER EDUCATION	Machine Learning, Deep Learning	11/07/2022	3.8	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Mrs. N. Gowri Vidhya	XXXXXXX84N	M.E.	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Machine Learning, Deep Learning	11/07/2022	3.8	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Mr. G. R. Abijith	XXXXXXX15P	M.E.	ANNA UNIVERSITY	IoT,Wireless Sensor Network	11/07/2022	3.8	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Mrs. J. Vinisha	XXXXXXX84J	M.E.	ANNA UNIVERSITY	Medical Image Processing, Machine Learning.	17/10/2022	3.4	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mrs. A. Nithya	XXXXXXX19L	M.E.	ANNA UNIVERSITY	Cloud Computing, Machine learning	01/06/2020	5.9	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Mr. P. N. Karthikayan	XXXXXXX41C	M.Tech	KALASALINGAM UNIVERSITY	Medical Image Processing , Deep Learning	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Mr. K. P. Sriram	XXXXXXX56H	M.E.	ANNA UNIVERSITY	Networking ,Machine Learning	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Mrs. R. K. Revathi	XXXXXXX29N	M.Tech	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Image Processing, Machine Learning.	01/06/2020	5.9	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Mrs. A. Saranya	XXXXXXX19D	M.E.	ANNA UNIVERSITY	Machine Learning, Deep Learning	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Mrs. B. N. Kalpana	XXXXXXX69C	M.Tech	ANNA UNIVERSITY	Cybersecurity, Cryptography	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Mrs. S. Jeyapriyanga	XXXXXXX24F	M.E.	ANNA UNIVERSITY	Machine Learning, Deep Learning	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Mrs. R. Augasthega	XXXXXXX09Q	M.E.	ANNA UNIVERSITY	Machine Learning, Deep Learning	01/06/2020	5.9	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Mrs. Mary Joseph	XXXXXXX01K	M.E.	ANNA UNIVERSITY	Machine Learning, Deep Learning	12/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Mrs. S. Santhana Lakshmi	XXXXXXX65L	M.E.	ANNA UNIVERSITY	Machine Learning, Deep Learning	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Mr. A. Selvakumar	XXXXXXX51C	M.E.	ANNA UNIVERSITY	Deep Learning, Continue Learning	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Dr. S. Kalarani	XXXXXXX52H	M.E. and Ph.D.	ANNA UNIVERSITY	Image Processing, Machine Learning.	17/08/2011	12.8	Associate Professor	Professor	01/04/2013	Regular	No	17/04/2024	No
26	Mrs. V. Neelambary	XXXXXXX99F	M.E.	ANNA UNIVERSITY	Machine Learning, Deep Learning	16/06/2014	11.8	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Dr J.Sathiamoorthy	XXXXXXX30F	M.Tech and Ph.D.	MANOMANIAM SUNDARNAR UNIVERSITY	Machine Learning, IoT, Networking	01/06/2023	2.9	Professor	Professor		Regular	Yes		No
28	Dr. R. Deepa	XXXXXXX55Q	M.Tech and Ph.D.	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	Optimization and Placement of nodes in sensor networks	08/07/2024	1.8	Associate Professor	Associate Professor		Regular	Yes		No

29	Dr. B. Senthilnayagi	XXXXXX06R	M.Tech and Ph.D.	ANNA UNIVERSITY	Machine Learning, Deep Learning	05/08/2024	1.7	Associate Professor	Associate Professor		Regular	Yes		No
30	Dr. G. Mahalakshmi	XXXXXX52J	M.E. and Ph.D.	ANNA UNIVERSITY	Machine Learning, Data Analysis, IoT	05/08/2024	1.7	Assistant Professor	Associate Professor	02/01/2025	Regular	Yes		No
31	Dr. L. Arulmozhiselvan	XXXXXX66P	M.E. and Ph.D.	ANNA UNIVERSITY	Cloud Computing, IoT, Security	08/07/2024	1.8	Associate Professor	Associate Professor		Regular	Yes		No
32	Dr. P. Shanthy	XXXXXX33P	M.E. and Ph.D.	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	Machine Learning, Deep Learning	10/07/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
33	Mrs. C. P. Jetlin	XXXXXX96Q	M.E.	ANNA UNIVERSITY	Image Processing, Operating System	05/08/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
34	Mr. A. Najeem Dheen	XXXXXX76P	M.E.	ANNA UNIVERSITY	Networking, Computer Networks, WSN	05/08/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
35	Mr. G. Praveen Kumar	XXXXXX55R	M.E.	ANNA UNIVERSITY	Cybersecurity, Cryptography	05/08/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
36	Ms. A. Benazir Begum	XXXXXX00M	M.E.	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Machine Learning, Deep Learning, Data Mining	05/08/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
37	Mrs. P. Jeyakani	XXXXXX58B	M.E.	VINAYAKA MISSIONS UNIVERSITY	Machine Learning, Deep Learning	30/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
38	Mrs. P. Saranya	XXXXXX21R	M.E.	ANNA UNIVERSITY	Machine Learning ,IoT	30/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
39	Mr. R. Dhamodharan	XXXXXX50N	M.E.	ANNA UNIVERSITY	Cloud Computing, IoT	30/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
40	Dr. P. Illavarasan	XXXXXX48R	M.E. and Ph.D.	ANNA UNIVERSITY	Neural Network, Machine Learning	01/06/2022	3	Associate Professor	Associate Professor		Regular	No	28/06/2025	No
41	Ms. M. Annal Priyanga	XXXXXX17G	M.E.	ANNA UNIVERSITY	Machine Learning, Deep Learning	02/08/2021	2.8	Assistant Professor	Assistant Professor		Regular	No	19/04/2024	No
42	Mrs. S. Vinitha	XXXXXX81J	M.E.	ANNA UNIVERSITY	Image Processing, Machine Learning.	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
43	Ms. S. Anslam Sibi	XXXXXX86P	M.E.	ANNA UNIVERSITY	Machine Learning, Deep Learning	21/06/2017	6.10	Assistant Professor	Assistant Professor		Regular	No	30/04/2024	No
44	Dr. E. Christopher Siddarth	XXXXXX54H	M.E.	ANNAMALAI UNIVERSITY	Data Mining	11/08/2014	9.9	Assistant Professor	Associate Professor	01/06/2023	Regular	No	31/05/2024	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. V. Sabaresan	XXXXXX55R	NA	M.Tech and Ph.D.	ANNA UNIVERSITY	Data Science, IOT	16/08/2023	2.6	Assistant Professor	Associate Professor	01/07/2024	Regular	Yes		No

2	Dr. J. Dafni Rose	XXXXXXX17P	NA	M.E. and Ph.D.	ANNA UNIVERSITY	Data Mining	17/08/2011	14.7	Associate Professor	Professor	02/06/2014	Regular	Yes		Yes
3	Dr. C.A. Subasini	XXXXXXX54P	NA	M.E. and Ph.D.	ANNA UNIVERSITY	Wireless Sensor Network	01/06/2015	10.9	Associate Professor	Professor	01/06/2022	Regular	Yes		No
4	Dr. A. Deepak Kumar	XXXXXXX09G	NA	M.E. and Ph.D.	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Machine Learning	01/08/2013	12.7	Assistant Professor	Associate Professor	01/07/2024	Regular	Yes		No
5	Dr. D. Menaga	XXXXXXX06L	NA	M.E. and Ph.D.	ANNA UNIVERSITY	Image Processing	05/11/2020	5.4	Assistant Professor	Associate Professor	01/07/2024	Regular	Yes		No
6	Mrs. R. Vasanthi	XXXXXXX76B	NA	M.E.	ANNA UNIVERSITY	Machine Learning	01/06/2015	10.9	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Dr. K. Jaspin	XXXXXXX62D	NA	Ph.D	ANNA UNIVERSITY	Image Processing	23/07/2014	11.7	Assistant Professor	Associate Professor	01/08/2025	Regular	Yes		No
8	Ms. E. Ajitha	XXXXXXX86B	NA	M.E.	ANNA UNIVERSITY	Image Processing	19/06/2017	8.8	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Mr. A. Balamurali	XXXXXXX47G	NA	M.E.	ANNA UNIVERSITY	Networking	01/07/2020	5.8	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Ms. K. Sherin	XXXXXXX70H	NA	M.E.	ANNA UNIVERSITY	Image Processing	02/08/2021	4.7	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Ms. S. Revathy	XXXXXXX53P	NA	M.E.	ANNA UNIVERSITY	Machine Learning	02/08/2021	4.7	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Mrs. M. V. Ezhil Dyana	XXXXXXX96N	NA	M.E.	ANNA UNIVERSITY	Artificial Intelligence, Machine Learning	01/07/2020	5.8	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Mr. P. Mithun	XXXXXXX72H	NA	M.E.	ANNA UNIVERSITY	Data security, Machine Learning	02/08/2021	4.7	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mrs. A. Vani Lavanya	XXXXXXX85C	NA	M.E.	ANNA UNIVERSITY	Artificial Intelligence, Machine Learning	11/07/2022	3.8	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Ms. U. Surya	XXXXXXX68B	NA	M.Tech	MGR University	Artificial Intelligence, Database Management, Networks	11/07/2022	3.8	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Mr. S. Janagiraman	XXXXXXX08L	NA	M.E.	ANNA UNIVERSITY	Networking	11/07/2022	3.8	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Mr. S. Muthukumar	XXXXXXX52K	NA	M.E.	ANNA UNIVERSITY	Networking	01/08/2022	3.7	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Mrs. M. Ramya	XXXXXXX54H	NA	M.E.	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Data Mining	10/08/2022	3.7	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Mr. P. Karthikeyan	XXXXXXX17R	NA	M.E.	ANNA UNIVERSITY	Cloud Computing	16/11/2020	5.3	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Mrs. G.Smilarubavathy	XXXXXXX46N	NA	M.E.	ANNA UNIVERSITY	Deep Learning	01/06/2020	5.9	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Dr. N. Mythili	XXXXXXX94A	NA	M.E. and Ph.D.	ANNA UNIVERSITY	Image Processing, Machine Learning.	01/06/2021	4.9	Associate Professor	Professor	01/07/2024	Regular	Yes		No

22	Dr. C. Rajathi	XXXXXXXX01B	NA	M.Tech and Ph.D.	ANNA UNIVERSITY	Network Security, Intrusion Detection System, Machine Learning	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Mrs. Shanker Shalini	XXXXXXXX15F	NA	M.E.	ANNA UNIVERSITY	Neural Network, Machine Learning	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Mrs. M. Jeba Malar	XXXXXXXX44E	NA	M.E.	ANNA UNIVERSITY	Web Services	07/02/2025	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Mr. Rajasekar A	XXXXXXXX96A	NA	M.E.	ANNA UNIVERSITY	Network Security	30/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Mrs.V.C.Ranganayaki	XXXXXXXX64J	NA	M.E.	ANNA UNIVERSITY	Networking ,Machine Learning	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Mrs. P. Hema	XXXXXXXX37L	NA	M.E.	ANNA UNIVERSITY	Network Security	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
28	Mrs.E.Santhi Nisha	XXXXXXXX65R	NA	M.E.	ANNA UNIVERSITY	Network Security	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
29	Mrs. A. Gowri	XXXXXXXX84B	NA	M.E.	ANNA UNIVERSITY	Image Processing	18/08/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
30	Dr. L. SaiRamesh	XXXXXXXX13M	NA	M.E. and Ph.D.	ANNA UNIVERSITY	Machine learning, Smart IoT	01/06/2023	2.9	Professor	Professor		Regular	Yes		No
31	Mrs. R. Karthiga	XXXXXXXX41E	NA	M.Tech	ANNA UNIVERSITY	Machine Learning, Deep Learning	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
32	Dr.M.Krishnaraj	XXXXXXXX83C	NA	M.Tech and Ph.D.	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Computer Vision	08/07/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
33	Mrs. G. Kalingarani	XXXXXXXX57L	NA	M.E.	ANNA UNIVERSITY	Deep Learning	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
34	Ms. T. Sindhu	XXXXXXXX22J	NA	M.E.	ANNAMALAI UNIVERSITY	Machine Learning, IoT	05/08/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
35	Mrs. S. M. Keerthana	XXXXXXXX15R	NA	M.E.	ANNA UNIVERSITY	Machine Learning, Deep Learning	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
36	Mrs. M. Sangeetha	XXXXXXXX81K	NA	M.E.	ANNA UNIVERSITY	Text Analytics, Machine Learning, NLP	07/08/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
37	Mrs. D. Divyarupakala	XXXXXXXX65E	NA	M.E.	ANNA UNIVERSITY	Mobile Application Development	08/07/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
38	Ms. A. Angeline Valentina Sweety	XXXXXXXX18K	NA	M.E.	ANNA UNIVERSITY	Computer Networks	02/08/2021	2.8	Assistant Professor	Assistant Professor		Regular	No	30/04/2024	No
39	Mr. SundaraBabu. Maddu	XXXXXXXX55B	NA	M.Tech	JNTU University	Machine Learning	02/08/2021	3.8	Assistant Professor	Assistant Professor		Regular	No	30/04/2025	No
40	Dr.Angel Petricia	XXXXXXXX03M	NA	M.E. and Ph.D.	ANNA UNIVERSITY	Machine Learning	05/08/2024	0.8	Assistant Professor	Assistant Professor		Regular	No	30/04/2025	No
41	Mr. T. N. Sudhahar	XXXXXXXX30A	NA	M.Tech	ANNA UNIVERSITY	Artificial Intelligence, Machine Learning	01/08/2022	1.8	Assistant Professor	Assistant Professor		Regular	No	30/04/2024	No
42	Dr. M. Tamil Thendral	XXXXXXXX42P	NA	M.E. and Ph.D.	ANNA UNIVERSITY	Image Processing, Machine Learning	01/06/2020	5.9	Assistant Professor	Associate Professor	01/07/2022	Regular	Yes		No

43	Dr.Adlin Sheeba	XXXXXXXX95J	NA	M.E. and Ph.D.	ANNA UNIVERSITY	Web Services	01/06/2015	10	Professor	Professor		Regular	No	31/05/2025	No
44	Dr. R. Priscilla	XXXXXXXX14D	NA	M.E. and Ph.D.	ANNA UNIVERSITY	Deep Learning, Artificial intelligence	13/06/2012	13.9	Associate Professor	Professor	01/03/2013	Regular	Yes		No
45	Dr.M.K.Kirubakaran	XXXXXXXX39N	NA	M.E. and Ph.D.	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Wireless Sensor Networks	01/06/2019	6.9	Associate Professor	Professor	01/07/2024	Regular	Yes		No
46	Dr.A.V.Allin Geo	XXXXXXXX15L	NA	M.E. and Ph.D.	BHARATH UNIVERSITY	Networking, Machine Learning	11/08/2022	3.7	Assistant Professor	Associate Professor	01/11/2024	Regular	Yes		No
47	Dr.P.Vinoth Kumar	XXXXXXXX93D	NA	M.E. and Ph.D.	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	Internet of Things, Machine Learning	01/06/2023	2.9	Assistant Professor	Associate Professor	02/01/2025	Regular	Yes		No
48	Dr. M. Revathi	XXXXXXXX81N	NA	M.E. and Ph.D.	ANNA UNIVERSITY	Deep Learning, Artificial intelligence	02/08/2021	4.7	Assistant Professor	Associate Professor	02/01/2025	Regular	Yes		No
49	Mrs.J.Gold Beulah Patturose	XXXXXXXX87D	NA	M.E.	ANNA UNIVERSITY	Networking, Artificial intelligence	02/01/2023	3.2	Assistant Professor	Assistant Professor		Regular	Yes		No
50	Mr.S.Venkatesan	XXXXXXXX94A	NA	M.E.	ANNA UNIVERSITY	Deep Learning, Artificial intelligence	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
51	Ms.T.George Princess	XXXXXXXX40M	NA	M.E.	ANNA UNIVERSITY	Internet of Things, Machine Learning	01/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
52	Dr.R.Archana	XXXXXXXX88D	NA	M.E. and Ph.D.	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	Cloud Computing, Machine Learning	12/06/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
53	Ms.A.Jenifer	XXXXXXXX28K	NA	M.E.	ANNA UNIVERSITY	Artificial Intelligence, networking	01/08/2023	2.7	Assistant Professor	Assistant Professor		Regular	Yes		No
54	Ms.P.Chitra	XXXXXXXX70A	NA	M.E.	ANNA UNIVERSITY	Web Technologies, Artificial Intelligence	16/08/2023	2.6	Assistant Professor	Assistant Professor		Regular	Yes		No
55	Mrs. M. Praba	XXXXXXXX58E	NA	M.Tech	ANNA UNIVERSITY	Deep Learning, Machine Learning	07/02/2024	2.1	Assistant Professor	Assistant Professor		Regular	Yes		No
56	Mrs. K. Gayathri	XXXXXXXX70D	NA	M.E.	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Machine Learning, Deep Learning	08/07/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
57	Ms. S. B. Priya	XXXXXXXX98D	NA	M.Tech	ANNA UNIVERSITY	Machine Learning, Deep Learning	08/07/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
58	Mr. S. Abilash Nath	XXXXXXXX74R	NA	M.Tech	KANNUR UNIVERSITY	Deep Learning, Cyber Security, Block Chain	05/08/2024	1.7	Assistant Professor	Assistant Professor		Regular	Yes		No
59	Dr.J.Subha	XXXXXXXX38L	NA	M.Tech and Ph.D.	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	Web Technologies	21/08/2024	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No
60	Mrs. A. Jenifus Selvarani	XXXXXXXX70E	NA	M.Tech	ANNA UNIVERSITY	Machine Learning, Deep Learning	02/09/2024	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No

61	Mrs.R.Abirami	XXXXXXXX27E	NA	M.Tech	ANNA UNIVERSITY	Machine Learning, Deep Learning	09/09/2024	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No
62	Mr. S. Lakshminarayanan	XXXXXXXX76M	NA	M.E.	SATHYABAMA INSTITUT E OF SCIENCE AND TECHNOLOGY	Cloud Computing, Wireless Sensor Networks	18/09/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
63	Mrs.K.Varalakshmi	XXXXXXXX29R	NA	M.E.	ANNA UNIVERSITY	Networking, Machine Learning	18/09/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
64	Mrs.S.Saranya	XXXXXXXX53J	NA	M.E.	ANNA UNIVERSITY	Networking, Artificial intelligence	01/06/2024	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
65	Mrs.A.Shanthakumari	XXXXXXXX99D	NA	M.E.	ANNA UNIVERSITY	Cloud Computing, Networking	30/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
66	Mrs.Haritha K	XXXXXXXX49D	NA	M.E.	ANNA UNIVERSITY	Machine Learning, Deep Learning, Artificial intelligence	30/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
67	Mrs B. Cynthia Sherin	XXXXXXXX50A	NA	M.E.	ANNA UNIVERSITY	Deep Learning, Artificial intelligence	30/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
68	Mr.Pradeep Kumar M	XXXXXXXX70D	NA	M.E.	ANNA UNIVERSITY	NLP, Cybersecurity,Networking	30/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
69	Ms.D.Asha	XXXXXXXX37G	NA	M.Tech	PONDICHERRY UNIVERSITY	Machine Learning, Deep Learning, Data Science	30/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
70	Dr. E. Christopher Siddarth	XXXXXXXX54H	NA	M.E. and Ph.D.	ANNAMALAI UNIVERSITY	Data Mining	03/06/2024	1.9	Associate Professor	Associate Professor		Regular	Yes		No
71	Mrs.J.Josepha Menandas	XXXXXXXX93R	NA	M.E.	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	Machine Learning, Deep Learning	30/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
72	Mr.S.Dinakar Jose	XXXXXXXX14G	NA	M.E.	MANOMANIAM SUNDARNAR UNIVERSITY	Network Security	30/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
73	Dr. P. Ilavarasan	XXXXXXXX48R	NA	M.E. and Ph.D.	ANNA UNIVERSITY	Neural Network, Machine Learning	30/06/2025	0.8	Associate Professor	Associate Professor		Regular	Yes		No
74	Mr. R. Saravanan	XXXXXXXX03J	NA	M.Tech	BHARATH UNIVERSITY	Machine Learning, Deep Learning	11/07/2022	3.8	Assistant Professor	Assistant Professor		Regular	Yes		No

C2. Student-Faculty Ratio (SFR)

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

UG1=1st UG program

UGn=nth UG program

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

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

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

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

PG1=1st PG program.

PGm=mth PG program

A= No. of Students in PG 1st year

B= No. of Students in PG 2nd year

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

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

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

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

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

No. of UG Programs in the Department5 No. of PG Programs in the Department0

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	240	240	122
UG1.C	240	122	123
UG1.D	122	123	120
UG1: Information Technology	602	485	365
UG2.B	182	183	181
UG2.C	183	181	60
UG2.D	181	60	0
UG2: Artificial Intelligence and Data Science	546	424	241
UG3.B	61	0	0
UG3.C	0	0	0
UG3.D	0	0	0
UG3: Computer Science and Engineering (Cyber Security)	61	0	0
UG4.B	0	0	0
UG4.C	0	0	0
UG4.D	0	0	0
UG4: Computer Science and Engineering (Artificial Intelligence & Machine Learning)	0	0	0
UG5.B	241	241	181
UG5.C	241	181	186
UG5.D	181	186	181
UG5: Computer Science and Engineering	663	608	548
DS=Total no. of students in all UG and PG programs in the Department	602	485	365
AS=Total no. of students of all UG and PG programs in allied departments	1270	1032	789
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 1872	S2= 1517	S3= 1154
DF=Total no. of faculty members in the Department	39	37	30
AF= Total no. of faculty members in the allied Departments	68	57	46
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 107	F2= 94	F3= 76
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= 17.50	SFR2= 16.14	SFR3= 15.18
Average SFR for 3 years	SFR= 16.27		

C3. Faculty Qualification

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

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = $2.5 \times [(10X + 4Y) / RF]$
------	---	---	----	-------------------------------------

2025-26(CAY)	28	79	93.00	16.02
2024-25(CAYm1)	24	70	75.00	17.33
2023-24(CAYm2)	15	61	57.00	17.28

C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	10.00	11.00	20.00	16.00	62.00	80.00
2024-25	8.00	12.00	16.00	11.00	50.00	71.00
2023-24	6.00	9.00	12.00	5.00	38.00	62.00
Average	RF1=8.00	AF1=10.67	RF2=16.00	AF2=10.67	RF2=50.00	AF2=71.00

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr. S. Arumuga Perumal	Director	Riyasaa labs and Distinguished Professor of Computer Science and Research , Crown university,USA	IoT Systems & Embedded Technologies	54.00
2	Mr. MAC MOHAN P	Techno Leader	Cyber & Cloud (AI / ML) Solutions Architect	Azure Data Engineering with Generative AI	54.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Balaji Janarthanam	AI & GenAI Lead	Viasat Inc	Introduction to AI, ML & Generative AI	54.00
2	Mr. S. Karthikeyan	FULLSTACK AI Engineer	Aptitude Guru Hemchandar	Web Development using React JS SQL Mongo DB	54.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Dinesh Kumar	CEO	Read Automation	Robotics IoT and AI	50.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	18	15	12
2	No. of peer reviewed conference papers published	63	27	17
3	No. of books/book chapters published	5	4	8

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
Devinoh Hafni G	Ms. Jetlin C P (Mentor)	Information Technology	AI-Driven Silicosis Prevention for Indian Potters	MSME	1 year	15.00
Shervin Bruce, Shyam K, Priyadharshini R, Shangeetha S	Dr. Javid Ali (Mentor)	Information Technology	How might we develop a unique and efficient mechanism to automatically stop the transfer of social security funds to deceased under various schemes? The solution should ensure timely identification of deceased beneficiaries, leveraging integration with death registration databases, Aadhaar authentication, or periodic life certification to prevent misuse of government funds.	Naan Mudhalvan Grand Innovation & Skilling	1 year	0.10
Dr. K. Vijayakumar		Information Technology	FDP on Artificial Intelligence Techniques for Advancing Medical Data Processing and Health care	ATAL AICTE	1	3.50
Dr. K. Vijayakumar		Information Technology	Workshop on Cyber Security & Ethical Hacking	AICTE	1	1.25
						Amount received (Rs.):19.85

(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. K. Vijayakumar		Information Technology	ICSES 2023	SERB	1	2.00
Dr. K. Vijayakumar		Information Technology	ICSES 2023	CSIR	1	1.00
Dr. K. Vijayakumar		Information Technology	ICECONF 2023	AICTE	1	3.93
						Amount received (Rs.):6.93

(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. K. Vijayakumar		Information Technology	ICSES2022	SERB	1	3.00
						Amount received (Rs.):3.00

Total Amount (Lacs) Received for the Past 3 Years: 29.78

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. P N Kalpana		Department of Information technology	Web Application	Nomad Nova	1 year	0.91
Dr. Karthi M		Department of Information technology	Artificial Intelligence, Cloud Computing, and DevOps automation into the product platform.	HiAiDo	1 year	0.45
Dr. Karthi M		Department of Information technology	Nephele 2.0	AWS User Group Women in Tech India.	1 year	0.30
Ms. C. P. Jetlin		Department of Information technology	Design and Development of an ERP Automation System	Maya Consultancy	1 year	1.20
Mr. Abijith G R		Department of Information technology	Billing Software Development	DreamDartl	1 year	0.50
Mr. G. Praveen Kumar		Department of Information technology	GymPad	Acutix Soft LLP	2 year	2.00
Ms. C Niroshini Infantia		Department of Information technology	Ferticare	Acutix Soft LLP	2 year	2.00
Ms. C. P. Jetlin		Department of Information technology	Smart Navigation using AR	R& A Magnis Pvt Ltd	2 year	2.98
						Amount received (Rs.):10.34

(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. K. Vijaykumar	Dr. L. Javid Ali	Department of Information Technology	Nagaland Tribune App Development	AMIGO Web Solutions	3 months	0.65
Dr. M. Karthi	Dr. K. Vijayakumar	Department of Information Technology	Fluoroscopic Imaging Automation through Linear Regression and Diagnosing through Convolution Neural Networks.	Phoenix Tech IT Services, Chennai	2 months	0.40
Dr. M. Karthi	Dr. K. Vijayakumar	Department of Information Technology	Amazon AWS Development Project	KONFHUB Technologies LLP	3 months	2.08
Dr. K. Vijaykumar		Department of Information Technology	Website and App Development and Maintenance	Nagaland Tribune	3 years	5.00
						Amount received (Rs.):8.13

(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. S. Kalarani Dr. R. Priscilla Mr. M. Karthi	Mr. Pandi A R Mr. Raghul G	Department of Information Technology	ML Solutions	BYS Business	2 months	0.15
Dr. S. Kalarani Dr. R. Priscilla Mr. M. Karthi	Mr. S. Jagan Mr. Om Prakash M A	Department of Information Technology	Stock Prediction and Online Products Information Retrieving	Gusto Info Tech Solutions	3 months	0.20
Dr. L. Javid Ali L	Dr. M. Kirubakaran	Department of Information Technology	Network Infrastructure Design and Development	TV Corp Solutions Pvt Ltd	1.5 months	0.50
Ms. C. Niroshini Infantia	Ms. G. Subhashini	Department of Information Technology	Website Creation and Logo Design	GRM Housing Promoters	3 months	1.25
Dr. S. Kalarani	Dr. R. Priscilla	Department of Information Technology	E- Commerce Development for Big BoysJ's	Stigmata Techno Solutions LLP Chennai	3 months	0.40
Dr. S. Kalarani Dr. R. Priscilla Mr. M. Karthi	Mr. G. Raghul G	Department of Information Technology	AWS False Key Detection	Stigmata Techno Solutions LLP Chennai	1.5 months	0.07
Dr. S. Kalarani Dr. R. Priscilla Mr. M. Karthi	Mr. J. Vigneshwar	Department of Information Technology	Logo Design for Electronics Refurbishing , Logo Design for Sports Academy to design a tagline Muscat design for a Restaurant	F5 Refresh under Stigmata Techno Solutions LLP Chennai	1 month	0.09
Dr. S. Kalarani Dr. R. Priscilla Mr. M. Karthi	Ms. Anvitha, Ms. Bavithra	Department of Information Technology	Atlassian Plug in Development	Stigmata Techno Solutions LLP Chennai	6 months	0.16
Dr. Nikkath Bushra	Ms. M. Revathi, Ms. S. Anslam Sibi	Department of Information Technology	Big Data Analytics from social media to mitigate Adverse Drug Reactions	Gusto Information Technologies & Management solutions	6 months	0.20
Dr. S. Kalarani, Dr. R. Priscilla, Mr. M. Karthi	Mr. G.Raghul	Department of Information Technology	MIS Project Documentation	Stigmata Techno Solutions LLP Chennai	5 months	0.20
Dr. S. Kalarani	Mr. S. K. Aakash	Department of Information Technology	Vehicle Tracking system	Sai Kirupa Logistics	2 years	1.00
						Amount received (Rs.):4.22

Total amount (Lacs) received for the past 3 years: 22.69

Note*:

- Only consultancy projects will be considered. Infrastructure-based projects will not be considered here.

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

Table No. C9.1: List of faculty members received seed money or internal research grant from the Institution.

(CAYm1)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Dr. K. Vijayakumar Dr. D. Logeshwari Dr. B. Senthilnayaki Ms. C. P. Jetlin	Privacy Preserving AI for Medical Imaging and IoT	1 year	1.99	1.86	Published paper in SCI Journal and filed patent
Dr. L. Javid Ali Ms. P. Shanthi Mr. G. Praveen Kumar Dr. R. Deepa	Intelligent Sustainable Systems Using DBN-EKELM	1 year	0.76	0.76	Developed an intelligent integrated framework using the DBN-EKELM model for sustainable system management.
Dr. Javid Ali Ms. Manju T Dr. Deepa R Ms. Augasthega R	AI-Based Smart Agriculture and Cloud Scheduling Framework	1 year	0.36	0.36	Developed prototype and applied for Government projects
Dr.Vijayakumar K Dr. Logeshwari D Dr. Sangeetha F Ms. Subhashini G	AI-Driven UAV System for Military Surveillance	1 year	0.36	0.36	Developed working model and published paper
			Amount received (Rs.): 3.47		

(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. K. Vijayakumar Ms. Subhashini G Dr. F. Sangeetha Dr. Javid Ali	Intelligent Cancer Classification Framework	1 Year	1.16	1.16	Project was published in reputed journals. Patents was also filed
Dr. K. Vijayakumar Dr. Logeshwari D Mr.Sriram K P Ms.Augasthega R Ms.Niroshini Infantia C	AI Driven Cancer Detection	1 Year	0.71	0.71	Project was published in reputed journals. Patents was also filed
Dr. K. Vijayakumar Dr. Sangeetha Dr. L. Javid Ali Ms. Niroshini Infantia Mr. M. Karthi	Hybrid AI for Secure Analytics	1 Year	1.72	1.72	Project was published in reputed journals. Patents was also filed
			Amount received (Rs.): 3.59		

(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
			Amount received (Rs.): 0		

Total amount (Lacs) received for the past 3 years : 7.06

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	Python Programming Laboratory	65	Intel Core i7, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	21hrs	Mr.K.Prakash	System Programmer	B.E
2	Programming in C Laboratory	65	Intel Core i7, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	21hrs	Mr.S.Jeevanandhan	System Administrator	B.Sc
3	Data Structures using Python Laboratory	65	Intel Core i5, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	12hrs	Mr.S.Abdul kalam	System Programmer	DCE
4	Java Programming Laboratory	65	Intel Core i7, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	12hrs	Mr.K.Prakash	System Programmer	B.E
5	Data Science Laboratory	65	Intel Core i5, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	12hrs	Mr.S.Abdul kalam	System Programmer	DCE
6	Professional Skills Laboratory	65	Intel Core i7, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	12hrs	Mr.S.Jeevanandhan	System Administrator	B.Sc
7	Artificial Intelligence and Basics of Machine Learning Laboratory	65	Intel Core i7, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	12hrs	Mr.K.Prakash	System Programmer	B.E
8	Database Management Systems Laboratory	65	Intel Core i5, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	12hrs	Mr.S.Abdul kalam	System Programmer	DCE

9	Operating Systems Laboratory	65	Intel Core i7, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	12hrs	Mr.S.Jeevanandhan	System Administrator	B.Sc
10	Full Stack and Web Development Laboratory	65	Intel Core i5, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	12hrs	Mr.S.Abdul kalam	System Programmer	DCE
11	Digital Image Processing Laboratory	65	Intel Core i7, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	12hrs	Mr.K.Prakash	System Programmer	B.E
12	Big Data Analytics Laboratory	65	Intel Core i7, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	12hrs	Mr.S.Jeevanandhan	System Administrator	B.Sc
13	Deep Learning Laboratory	65	Intel Core i5, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	12hrs	Mr.S.Abdul kalam	System Programmer	DCE
14	Mini Project	65	Intel Core i7, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	12hrs	Mr.K.Prakash	System Programmer	B.E
15	Cyber security Lab	65	Intel Core i7, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	12hrs	Mr.S.Jeevanandhan	System Administrator	B.Sc
16	IOT and Cloud Computing Lab	65	Intel Core i5, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	12hrs	Mr.S.Abdul kalam	System Programmer	DCE
17	Computer Networks Laboratory	65	Intel Core i5, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	3hrs	Mr.S.Abdul kalam	System Programmer	DCE
18	Artificial Intelligence and Basics of Machine Learning Laboratory	65	Intel Core i7, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	3hrs	Mr.K.Prakash	System Programmer	B.E
19	Data Structures using C Laboratory	65	Intel Core i7, 4.00 GB RAM, 500 GB HDD, 18.5 TFT LED Monitor, Wired Mouse and mouse	9hrs	Mr.S.Jeevanandhan	System Administrator	B.Sc

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Advance Systems Laboratory	Adjust screen brightness to a level that feels comfortable for your eyes. Sit upright and maintain good posture throughout your work. Avoid touching monitor cables or the back panel to prevent accidental disconnections or damage. Use only the system assigned to you. Limit your software use to the provided design and web applications. Keep display settings as they are, unless instructed otherwise. Help keep the keyboard and mouse clean for everyone's use. Keep bags, books, and other items away from the system area. Do not connect any external devices without prior permission. Always shut down the system properly when you're done.
2	Programming and Networking Laboratory	Keep network cables connected and undisturbed to maintain stable connectivity. Respect current system settings and configurations; avoid making changes. • Handle routers and switches with care. Use systems only for your assigned tasks. Refrain from connecting personal USB devices. Avoid restarting systems unless necessary. Follow the proper login and logout procedures each time. Inform staff immediately if you notice any loose or damaged cables. Access only the folders and files permitted for your work. Maintain proper seating posture and follow lab/classroom discipline at all times.
3	Artificial Intelligence Laboratory	Use only the programming software required for your tasks. Refrain from installing or downloading any new applications. Handle headphones and microphones with care. Keep the volume at a safe, comfortable level to protect your hearing. Save your work regularly to avoid losing progress. Do not delete or modify any system files. Maintain silence during sessions to support a focused learning environment. Log out properly after completing your work. Use systems exclusively for lab-related activities. Keep your working area neat and organized at all times.
4	Centre for Innovation	Handle all tools and devices with care. Work only on the projects assigned to you. Do not switch or swap devices without prior permission. Place components on stable, safe surfaces—avoid floors or unsafe areas. Test your project only after a staff member has verified the setup. Avoid overloading power sockets or extension boards. Return all tools and components to their proper place after use. Keep the working table clean and free from loose wires. Immediately report any burnt components, loose connections, or faults to staff.

5	Project Laboratory	Arrange all project materials neatly before starting. Keep wires tidy and secure, avoid loose or hanging cables. Handle all project components with care. Use the power supply cautiously to avoid damage or hazards. Do not disturb or interfere with other ongoing projects. Keep a backup of your project files to prevent data loss. Avoid overcrowding your work area; maintain enough space for safe movement. Inform your guide before testing any project. Switch off systems properly after each use. Clean your workspace thoroughly upon completion of your work.
6	Research & Development Laboratory	Keep the lab clean and safe, no eating or drinking inside. Respect system settings; do not change or alter them. Use systems only for the tasks assigned to you. Do not copy or delete any files without proper authorization. Maintain silence to support a focused learning environment. Access only the data and folders permitted for your work. Log out properly after each session. Follow all staff instructions carefully and promptly. Leave the lab only after completing your assigned work.

D3. Project Laboratory/Research Laboratory

In the department of Information Technology, an exclusive lab is available for project / mini projects to be carried out by students. Project Laboratory enables UG students to obtain hands-on experience and to realize their project ideas as executable projects. High speed internet facilities are always available to these systems.

Project Laboratory/Research Laboratory/Centre of Excellence

S.No	Name of the Laboratory
1	AICTE IDEA Lab
2	Data Science and Analytics
3	Robotic Process Automation (UiPath)
4	5G/6G Technology
5	Robotics and Industrial Automation
6	CISCO CCNA Academy
7	Cloud Computing and DevOps Center

Project Laboratory Details

The following is the list of available facilities:

Project Title	Facilities available in the Lab for Project	Description	Utilization	Outcome
---------------	---	-------------	-------------	---------

Automated Dental Disease Classification from X-ray Images	Jupiter Notebook Sense AI	This model uses deep learning techniques to automatically detect and classify dental diseases (like cavities, gum disease, infections) from dental X-ray images. This system aims to assist dental professionals by providing fast, consistent, and accurate predictions.	Short Term Projects	Publications by Staff
Natural Language to SQL queries using machine learning and LLM models	Python, Hugging Face Transformers, spaCy, NLTK, MySQL	This system that converts human language questions into structured SQL queries. It combines Natural Language Processing, Machine Learning, and modern Large Language Models to allow non-technical users to interact with databases using plain English.	UG End Semester Projects	Publications by Students
Hybrid Convolutional Deep Learning System for Rice Plant Disease Recognition	Python, TensorFlow, Kera's, PyTorch	This project focuses on detecting and classifying rice plant diseases using a hybrid deep learning approach that combines multiple Convolutional Neural Networks (CNNs) for improved accuracy.	Research Projects	Funded Projects
Smart Cervical Cancer Assistant with Personalized Test Recommendations.	Spyder Anaconda Python ver 3.9.9 scikit-learn TensorFlow spaCy / NLTK Pandas NumPy	This project designs an intelligent healthcare assistant that helps in early detection and risk assessment of cervical cancer and provides personalized screening test recommendations.	Mini Projects for UG Students	Hackathon Presentation
A Web-Based Service Management Portal for RealTime Monitoring and Cost Optimization of AWS Cloud	Python / JavaScript React HTML5, CSS3 Node.js / Flask AWS SDK for Python (Boto3) AWS Cost Explorer API MongoDB / MySQL	This project develops a web-based dashboard that helps organizations monitor, analyze, and optimize their cloud resources on Amazon Web Services (AWS) in real time.		

<p>Estimation of a Prolonged Release NPK Fertilizer with Humic Acid and Zeolite for Optimizing Nutrient retention for yield in vegetative crops</p>	<p>Python ver3.9.9 Anaconda Seaborn, Scikit-learn, streamlit</p>	<p>This project focuses on designing and analyzing a controlled-release fertilizer system that improves nutrient efficiency in agriculture by combining NPK (Nitrogen-Phosphorus-Potassium) with humic acid and zeolite.</p> <p>The</p>
<p>Hybrid BiLSTM Transformer FinBERT XGBoost Framework for End-of-Day Stock Prediction and Trading Recommendations</p>	<p>TensorFlow / PyTorch scikit-learn XGBoost Hugging Face Transformers FinBERT NumPy Pandas</p>	<p>This project develops an advanced hybrid AI system for stock market prediction and trading recommendations using multiple deep learning and machine learning models.</p>
<p>Emotion-Aware Expressive Text-to-Speech Using a LSTM-Based Acoustic Model and EmoV-DB</p>	<p>Jupyter Notebook Librosa SoundFile</p>	<p>This project focuses on building a Text-to-Speech (TTS) system capable of generating emotionally expressive speech rather than flat, robotic audio. It uses deep learning techniques—specifically Long Short-Term Memory (LSTM) networks—to model speech patterns and incorporate emotions like happiness, sadness, anger, and neutrality.</p>
<p>Artificial Intelligence Innovations and Strategic Insights for a Smart Retail Transformation</p>	<p>Python OpenCV Matplotlib Seaborn Power BI</p>	<p>This project explores how Artificial Intelligence can transform traditional retail systems into smart, data-driven retail ecosystems. It focuses on using AI technologies to improve customer experience, optimize operations, and generate strategic business insights.</p>

A Deep Learning Framework For Plant Disease recognition, Severity Estimation, And Treatment Suggestion	Python OpenCV Pillow Tesseract OCR spaCy NLTK scikit-learn TensorFlow / PyTorch	This project develops an intelligent agricultural system that can identify plant diseases, estimate their severity, and recommend suitable treatments using deep learning techniques.
Device-Level Bandwidth Profiling and Misuse Detection in Shared Wi-Fi Networks	Python Scapy Wireshark scikit-learn TensorFlow MongoDB / MySQL Flask / Django	This project builds a system to monitor, profile, and analyze bandwidth usage per device in a shared Wi-Fi network (hostels, offices, campuses) and detect abnormal or malicious usage patterns.
Smart Document Authentication and Fraud Detection for Semi-Categorized Data	Python OpenCV Pillow Tesseract OCR spaCy NLTK scikit-learn TensorFlow / PyTorch	This project focuses on building an intelligent system to verify document authenticity and detect fraud in documents that are only partially structured (semi-categorized), such as invoices, ID cards, bank statements, certificates, and forms.
Enhancing Vehicle-Density Adaptive Traffic Signals with Weather Context Responsiveness	Python OpenCV YOLO, TensorFlow, PyTorch, Flask or Django, Weather API	This project proposes an intelligent traffic management system that dynamically adjusts signal timings based on real-time vehicle density and weather conditions.

The above-mentioned facilities are used by staff, students and for Research purposes. The outcome includes UG Projects, Paper Publications and Presentations in reputed Journals and Conferences.



Project Laboratory Outcome

Outcome: Publications by Staff

Academic Year 2023- 2024

S. No	Author Name	Paper Title	Journal Name	Month/ Year	ISBN/ISSN No	Volume / Issue / Page No
1.	Dr. K. Vijayakumar	Deep learning- based cancer disease classification using Gene Expression Data	Journal of Autonomous Intelligence	Jan 2024	ISSN No: 2630-5046	Volume:7, Issue: 1, doi: 10.32629/jai.v7i1.734, PP:1 - 11
2.		Hybrid Feature Selection Using the Firefly Algorithm for Automatic Detection of Benign/Malignant Breast Cancer in Ultrasound Images	traitement du signal	December 2023	ISSN No: 0765-0019	Volume: 40, Issue: 6, DOI: https://doi.org/10.18280/ts.400628 ; Pages: 2671–2681
3.	Dr. D. Logeshwari	Unsupervised Transudative TL Feature Learning For Image Feature Extraction and Representation	ICTACT Journal on Image and Video Processing	August 2023	ISSN No: 0976-9102	Vol:14, Issue: 1 Pp: 3079-3086 DOI:10.21917/ijivp.2023.0438
4.		User Centric Adaptive Multimedia Streaming in Interactive Communication Networks Using Shannon-Fano Genetic Algorithm	ICTACT Journal on Communication Technology	September 2023	ISSN No: 2229-6948	Vol:14, Issue: 3 Pp: 2965-2973 DOI:10.21917/ijct.2023.0441

5.		A Hierarchical Optimized Resource Utilization based Content Placement (HORCP) model for cloud Content Delivery Networks (CDNs)	Journal of Cloud Computing	October 2023	ISSNNo: 2192-113X	Vol:12:139, Issue:1, https://doi.org/10.1186/s13677-023-00519-2 pp:1 - 20
6.	Dr.F.Sangeetha Francelin Vinnarasi	Power allocation for enhancing energy efficiency in unmanned aerial vehicle networks	International Journal of Communication Systems	Jan 2024	ISSNNo: 1099-1131	Vol: 37, Issue:4, https://doi.org/10.1002/dac.5662
7.		A novel model for optimal selection of relay bus with maximum link reliability in VANET using hybrid fuzzy niching grey wolf optimization	Wireless Networks	May 2024	ISSN No: 1572-8196	DOI: https://doi.org/10.1007/s11276-024-03752-y
8.	Dr.L.Javid Ali	Task Scheduling Based on Cost and Execution Time Using Ameliorate Grey Wolf Optimizer Algorithm in Cloud Computing	International Journal of Intelligent Engineering & Systems	June 2023	ISSN No: 2185-3118	Vol:16, Issue: 3, 2023 pp. 417 -427
9.		Swarm learning based credit scoring for P2P lending in block chain	Peer-to-Peer Networking and Applications	July 2023	ISSNNo: 1936-6450	Volume: 16; Issue:5; pp: 2113-2130; DOI: https://doi.org/10.1007/s12083-023-01526-5
10.	Ms. H. Niroshini Infantia	An effective process of VM migration with hybrid heuristic-assisted encryption technique for secured data transmission in cloud environment	Intelligent Decision Technologies	November 2023	ISSNNo: 1872-4981	Volume: 17, Issue: 4, pp: 983 - 1006 DOI: 10.3233/ IDT-230264
11.	Ms. H. Niroshini Infantia	An Efficient and Robust Method for Data Privacy and Security on a Public Cloud Using a Novel Hybrid Technique	Engineering Proceedings	December 2023	ISSNNo: 2673-4591	Vol: 59 Issue: 1, 115;pp:1- 11; https://doi.org/10.3390/engproc2023059115 (https://doi.org/10.3390/engproc2023059115)

12.	Ms. G. Subhashini	Hybrid deep learning technique for optimal segmentation and classification of multi-class skin cancer	The Imaging Science Journal	August 2023	ISSN No: 1368-2199	https://doi.org/10.1080/13682199.2023.2241794 (https://doi.org/10.1080/13682199.2023.2241794)
13.	Mr. M. Karthi	The self-adaptive dwarf mongoose optimized bidirectional network approach for enhanced recognition of overlapped English cursive characters	Signal Image and Video Processing	August 2023	ISSNNo: 1863-1711	Vol:17, Issue:8, pp: 4465-4473 DOI: https://doi.org/10.1007/s11760-023-02680-2
14.		Fluoroscopic Imaging Automation through Linear Regression and Diagnosing through Convolutional Neural Networks	Current Trends in Biotechnology and Pharmacy	Oct 2023	ISSN No: 0973-8916	Vol:17 Supplementary Issue-3B Pp: 1271 – 1277 DOI: 10.5530/ctbp.2023.3s.62
15.	Ms. S. Jeyapriyanga	Energy-efficient intrusion detection system for secure acoustic communication in under water sensor networks	KSII Transactions on Internet & Information Systems	June 2023	ISSNNo: 1976-7277	Vol. 17 Issue 6, p1706-1727. 22p. DOI: 10.3837/tiis.2023.06.010
16.	Ms.A.Nithya	An Evaluation Of The Function Of Information And Communication Technologies In The Spread Of Technical Knowledge; An Employee Centered Analysis	Educational Administration: Theory and Practice	April 2024	ISSN No: 2148-2403	Vol. 30 Issue No. 4 (2024) pp:3826-3831 https://doi.org/10.53555/kuey.v30i4.2127 (https://doi.org/10.53555/kuey.v30i4.2127)
17.		Advancements in Intelligent Systems: Transforming Engineering Applications	International Journal of Intelligent Systems and Applications in Engineering	March 2024	ISSNNo: 2147-679921	Volume: 12 Issue: 21s pp: 3319-3325
18.	Ms. Mary Joseph	Unveiling The Impact Of Chatgpt: From Genesis To Transformational Influence	Educational Administration: Theory and Practice	April 2024	ISSN No: 2148-2403	Vol. 30 No. 4 (2024) pp:6206-6214 https://doi.org/10.53555/kuey.v30i4.2376

19.	Ms.Augasthega	Integrating Intelligent Breach Detection System into 6 g Enabled Smart Grid-Based Cyber Physical Systems	Wireless Personal Communications	May 2024	ISSN No: 1572-834X	https://doi.org/10.1007/s11277-024-11192-2
S.No	Author Name	Paper Title	Conference Name	Month/Year	ISBN/ISSN No	Volume / Issue / Page No

1.	Dr. K. Vijayakumar	Detection of Stroke in Brain CT with Fused Deep-Features and Hummingbird Optimizer	2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICES)	March 2024	ISBN:979-8-3503-1920-0	DOI: 10.1109/ICES60034.2023.10465543 (https://doi.org/10.1109/ICES60034.2023.10465543)
2.		Classification of Rice-Plant Images into Healthy/Disease Class using ResNetV2 Variants	2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICES)	March 2024	ISBN:979-8-3503-1920-0	DOI: 10.1109/ICES60034.2023.10465409
3.		Development of Lightweight Deep-Learning Scheme to Classify Retinal OCT into Normal/DME Class	2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICES)	March 2024	ISBN:979-8-3503-1920-0	DOI: 10.1109/ICES60034.2023.10465364
4.		A Data-driven Predictive Approach Using Custom and Regression Algorithms for Estimating Student's Performance	2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICES)	March 2024	ISBN:979-8-3503-1920-0	DOI: 10.1109/ICES60034.2023.10465335
5.		Hyperledger Iroha for a Secure and Efficient Voting System	2024 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT)	March 2024	ISBN :979-8-3503-2753-3	DOI: 10.1109/IDCIoT59759.2024.10467774
6.		Diadisc: A Machine Learning Approach for Classification and Prediction of Diabetes Mellitus	2023 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2023	March 2024	ISBN: 979-8-3503-4891-0	DOI: 10.1109/ICDSAAI59313.2023.10452633
7.		Neutrino Direction Detection using GNN	2024 International Conference on Cognitive Robotics and Intelligent Systems (ICC - ROBINS)	May 2024	ISBN: 979-8-3503-7274-8	DOI: 10.1109/ICC-ROBINS60238.2024.10534013
8.		Underwater Photography Noise cancellation Using Artificial Intelligence and Deep Learning	2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	August 2023	ISBN: 979-8-3503-1590-5	DOI: 10.1109/ACCAI58221.2023.10200197 (https://doi.org/10.1109/ACCAI58221.2023.10200197)

9.		Information Retrieval using OSINT and GHDB	2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	August 2023	ISBN: 979-8-3503-1590-5	DOI: 10.1109/ACCAI58221.2023.10200057 (https://doi.org/10.1109/ACCAI58221.2023.10200057)
10.		Cosmetic Products Customisation and Customer Segmentation	2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	August 2023	ISBN: 979-8-3503-1590-5	DOI: 10.1109/ACCAI58221.2023.10200286
11.		A Combination of Cloud Radio Accessing Networks and Mobile Computing for Remote Cloud Computing Services	4 th International Conference on Electronics and Sustainable Communication Systems (ICESC) 2023	August 2023	ISBN:979-8-3503-0009-3	DOI: 10.1109/ICESC57686.2023.10193219 (https://doi.org/10.1109/ICESC57686.2023.10193219)
12.	Dr. S. Kalarani	Scalable Computing in Resource Allocation	2 nd International Conference on Edge Computing and Applications (ICECAA 2023)	August 2023	ISBN:979-8-3503-4757-9	DOI: 10.1109/ICECAA58104.2023.10212395 (https://doi.org/10.1109/ICECAA58104.2023.10212395)
13.		Multiauthority Cloud Storage with Secure and Efficient Attribute-Based Access Control	2023 Global Conference on Information Technologies and Communications (GCITC)	April 2024		DOI: 10.1109/GCITC60406.2023.10426217
14.	Dr. D. Logeshwari	An Ensemble Learning Approach Towards Prediction of Diabetic Retinopathy	2023 Seventh International Conference on Image Information Processing (ICIIP)	May 2024		DOI: 10.1109/ICIIP61524.2023.10537626
15.	Dr.F.Sangeetha Francelin Vinnarasi	Monitoring the Quality of Agro Products using NDMSVM Algorithm	2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS)	September 2023	ISBN: 979-8-3503-2579-9	DOI: 10.1109/ICAISS58487.2023.10250656
16.		Landslip Trigger Classification of Global Landslide Catalog Dataset Using Machine Learning Algorithm	2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICES)	March 2024	ISBN:979-8-3503-1920-0	DOI: 10.1109/ICES60034.2023.10465558

17.		Tropical Fire Prediction and Detection Using MLCNN Algorithm	2023 4th International Conference on Smart Electronics and Communication (ICOSEC)	October 2023	ISBN: 978-8-3503-0088-8	DOI: 10.1109/ICOSEC58147.2023.10275892 (https://doi.org/10.1109/ICOSEC58147.2023.10275892)
18.	Ms.Niroshini Infantia	Cyber Attack Classifications Using Supervised Learning Technique	2024 2nd International Conference on Artificial Intelligence and Machine Learning Applications Theme: Healthcare and Internet of Things (AIMLA)	May 2024	ISBN: 979-8-3503-4922-1	DOI: 10.1109/AIMLA59606.2024.10531367
19.	Ms.B.N.Kalpana	Securing Networks: Unleashing the Power of the FT-Transformer for Intrusion Detection	2024 International Conference on Computer, Electrical & Communication Engineering (ICCECE)	April 2024	ISBN:979-8-3503-8647-9	DOI: 10.1109/ICCECE58645.2024.10497252
20.	Dr. L. Javid Ali	Braille Support System through ML	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies	June (15,16),Hyderabad, 2023		ACT 2023; pp: 2590-2596 Grenze ID: 01.GIJET.9.2.372
21.	Mr. S.Sivamohan	NexGuard: Industrial Cyber-Physical System Defense Using Ensemble Feature Selection and Explainable Deep Learning Techniques	2023 2nd International Conference on Futuristic Technologies (INCOFT) (https://ieeexplore.ieee.org/xpl/conhome/10424959/proceeding)	Feb 2024	ISBN:979-8-3503-0885-3	DOI: 10.1109/INCOFT60753.2023.10425412 (https://doi.org/10.1109/INCOFT60753.2023.10425412)
22.	Ms. S. Jeyapriyanga	Implementation of A Deep Learning Framework for Intelligent Intrusion Detection in Internet of Things Networks	2023 5th International Conference on Inventive Research in Computing Applications (ICIRCA)	Aug 2023	ISBN:979-8-3503-2142-5	DOI: 10.1109/ICIRCA57980.2023.10220736
23.	Ms. Mary Joseph	Stock Market Analysis and Portfolio Management	2024 11th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO)	May 2024	ISBN: 979-8-3503-5035-7	DOI: 10.1109/ICRITO61523.2024.10522179

Academic Year 2024- 2025

S.No	Author Name	Paper Title	Journal Name	Month/ Year	ISBN/ISSN No	Volume / Issue / Page No
------	-------------	-------------	--------------	----------------	--------------	--------------------------

1.	Dr. K. Vijayakumar	Integrated global and local feature extraction and classification from computerized tomography (CT) images for lung cancer classification	Bratislava Medical Journal	June 2024	ISSN No: 0006 - 9248	Volume: 124; Issue: 4; doi: 10.4149/BLL_2024_34; PP: 223 – 232
2.		Water quality prediction and classification using Attention based Deep Differential RecurFlowNet with Logistic Giant Armadillo Optimization	Global NEST Journal (https://journal.gnest.org/)	Jan 2025	ISSN No: 1790 - 7632	Volume: 27; Issue: 1; doi: doi.org/10.30955/gnj.06799 ; PP: 1 – 13
3.		Bridging the Gap Between Question and Answer: A Comprehensive Analysis on Medical Question Answering Systems	Journal of Information Systems Engineering and Management	Jan 2025	ISSN No: 2468 - 4376	Volume: 10; Issue: 13s doi: https://doi.org/10.52783/jisem.v10i13s.2023 PP: 198 – 208
4.		Document summarisation using recurrent neural network	International Journal of Advanced Intelligence Paradigms	March 2025	ISSN No: 1755 - 0386	Volume: 30; Issue: 1 doi: https://doi.org/10.1504/IJAIP.2025.144979 PP: 95 – 104

5.		Differential Privacy- Preserving IoT Data Sharing Through Enhanced PSO	Journal of Computer Information Systems	July 2024	ISSN No: 0887-4417	https://doi.org/10.1080/08874417.2024.2364904
6.	Dr. D. Logeshwari	Inclusion of kinesthetics feedback with vision to improve the control of neural activity of the primary motor cortex	Measurement: Sensors	Oct 2024	ISSN No: 2665-9174	Volume 35, Issue 1, pp: 1 – 8. DOI: https://doi.org/10.1016/j.measen.2024.101276 (https://doi.org/10.1016/j.measen.2024.101276)
7.		Classifying Alzheimers Disease Using a Finite Basis Physics Neural Network	Microscopy Research Technique	Dec 2024	ISSN No: 1097-0029	PP: 1–13 https://doi.org/10.1002/jemt.24727 (https://doi.org/10.1002/jemt.24727)
8.		Book Chapter: The Development and Implementation of an Intelligent Transportation System with 5G Capability	Book Title: Recent Trends In Engineering and Science for Resource Optimization and Sustainable Development	Jan 2025	ISBN No: 9781003596721	https://doi.org/10.1201/9781003596721
9.		Dr.L.Javid Ali	Efficient resource allocation in heterogeneous clouds: genetic water evaporation optimization for task scheduling	Signal, Image and Video Processing	July 2024	ISSNNo: 1863-1711
10.	HSSAGWO Scheduler for Efficient Task Scheduling in an IaaS Cloud Computing Environment		International Journal of Intelligent Engineering & Systems	Oct 2024	ISSNNo: 2185-3118	Volume: 17, Issue:5; pp: 118 - 129 DOI: 10.22266/ijies2024.1031.11
11.	Dr.R.Deepa	From leaf to harvest: achieving sustainable agriculture through advanced disease prediction with DBN-EKELM	Journal of the Science of Food and Agriculture	Oct 2024	ISSNNo: 1097-0010	Volume: 104, Issue:13; pp: 8306 - 8320 https://doi.org/10.1002/jsfa.13665 (https://doi.org/10.1002/jsfa.13665)
12.	Dr. Senthilnayaki	Enhancing 5G-VANET Environments with SDN-Based Package Filtering for Improved Networking	International Journal of Computer Networks and Applications	Feb 2025	ISSN No: 2395-0455	Vol. 12 No. 1 (2025) pp:16-26 doi: 10.22247/ijcna/2025/02

13.	Ms. J. Vinisha	Integration of Blockchain and IoT for Enhanced Transparency in Diamond Supply Chain	EAI Endorsed Transactions on Internet of Things	Jan 2025	ISSN No: 2414-1399	Vol. 11 No. 1 (2025) doi: 10.4108/eetiot.7145 pp:1-17
14.	Mr.K.P.Sriram	Efficient Net-deep quantum neural network-based economic denial of sustainability attack detection to enhance network security in cloud	Network: Computation in Neural Systems	June 2024	ISSNNo: 0954-898X	https://doi.org/10.1080/0954898X.2024.2361093
15.	Ms. Mary Joseph	Machine Learning-Based Swarm Optimization for Residential Demand-Based Electricity BOOK CHAPTER	Book Title: Sustainable Smart Homes and Buildings with Internet of Things	Nov 2024	ISBN No: 9781394231522	https://doi.org/10.1002/9781394231522.ch9
16.	Ms. Jetin	PyQDCNN: Pyramid QDCNNet for multi-level brain tumor classification using MRI image	Biomedical Signal Processing and Control	Feb 2025	ISSN No: 1746-8108	Volume 100, Part A, February 2025, 107042 https://doi.org/10.1016/j.bspc.2024.107042 (https://doi.org/10.1016/j.bspc.2024.107042)
S.No	Author Name	Paper Title	Conference Name	Month/ Year	ISBN/ ISSN No	Volume / Issue / Page No

1.	Dr. K. Vijayakumar	Development of a Novel UDL-Model for Dental Abnormality Detection from Digital Photographs	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	ISBN:979-8-3503-6509-2	DOI: 10.1109/ICONSTEM60960.2024.10568692
2.		Virtual Palette: Enhancing Interactive Education through Advanced Object Tracking with OpenCV	2024 International Conference on Computing and Data Science (ICCDs)	June 2024	ISBN:979-8-3503-6533-7	DOI: 10.1109/ICCDs60734.2024.10560432
3.		Automatic Lake and River Detection from Satellite Images Using MobileNet Scheme	2024 International Conference on Science Technology Engineering and Management (ICSTEM)	June 2024	ISBN: 979-8-3503-7691-3	DOI: 10.1109/ICSTEM61137.2024.10560754
4.		Automatic Classification of Plant Leaf Images into Healthy and Disease Class with EfficientNet: A Study	2024 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	July 2024	ISBN:979-8-3503-8944-9	DOI: 10.1109/ACCAI61061.2024.10602232
5.		Automatic Classification of Healthy/TB Chest X-ray using DeepLearning	2024 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	July 2024	ISBN:979-8-3503-8944-9	DOI: 10.1109/ACCAI61061.2024.10601867
6.		Forest Region Extraction and Evaluation from Satellite Images using CNN Segmentation	2024 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	July 2024	ISBN:979-8-3503-8944-9	DOI: 10.1109/ACCAI61061.2024.10602190
7.		Benign/Malignant Skin Melanoma Detection from Dermoscopy Images using Lightweight Deep Transfer Learning	2024 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	July 2024	ISBN:979-8-3503-8944-9	DOI: 10.1109/ACCAI61061.2024.10601855
8.		Experimental Evaluation of Deep Learning Based Liver Cancer Identification Scheme Using Hybrid Classification Logic	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICES)	March 2025	ISBN: 979-8-3315-4362-4	DOI: 10.1109/ICES63760.2024.10910587

9.		Graph Data Science Application in Omni-Channel	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICES)	March 2025	ISBN: 979-8-3315-4362-4	DOI: 10.1109/ICES63760.2024.10910338
10.		Early Detection of Glaucoma Utilizing Retinal Nerve Fiber Layer (RNFL) Investigation	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICES)	March 2025	ISBN: 979-8-3315-4362-4	DOI: 10.1109/ICES63760.2024.10910601
11.	Dr. F.Sangeetha Francelin Vinnarasi	Traffic Congestion Reduction Using Fuzzy Optimization Scheme in Heterogeneous Vehicular Communication Network	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICES)	March 2025	ISBN: 979-8-3315-4362-4	DOI: 10.1109/ICES63760.2024.10910907
12.		Efficient Route Map Selection Using Cat Swarm Optimization with Multi-Hop Communication in Vehicular Adhoc Network	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICES)	March 2025	ISBN: 979-8-3315-4362-4	DOI: 10.1109/ICES63760.2024.10910659
13.		Design and Evaluation of Connectivity Based Home Automation System Based on Arduino	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICES)	March 2025	ISBN: 979-8-3315-4362-4	DOI: 10.1109/ICES63760.2024.10910383
14.	Dr. L. Javid Ali	Performance Enhancement using Q-Learning and Dynamic Clustering in Internet of Things Applications	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICES)	March 2025	ISBN: 979-8-3315-4362-4	DOI: 10.1109/ICES63760.2024.10910263
15.		Urban Planning and Rural Development Using Digital Twins, GIS, and Advanced Imaging Technologies	45th Asian Conference on Remote Sensing, ACRS 2024	Nov 2024	ISBN: 9798331312473	Asian Association on Remote Sensing, Volume: 4 PP: 2547 – 2560

16.		Object Localization and Recognition in High Resolution Satellite Image Using U-Net in CNN	2024 International Conference on E-mobility, Power Control and Smart Systems (ICEMPS)	June 2024	ISBN:979-8-3503-9439-9	DOI: 10.1109/ICEMPS60684.2024.10559293
17.	Ms.Niroshini Infantia	Smart Intelligence-Driven Deep Learning Framework for Reliable Detection and Accurate Classification of Skin Cancer Diseases	2025 International Conference on Electronics and Renewable Systems (ICEARS)	April 2025	ISBN: 979-8-3315-4362-4	DOI: 10.1109/ICEAR64219.2025.10940196
18.	Dr. R. Deepa	A Various Approaches of Machine Learning Algorithms for Kidney Disease Prediction	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	March 2025	ISBN: 979-8-3315-0966-4	DOI: 10.1109/ICSES63760.2024.10910469
19.		Real-Time Blood Pressure Monitoring and Hypertension Prediction based on Multitask Temporal Convolutional Network	2025 International Conference on Intelligent Systems and Computational Networks (ICISCN)	March 2025	ISBN: 979-8-3315-2924-6	DOI: 10.1109/ICISCN64258.2025.10934401
20.	Dr.B. Senthilnayaki	Detection of Facemask and Social Distance Using Deep Learning Algorithm	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	March 2025	ISBN: 979-8-3315-0966-4	DOI: 10.1109/ICSES63760.2024.10910763

21.		Advancing Brain-Computer Interaction: EEG-based Eye Movement Recognition with AI	2024 International Conference on Inventive Computation Technologies (ICICT)	June 2024	ISBN:979-8-3503-5929-9	DOI: 10.1109/ICICT6015.2024.10544675
22.	Ms. N. Gowri Vidhya	Deep Transfer-Learning Assisted Healthy/Disease Strawberry Leaf Images Classification	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	ISBN:979-8-3503-6509-2	DOI: 10.1109/ICONSTEM60960.2024.10568687
23.		Remote Blood Pressure Measurement Through Facial PPG Signals	TENCON 2024 - 2024 IEEE Region 10 Conference (TENCON)	March 2025	ISBN:979-8-3503-5082-1	DOI: 10.1109/TENCON61640.2024.10903082
24.		Classification of Chest Radiographs into Normal and Pneumonia Class Using Fused Deep-Features	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	ISBN:979-8-3503-6509-2	DOI: 10.1109/ICONSTEM60960.2024.10568776
25.	Ms. Manju	DeepSight: Enhancing Deepfake Image Detection and Classification through Ensemble and Deep Learning Techniques	2024 5th International Conference on Image Processing and Capsule Networks (ICIPCN)	September 2024	ISBN: 979-8-3503-6717-1	DOI: 10.1109/ICIPCN63822.2024.00014
26.		Development of AI Tool for Caries Detection from Dental Radiograph	2024 IEEE 12th Region 10 Humanitarian Technology Conference (R10-HTC)	December 2024	ISBN: 979-8-3503-4020-4	DOI: 10.1109/R10-HTC59322.2024.10778745

27.		Efficient Routing Using Improved Ant Colony Optimization for Vehicular Communication in Urban Scenarios	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICESES)	March 2025	ISBN: 979-8-3315-4362-4	DOI: 10.1109/ICESES63760.2024.10910298
28.	Mr. Abijith	An Improved Bat Optimization Algorithm for Knowledge Discovery for Routing and Energy Efficiency in the Internet of Things Environment	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICESES)	March 2025	ISBN: 979-8-3315-4362-4	DOI: 10.1109/ICESES63760.2024.10910486
29.		Towards Precision Cardiovascular Medicine - A Novel Framework for Risk Prediction Using MultiOmics and Imaging Data	2025 International Conference on Automation and Computation (AUTOCOM)	April 2024	ISBN: 979-8-3315-4237-5	DOI: 10.1109/AUTOCOM64127.2025.10956582
30.	Ms. J. Vinisha	Abnormal Events Detection in Surveillance Environments using Machine Learning	2024 International Conference on Science Technology Engineering and Management (ICSTEM)	June 2024	ISBN:979-8-3503-7691-3	DOI: 10.1109/ICSTEM61137.2024.10560687
31.	Ms. A. Saranya	Classification of Retinal Fundus Images into Normal / Diabetic with Fused Deep Features	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	ISBN:979-8-3503-6509-2	DOI: 10.1109/ICONSTEM60960.2024.10568867
32.		Deep-Learning and Geometric Mean Optimizer Combined Scheme for Brain MRI Classification	2024 IEEE 12th Region 10 Humanitarian Technology Conference (R10-HTC)	Dec 2024	ISBN: 979-8-3503-4020-4	DOI: 10.1109/R10-HTC59322.2024.10778777

33.	Ms. Augasthega	Detection of Foot-Ulcer from Digital Photographs using MobileNet Variants with Features Fusion	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	June 2024	ISBN:979-8-3503-6509-2	DOI: 10.1109/ICONSTEM60960.2024.10568675
34.		Advancing Human Action Recognition: A Hybrid Approach Employing Autoencoder and Transfer Learning Techniques	2024 7th International Conference on Circuit Power and Computing Technologies (ICCPCT)	September 2024	ISBN: 979-8-3503-7281-6	DOI: 10.1109/ICCPCT61902.2024.10672808

35.	Mr. K. P. Sriram	Transforming Agriculture: A Synergistic Approach Integrating Topology with Artificial Intelligence and Machine Learning for Sustainable and Data-Driven Practice	2024 2nd International Conference on Sustainable Computing and Smart Systems (ICSCSS)	August 2024	ISBN: 979-8-3503-7999-0	DOI: 10.1109/ICSCSS60660.2024.10625446
36.		Intelligent Irrigation Mechanism to Enhance the Sensor Network Topology by Using Machine Learning and Artificial Intelligence	2024 Second International Conference on Advances in Information Technology (ICAIT)	Oct 2024	ISBN: 979-8-3503-8386-7	DOI: 10.1109/ICAIT61638.2024.10690523
37.		Advancing Personalized Recommendation Systems with a Groundbreaking Collaborative Filtering Algorithm Driven by Machine Learning	2024 Second International Conference on Advances in Information Technology (ICAIT)	Oct 2024	ISBN: 979-8-3503-8386-7	DOI: 10.1109/ICAIT61638.2024.10690603
38.		Leveraging Block-DAO Integration for Sustainable Smart Manufacturing: Operational Efficiency, Supply Chain Transparency, and Data Security Implications	International Conference on Sustainable Development through Machine Learning, AI and IoT Book Series: Communications in Computer and Information Science	Sep 2024	ISBN: 978-3-031-71729-1	DOI: https://doi.org/10.1007/978-3-031-71729-1_19 CCIS Volume: 2196, pp: 202- 217
39.		Developing an Adaptive Security Framework for Real-Time Threat Detection and Response in Cloud-Network Systems	2024 International Conference on Cybernation and Computation (CYBERCOM)	December 2024	ISBN: 979-8-3315-4234-4	DOI: 10.1109/CYBERCOM63683.2024.10803141
40.		Unlocking Complex Patterns Through the Power of Deep Learning for Advanced Data Analysis and Prediction	2024 International Conference on Cybernation and Computation (CYBERCOM)	December 2024	ISBN: 979-8-3315-4234-4	DOI: 10.1109/CYBERCOM63683.2024.10803222

41.		Exploring the Potential of Quantum Computing for Revolutionary Problem-Solving and Computational Advancements	2024 International Conference on Cybernation and Computation (CYBERCOM)	December 2024	ISBN: 979-8-3315-4234-4	DOI: 10.1109/CYBERCOM63683.2024.10803249
42.	Ms. Nithya	Optimizing Smart Methane Farms: Intelligent Waste Sorting for Maximum Biogas Yield through Naive Bayes and IoT Integration	10 th International Conference on Communication and Signal Processing- ICCSP 2024	June 2024	ISBN:979-8-3503-5306-8	DOI: 10.1109/ICCSPP60870.2024.10544271
43.		Advancing Bike Sharing Security with SVM and IoT-Enabled Tracking and Anti-Theft Measures	2024 2nd International Conference on Sustainable Computing and Smart Systems (ICSCSS)	August 2024	ISBN: 979-8-3503-7999-0	DOI: 10.1109/ICSCSS60660.2024.10625130
44.		Banking Security and Customer Experience: Cloud Computing-Enabled KYC in the Digital Era using ANN Model	2024 International Conference on Electrical Electronics and Computing Technologies (ICEECT)	November 2024	ISBN: 979-8-3503-7809-2	DOI: 10.1109/ICEECT61758.2024.10739221
45.		Advancing Epilepsy Care with Neuro-Integrated Predictive Monitoring and Patient Wellbeing Using RNN Model	2024 10th International Conference on Smart Computing and Communication (ICSCC)	October 2024	ISBN: 979-8-3503-6310-4	DOI: 10.1109/ICSCC62041.2024.10690303
46.		IoT-Enabled Table Turnover for Dining Experiences with AdaBoost Algorithm	2024 Asia Pacific Conference on Innovation in Technology (APCIT)	September 2024	ISBN: 979-8-3503-6153-7	DOI: 10.1109/APCIT62007.2024.10673632

47.	Ms. Mary Joseph	Convolutional-Neural Network Bases Speaker Emotion Detection Based on Human-Computer Interaction	2025 First International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies (CE2CT)	April 2025	ISBN: 979-8-3315-1857-8	DOI: 10.1109/CE2CT64011.2025.10939767
48.	Mr. P. N. Karthikayan	Enhancing Energy Efficiency in WSN Through Multiple Cluster Head Selection and Fuzzy Logic	2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)	July 2024	ISBN: 979-8-3503-7156-7	DOI: 10.1109/AMATHE61652.2024.10582197
49.		Arrhythmia Detection and Classification with Hybrid Deep Learning with Pity Beetle Optimization Model	2024 Second International Conference on Advances in Information Technology (ICAIT)	October 2024	ISBN: 979-8-3503-8386-7	DOI: 10.1109/ICAIT61638.2024.10690367
50.	Mr. Najeem Dheen	Kidney Stone Classification using Machine Learning Models on CT Images	2024 First International Conference on Software, Systems and Information Technology (SSITCON)	December 2024	ISBN: 979-8-3503-5293-1	DOI: 10.1109/SSITCON62437.2024.10796815
51.		Emotion Detection and Psychological Prediction Using Capsule Networks and Recurrent Neural Networks	2024 4th International Conference on Mobile Networks and Wireless Communications (ICMNWC)	February 2025	ISBN: 979-8-3315-2834-8	DOI: 10.1109/ICMNWC63764.2024.10872330
52.	Mr. G. Praveen Kumar	Cutting-Edge Solutions Exploring the Experimental Possibilities of Route Optimization with Wireless Sensor Networks	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	March 2025	ISBN: 979-8-3315-4362-4	DOI: 10.1109/ICSES63760.2024.10910808
53.		Unveiling Textile Defects a Novel Fabric Defect Identification Based on Integrated Image Processing with Logical Learning Scheme	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	March 2025	ISBN: 979-8-3315-4362-4	DOI: 10.1109/ICSES63760.2024.10910829

54.	Ms. Shanthi	Blockchain-Enabled Quality Assurance and Traceability in the Indian Confectionery Market	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	March 2025	ISBN: 979-8-3315-4362-4	DOI: 10.1109/ICSES63760.2024.10910618
-----	-------------	--	---	------------	-------------------------	---------------------------------------

Academic Year 2025- 2026

S.No	Author Name	Paper Title	Journal Name	Month/ Year	ISBN/ISSN No	Volume / Issue / Page No
1.	Dr. K Vijayakumar	Classification of chest radiographs into healthy/pneumonia using Harris-Hawks Algorithm optimized deep-features	Discover Computing	May 2025	2948-2992	28/115
2.	Dr. D Logeshwari	QuantumBlock health records: enhancing healthcare data security with quantum cryptography and blockchain technology	Cluster Computing (2025)28:474 https://doi.org/10.1007/s10586-025-05101-w (https://doi.org/10.1007/s10586-025-05101-w)	August 2025		28/ 474
3.	Dr. F. Sangeetha Francelin Vinnarasi	An Energy Efficient Data Transmission in WSN Using Fuzzy-Based Hybrid Philippine Eagle Tasmanian Devil Optimization	International Journal of Communication Systems	June 2025		Volume38, Issue10
4.	Dr. R. Deepa	Addressing Security Threats Using Attention Recurrent Bidirectional Network-Based Crossover Prairie Dog Algorithm Interconnected System	IETE Journal of Research / Taylor & Francis	June 2025		
5.		Predicting drug-target affinity through triple pre-activated random residual planet convolution coupled attention network and contact maps	Journal of Computer-Aided Molecular Design https://doi.org/10.1007/s10822-025-00667-4	Oct 2025		
6.	Dr.B.Senthilnayagi	Quantum-enhanced data fusion framework for early detection and intervention of goodpasture syndrome (GPS).	International Journal of Information Technology https://doi.org/10.1007/s41870-025-03093-9	Jan 2026		
7.		Dual-Channel Temporal Graph Attention Network for Forecasting Sodium Hazard in Irrigation Water Systems	Irrigation and Drainage https://doi.org/10.1002/ird.70125 (https://doi.org/10.1002/ird.70125)	April 2026		
8.	Ms. N. Gowri Vidhya	AI in Real-Time Video Surveillance Systems	2025 Global Conference in Emerging Technology (GINOTECH) DOI: 10.1109/GINOTECH63460.2025.11077074 (https://doi.org/10.1109/GINOTECH63460.2025.11077074)	17 July 2025	Electronic ISBN:979-8-3315-0775-6	^h (https://ieeexplore.ieee.org/document/11077074) (https://ieeexplore.ieee.org/document/11077074)
9.	Ms.A.Nithya	Optimizing Sleep Disorder Classification:A Synergy of Bayesian Optimization and Gradient Boosting Classifier 10.1109/ICDSAAI65575.2025.11011758	2025 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2025	July 2025	ISBN979-833153755-5	

10.	Mrs P Shanthi	Revolutionizing Urban Living: Integrating 6G and Blockchain in Smart City Development	IGI Global Scientific Publishing (Book Chapter)	May 2025	ISBN13: 9798369380291 ISBN13	Pages:199-236
11.	Ms.A.Benazir Begum	Streamlined attention for insect pest classification :leveraging FSAN	Multimedia Tools and Applications	June 2025	1380-7501	

S.No	Author Name	Paper Title	Conference Name	Month/ Year	ISBN/ ISSN No	Volume / Issue / Page No
1.	Dr. K Vijayakumar	Detection of Benign/Malignant Breast Cancer with ResNet Models (https://ieeexplore.ieee.org/abstract/document/11172205/)	2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN)	July 2025		1-5
2.		Flood Region Segmentation from Digital Image with Deep Learning Scheme (https://ieeexplore.ieee.org/abstract/document/11172161/)	2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN)	July 2025		1-5
3.		Detection of Tuberculosis from Chest X-ray using Deep Transfer Learning (https://ieeexplore.ieee.org/abstract/document/11172052/)	2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN)	July 2025		1-5
4.		Breast Cancer Detection from Mammogram with Deep Features Fusion (https://ieeexplore.ieee.org/abstract/document/11171868/)	2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN)	July 2025		1-5
5.		The Absolute Significant Model of Breast Tumor Speculation Using OO-RPC Model (https://ieeexplore.ieee.org/abstract/document/11020426/)	2025 International Conference on Computing and Communication Technologies (ICCT)	April 2025		1-6
6.		Deep Transfer Learning Framework for Brain Tumor Detection in MRI Slices: A Study (https://ieeexplore.ieee.org/abstract/document/11032006/)	2025 International Conference on Frontier Technologies and Solutions (ICFTS)	March 2025		1-6
7.	Dr. D Logeshwari	Prevalence and Characteristics of Children with Autism-Spectrum Disorders based on Hybrid RBF-ELMAN Approach	3rd International Conference on Data Science and Information System Icdsis 2025	July 2025	979-8-3315-4265-8	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=11070324 (https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=11070324)
8.	Dr. F. Sangeetha Francelin Vinnarasi	Transforming Circular Economy Models Through Data Analytics:A Predictive and Real Time Approach	2025 International Conference on Data Science, Agents & Artificial Intelligence (ICDSAAI)	June 2025	979-8-3315-3755-5	https://ieeexplore.ieee.org/document/11011688 (https://ieeexplore.ieee.org/document/11011688)
9.	Dr. H. Niroshini Infantia	Empowering IoT Cyber Network Attacks Using Machine Learning	8th International Conference on Trends in Electronics and Informatics (ICOEI) (https://ieeexplore.ieee.org/xpl/conhome/11012673/proceeding)	April 2025	979-8-3315-4460-7	10.1109/ICOEI65986.2025.11013580 (https://doi.org/10.1109/ICOEI65986.2025.11013580) pp. 90-96
10.		Deep Learning Algorithms for Cloud-Based IOT Healthcare Systems	8th International Conference on Circuit Power and Computing Technologies Iccpct 2025	August 2025	979-8-3315-4317-4	10.1109/ICCPCT65132.2025.11176582
11.		Hybrid Machine Learning Frameworks: Integrating Quantum and Classical Approaches for IOT	Global Conference in Emerging Technology (GINOTECH)	July 2025	979-8-3315-0775-6	10.1109/GINOTECH63460.2025.11077093
12.		Robust Attendance Management System using HOG-based Face Detection and Facial Encoding	6th International Conference on Electronics and Sustainable Communication Systems (ICESC)	October 2025	2996-5357	10.1109/ICESC65114.2025.11212400

13.	Dr. R. Deepa	Real-Time Blood Pressure Monitoring and Hypertension Prediction based on Multitask Temporal Convolutional Network	2025 International Conference on Intelligent Systems and Computational Networks	January 2025	979-8-3315-2925-3	10.1109/ICISCN64258.2025.10934401 (https://doi.org/10.1109/ICISCN64258.2025.10934401)
14.		Hybrid Deep Learning Approach for Image Captioning: Integrating ResNet50 and GloVe with LSTM	2025 International Conference on Frontier Technologies and Solutions (ICFTS) (https://ieeexplore.ieee.org/xpl/conhome/11031248/proceeding)	March 2025	979-8-3315-0277-5	10.1109/ICFTS62006.2025.11031572 (https://doi.org/10.1109/ICFTS62006.2025.11031572)
15.	Dr. B. Senthilnayagi	Diabetic Retinopathy Detection in Retinal OCT Images with Fused ResNet Features	2025 International Conference on Frontier Technologies and Solutions (ICFTS) (https://ieeexplore.ieee.org/xpl/conhome/11031248/proceeding)	27 March 2025	979-8-3315-0277-5	10.1109/ICFTS62006.2025.11031823 (https://doi.org/10.1109/ICFTS62006.2025.11031823)
16.		GPS- based Buggy Tracking System	International Conference on Human-Centric Smart Computing (https://link.springer.com/conference/ichcsc)- Human- Centric Smart Computing	29 July 2025	978-981-96-3420-0	https://doi.org/10.1007/978-981-96-3420-0_19 (https://doi.org/10.1007/978-981-96-3420-0_19)
17.	Dr.G. Mahalakshmi	Tuberculosis Detection in X-ray with Two-fold Training and Fused Deep Features based Classification	2025 International Conference on Frontier Technologies and Solutions (ICFTS) (https://ieeexplore.ieee.org/xpl/conhome/11031248/proceeding)	March 2025	979-8-3315-0276-8	10.1109/ICFTS62006.2025.11031886 (https://doi.org/10.1109/ICFTS62006.2025.11031886)
18.		Advanced Tamil Character Recognition using Generative Adversarial Networks and Augmented Realit (https://scholar.google.com/scholar?oi=bibs&cluster=8818689830159196525&btnl=1&hl=en) (https://scholar.google.com/scholar?oi=bibs&cluster=8818689830159196525&btnl=1&hl=en)	2025 International Conference on Data Science, Agents & Artificial Intelligence (ICDSAAI) (https://ieeexplore.ieee.org/xpl/conhome/11011562/proceeding)	28 March 2025	979-8-3315-3755-5	10.1109/ICDSAAI65575.2025.11011774 (https://doi.org/10.1109/ICDSAAI65575.2025.11011774)
19.		I (https://scholar.google.com/scholar?oi=bibs&cluster=2380056682560287216&btnl=1&hl=en)mproved Rainfall Prediction using Fuzzy Logic and Deep Learning Techniques (https://scholar.google.com/scholar?oi=bibs&cluster=2380056682560287216&btnl=1&hl=en)	4th International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS)	13 Feb 2025	979-8-3315-2963-5	10.1109/ICUIS64676.2024.10867034
20.	Ms. N. Gowri Vidhya	AI in Real-Time Video Surveillance Systems	2025 Global Conference in Emerging Technology (GINOTECH)DOI: 10.1109/GINOTECH63460.2025.11077074 (https://doi.org/10.1109/GINOTECH63460.2025.11077074) 9-11 May 2025	17 July 2025	Electronic ISBN:979-8-3315-0775-6	https://ieeexplore.ieee.org/document/11077074 (https://ieeexplore.ieee.org/document/11077074)
21.	Ms.Mary Joseph	Parkinsons Disease Screening with Spiral-Hand-Sketch: A Study with MobileNet and KNN	2025 International Conference on Frontier Technologies and Solutions (ICFTS)	March 2025	979-8-3315-0276-8	10.1109/ICFTS62006.2025.11031582 (https://doi.org/10.1109/ICFTS62006.2025.11031582) pp. 1-6
22.		Enhancing Tuberculosis Identification using Ensemble Deep Learning with Edge Detection	2025 3rd International Conference on Data Science and Information System (ICDSIS) (https://ieeexplore.ieee.org/xpl/conhome/11069373/proceeding)	May 2025	979-8-3315-4265-8	10.1109/ICDSIS65355.2025.11071161 (https://doi.org/10.1109/ICDSIS65355.2025.11071161) pp. 1-6

Outcome: Publications by Students

Academic Year 2023- 2024

S.No	Author Name	Title of the Paper	Name of Journal/Conference	Month & Year
------	-------------	--------------------	----------------------------	--------------

1.	Selvakumar V	An Ensemble Learning Approach Towards Prediction of Diabetic Retinopathy	2023 Seventh International Conference on Image Information Processing (ICIIP)	May 2024
2.	Menaga M	A Combination of Cloud Radio Accessing Networks and Mobile Computing for Remote Cloud Computing Services	4 th International Conference on Electronics and Sustainable Communication Systems (ICESC) 2023	August 2023
3.	Carmel Mary Belinda M. J.	Tropical Fire Prediction and Detection Using MLCNN Algorithm	2023 4th International Conference on Smart Electronics and Communication (ICOSEC)	October 2023
4.	Revathi M	Cyber Attack Classifications Using Supervised Learning Technique	2024 2nd International Conference on Artificial Intelligence and Machine Learning Applications Theme: Healthcare and Internet of Things (AIMLA)	May 2024
5.	Saraniya S	Securing Networks: Unleashing the Power of the FT-Transformer for Intrusion Detection	2024 International Conference on Computer, Electrical & Communication Engineering (ICCECE)	April 2024
6.	J K Keerthana (https://ieeexplore.ieee.org/author/747007806000973)	Stock Market Analysis and Portfolio Management	International Conference on Reliability, Infocom Technologies and Optimization (ICRITO) (Trends and Future Directions) 2024	March 2024
7.	Krishnaveni S	NexGuard: Industrial Cyber-Physical System Défense Using Ensemble Feature Selection and Explainable Deep Learning Techniques	2023 2nd International Conference on Futuristic Technologies (INCOFT) (https://ieeexplore.ieee.org/xpl/conhome/10424959/proceeding)	Feb 2024

Academic Year 2024- 2025

S.No	Author Name	Title of the Paper	Name of Journal/Conference	Month & Year
1.	Hemamalini S	Automated Vehicle Entry Management System using ANPR and OCR Technologies	Grenze International Journal of Engineering and Technology, January Issue	Feb 2025
2.	Nithyasree A	Predicting Guillain-Barre Syndrome: A Machine Learning Approach using Nerve Conduction Study	Grenze International Journal of Engineering and Technology, January Issue	Feb 2025
3.	Ramkumar R	Hybrid Models for Classifying Liver Cirrhosis with SVM and Xgboost Algorithms	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSSES) (https://ieeexplore.ieee.org/xpl/conhome/10910258/proceeding)	12-13 December 2024
4.	Rohith Chellakumar B (https://ieeexplore.ieee.org/author/498017657343748)	Yield Prediction with AIML and Digital Twin Technology	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSSES) (https://ieeexplore.ieee.org/xpl/conhome/10910258/proceeding)	12-13 December 2024
5.	Boomesh G	Phishing Website Identification via Kit Analysis	Grenze International Journal of Engineering and Technology, January Issue	Feb 2025
6.	B Priya Dharshini (https://ieeexplore.ieee.org/author/525444339621349)	Integrating Machine Learning and Epidemiological Data to Forecast Zoonotic Disease Outbreaks from Avian Influenza and Other Animal	2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSSES) (https://ieeexplore.ieee.org/xpl/conhome/10910258/proceeding)	December 2024
7.	Kavithanjali. S. K	Simulation Framework for Designing Continuous Room Monitoring Human Activity Recognition using CNN	GRENZE International Journal of Engineering and Technology	June 2025

Academic Year 2025- 2026

S.No	Author Name	Title of the Paper	Name of Journal/Conference	Month & Year
------	-------------	--------------------	----------------------------	--------------

1.	Abirami. K	Enhanced Thyroid Cancer Detection Using a Hybrid Model by Deep Learning Methods	2025 International Conference on Recent Innovation in Science Engineering and Technology (ICRISET)	August 2025
2.	Harsha A	Estimation of a Prolonged Release NPK Fertilizer with Humic Acid and Zeolite for Optimizing Nutrient Retention for Yield in Vegetative Crops	2025 2nd International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)	October 2025
3.	Akshai Maran M	Real-Time Student Dropout Prediction in Online Education Using a Hybrid Naive Bayes-SVM	2025 2nd International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)	October 2025
4.	Akshara Meenu R	Detecting Fake News: An Innovative and Effective Approach to Combating Misinformation in todays Digital World	2025 Tenth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	November 2025
5.	P Albine Peterson	Enhancing Early Detection of Parkinson's Disease with Deep Learning: Insights from Xception, CNN, and RNN Architectures	2025 10th International Conference on Smart Structures and Systems (ICSSS)	12-13 December 2025
6.	Aldrin Lijo E M	Transformer-Based Role-Aware Virtual Assistant for Smart Campus Interaction	2025 International Conference on Recent Innovation in Science Engineering and Technology (ICRISET)	August 2025
7.	Krishika S	A Predictive Study on Early Alzheimers Diagnosis Using Statistical Learning Methods	2025 Fourth International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN)	20-21 November 2025
8.	Jayasiddharth K R	Yoga Pose Classification Using CNN With MobileNet	2025 International Conference on Recent Innovation in Science Engineering and Technology (ICRISET)	August 2025
9.	Augasthega R	Lendrlly: A Peer-to-Peer Lending Platform Integrated with Apriori-Based Personalized Recommendations	2025 2nd International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)	October 2025
10.	Kavya. K	Detection of Plant Disease Using Image Classification	2025 2nd International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)	October 2025
11.	K. Asika	RetinoAI: Smart Screening for Diabetic Retinopathy with EfficientNetV2	2025 2nd Asia Pacific Conference on Innovation in Technology (APCIT)	19-20 September 2025
12.	Dinesh Kanna R	Predictive Vehicle Maintenance Using Simulated Industrial Conditions	2025 2nd International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)	October 2025
13.	Harini Shree S	Harnessing Physicochemical Data for Wine Age Forecasting	2025 2nd International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)	October 2025
14.	Lokesh S (https://ieeexplore.ieee.org/author/37089963431)	Decentralized Identity Verification using Zero-Knowledge Proofs: A Privacy-Preserving Authentication Framework	2025 2nd International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF) (https://ieeexplore.ieee.org/xpl/conhome/11373937/proceeding)	October 2025
15.	J. Barnabass Paul Gladly (https://ieeexplore.ieee.org/author/37088340543)	Segmentation and Evaluation of Water-Bodies from Satellite Images	2025 International Conference on Recent Innovation in Science Engineering and Technology (ICRISET) (https://ieeexplore.ieee.org/xpl/conhome/11251381/proceeding)	August 2025
16.	Prince A (https://ieeexplore.ieee.org/author/37089175331)	Expressive Text-to-Speech Using LSTM Acoustic Model and EmoV-DB for Emotion-Rich Voice Synthesis	2025 2nd International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF) (https://ieeexplore.ieee.org/xpl/conhome/11373937/proceeding)	October 2025

PART E: First Year faculty and financial Resources
(Data to be filled in for the first year course faculty and budget allocation and utilization)

E1. First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8) + (NS2*0.2))/(No. of required faculty (RF4)); Percentage= ((NS1*0.8) + (NS2*0.2))/RF
2023-24(CAYm2)	960	48	32	86	89
2024-25(CAYm1)	1020	51	36	99	95
2025-26(CAY)	1020	51	35	104	96

E2. Budget Allocation, Utilization, and Public Accounting at Institute Level

Table No. E2.1: Budget and actual expenditure incurred at Institute level.

Items	Budgeted in 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Infrastructure Built-Up	125500000	84757105	50000000	44935333	20000000	23113703	59860000	54425570
Library	15000000	14849232	5720000	2140780	5110000	4653743	5300000	4870271
Laboratory equipment	7000000	7038753	11008000	6244352	6220000	5658624	7110000	6470885
Teaching and non-teaching staff salary	320400000	337485736	337500000	304046226	237300000	215784217	192200000	174743151
Outreach Programs	780500	717750	192000	181792	3346000	3041993	1010000	2032872
R&D	755000	748838	50000	4162900	119000	0	79000	72342
Training, Placement and Industry linkage	30820800	30186548	6373000	18987295	24240000	22037209	198000	180000
SDGs	2800000	2903539	700300	690201	3040000	2041715	2052000	152826
Entrepreneurship	450500	490547	801000	769893	1260000	1152417	1413000	1041528
Others, specify	22300000	27872571	17500000	82240027	129000000	84129309	23700000	22400076
Total	525806800	507050619	429844300	464398799	429635000	361612930	292922000	266389521

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

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

Items	Budgeted in 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Laboratory equipment	500000	418454	3600000	3540000	300000	399000	902500	878273
Software	1000000	993779	100000	993779	100000	467250	140000	132000
SDGs	300000	212515	200000	144043	100000	80000	10000	6000
Support for faculty development	1444500	1237500	376000	337000	70000	64000	15000	10000

R & D	2755000	2453344	1500000	1126000	1500000	1126000	500000	400000
Industrial Training, Industry expert, Internship	1998500	1971000	1777500	1162500	961500	949500	788000	756600
Miscellaneous Expenses*	174000	260000	238000	223555	533000	226695	316500	396805
Total	8172000	7546592	7791500	7526877	3564500	3312445	2672000	2579678