

#### 4.5.2 Publication of Technical Magazines, Newsletters, etc. (5)

**Newsletter:** It showcases student participation in various activities, including GATE training programs, online certification and achievements. The newsletter provides an overview of final-year student placements and highlights the co-curricular and extracurricular accomplishments, creativity of notable students. The department newsletter, published once in every semester, features articles highlighting faculty contributions to research and academic achievements. It also covers department activities such as workshops, guest lectures, and conferences.

**Magazine:** The purpose of the magazine is to provide a platform for students and faculty members to share their technical and non-technical perspectives and showcase their skills, such as poetry, pencil sketches, and photography. The magazine serves as a bridge between academic learning and recent trends and developments, while also highlighting extracurricular activities to promote the holistic development of students. It is managed by the students, for the students, to help them achieve their goals. The sample newsletter and magazine are shown in Figure 4.1 to 4.5.

**Table 4.15 Details of Editors and Contributions**

Academic Year	Chief Editors	Student Editors	Roll No/Year	Contribution by Students	Publisher Details
<b>Newsletter</b>					
2024-2025	Dr.C.Kumar Professor & Head/EEE Mr.M.Muthukumaran, AP/EEE	Ms. Rupasri A Mr. Partha Sarathy S Mr. Ruthresh S Ms. Eswari E Ms. Vishnu Priya R Mr. Dhaneswaran D Mr. Pannerselvam A Mr. Nandhakumar A Ms. Divyashree Y	717823E245/II 717823E240/II 717823E147/II 717823E116/II 717822E260/III 717822E208/III 717823E503/III 717821E149/IV 717821E116/IV	Editorial Team, Proof Reading, Illustrations and design, articles, events etc.	Department of EEE, Karpagam College of Engineering
2023-2024	Dr.C.Kumar, Professor & Head/EEE Mr.M.Muthukumaran, AP/EEE	Ms. Vishnu Priya R Mr. Dhaneswaran D Mr. Pannerselvam A Mr. Nandhakumar A Ms. Divyashree Y Ms.Prethashree.U Mr.Subash.V.K Mr.Anand Kumar.V.P	717822E260/II 717822E208/II 717823E503/II 717821E149/III 717821E116/III 20E133/IV 20E242/IV 21E603/IV		

2022-2023	Dr. V. Tamilselvan, Professor & Head/EEE Mr.M.Muthukumaran, AP/EEE	Mr.SabarishShetty.G Ms.Gayathri .S.Y Mr.Varun.V Ms.Prethashree.U Mr.Subash.V.K Mr.Anand Kumar.V.P	19E130/IV 19E211/IV 20E148/III 20E133/III 20E242/III 21E603/III		
<b>Magazines</b>					
2023-2024	Dr.C.Kumar Professor & Head/EEE Mr.M.Muthukumaran, AP/EEE	Ms. Vishnu Priya R Mr. Dhaneswaran D Mr. Pannerselvam A Mr. Nandhakumar A Mr. Divyashree Y Ms.Prethashree.U Mr.Subash.V.K Mr.Anand Kumar.V.P	717822E260/II 717822E208/II 717823E503/II 717821E149/III 717821E116/III 20E133/IV 20E242/IV 21E603/IV	Editorial Team, Proof Reading, Illustrations and design, articles, events etc.	Departme nt of EEE, Karpagam College of Engineeri ng
2022-2023	Dr. V. Tamilselvan, Professor & Head/EEE	Mr.SabarishShetty.G Ms.Gayathri .S.Y Mr.Varun.V Ms.Prethashree.U Mr.Subash.V.K Mr.Anand Kumar.V.P	19E130/IV 19E211/IV 20E148/III 20E133/III 20E242/III 21E603/IV		
2021-2022	Dr. V. Tamilselvan Professor & Head/EEE Ms. Sruthi, AP/EE	Mr.DhineshKumar.A Ms.JananiPreethi.R Mr.SabarishShetty.G Ms.Gayathri .S.Y Mr.Varun.V Ms.Prethashree.U Mr.Subash.V.K Mr.Anand Kumar.V.P	18E109/IV 18E215/IV 19E130/III 19E211/III 20E148/II 20E133/II 20E242/II 21E603/II		



EDITORIAL COMMITTEE		
Chief Patron	Dr.R.Vasanthakumar	Chairman and Managing Trustee, Karpagam Institutions
Patron	Shri.K.Murugaiah	Chief Executive Officer, Karpagam Institutions
Chairman	Dr.V.Kumar Chinnaiyan	Principal, Karpagam College of Engineering
Editor-in Chief	Dr.C.Kumar	Professor & Head, Electrical and Electronics Engineering, Karpagam College of Engineering
Editor	Mr.M.Muthukumaran	Assistant Professor, Electrical and Electronics Engineering, Karpagam College of Engineering
Student Editors	Ms. Vishnu Priya R Mr. Dhaneswaran D Mr. Pannerselvam A Mr. Nandhakumar A Mr. Divyashree Y Ms. Prethashree.U Mr. Subash.V.K Mr. Anand Kumar.V.P	Electrical and Electronics Engineering, Karpagam College of Engineering

Figure 4.1 EEE Newsletters - Sample



EDITORIAL COMMITTEE		
Chief Patron	Dr.R.Vasanthakumar	Chairman and Managing Trustee, Karpagam Institutions
Patron	Shri.K.Murugaiah	Chief Executive Officer, Karpagam Institutions
Chairman	Dr.V.Kumar Chinnaiyan	Principal, Karpagam College of Engineering
Editor-in Chief	Dr.V.Tamilselvan	Professor & Head, Electrical and Electronics Engineering, Karpagam College of Engineering
Editor	Mr.M.Muthukumaran	Assistant Professor, Electrical and Electronics Engineering, Karpagam College of Engineering
Student Editors	Mr.SabarishShetty.G Ms.Gayathri.S.Y Mr.Varun.V Ms.Prethashree.U Mr.Subash.V.K Mr.Anand Kumar.V.P	Electrical and Electronics Engineering, Karpagam College of Engineering

Figure 4.2 EEE Newsletters - Sample



### DEPARTMENT ACTIVITIES

- Organized the Career Awareness Programme to KCEians by KCEians fir II year on 12th August 2022
- Organized the Career Awareness Programme to KCEians by KCEians fir III year on 13th August 2022
- Organized the Career Awareness Programme to KCEians by KCEians fir II year on 13th August 2022
- Organized the Career Awareness Programme to KCEians by KCEians on 20th August 2022
- Organized the Career Awareness Programme to KCEians by KCEians fir III year on 23th August 2022
- Organized a Two days Workshop on "Systematic Knowledge Enrichment Programme on AUTOCAD – Electrical"(SKEP) on 24th and 26th September 2022.
- Organized the Alumni Interaction for III year students on 24th September 2022
- Organized the Alumni Interaction for II year students on 24th September 2022

- Organized the Alumni meet of 2021 batch on 15th October 2022.
- Organized a Value Added Course on "Python for Electrical Sciences" from 26th September to 6th November 2022.
- Organized the Workshop on "Python for Electrical Sciences" on 28th October 2022.
- Conducted the Anti Ragging Awareness programme for II EEE students on 17th November 2022.
- Conducted the Alumni interaction for III EEE students on 24th November 2022.
- Conducted the Alumni interaction for II EEE students on 25th November 2022.



Career Awareness program, KARPAGAM COLLEGE OF ENGINEERING  
 E- BLOCK, Myleripalayam, Tamil Nadu 641032, India  
 Lat 10.877146°  
 Long 77.020525°  
 13/08/22 02:37 PM

Figure 4.3 EEE News letter - Sample



**KARPAGAM**  
COLLEGE OF ENGINEERING  
Rediscover | Refine | Redefine  
Accredited by NAAC with 'A+' grade  
Autonomous | Affiliated to Anna University  
(An ISO 9001:2015 and ISO 14001:2015 Certified Institution)

**IMPULSE 24K**



**MAGAZINE 2024-2025**

### EDITORIAL COMMITTEE

Chief Patron	Dr.R.Vasanthakumar	Chairman and Managing Trustee, Karpagam Institutions
Patron	Shri.K.Murugaiah	Chief Executive Officer, Karpagam Institutions
Chairman	Dr.V.Kumar Chinnaiyan	Principal, Karpagam College of Engineering
Editor-in Chief	Dr.C.Kumar	Professor & Head, Electrical and Electronics Engineering, Karpagam College of Engineering
Editor	Mr.M.Muthukumar	Assistant Professor, Electrical and Electronics Engineering, Karpagam College of Engineering
Student Editors	Ms. Rupasri A Mr. Partha Sarathy S Mr. Ruthresh S Ms. Eswari E Ms. Vishnu Priya R Mr. Dhaneswaran D Mr. Pannerselvam A Mr. Nandhakumar A Mr. Divyashree Y	Electrical and Electronics Engineering, Karpagam College of Engineering

Figure 4.4 EEE Magazine – Sample



**Figure 4.5 EEE Magazine - Sample**

#### 4.5.3 Participation in Inter and Intra Institute Events by Students (10)

Students are encouraged to participate in various inter-institute events and showcase their technical competencies and talents. Students are motivated to publish their final project work in reputed international and national journals and conferences. With the knowledge gained from their curriculum, students attend events within and outside the state, leading to several prizes and awards. The department is committed to implementing Outcome-Based Education (OBE) practices, ensuring that students develop the necessary competencies. Additionally, students are encouraged to stay updated with recent trends through online courses on recognized e-learning platforms. The number of participants in various category of events is shown in Table 4.16, Table 4.17 shows Extra curricular activities and achievements of students and the student publication details are presented in Table 4.18.

#### Students Journal Publications

Students are encouraged to publish their final-year project and their finding in reputed national and international journals. This allows them to share their innovative ideas and findings with the academic community, also enhances their research skills, networking with



premier institution and strengthens their academic profiles.

### Students Conference Publications

Students are encouraged to present their research work at prestigious conferences. Such participation offers opportunities to gain exposure interact with experts, networking and receive valuable feedback to further refine their research skills.

**Table 4.16 Number of Events Participated by Students**

Academic Year	No. of Students Received Prize, Awards, Grants		No. of Students Participated	
	Within the State	Outside the State	Within the State	Outside the State
2024-2025	58	7	252	12
2023-2024	6	30	185	64
2022-2023	15	2	35	4
2021-2022	8	5	48	11

### List of Students Received Prize, Awards, Grants

#### Academic Year (2024 - 2025)

S.No.	Name of the Student	Event Name	Organizer	Date	National/ State	Prizes/ Awards
1	Janarthanan N R	Project Exhibition & Competition	Saintgits College of Engineering, Kottayam	24.02.2025 to 26.02.2025	National	Best Project Award
2	Sanjeev R					
3	Naveen S					
4	Saravanan E					
5	Gowrishankar S					
6	Nandhini Devi K	Paper Presentation	Coimbatore Institute of Technology, Coimbatore	21.03.2025	National	1 <sup>st</sup> Prize
7	Pavithra S					
8	Kumaran S	Project Expo	SRM Institute of Science and Technology, Chennai	27.02.2025 to 28.02.2025	National	Best Hardware Design
9	Naresh Kannan V					
10	Prithive S					
11	Sriram R					
12	Vignesh M	Technical Quiz	Kalaingarkaru nanithi Institute of Technology, Coimbatore	01.03.2025	State	2 <sup>nd</sup> Prize
	Adithya A					
13	Sanjay Prakash M					

S.No.	Name of the Student	Event Name	Organizer	Date	National/ State	Prizes/ Awards
14	Sanjay Prakash M	Paper Presentation	Kalaingarkaru nanithi Institute of Technology, Coimbatore	01.03.2025	State	2 <sup>nd</sup> Prize
15	Naresh Kannan V	Project Expo	Karapagam Academy Higher Education, Coimbatore	17.02.2025	National	Runner
16	Prithive S					
17	Naresh Kannan V	Project Expo	Karpagam Institute of technolog, Coimbatore	15.02.2025	State	2 <sup>nd</sup> Prize
18	Prithive S					
19	Samuel Morris T	Mini Hackthon	Karunya Institute of Technology and Sciences, Coimbatore	24.10.2024 to 25.10.2024	National	1 <sup>st</sup> Prize
20	Ragul R	Paper Presentation	SNS College of Technology, Coimbatore	19.03.2025 to 20.03.2025	State	1 <sup>st</sup> Prize
21	Ari Vasanth S					
22	Saravanan S					
23	Bala Sundar P					
24	Janarthanan R	Entrepreneurship Development and Innovation Institute	Govt. of Tamil Nadu	04.10.2024	State	Winner
25	Sanjeev R					
26	Libika KI					
27	Gopika K L					
28	Srinivasa Kumar R					
29	Swetha S	Electric Bike Design Challenge	Sri Ramakrishna Institute of Technology, Coimbatore	24.09.2024 to 28.04.2024	National	Runner
30	Vishnu priya R					
31	Naresh Kannan V					
32	Sanjay A					
33	Samuel Morris					
34	Praveen Kumar S					
35	Praveen Kumar S					
36	Archana G					
37	Blessy R					
38	Swetha R					
39	Mega R					
40	Dinesh K					
41	Valarmathi M					
42	Naveena Srinivasan					
43	Maheswar P					
44	Vimal					
45	Nandhakumar					
46	Arunesh P					

S.No.	Name of the Student	Event Name	Organizer	Date	National/ State	Prizes/ Awards
47	Tamizhrasan S	Paper Presentation	Sri Sai Ranganathan Engineering College, Coimbatore	04.10.2024	National	2 <sup>nd</sup> Prize
48	Thana Selva Kumar K					
49	Dhaneswaran D					
50	Lohitha G					
51	Deepika S					
52	Dhanush M	Circuit Debugging				3 <sup>rd</sup> Prize
53	Dhaneswaran D					
54	Dhanush M					
55	Nithishkumar S	Paper Presentation	Sri Krishna College of Engineering and Technology, Coimbatore	18.10.2024	State	2 <sup>nd</sup> Prize
56	Muralidhar AP					
57	Parthasarathy S	Coding Contest	Jawaharlal Nehru Technological University, Kakinada	04.08.2024	National	2 <sup>nd</sup> Prize
58	Sharnitha B					

#### Academic Year (2023 – 2024)

S.No.	Name of the Student	Event Name	Organizer	Date	Internati onal/ National/ State	Prizes/ Awards
1	S. Aravinth	Roboscience Hackathon	Dolgoprundy 2023	15.12.2023 to 16.12.2023	Internatio nal	1 <sup>st</sup> Place
2	S. Aravinth	Kaohsiung International Invention and Design EXPO (KIDE 2023) Taiwan	World Invention Intellectual Property Associations (WIIPA) and Taiwan Invention Products Promotion Association (TIPPA), Taiwan	30.11.2023 to 02.12.2023	Internatio nal	Gold Medal
3	S. Aravinth	International Creativity Exhibition 2024	ARAU International Creativity Exhibition 2024 - Malaysia	05.10.2023 to 06.10.2023	Internatio nal	Special Award



S.No.	Name of the Student	Event Name	Organizer	Date	International/ National/ State	Prizes/ Awards
4	S. Aravinth	DIS Expo	Development in Invention Show, Dubai	22.11.2023 to 24.11.2023	International	Silver Medal
5	Janarthanan N R	Project Exhibition & Competition	Saintgits College of Engineering, Kottayam	26.02.2024 to 27.02.2024	National	1 <sup>st</sup> place
6	Sanjeev R					
7	Naveen S					
8	Libika K I					
9	Janarthanan N R	IDE Boot Camp Phase II	Sri Ramakrishna Engineering College, Coimbatore	29.01.2024 to 02.02.2024	National	Best Performing Team
10	Sanjeev R					
11	Saravanan E					
12	Darryl Shedon W					
13	Ajay Kumar M	SIEP E-Bike Challenge Contest	IES University, Bhopal	24.01.2024 to 28.01.2024	National	Best Hill Climbing Award
14	Ajith N					
15	Ari Krishna S					
16	Deekshita D					
17	Lakshmi Roshini R					
18	Mahieshwar J					
19	Mohan Raj V					
20	Nandha Kumar A					
21	Ranveer Kumar					
22	Rengaraj S					
23	Srivasan K					
24	Thana Selva Kumar V					
25	Vijayabhaskar K BA					
26	Vimal KK					
27	Vimal KK	Quiz	Dr. N.G.P. Institute of Technology, Coimbatore	04.03.2024 to 05.03.2024	State	1 <sup>st</sup> place
28	Anand Kumar V P	Hackathon	Dell Technologies & Intel	05.10.2023	National	1 <sup>st</sup> Place
29	Sanjay V					
30	Arun Pandiyan P B					
31	Divyashree Y					
32	Naveen S	Project Presentation	K.S.R College of Engineering, Namakkal	01.09.2023	National	2 <sup>nd</sup> Place
33	Priyadharshan S					
34	Ajay Lawrence C					
35	Hariraj R					

**Academic Year (2022 – 2023)**

S.No.	Name of the Student	Event Name	Organizer	Date	National/ State	Prizes/ Awards
1	Abinaya S	Paper Presentation	JCT College of Engineering and Technology, Coimbatore	27.04.2023	National	1 <sup>st</sup> Place
2	Jayavarthini R					
3	Balakumar S	Coding	JCT College of Engineering and Technology, Coimbatore	27.04.2023	National	2 <sup>nd</sup> Place
4	Harikrishnan P					
5	Sivapranesh S	Project Presentation	Sri Venkateswara College of Engineering, Chennai	08.10.2022 to 09.10.2022	State	2 <sup>nd</sup> Place
6	Rohith R					
7	Rizwan A R					
8	Surya M					
9	Gowsick R	Paper Presentation	Velalar College of Engineering and Technology, Erode	08.10.2022	State	2 <sup>nd</sup> Place
10	Sujithra K					
11	Devi R	Quiz	St. Joseph College, Kerala	15.02.2023	National	2 <sup>nd</sup> Place
12	Deekshita D					3 <sup>rd</sup> Place

**Academic Year (2021 – 2022)**

S.No.	Name of the Student	Event Name	Organizer	Date	National/ State	Prizes/ Awards
1	Hariharan G	Paper Presentation	Bannari Amman Institute of Technology, Sathy	24.11.2021	National	1 <sup>st</sup> Place
2	Harineshan R					
3	Sedhu S	Circuit Debugging	Bannari Amman Institute of Technology,	24.11.2021	National	1 <sup>st</sup> Place
4	Arun N V					

			Sathy			
5	Surya R	Project Presentation	CMR Institute of Technology, Bengaluru	14.05.2022	National	2 <sup>nd</sup> Place
6	Varun V					
7	Anand Kumar V P					
8	Sanjay V					
9	Prabhakaran S					

### List of Students Participated in Various Events

#### Academic Year (2024-2025)

S.No.	Name of the Student	Event Name	Organizer	Date	National/State
1	Kathiravan J.G	Paper Presentation	SNS College of Technology, Coimbatore	19.03.2025 to 20.03.2025	State
2	Karthikeyan C				
3	Dhineshkumar S				
4	Vignesh M	Paper Presentation	Kalaingarkarunanithi Institute of Technology, Coimbatore	01.03.2025	State
5	Sanjay Prakash M				
6	Adithya A				
7	Guruprasath Haridoss	Technical Event	Kumaraguru College of Technology, Coimbatore	07.03.2025	State
8	Sudhiksha V				
9	Shreya Shree PV				
10	Shabeekarshanth H	Seminar on Empowering Students Community Through Inclusive Technology	Kalaingarkarunanithi Institute of Technology, Coimbatore	06.01.2025	State
11	Tamilselvan B				
12	Sahana S				
13	Kathiravan J.G	Workshop	SNS College of Technology, Coimbatore	19.03.2025 to 20.03.2025	State
14	Karthikeyan C				
15	Dhineshkumar S				
16	Rubak Kumar S				
17	Priyadharshini P				
18	Indumathi S				
19	Ruthresh S				
20	Ragul Kumar U				
21	Adithya A				
22	Keerthana M	Workshop on Hands on Training in IoT	SNS College of Technology, Coimbatore	19.03.2025 to 20.03.2025	State
23	Arunthathi T				
24	Rubak Kumar S	Paper Presentation	SNS College of Technology, Coimbatore	19.03.2025 to 20.03.2025	State
25	Priyadharshini P				
26	Indumathi S				
27	Adithya A				
28	Dhineshkumar S				

29	Karthikeyan C				
30	Kathiravan J.G				
31	Ruthresh S				
32	Ragul Kumar U				
33	Abibala Vishnu				
34	Sandhiya N	Skill Development Programme on Sustainable Green Business Opportunities through Electronic Waste Upcycling	National Institute of Technology, Trichy	20.01.2025 to 24.01.2025	National
35	Thenmozhi C				
36	Sanjay Prakash M	AI Tools and ChatGPT	Be10X	26.01.2025	National
37	Vishnu Kumar				
38	Ashwin S				
39	Ashwin S	Worksho on Progrssive Hands on APP Development	KPR Institute of Engineering and Technology, Coimbatore	06.01.2025 to 10.01.2025	State
40	Shreya Shree PV	Workshop	KPR Institute of Engineering and Technology, Coimbatore	27.02.2025 to 28.02.2025	State
41	Bala Sundar P	National Level automation and Robotics Challenge	SRM Institute of Science and Technology, Chennai	27.02.2025 to 28.02.2025	National
42	Saravanan				
43	Shriniraj EKR				
44	Ari Vasanth S				
45	Thiruselvi T	Workshop on Next Generation Networking	Sri Eshwar College of Engineering, Coimbatore	20.02.2025 to 22.02.2025	State
46	Rubak Kumar S				
47	Keerthana R				
48	Shobika S				
49	Manikandan G				
50	Logapriya R	Workshop on Advanced PCB Design: Schmetic to Fabrication	Vellore Institute of Technology, Chennai	09.03.2025	National
51	Bala Sundar P				
52	Vignesh M				
53	Sivakumar M				
54	Saravanakumar B				
55	Sanjayram PV				
56	Dinesh Karthick M				
57	Ganishwaran G				
58	Keerthana M				
59	Keerthana R				
60	Arunthathi T				
61	Vignesh S				

62	Tamilselvan B				
63	Logapriya R				
64	Naresh Kumar R				
65	Ruthresh S				
66	Kavya N				
67	Ragul Kumar U				
68	Manikandan G				
69	Shreeka K P				
70	Santhosh MR				
71	Dharshith Y				
72	Shriniraj EKR	Workshop on matlab programming basics to Advanced Applications	LMS Solution	31.05.2025	State
73	Shriniraj EKR	Workshop on Introduction to Electronics in Automotive Systems	Skill Lync	01.02.2025	State
74	Shriniraj EKR	Workshop on Electric Vehicles Essentials: Technology, Trends and Future Directions	Sri Ramakrishna Engineering College, Coimbatore	04.10.2024	National
75	Nandhini Devi K	Project Presentation	Kumaraguru College of Technology, Coimbatore	11.09.2024	State
76	Pavithra S				
77	Kavya N	Workshop on Deep Learning Techniques using TensorFlow and Python	Vellore Institute of Technology, Vellore	06.03.2025 to 07.03.2025	National
78	Naresh Kumar R				
79	Nandhini Devi	Seminor on Deep Learning towards Autonomy	Coimbatore Institute of Technology, Coimbatore	01.03.2025	State
80	Sharnitha B	Paper Presentation	KGiSL Institute of Technology, Coimbatore	25.10.2024	State
81	Indhumathi S				
82	Dharshith Y	Paper Presentation	K.S. Rangasamy College of Engineering, Thiruchengode	28.03.2025 to 29.03.2025	State
83	Tharun S D				
84	Sudharshan N				
85	Saravanakumar B				

86	Sivakumar M				
87	Sanjayram PV				
88	Manimaran SA				
89	Keerthana R				
90	Manikandan G				
91	Umar Paruk I				
92	Logapriya R				
93	Dinesh Karthick M				
94	Vignesh M	Unity Workshop	Bannari Amman Institute of Technology, Sathy	08.02.2025	National
95	Sudharshan S				
96	Bharanidharan				
97	Nithish				
98	Kavya A	Workshop on Data Exploration	Kongu Engineering College, Perundurai	08.03.2025	National
99	Bhoomish S M				
100	Adith NG	Workshop on Unleashing the Power of Generative AI and Intelligent Agents	Dr. NGP Institute of Technology, Coimbatore	08.02.2025 to 09.02.2025	State
101	Kiran R				
102	Bhoomish S M				
103	Adith NG				
104	Nandhitha Devi K	Paper Presentation	Dr. NGP Institute of Technology, Coimbatore	08.02.2025 to 09.02.2025	State
105	Kiran R				
106	Pavithra S				
107	Bhoomish S M	Github Workshop	Bannari Amman Institute of Technology, Sathy	08.02.2025	National
108	Dharshini S				
109	Rithika MT	UI/UX Workshop	Bannari Amman Institute of Technology, Sathy	08.02.2025	National
110	Kiran S				
111	Bala Sundar P	Technical & Cultural Event	Karpagam Institute of Technology, Coimbatore	06.02.2025 to 07.02.2025	National
112	Ari Vasanth S				
113	Prasanth C				
114	Gowtham D				
115	Aadith Krishna	Workshop on UI/UX Design	KSR college of Engineering, Thiruchengode	28.09.2024	National
116	Dharshini S				
117	Rithika MT	Workshop on Semi Custom ASIC Design Flow Using Cadene EDA Tools	Sri Ramakrishna Engineering College, Coimbatore	18.09.2024 to 19.09.2024	National
118	Rithiga R				
119	Sridhar P				
120	Harini K				
121	Nandhitha C				
122	Nirmal T				



123	Vickram K	Workshop on PCB Design Using Open Source EDA Tool	MIT Campus, Anna University, Chennai	21.02.2025 to 22.02.2025	National
124	Mohammed Harish H				
125	Nirmal T				
126	Valarmathi M	Project Expo	Karpagam Institute of Technology, Coimbatore	15.02.2025	State
127	Naveena Srinivasan				
128	Prasanth C				
129	Harshitha N				
130	Vasanth Raj M				
131	Praveen Kumar S				
132	Mega R				
133	Priya A				
134	Vairochana A				
135	Vimala Devi P				
136	Sridhar P				
137	Kousalya V				
138	Nandhitha C	Entrepreneurs hip Bootcamp	PSNA College of Engineering and Technology, Dindidul	17.02.2025 to 21.02.2025	National
139	Dhanush M				
140	Janarthanan R	Electric Bike Design & Racing Championship	Sri Ramakrishna Institute of Technology, Coimbatore	26.02.2025 to 28.02.2025	National
141	Saravanan E				
142	Samuel Morris T				
143	Praveen Kumar S				
144	Sanjay A				
145	Praveen Kumar S				
146	Mohanraj M				
147	Dinesh K				
148	Manoj P				
149	Kavin Kumar V				
150	Ruthresh S				
151	Ragul Kumar U				
152	Vishnu Kumar				
153	Mathivel J				
154	Dhivyant M				
155	Dhanush M				
156	Santhiya T				
157	Mahiswar J				
158	Manimaran S				
159	Arunesh P				
160	Thanaselvakumar K				
161	Ramya M	Workshop on	Karunya Institute of	21.10.2024	National
162	Srivasaan K				
163	Sharnitha B				
164	Prarthana A				
165	Nandhakumar A				
166	Samuel Morris T				

		RTL Design with FPGA verification using system Verilog Programming	Technology and Sciences, Coimbatore	to 25.10.2024	
167	Dharshith Y	Skill Training on HMI Design and Development for Industrial Applications	Kongunadu College of Engineering and Technology, Trichy	09.08.2024 to 10.08.2024	State
168	Dinesh Karthick M				
169	Sudharsan N				
170	Ashwin S				
171	Sanjayram PV				
172	Kaviya S	Workshop on Exploring the reality of Drone Technogy	PSG College of Technology, Coimbatore	05.10.2024 to 06.10.2024	National
173	Kavya A	Workshop on Generative AI	PSG College of Technology, Coimbatore	05.10.2024 to 06.10.2024	National
174	Kiran S				
175	Sanjeev R	Hackthon	Bharathiar University, Coimbatore	04.09.2024 to 06.09.2024	State
176	Janarthanan N R				
177	Dhaneshwaran D	Paper presentation	Sri Sai Ranganathar Enginnering College, Coimbatore	04.10.2024	National
178	Dhanush M				
179	Lohitha G				
180	Deepika S				
181	Nithishkumar B	Symposium	PSG College of Technology, Coimbatore	05.10.2024 to 06.10.2024	National
182	Jothivel T				
183	Panner Selvam A	Paper presentation	Sri Krishna College of Engineering and Technology, Coimbatore	18.10.2024	State
184	Sakthimurugan A				
185	Abimanyu N S				
186	Jothivel T				
187	Arunthathi T	Paper presenttion	Kongu Engineering College, Erode	23.10.2024	National
188	Keerthana M				
189	Parthasarathy S	Symposium	Jawaharlal Nehru Technological University, Kakinada	04.08.2024	National
190	Sharnitha B				
191	Shreya Sree P V				
192	Sudhiksha V				
193	Priyadharshini P				
194	Aditya A	Workshop on Internet of Things using Raseperry-Pi	Kongu Engineering College, Erode	09.09.2024	State
195	Saravanakumar B				
196	Vignesh M				
197	Tharaun S D				
198	Ashwin S				
199	Sivakumar M				

### Academic Year (2023-2024)

S.No.	Name of the Student	Event Name	Organizer	Date	National/ State
1	Harish V	MATLAB Fusion Workshop	Coimbatore Institute of Technology, Coimbatore	27.04.2024	State
2	Immanuel K				
3	Jayakumar S				
4	Karthikeyan C				
5	Kathiravan J G				
6	Kumaran S				
7	Deepika S	Workshop on Semi Custom ASIC Design Flow using Cadence EDA Tools	Sri Ramakrishna Engineering College, Coimbatore	18.09.2024 to 19.09.2024	State
8	Darryl Sheldon W	Workshop on Wearable devices and AI and ML – Trends and Technologies	National Institute of Technology, Trichy	17.07.2023 to 21.07.2023	National
9	Ashwin S	Workshop on Multi-sensor Fusion in ADAS	Amrita Vishwa Vidyapeethan, Coimbatore	05.03.2024 to 06.03.2024	State
10	Ashwin S	Workshop on Multi-sensor Fusion in ADAS	Amrita Vishwa Vidyapeethan, Coimbatore	05.03.2024 to 06.03.2024	State
11	Rubak Kumar S				
12	Vignesh M				
13	Vignesh M				
14	Anto Kilbert V	Workshop on Nanoscience and Technology	Indian Institute of Technology, Madras	02.03.2024	State
15	kavinKumar V				
16	Ragul Kumar U				
17	Logeswaran D				
18	Ramesh B				
19	Sanjay K				
20	Saruges A	Workshop on Mastering the Art of PCB Design	Vellore Institute of Technology, Chennai	03.03.2024	National
21	Agilan M				
22	Antony John Paul A				
23	Bala Arumugam A				
24	Bharkavi R				
25	Donison P J				
26	Gokul Raja K				
27	Gopikrishna C				
28	Hariharan S				
29	Harini K				
30	Hariviknesh V				
31	Janarthanan J				
32	Jothivel T				

S.No.	Name of the Student	Event Name	Organizer	Date	National/ State
33	Kesava Priyan S				
34	Manodeepan A				
35	Mega R				
36	Mohanraj M				
37	Muralidhar Ap				
38	Nandhitha C				
39	Nirmal T				
40	Nithishkumar B				
41	Prasanth C				
42	Rahul B M				
43	Rajesh Kanna B				
44	Rithiga R				
45	Sanjay A				
46	Shanthosh Kumar B				
47	Shabeek Arshath				
48	Tharanishwaran J				
49	Thiyagu S				
50	Valarmathi M				
51	Vasantha Kumar M				
52	Vishal Ag				
53	Panner Selvam A				
54	Shyam Prasath B				
55	Praveen Kumar S				
56	Vignesh R	Workshop on Mastering the Art of PCB Design	Vellore Institute of Technology, Chennai	03.03.2024	National
57	Arun Pandian Pb				
58	Gopika KL				
59	Shubhakarini S				
60	Ramesh A				
61	Akash S				
62	Bhuvan E				
63	Gowsick R				
64	Hari Krishna Bal K				
65	Madhumithan P				
66	Naveenbharathi M				
67	Pradeep K				
68	Sarathi S				
69	Surya Prakash S				
70	Bharathi Kannan S				
71	Kirutheev N	PowerBI Workshop	be10x	03.03.2024	State
72	Srathpranav B	Workshop on Augumented Reality	Coimbatore Institute of Technology, Coimbatore	01.03.2024 to 02.03.2024	State
73	Gayathri N				
74	Sankara Narayanan S	Data Analytics - Orange Workshop	Coimbatore Institute of Technology, Coimbatore	09.03.2024	State
75	Dhaneswaran D				

S.No.	Name of the Student	Event Name	Organizer	Date	National/ State
76	Anu Ranjani V	Workshop on Intelligent Sensors	Bannari Amman Institute of Technology, Sathy	01.03.2024 to 02.03.2024	State
77	Anu Ranjani V				
78	Harshini Sri M	Workshop on Internet of Things	Bannari Amman Institute of Technology, Sathy	01.03.2024 to 02.03.2024	State
79	Jagadeep SV				
80	Jagadeep SV				
81	Kathirvel K	Workshop on Intelligent Sensors	Bannari Amman Institute of Technology, Sathy	01.03.2024 to 02.03.2024	State
82	Kathirvel K				
83	Lakshmi Roshini R				
84	Lakshmi Roshini R				
85	Shamna BS				
86	Suryavadhani D				
87	Venkatesh D				
88	Venkatesh D				
89	Raguna R				
90	Shanmathi R				
91	Yuva Nandhini D				
92	Aakash T				
93	Aakash T				
94	Gokul R				
95	Gokul R	Workshop on Intelligent Sensors	Bannari Amman Institute of Technology, Sathy	01.03.2024 to 02.03.2024	State
96	Hakkim M				
97	Hakkim M				
98	Srathpranav B	Data Tableau Workshop	Jobaaj	05.03.2024	State
99	Hari Krishna Bal K	Digital Strategy Brand Marketing Workshop	Mindluster	13.04.2024	State
100	Naveen S				
101	Visvanth V				
102	Bharath Kumar G				
103	Naveen P	Workshop on Business Intelligence using Power BI	Skill Nation	22.01.2024 to 23.01.2024	State
104	Gowri Shankar C	Workshop on IoT using Arduino	Karpagam Institute of Technology, Coimbatore	21.03.2024 & 22.03.2024	State
105	Gowtham P				
106	Hariharan V				
107	Jaichandran V				
108	Sheron Jenor				
109	Aswath Krishna S				
110	Jagadeeshwaran S	Workshop on Sensing, Communication and Control Systems for Industrial Automation	Indian Institute of Technology, Palakkad	22.02.2024	State
111	Nandhitha C				
112	Nirmal T				
113	Priya A				
114	Sasikumar S				
115	Sridhar P				
116	Srinivaskumar M				
117	Archana G				

S.No.	Name of the Student	Event Name	Organizer	Date	National/ State
118	Deepika S				
119	Keerthana S				
120	Vimaladevi P				
121	Valarmathi M	Data Analytical Using R & Workshop	PSG College of Technology, Coimbatore	23.02.2024 to 25.02.2024	State
122	Mega R				
123	Harini K				
124	Kevin Anand Raj A	Workshop on IoT for Mechanical Applications			
125	Lohitha G				
126	Abhishek S				
127	Ranjani Priya V				
128	Selvabharathi S				
129	Saran A				
130	Vishnupriya R				
131	Mohanraj M	Workshop on Learn Legacy Company Fronted	Learn Legacy	28.02.2024	State
132	Mohanraj M	Workshop on AI Tools	be10x	28.01.2024	State
133	Tharanishwaran J	Workshop on AutoCAD-2D	Learn Delta	05.08.2023	State
134	Dhanush M	Workshop on Embedded Systems and IoT	Hindusthan College of Engineering and Technology, Coimbatore	27.03.2024	State
135	Dinesh K				
136	Hariharan V				
137	Jawahar R				
138	Praveenkumar S				
139	Ajay Kumar M	Workshop on Electrical Drafting, Wiring, Automation & Solar irrigation for Buildings	National Institute of Technology Puducherry	17.07.2023 to 24.07.2023	National
140	Balaji C				
141	Hariram R				
142	Akilan K				
143	Kabilan G				
144	Dinesh V				
145	Gowrisankar. M				
146	Thamizharasan A				
147	Thana Selva Kumar K				
148	Darryl Sheldon W	Paper Presentation	P A College of Engineering, Pollachi	16.04.2024	State
149	Aadith Krishna S				
150	Praveen Kumar S				
151	Mega R				
152	Valarmathi M				
153	Antony John Paul A	Paper	Karpagam Acadamy	10.02.2024	State



S.No.	Name of the Student	Event Name	Organizer	Date	National/ State
154	Aswath Krishna S	Presentation	of Higher Education, Coimbatore		
155	Mega R				
156	Praveen Kumar S				
157	Swetha S				
158	Rahul B M	Paper Presentation	Rajalakshmi Engineering College, Chennai	17.04.2024	State
159	Valarmathi M	Seminar on Next Generation Battery Management System for Electric vehicles	Dr.N.G.P.Institute of Technology, Coimbatore	07.03.2024 to 08.03.2024	State
160	Naveena Srinivasan	Seminar on Next Generation Battery Management System for Electric vehicles	Dr.N.G.P.Institute of Technology, Coimbatore	07.03.2024 to 08.03.2024	State
161	Priya A				
162	Mega R				
163	Praveen Kumar S				
164	Praveen Kumar S				
165	Antony John Paul A				
166	Blessy R				
167	Harshitha N				
168	Swetha R				
169	Vairochana A				
170	Karunkarthick C	Technical Event	Rathinam Group of Instutions, Coimbatore	11.03.2024 to 16.03.2024	State
171	Tharun RP				
172	Parthasarathy S	Technical Event	Kumaraguru College of Technology, Coimbatore	23.03.2024	State
173	Sheryashree PV				
174	Lakshmi Roshni R	Technical Event	Bannari Amman Institute of Technology, Sathy	01.03.2024 to 02.03.2024	National
175	Anuranjani V				
176	Kaviyarasan B	Technical Event	MIT, Chennai	16.03.2024 to 17.03.2024	National
177	Kesavapriyan S	Technical Event	Sri Krishna College of Technology, Coimbatore	08.03.2024	National
178	Kesavapriyan S				
179	Srinivasan M	Hackthon	KPR Institute of Enginnering and Technology, Coimbatore	25.04.2024	State
180	Valarmathi M				
181	Janarthanan N R				
182	Sanjeev R				
183	Karthik G				

S.No.	Name of the Student	Event Name	Organizer	Date	National/ State
184	Jagadeeswaran S	Quiz	Hindusthan College of Engineering and Technology, Coimbatore	22.12.2023	National
185	Ajay Kumar M	Contest	IES University, Bhopal	24.01.2024 to 28.01.2024	National
186	Ajith N				
187	Ari Krishna S				
188	Deekshita D				
189	Lakshmi Roshini R				
190	Mahieshwar J				
191	Mohan Raj V				
192	Nandha Kumar A	Contest	IES University, Bhopal	24.01.2024 to 28.01.2024	National
193	Ranveer Kumar				
194	Rengaraj S				
195	Srivasan K				
196	Thana Selva Kumar V				
197	Vijayabhaskar K BA				
198	Vimal KK				
199	Janarthanan N R	Contest	Vellore Institute of Technology, Andhra Pradesh	27.03.2024	National
200	Sanjeev R				
201	Naveen S				
202	Libika K I				
203	Asha Begam	Hackthon	Manavarachana University, Haryana	19.12.2023 to 23.12.2023	National
204	Janarthanan N R	Hackthon	Manavarachana University, Haryana		
205	Gowrishankar M	Hackthon	Manavarachana University, Haryana		
206	Saravanan E	Hackthon	Manavarachana University, Haryana		
207	Naveen S	Startathon	Rathinam College of Arts & Science, Coimbatore	17.10.2023	State
208	Kabilan G				
209	Libika K I				
210	Karun Karthick C				
211	Jerin G	Project Presentation	Rathinam College of Arts & Science, Coimbatore	17.10.2023	State
212	Kabilan G	Business Model Presentation	Rathinam College of Arts & Science, Coimbatore	17.10.2023	State
213	Libika K I				

### Academic Year (2022-2023)

S.No.	Name of the student	Event Name	Organizer	Date	National/ State
1	Divyashree Y	Workshop on IoT	Indian Institute of Technology Madras	16.10.2022	State
2	Arun Pandiyan PB				
3	Reema Mansoor S				
4	Suyravadhani D				
5	Divyashreey	Workshop on real time Technology of IoT in Healthcare	Mahendra Engineering College, Salem	23.09.2022	State
6	Arun Pandiyan PB				
7	Sharmin Smiley S				
8	Deepak K	Webinar on Blender	Coimbatore Institute of Technology, Coimbatore	10.11.2022	State
9	Sarathpranav B	Workshop on Game Development	PSG College of Technology, Coimbatore	24.03.2023	State
10	Aravinth S	Workshop on Electric Vehicle	Indian Institute of Technology, Hyderabad	24.09.2022 to 25.09.2022	National
11	Darryl Sheldon S				
12	Sandhiya N	Paper Presentation	Dr. N.G.P Institute of Technology, Coimbatore	25.02.2023	State
13	Abinaya S				
14	Ajith Kumar S				
15	Prabhakaran S				
16	Thivakaran K				
17	Kannan K M				
18	Pavithra M				
19	Sree Varshini S				
20	Sanjay V				
21	Anand Kumar V P				
22	Sabarish Shetty G	Project Presentation	Saintgits College of Engineering, Kottayam	28.03.2023 to 29.03.2023	National

### Academic Year (2021-2022)

S.No.	Name of the student	Event Name	Organizer	Date	National/ State
1	Subash V K	Paper Presentation	PSG College of Technology,	30.10.2021	State
2	Swarana Sankarai V				
3	Sabarish Shetty G				

4	Srihari B		Coimabto		
5	Surya R				
6	Collin Kuruvila				
7	Rizwan AR	Hackthon	Karapgam Institute of Technology, Coimabto	07.12.2021	State
8	Jothi Prakash S				
9	Manoj Kumar V				
10	Hariharan A	Design Thinking Workshop	Amrita Vidya Peetham, Coimabto	18.06.2021 to 19.06.2021	State
11	Arunachalam B				
12	Sridharan D				
13	Preethashree U				
14	Ajay R				
15	Divyabharathi R	Workshop on Machine Learning	Indian Institute of Technology Bombay	16.12.2022 to 18.12.2022	National
16	Naveen R				
17	Varun V				
18	Jeyashree R K				
19	Vijaianand P				
20	Kavya R	Augmented Reality and Virtual Reality Hands on Training	Sri Sairam Engineering College, Chennai	03.11.2022 to 04.11.2022	National
21	Mahesh P				
22	Sivasankari D				
23	Abinaya S				
24	Manoj Kumar B				
25	Collin Kuruvilla				
26	Vishnu Saumya M				
27	Sanjay D				
28	Dharun. P				
29	Priyanka R				
30	Jagadeeshwaran S				
31	Dhuvarakesan M	Drone Workshop	Sri Ramakrishna Institute of Technology, Coimabto	13.09.2022 to 14.09.2022	State
32	Divya Priya R				
33	Karthick B				
34	Kaviya R				
35	Swarna Shankari V				
36	Preethashree U				
37	Vignesh V				
38	Srinivasan				
39	Kabilan V				
40	Naveensuresh C				
41	Sivaraj P				
42	Arunachalam B				
43	Surya R				
44	Pradeep R				
45	Prathik M				
46	Saveeth P				

**Table 4.17 Students Extra Curricular Achievements – Sports  
Academic Year (2024 – 2025)**

S.No.	Name of the Student	Event Name	Organizer	Date	National/ State	Prizes/ Awards
1	Arun S	Kabaddi	Divisional Tournament	16.09.2024	State	1 <sup>st</sup> place
2	Arun S	Kabaddi	Kongu Engineering College, Erode	15.09.2024	State	Best Player
3	Abibala Vishnu	Short film	SNS College of Technology, Coimbatore	19.03.2025 to 20.03.2025	State	3rd Place
4	Rubak Kumar S					
5	Indhumathi S					
6	Aditiya A					
7	Priyadharshini P					

**Academic Year (2023 – 2024)**

S.No.	Name of the Student	Event Name	Organizer	Date	National/ State	Prizes/ Awards
1	Nithish Kumar B	Athletics 400 M Hurdles	Sri Krishna College of Engineering and Technology, Coimbatore	16.10.2023 to 18.10.2023	State	1 <sup>st</sup> place

**Academic Year (2022 – 2023)**

S.No.	Name of the Student	Event Name	Organizer	Date	National/ State	Prizes/ Awards
1	Deekshita D	Badminton	Kongu Engineering College, Erode	09.09.2022 to 12.09.2022	State	3 <sup>rd</sup> Place
2	Reema mansoor S	Volley Ball	Bannari Amman Institute of Technology, Erode	01.09.2022 to 04.09.2022	State	2 <sup>nd</sup> Place
3	Vijai anand P	Powerlifting	Rathnavel Subramaniam College of Arts & Science, Coimbatore	04.09.2022	State	6 <sup>th</sup> Place
4	Thana Selva Kumar K	Ball Badminton	Coimbatore Institute of Technology, Coimbatore	23.03.2023 to 24.03.2023	State	3 <sup>rd</sup> Place
5	Sujithra K	Face Art	Jai Shriram Engineering College, Tirupur	20.10.2022	State	1 <sup>st</sup> Place

**Academic Year (2021 – 2022)**

S. No.	Name of the Student	Event Name	Organizer	Date	National/ State	Prizes/ Awards
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1	Dhanush Kumar M	Cricket	Coimbatore Institute of Technology, Coimbatore	23.04.2022 to 24.04.2022	State	3 <sup>rd</sup> Place
2	Arikrishna S	Kabaddi	Park college of Engineering and Technology, Coimbatore	28.05.2022 to 29.05.2022	State	1 <sup>st</sup> Place
3	Ajith N					
4	Vignesh R					

**Table 4.18 Students Publications**

Academic Year	No. of Journal / Conference / Patent Publications
2024-25	39
2023-24	40
2022-23	17
2021-22	21
Total	117

**Academic Year (2023-2024) – Journal Publications**

S. No.	Name of the Students	Topic /Title	Name of the Journal	Volume/Issue/ Page No.
1	Ashwin R Santhoshkumar G Vishagan R Sudhir B	Lora Based Land Slide Detection Warning System	Tuijin Jishu Journal of Propulsion Technology	Volume:45/Issue:02 (2024) PP:2496-2506

**Academic Year (2022-2023) – Journal Publications**

S. No.	Name of the Students	Topic /Title	Name of the Journal	Volume/Issue Page No.
1	Avinash K Gowtham M Jeevanraj A Aravidhan R	Highway Cruise Control System for Vehicles using low power RF technology and CAN Protocol	International Journal of Creative Research Thoughts	Volume:12/Issue 2 February 2024 PP:652-656

**Academic Year (2021-2022) – Journal Publications**

S. No.	Name of the Students	Topic /Title	Name of the Journal	Volume/Issue/ Page No.
1	Ashok D Sivabalaji M Mounaguru T Nishanth S	IoT based Voting Machines	International Research Journal of Modernization in Engineering Technology and Science	Volume:04/Issue: 09/September- 2022 PP:2614-2620
2	Bharath MG	IoT based Health	International Research	Volume:04/Issue:



<b>S. No.</b>	<b>Name of the Students</b>	<b>Topic /Title</b>	<b>Name of the Journal</b>	<b>Volume/Issue/ Page No.</b>
	Kishore K Sanjay S Sedhu S	Care System for Elderly People	Journal of Modernization in Engineering Technology and Science	09/September-2022 PP:2603-2608
3	Keerthivasan E Manigandan G Pragadeesharan S Silambarasan C	Industrial Shock Prevention System Using IoT	International Research Journal of Modernization in Engineering Technology and Science	Volume:04/Issue: 09/September-2022 PP:2595-2602
4	Harish A Kavinprasath S Nithish Naveen VE Vignesh Selvam	IoT based Disease Quality Identification of Tomato Leaf Using Image Processing	International Research Journal of Modernization in Engineering Technology and Science	Volume:04/Issue: 09/September-2022 PP:2609-2013
5	Ramkumar k Robinson GW Sharan E Velmurugan K	Fault Dection in Three Phase Supply System Using Arudino	International Research Journal of Modernization in Engineering Technology and Science	Volume:04/Issue: 09/September-2022 PP:2586-2594
6	Madhan S Mohit Bhorake Pradeep Kumar S Sri Nithan S	Simple and Effective Control of a Variable Speed Low Inductance BLDC Motor Drive	International Research Journal of Modernization in Engineering Technology and Science	Volume:04/Issue: 09/September-2022 PP:26610-2666
7	Kavin K Rokesh Kumar V Sudharshan R Surya Narayanan J	RFID and Face Recognition based Attendance System	International Research Journal of Modernization in Engineering Technology and Science	Volume:04/Issue: 09/September-2022 PP:1096-1101
8	Dharshan S Dineshkumar KA Arun NV Dhivakar R	Portable Soil Tester for Agriculture	International Research Journal of Modernization in Engineering Technology and Science	Volume:04/Issue: 09/September-2022 PP:1102-1105
9	Dhineshkumar A Harineshan A Harish Joushua S Kannan A	GAM based Smart Energy Meter with Optocoupler	International Research Journal of Modernization in Engineering Technology and Science	Volume:04/Issue: 09/September-2022 PP:2579-2585
10	Kaveyan R Rajasekar K Sabari Venkatesh E	Biometri based Elecric Vehicle with GPS and GSM Technology	International Research Journal of Modernization in Engineering Technology and Science	Volume:04/Issue: 09/September-2022 PP:1090-1096
11	Ashwin S Jawahar G Hariharan G Velmurugan K	IoT based LPG Leakage Detection System	International Research Journal of Modernization in Engineering Technology and Science	Volume:04/Issue: 09/September-2022 PP:2563-2571
12	Jayakumar E Manikandan R Sridhar S Venkatesan C	Glucose Trip Bottle Level Indicator	International Research Journal of Modernization in Engineering Technology and Science	Volume:04/Issue: 09/September-2022 PP:2572-2575
13	Abbirami A Athira Soundar Jeevitha S	Power from Waste by Incineration	International Research Journal of Modernization in Engineering	Volume:04/Issue: 09/September-2022

S. No.	Name of the Students	Topic /Title	Name of the Journal	Volume/Issue/ Page No.
			Technology and Science	PP:2576-2578
14	Nagavignesh N Prabhu C Rajkumar M	Vehicle to Vehicle Imparting System using Wireless Optical Networking Technology	International Research Journal of Modernization in Engineering Technology and Science	Volume:04/Issue: 09/September- 2022 PP:2557-2562
15	Aakash Amirtharaj A Dharneesh R S Guna V	Insulator Failure Finding System	International Research Journal of Modernization in Engineering Technology and Science	Volume:04/Issue: 09/September- 2022 PP:2657-2660
16	Janani Preethy R Sneha PJ Sri Dayaneethi R Suji M	Automatic Solar Powered Lawn Mover using IoT	International Research Journal of Modernization in Engineering Technology and Science	Volume:04/Issue: 09/September- 2022 PP:1082-1089
17	Prasanth A Sanjay S Suganant S Sathyaseelan T	Design and Implementation of an IoT based Automated Agricultural Monitoring and Control System	International Research Journal of Modernization in Engineering Technology and Science	Volume:04/Issue: 09/September- 2022 PP:2551-2556

#### Academic Year (2024-2025) - Conference Publications

S. No.	Name of the Student	Paper Title	Name of the Conference
1	Raguna R Shanmathi R Sharulatha R Sujithra K	Modulation of Converter Multiphase Matrix for Wind Energy Systems using a Hybrid Mud Ring Algorithm Integrated with the Elk Herd Optimizer.	3rd International Conference on Automation Computing and Renewable Systems
2	Jerin G Yuvanandhini D Sandhiya N Asha Begum	Single-Ended Primary Inductor Converter (SEPIC) Converter, DC-DC Boost And Cuk Converter With A Self- Guided Reimanuian Residual Network: Optimization Of Solar Energy.	3rd International Conference on Automation Computing and Renewable Systems
3	Mahieshwar J Mohanraj V Vimal K K	Anti-Inference Dynamic Integral Neutral Network for Optimizing Energy Management in Retrofitted Hybrid Electric Vehicles.	3rd International Conference on Automation Computing and Renewable Systems
4	Deekshita D Bharanidharan K A Dhanush Kumar M	Water Surface Cleaning Robot	3rd International Conference on Artificial Intelligence and Machine Learning Applications

S. No.	Name of the Student	Paper Title	Name of the Conference
	Gopika K L		
5	Devi R Ragavan R Aakash T Sharmin Smiley S	Air Quality Monitoring and Air Filtering System using IoT	IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering
6	Gowrishankar C Gowtham P Hariharan V Karthick S K	IoT Based Lora Enabled Safety Monitoring System for Coal Mining Workers	3rd IEEE International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation
7	Thamizhanban S Vimal V S Visvanth V Saran Pradeep N	Enhanced P&O Algorithm for Optimized Grid Connected Solar Inverter	8 <sup>th</sup> International Conference on Trends in Electronics and Informatics
8	Divyashree Y Arun Pandiyan P B Diwesh Bharathi R Jaichandran V	Beverage Filling System using ACOPOSTRAK	8 <sup>th</sup> International Conference on Intelligent sustainable systems
9	Sarath Pranav B Kalaiventhan K Baburaj P Vijay R	IoT-based Fault Detection in 3 Phase Pole Line networks using Wi-Fi and Flutter Application.	5 <sup>th</sup> International Conference on pervasive computing and social networking
10	Anuranjani V Harshini Sri M Lakshmi Roshini R Shubhakarini S	IoT Enabled Adaptive Energy Management for Electric Vehicle using Real Time Optimization	8 <sup>th</sup> International conference on Intelligent computing
11	Suryavadhani D Shamna B S Hariraj R Reema Mansoor S	Intelligent Predictive Maintenance for Motor Health Monitoring using IoT Sensors and Machine Learning Algorithms	8 <sup>th</sup> International Conference on Trends in Electronics and Informatics
12	Ranveer Kumar Surya M K Sabari S Harshan Prabhu A	IoT Enabled Smart Waste Management System with Real Time GPS Monitoring and User Notification	8 <sup>th</sup> International Conference on Trends in Electronics and Informatics
13	Harish K Ajaykumar M Gokul R Muralidharan V	Touch Panel based Industrial Device Management for Persons with Disability	3rd IEEE International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation
14	Harish K Ajaykumar M Gokul R Muralidharan V	IoT based Toll Gate Management System	International conference on New-Gen Technologies for sustainable Development
15	Hari Ram R Manivel M	Real Time Multi-Sensory Animal Intrusion Prevention	8 <sup>th</sup> International Conference on Trends in Electronics and

<b>S. No.</b>	<b>Name of the Student</b>	<b>Paper Title</b>	<b>Name of the Conference</b>
	Naveen P Vel Prasanth K	in Crop Fields Using CNN And ESP 32	Informatics
16	Sai Krishna S Sheron Jenor Bharathkumar G Hakkim M	Integrated IoT Solution for continuous Patient Vital Sign Monitoring and Alerting	8 <sup>th</sup> International Conference on Inventive Material science and Applications
17	Venkatesh D Kathirvel K Jagadeep S V	IoT based Industrial Device Control using WIFI and Flutter Application	5 <sup>th</sup> IEEE International Conference on Computing and Communication Technologies
18	Sree Krishnnaa A Deepak K Akilan K	Cloud Integrated System for Audio Processing and Automated Lecture.	7 <sup>th</sup> International Conference on Intelligent sustainable systems
19	Kabilan G Ajay S Sivabalan S Sivasangeeth S	Smart Monitoring and Control Techniques for Power Factor Correction Systems	3rd International Conference on Artificial Intelligence and Machine Learning Applications
20	Jaiakash S Dhejeshwani Thenmozhi C Ajay Lawrence C	Renewable Power Generation using Speed Bump and Boost Converter	International Conference on Applied Science Engineering & Technology
21	Darryl Sheldon W Aravinth S Nethesh P R Mugeshwaran R	Real-Time SOH Estimation for EV LI-ION Batteries using ML & Digital Twin	5 <sup>th</sup> International Conference on Trends in Material Science and Inventive Materials
22	Suryaprakash S Arunesh P Rengaraj S Vignesh R	Bi-directional DC-DC Converters for Micro-Grid Applications	International Conference on Electronics and Renewable Systems
23	Naveen S Priyadharshan S Dinesh K Karun Karthick C	IoT-Driven Smart Home Energy Optimization and Safety System	5 <sup>th</sup> National Conference on “ Recent Advancements in Science Engineering & Technologies
24	Abinaya S Vijaya Bhasakar K B A Divya Dharshini N	Smart Charging Solution from Hybrid System using CUK Converter	8 <sup>th</sup> International Conference on Trends in Electronics and Informatics
25	Harikrishna Bal K Madhumithan P Ramesh Sarathy S	Intelligent PWM for Integrated Interleaved DC-DC Converter Fast DC Electrical Vehicle	8 <sup>th</sup> International Conference on Inventive Material science and Applications
26	Sanjeev R Janarthanan N R Libika A Madhumitha P	Intelligent Battery Management System with AI and IoT for Enhanced EV Efficiency	3rd International Conference on Artificial Intelligence and Machine Learning Applications
27	Sujithra K Raguna R Shanmathi R Sharulatha R	Hybrid Mod Ring and Elk Herd Optimization for Multiphase Matrix Converter Modulation in Wind Energy	3 <sup>rd</sup> International Conference on Renewable and Sustainable Energy Technologies

S. No.	Name of the Student	Paper Title	Name of the Conference
		Systems	
28	Tamizharasan A Harish Ragavendra D Muthuvel N Sriram M	High Step-up PWM Non-Isolated DC-DC Converter with Soft Switching Operation with SS	3 <sup>rd</sup> International Conference on Augmented Intelligence and Sustainable Systems
29	Raghul S Bhuvan E Gowrishankar S Vikash Ss	Boost Converter-based MPPT (P&O) for PV Standalone System.	8 <sup>th</sup> International Conference on Inventive Material science and Applications
30	Jerin G Asha Begam A Yuvanandhini D Santhiya N	Optimization of Solar Energy using Septic Boost and Cuk Converter with a self guided Reimanuian Residual Network	3 <sup>rd</sup> International Conference on Renewable and Sustainable Energy Technologies
31	Naveen Bharathi M Bharathikannan S Hadikesh MU Thraun Rp	Transformer Overheat Overload Protection and Oil Monitoring System using IoT	3 <sup>rd</sup> International Conference on Artificial Intelligence and Machine Learning Applications
32	Vishal Suriya NG Thiruvalluvar A Akash S Vindhiya Shree AR	Improving the Efficiency of Hybrid Power System by Adaptive DVR based on FOPID Control Logic	3 <sup>rd</sup> IEEE International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation
33	Gowri Shankar M Thanaselvakumar K	Real-Time Wireless Emergency Communication for Hazardous Environments	8 <sup>th</sup> International Conference on Inventive Material science and Applications

#### Academic Year (2023-2024) - Conference Publications

S. No.	Name of the Student	Paper Title	Name of the Conference
1	Anand Kumar V P Jeya Sree R K Sanjay V Ajithkumar S	Enhancing Safety for Sewer and Septic Tank Cleaning Workers. A Wearable Monitoring Solution	International Conference on Intelligent Technologies for Sustainable Electric and Communications Systems
2	Anand Kumar V P Jeya Sree R K Sanjay V Ajithkumar S	Smart Campus Aqua Sync	12 <sup>th</sup> International Conference on Contemporary Engineering and Technology
3	Praveen Kumar M Naveen R Subash V K Nithiswaran G	Enhancing Solid waste Segregation, disposal and improving sanitization system in metro cities	10 <sup>th</sup> International Conference on Advanced Computing and Communication Systems
4	Praveen Kumar M Naveen R	Smart Solid waste management system	12 <sup>th</sup> International Conference on Contemporary Engineering and

<b>S. No.</b>	<b>Name of the Student</b>	<b>Paper Title</b>	<b>Name of the Conference</b>
	Subash V K Nithiswaran G		Technology
5	Sakthi Navin R Sibiraj R Ajay R Khalied Hameed M	Electric line Fault Detection and Power Consumption Monitoring with Hypertext Preprocessor Application	International Conference on Information Technology, Electronics and Intelligent Communication Systems,
6	Vignesh V Vignesh I Vijaianand P Nishanth B	Energy Management and User Centric Automation for Sustainable Library Operations	7 <sup>th</sup> International Conference on Inventive Computation Technologies
7	Vignesh V Vignesh I Vijaianand P Nishanth B	Automated Hoist Level Load Lifter Enhanced with AI for Material Handling	5 <sup>th</sup> International Conference on Recent Trends in Computer Science and Technology
8	Kannan K M Hariharan S Sri Aadalarasau T Kabilan V	Development of Emission Monitoring and Tracking System using IoT and Rubyon Rails	7 <sup>th</sup> International Conference on Inventive Computation Technologies
9	Manojkumar M Harish B Ezhilarasan P Dinesh I	Enhancing Closed Loop Performance: I-PD Controller Design for Integrating Processes with Time Delay and Inverse Response Characteristics	6 <sup>th</sup> International Conference on Materials Science and Manufacturing Technology
10	Prabhakaran S Sri Ram S Veeramani R Krishna Moorthy S	AI Enabled Robotic Maintanance System for Solar Panel Health Monitoring	10 <sup>th</sup> International Conference on Advanced Computing and Communication Systems
11	Gokul S Pavithra M Swarna Shankari V Thivakaran K	Automated Train Track Switches by using PLC	10 <sup>th</sup> International Conference on Advanced Computing and Communication Systems
12	Gokul S Pavithra M Swarna Shankari V Thivakaran K	Automated Farm Monitoring and Animal Tracking	2 <sup>nd</sup> International Conference on Technological Advancement in Science Engineering and Management
13	Naveen Kumar S Anbuselvan P Mathivanan K Vengateshwaran M	Medium Power Low Cost Inverter Hardware	International Conference on Recent Trends In Engineering Technology And Management
14	Nithishkumar T Pradeepkumar D Aravindhnan N	Crisis Prevention and Surveillance System for Three Phase Transmission Line faults	7 <sup>th</sup> International Conference on Inventive Computation Technologies
15	Nithishkumar T Pradeepkumar D Aravindhnan N	Smart Supply Switching System with Battery Monitoring	3 <sup>rd</sup> International Conference on Applied Artificial Intelligence and Computing



<b>S. No.</b>	<b>Name of the Student</b>	<b>Paper Title</b>	<b>Name of the Conference</b>
16	Kavin V P Mohamed Saffic S Sethu Saravanan R Ranjith Kumar V	Centralized Monitoring System for Street Light Fault Detection	International Conference on Emerging Trends in Electrical Machines, Power and Energy Systems
17	Lohith.M Navienvijayaraj Vignesh.S D Akash	Link Tone Home Automation	15 <sup>th</sup> International IEEE Conference on Computing, Communication and Networking Technologies
18	Vigneshwaran G Dinesh S Megalani K Sivaprasanth K	Intelligent Voltage Regulation using Machine Learning	IEEE sponsored International Conference on Science, Technology, Engineering & Management
19	Akash.A Manideep T Nishanth T Sundereshwaran	Energy Management System based on Sepic Converter for Micro hybrid using Hybrid Energy	International Conference on Latest Trends in Science, Engineering and Technology
20	Hariharan. R Muniraj. T Ponmudi. V Vigneshwaran R	Real Time Energy Management using LabVIEW	International Conference on Latest Engineering and Management
21	Mouliyeswaren R Harish A Prethashree Shanmuga Dinesh M	Precision Agricultural Monitoring and Control System	12 <sup>th</sup> International Conference on Recent Challenges in Engineering and Technology
22	Mouliyeswaren R Harish A Prethashree Shanmuga Dinesh M	An Object Detection System using Jetson Nano	2 <sup>nd</sup> International Conference on Inventive Computing and Informatics
23	Aruna Mahindan. A Kaviyarasan S Madheshkumar S Naveen.M	Design and Evaluation of a PI-PD Cascade Controller for Enhancing Performance in Unstable Ball and Beam System	International Conference on Advances in Smart Sensor, Signal Processing and Communication Technology
24	Bannuprakash.P.K Surya R Muniyappan. A Saveeth. P	Air Quality Monitoring and Prediction for Industries	International Conference on Latest Engineering and Management
25	Sivaraj. P Sreevarshini. S Pranesh. G Mohanprasad. R	Security System for E-Bicycle	International Conference on Latest Engineering and Management
26	Kaviya R Sanjay.R Sasikumar.M Sridharan.V	Advanced Three Post DC-DC Bidirectional Converter for Vehicle to Grid Applications.	12 <sup>th</sup> International Conference on Contemporary Engineering and Technology
27	Dheepika.R Nishanth.G Shafer Ahamed.S	Solar Powered Water Pump with Zeta Converter and BLDC Motor	12 <sup>th</sup> International Conference on Recent Challenges in Engineering and Technology

S. No.	Name of the Student	Paper Title	Name of the Conference
	Selvakumar.S		
28	Sridharan.D Hariprasanth.J Hrithick Kumar.R	Automated Toilet Cleaning System	12 <sup>th</sup> International Conference on Communication Engineering and Technology
29	Dinesh Kumar.T Gokulraj.E Karthick B Sathiyapriyan.R	Automatic Instruction Vehicle using Modularized Instruction Cards	12 <sup>th</sup> International Conference on Communication Engineering and Technology
30	Dinesh Kumar.T Gokulraj.E Karthick B Sathiyapriyan.R	Modular Instruction Driven Vehicle	7 <sup>th</sup> National Conference on Clean and Green Energy
31	Arunachalam. B Karthik. A Karthick. C Dhinakar. C	Design and Fabrication of Electric Brush Cutter with Battery Monitoring System	7 <sup>th</sup> National Conference on Clean and Green Energy
32	Pradeep R.K Prathik. M Sanjai. S Dharankumar. M	Design and Implementation of IoT-based Vehicle Over Speed Detection and Alert System on Highways	4 <sup>th</sup> National Conference on Recent Advancements in Science, Engineering & Technologies
33	Balarohith A Chithanthan R Kishor R R Teenu V P	Smart E-Petrol Bunk	4 <sup>th</sup> National Conference on Recent Advancements in Science, Engineering & Technologies
34	Divyabharathi R Naveensuresh C Tharanidharan S	Solar Wireless Charging system for Electric Vehicle	7 <sup>th</sup> National Conference on Clean and Green Energy
35	Munishwaran V Mahesh P Mouleeswaran S Srinivasan R	Aged People Pre Abnormal Detection based on IoT	4 <sup>th</sup> National Conference on Recent Advancements in Science, Engineering & Technologies

#### Academic Year (2022-2023) - Conference Publications

S.No.	Name of the Student	Paper Title	Name of the Conference
1	Jagadeeshwarn S Jayaprakash S Dharun P Gladwin Rheno S J	Automated Rover for Agriculture and Field Management	International Conference on Advancement in Science, Engineering and Technology
2	Krishnaraj S Santhosh C Sriramkarthick S	Wireless EV Charging Topology Integrated Energy Storage	2 <sup>nd</sup> International Conference on Advancements in Science, Management

S.No.	Name of the Student	Paper Title	Name of the Conference
	Vikram S		
3	Ajay Kumar C Manoj Kumar R Shabarish Setty G Vasanth S	IoT based Circuit Breaker with Access Control	International Conference on Sustainable Computing and Smart Systems
4	Naveen Kumar P Srithar N Selvaraj K Gokul S	Smart Electric Vehicle for Safety System	International Conference on Self Sustainable Artificial Intelligence Systems
5	Akshaya Prasaath V Arun A Bharath M Kanagasabapathy E	IoT based Air Quality Monitoring System	International Conference on Sustainable Computing and Smart Systems
6	Abinaya S Jayavarthini R Jeevitha J Priyanka R	Power Theft Detection using IoT	International Conference on Engineering & Technology
7	Aiswarya D Akshaya M Divya Priya R	Vehicle to Vehicle Imparting system using Wireless Technology	International Conference on Engineering & Technology
8	Abisiddhu Ms Srihari B Vasanth M Purusothamam GV	Design and Development of PMSG based Wind Energy Conversion System	International Conference on Inventive Computation Technologies
9	Siva Bala L Aravinth M Gokul D Gokulnath A	Industrial Safety and Control using LabVIEW	7 <sup>th</sup> International Conference on Electronics, Communication and Aerospace Technology
10	Dhuvarakesan M Karthikeyan S Praveen Kanth M Vishnu Saumya M R	Face Mask Detection using open CV and Machine Learning	3 <sup>rd</sup> International Conference on waste, Energy and Environment
11	Jothi Prasath S Manoj Kumar B Montford Vivek B Sivapranesh S	Wireless Power Transfer in Electric Vehicle by Inductive Coupling with High Frequency	8 <sup>th</sup> International Conference on Communication and Electronics Systems
12	Poovarasu P Saran Kumar N Akash U Sanjeev Sharma R	IoT based Dam Automation and Monitoring System	3 <sup>rd</sup> International Conference on Recent trends in Engineering Technology and Management
13	Collin Kuruvilla Hari Krjshnan P Vyshak M Rizwan A R	Smart Parking System Web Application	8 <sup>th</sup> International Conference on Communication and Electronics Systems
14	Arunkumar R Gokul K Monesh Raj V K	Design and Simulation of PMSG based Wind Energy Conversion	International Conference on Sustainable Communication Networks and Application

S.No.	Name of the Student	Paper Title	Name of the Conference
	Navin Sachithanantham G	System	
15	Ajmlr Basha J Balakumar S Praveen R Neelakandan M	IoT based Transformer Health Monitoring System	8 <sup>th</sup> International Conference on Communication and Electronics Systems
16	Akashkumar S M Gayathri S Y Srinivasa Ragavan B Prabu Selvam R	Solar based Robotic Cleaning Machine for PV Panel	3 <sup>rd</sup> International Conference on Recent Trends in Engineering Technology and Management

#### Academic Year (2024-2025) - Patents Publication

S.No.	Student Name	Title	Application Number	Status
1	Raguna R Shanmathi R Sharulatha R Sujithra K Jerin G Yuvanandhini D Sandhiya N Asha Begum A Mahieshwar J Mohanraj V Vimal K K	Advanced High- Efficiency Multi-Mode Electrical Converter System	202541033627	Published 25/04/2025
2	Madhan Kumar R Deenadhayalan R Keerthivasan M Shanmugam S	RTC Based Automatic Home Appliances Control Using IoT	202344068918	Published 07/03/2025
3	Stephen Edberk A Ashwanth S Sankara Narayanan K S Gayathri N	Smart IoT enabled cleaner	456234-001	Date of filing : 22/04/2025
4	Yugesh Yuvaraj S Gowsick R Dinesh V Saravanan E	Smart Drug Dispenser using IoT	456235-001	Date of filing : 22/04/2025
5	Kirutheev N Ajith N Srivasan K Nandhakumar A	Sustainable Electric Vehicle Docking Station	456236-001	Date of filing : 22/04/2025
6	Deepan S Azhagumurugan Pradeep Manikandan	LUO PFC Converter and Fly Back Converter based EV Charger	459299-001	Date of filing : 22/04/2025

### Academic Year (2023-2024) - Patents Publication

S.No.	Student Name	Title	Application Number	Status
1	Divyabharathi R Naveensuresh C Tharanidharan S	Solar Wireless Charging system for Electric Vehicle	414305-001	Granted 06/06/2024
2	Arunachalam B Karthik A Karthik C Dhinakar C.	Electric Brush Cutter	409890-001	Granted 03/05/2024
3	Sivaraj P Pranesh G Sree Varshini S Mohanaprasad R	Security System for E-Bicycle	409889-001	Granted 02/05/2024
4	Kavin V P Mohamed Saffic S Ranjith Kumar V Sethu Saravanan R	An IoT based Smart Parking System using NODEMCU	202441035520	Published 05/05/2024

### Academic Year (2021-2022) - Patents Publication

S.No.	Student Name	Title	Application Number	Status
1	G Shabarish Setty L Siva Bala V Akshaya Prasath Bharath M Santhosh C	Isolation Robocar	202144043779	Date of filing : 27/09/2021 Publication Date : 17/06/2022
2	Ragesh G Kunavarthan T Vrishin Adhithya A Prince C	Heart Stalking Gadget	202144018839	Date of filing : 23/04/2021 Publication Date : 24/06/2022
3	Ranjithkumar M Ragul A Karthick S Shrikripashini V	Arduino Based Smart Eggs Incubator For small Scale Industries	202144018840	Date of filing : 23/04/2021 Publication Date : 24/06/2022
4	Rohith R, Karthikeyan S Praveenkanth M Gokul K	Bluetooth Controlled Extension Box	202244035232	Date of filing : 20/06/2022 Publication Date : 20/10/2023

### Students Online Course Certification

Students are encouraged to enroll in online courses offered by recognized e-learning platforms such as NPTEL, Coursera, Ebox, GUVI, and Infosys SpringBoard. They also participate in ICT events like learnathons and skillathons. This engagement in self-learning

has resulted in students earning industry-recognized course certifications from these platforms. Notably, many students have secured NPTEL certifications with elite and silver, gold grades. The certifications obtained by students through various platforms are presented in Table 4.19

**Table 4.19 Students Online Course Certifications Completion**

<b>S. No.</b>	<b>Name of the Online Course</b>	<b>CAY (2024-25)</b>	<b>CAY m1 (2023-24)</b>	<b>CAY m2 (2022-23)</b>	<b>CAY m3 (2021-22)</b>
1	NPTEL/Swayam	259	253	91	24
2	Others	517	780	179	877