

**ANNUAL MAGAZINE 2020-2021****HISTORY OF THE COLLEGE**

Erode Sengunthar Engineering College was established in the year 1996 by the philanthropic and generous-minded members of Erode Sengunthar Educational Trust with the approval of the All India Council for Technical Education, New Delhi, the Government of Tamilnadu and permanently affiliated to Anna University, Chennai.

The college was established with three Undergraduate Courses, namely Mechanical Engineering, Electrical & Electronics Engineering and Chemical Engineering. Realizing that it is imperative to move ahead with the latest developments in the Digital Era, the college diversified itself by starting additional courses such as Computer Science & Engineering, Electronics & Communication Engineering, Electronics & Instrumentation Engineering, Civil Engineering, Bio Medical Engineering, B.Tech Information Technology, B.E Agricultural Engineering, B.Tech Artificial Intelligence & Data Science , B.E. Robotics and Automation Engineering, and Postgraduate Programmes like M.E. Manufacturing Engineering, Computer Science & Engineering, Power Electronics & Drives, Environmental Engineering, Applied Electronics, Industrial Safety Engineering , MBA and MCA.

**COURSES OFFERED**

The Institute offers 15 UG and 9 PG Programmes in Engineering & Technology, Management and Computer Applications. The total number of students on roll is 2371. It includes 2040 Undergraduate and 331 Postgraduate students, out of which 560 are girls and 1811, are boys.

**AUTONOMOUS STATUS**

University Grants Commission, New Delhi conferred Autonomous Status for a period of ten years w.e.f. 2019-2020 to 2028-2029. We are glad indeed to say that ESEC got Autonomous Status for 10 years including for the entire existing 4 year programs. By the mercy of God and with our Persistence and Perspiration, we achieved this remarkable milestone.

**MSME Incubation Centre**

MSME – Micro Small and Medium Enterprise, New Delhi has approved our College as the Incubation Centre for Young Entrepreneurs. Twenty new innovation proposals have been submitted online by our students as well as from outsiders and the proposals have been evaluated by MSME, Chennai and forwarded to MSME New Delhi.

**NBA ACCREDITATION & RENEWAL**

An expert team conducted on-site evaluation for Chemical Engineering, Mechanical Engineering and Civil Engineering departments approved accreditation status from the academic year 2020-21 to 2023-24. This year Department of Computer Science and Engineering, Electronics and Communication Engineering and Electrical and Electronics Engineering have planned for renewal of accreditation.

**NAAC**

National Assessment and Accreditation Council (NAAC) has extended validity of accreditation for 5 years up to 31.12.2024 with CGPA 3.01 and Grade “A”.

**MEMORANDA OF UNDERSTANDING**

With a view to impart training and inculcate technical knowledge through hands on training / real time situations to the students, ESEC has signed Memoranda of Understanding with more than 30 industries and succeeded in deputing not only the students but also the staff members.

ESEC and National Institute of Technology, Trichy (Siemens-COE) signed an MoU on 27.01.2020 for enhancing students’ knowledge and industrial exposure. The department of Chemical Engineering has signed a Memorandum of Understanding with “The Nilgiris Stonewares and Chemicals Limited, Coimbatore” on 18.3.2021. The department of Electrical and Electronics Engineering has signed a Memorandum of understanding with “The Kaar Infotech Private Limited” on 05.08.2020. EIE has signed a Memorandum of Understanding with SJAES, Chennai. The department of Mechanical Engineering has signed a Memorandum of Understanding with Profenaa Technologies Erode and The Creator industries Bhavani. It would open doors for students and equips them with more practical learning experience to make them technically sound and ready for industry.

**INSTITUTION’S INNOVATION COUNCIL**

Institution’s Innovation Council is to create a vibrant local innovation ecosystem and to start-up supporting Mechanism in HEIs. It prepares the institute for Atal Ranking of Institutions on Innovation Achievements Framework and establishes Function

Ecosystem for Scouting Ideas and Pre-incubation of Ideas. It develops better Cognitive Ability for Technology Students **AICTE -InTech Olympiad, AICTE –DST Texas (IICDC) Contest and Internal Hackathon for Smart India Hackathon 2020 were conducted through IIC.**

### **INFRASTRUCTURAL FACILITIES**

The college is situated in an area of 85.54 acres of land and has separate spacious blocks for each department. Total Built up area of the college is 34,857 sq.m. The college has all the necessary infrastructural facilities in terms of laboratories, equipment, manpower requirements, Internet with 100 Mbps, campus-wide networking to all computers, IIT Bombay Remote Training Center, a high-tech English language lab, Audio Video Visual Room, Library, Air- conditioned seminar halls, conference room, students amenities centre, centralized AC Admission Room, Bio Medical Lab, R&D Hall With Computer Table & Interior Work, Multi Station Gym, R.O. plant, dispensary, sewage treatment plant, canteen, guest rooms, students' rest room, Mughil community radio and City union bank ATM facility, roof top solar plant, green belt environment, CCTV camera in all the departments and round the clock security service for the entire campus.

### **COMPUTING FACILITIES**

There are 836 computers available in the campus. The Majority of the computers has the latest configuration (i7, 8 GB RAM, 500 GB HD, LCD monitors, DVD drive, i3 Eighth generation 8 GB RAM, 1 TB hard disk DVD drive Wi-Fi adaptor, LCD monitor, i3 Second generation 4 GB RAM, 500 GB hard disk, LCD monitors).

Both high end servers and desktops are available. All academic blocks are connected with optical fiber cable backbone networks. The entire campus is Wi-Fi enabled with 150 Mbps connectivity.

Every department has its own sophisticated state-of-the art computing facility. Latest versions of all software based upon Anna University curriculum are available. This makes the students familiar with the latest trends, attain standards and industrial practices. Apart from these, there is a well-established common computing center where students acquire self-learning and become proficient with the latest versions.

#### **TECHNICAL ASSOCIATIONS**

All the departments have their respective students' associations. These associations regularly arrange various technical activities and guest lectures to help the students in order to widen their exposure in their preferred field. More than 100 programs have been conducted by the various associations in the year 2020-21.

#### **LEADERS' TALK**

All the departments have organized 'Leaders' Talk' programmes by inviting industry captains to interact with the students to motivate them to become highly competent in their professional field. A total of 45 programmes have been conducted by all the departments.

#### **ESEC IAS ACADEMY**

ESEC IAS academy was inaugurated by Dr. C. Sylendra Babu IPS, ADGP-Railways, Tamil Nadu and Dr. P. Kanagaraj, Associate Professor, Govt. Arts College, Coimbatore

last year. We are happy to inform you that a number of students are preparing for Civil Services Examination from our ESEC IAS ACADEMY.

### **SCHOLARSHIPS**

During this academic year **1041** students in the BC & MBC category have applied for scholarship of worth Rs. 8,028,235/- under different schemes of the State Government. 670 students have applied for the SC/ST scholarship of worth Rs. **45,990,325/-** from the Government of Tamil Nadu.

### **FEES CONCESSION**

The Management is magnanimous in providing Fee concession to the students based on their entry level qualifying examination marks. This year 100% fee concession of worth Rs. 685500/- is given to 16 students, 75% fee concession of worth Rs. 697,000/- is given to 22 students and 50% fee concession of worth Rs. 482,000/- is given to 24 students. Apart from this, a special fee concession of Rs. 7,915,500/- has been extended to 668 students belonging to the economically weaker section. Totally 730 students got benefited from various scholarships of the total worth of Rs **9,780,000/-** in this year.

### **ISTE STAFF- STUDENTS' KNOWLEDGE SHARING SESSION**

Knowledge sharing session for the faculty members is being conducted under the banner of ISTE Chapter. Faculty members share their knowledge in a particular domain with all the members during this programme. Simultaneously student's knowledge sharing session is being conducted for the benefit of the students to update their knowledge in various domains.

**INDUSTRIAL VISITS AND INTERNSHIP TRAINING**

The industrial visits and Internship trainings are arranged for the students to expose them to the industrial environment and know about the products and practices. Students from I, II, III and IV year visited their domain based companies and get practical exposure in their specialized area. This year 446 Students of our college have attended Internship Training and 68 faculty members took industrial training from various Industries.

**REWARDS TO THE FACULTY MEMBERS AND STAFF**

Our management is magnanimous in providing cash awards for the faculty members who have produced the best results in the Anna University, Examinations held during 2018-19. Our faculty members produced 100% results in 15 subjects in the Anna University Examinations held during the academic year 2018-19. Simultaneously 95%-99% results in 27 subjects and 90-94% results in 17 subjects. In 2020 -21 almost all the faculty members have produced more than 90% result in all the papers.

**REWARDS TO THE STUDENTS**

With a view to motivating our students to excel in their academic, the following awards are constituted

- ✓ The Outstanding Student (Male) Award
- ✓ The Outstanding Student (Female) Award
- ✓ The Best Outgoing Sports Student(Man) Award
- ✓ The Best Outgoing Sports (woman)Student Award
- ✓ The Best Outgoing Student Award in various disciplines
- ✓ The Best alumnus Award
- ✓ The Best alumna Award

- ✓ Academic Topper Award in each year based on University Examination performance
- ✓ 100% attendance Award (in both Odd and Even semesters)

Each award carries Citation, Certificates and Cash prize.

### **STUDENTS' PARTICIPATION IN SYMPOSIUM/CONFERENCE/WORKSHOPS**

More than 6200 students have participated in various conferences, workshops, seminars, competitions, symposia and 65 students have presented papers in other colleges and universities.

### **QUALITY IMPROVEMENT CELL - NPTEL**

The National Programme on Technology Enhanced Learning (NPTEL) was initiated by seven Indian Institutes of Technology along with the Indian Institute of Science, Bangalore. This year the total number of registrations made for NPTEL online exam was 147 out of which 27 were by faculty members' and 120 by our students completed with 1 Elite Silver rank and 6 completed with Elite rank.

### **TRAINING AND PLACEMENT**

1. Training and Placement Cell co-ordinates with various industries, schedules many placement activities and arranges for industrial training to students during vacation.
2. Expert Trainers are imparting training to the students in developing personality development, technical and communication skills.
3. 570+ students placed in top companies through Campus Drive in the Academic Year 2020 - 2021
4. 40+ Student Placed in Top Companies with the Salary package between 6 – 3 LPA.



**ENTREPRENEURSHIP DEVELOPMENT CELL**

An **Entrepreneurship Development Cell** (EDC) is functioning in the college with the intention of nurturing **entrepreneurship** skills of the students. The **cell** provides a platform for the students to pursue **entrepreneurial** activities and also provide assistance to potential **entrepreneurs**.

- This year Mr. K. Karthik Velu, M.E., (Ph.D)., Psychological Life skill Development Trainer, CEO One Life – One Chance Life Skill Development Academy, Salem, delivered a one day Life Skill Programme on “CHANGE YOUR CHALLENGE to the EDC students on 01.02.2020.
- Mr. Murali Ellappan, Proprietor, Cotton Comfort, Erode, delivered a guest lecture on “Entrepreneurship and Innovation as career Opportunity” to the students on 21.11.2020 through Google meet.
- Mr. Kannan Ayyamuthu, CEO, Kannan Maavu Mill, Tiruppur, delivered a guest lecture on “Motivational Speech by Successful Entrepreneur” to the students on 12.12.2020 through Google meet.

**WOMEN DEVELOPMENT CELL**

Women Development Cell is functioning to uplift the status of girls’ students, female faculty, staff and rural women. It regularly organizes various programmes like medical camp; inter collegiate cultural competition and yoga programmes. Every year we celebrate International Women’s Day

The International Women’s Day was celebrated by the Women Development Cell of Erode Sengunthar Engineering College on 07-03-2020. Mrs. Mahalakshmi Saravanan, Founder, Women Entrepreneurs India, inspired the students with her motivational speech.

**SOCIAL WELFARE ACTIVITIES**

The College has many clubs and societies in order to channelize the students in their spare time for their overall physical, mental and spiritual development. Students actively take part in various clubs like National Service Scheme, English Literary Association, Youth

Red Cross, Tribal People Welfare Association, Women Development Cell, Tamil Mandram, Rotaract Club, Maths Club, Leo Club, Space Club, Fine Arts Club, Reading Club, Blood Donation Club, Yoga Club, Karate Club, Red Ribbon Club and Consumer Club. Some of the activities are as follows:-

### **RED RIBBON CLUB, LEO CLUB & YRC**

Red Ribbon Club, Youth Red Cross Society and Leo Club conducted blood donation camp on various occasions. A total of 150 units of blood were donated to Supreme and Government Blood Bank, Erode by our students. 15 Red Ribbon Club members donated their blood in the emergency needs.

### **NATIONAL SERVICE SCHEME**

NSS Regular activities for Unit -1 & unit-2 were conducted in 4 phases between 26.01.2020 and 30.03.2021 for 15 days at college campus and Thudupathi. 210 NSS volunteers took part in the camp. The following activities were conducted.

- Gramma Shaba Meeting
- Blood Donation Camp
- Awareness about COVID 19 pandemic
- Use of Face mask and Sanitizer awareness
- UBA volunteers supported Police in check post during COVID 19 lockdown period in Perundurai and Surrounding Areas
- Applied for VISWAKARMA Awards **2020**

### **ENGLISH LITERARY CLUB**

English Literary Club has been conducting various contests like Book Review, Debate, Essay, Oratorical Competitions, News Reading Contest and workshop on communicative skills for enhancing the communication skills of our students.

**PHYSICAL EDUCATION**

Erode Sengunthar Engineering College has been imparting the students not only the quality education but also providing opportunities to build up a health body and mind. Our students have participated in various sports and games and they brought many laurels to the Institution.

**TALENT EXAM for XII Students**

To face the Public Exam confidently, we have conducted Maths model exam for XII students. Around 5000 students took up the exam. District toppers were rewarded with Rs 5000 and top ranked 100 students were rewarded with Rs 2000 cash prize.

**DEPARTMENT OF BIO MEDICAL ENGINEERING****1. Best five achievements of the department 2020-21**

- Selvi. V. Sowndharya of III year Biomedical Engineering was awarded Bronze place, received a cash prize of Rs.2000/- and Job offer / Internship as a Hack 10XF conducted by Blackdart Solutions, Chennai on September 2021.
- Selvan. R. Vikram and Selvi P. Snega of III year Biomedical Engineering received a cash prize of Rs.1000/- as a top scorer in assessment conducted by Unacademy(PAN INDIA), Bangalore during an online webinar “Awareness on Government Job Opportunities for Engineering Students” on 25.11.2021.
- Selvan. A.Manimaran of the II year of Biomedical Engineering won the Gold Medal at the Southm Zone Championship 2021 held in Thoothukudi, Tamilnadu.
- Selvan M.Manikandan of the II year of Biomedical Engineering student won the Gold Medal at the 12th Nepal International Heroes Games Champions 2021.
- Selvi.K.Sujithra, Selvi.S.Harini and Selvan.P.Gokularaj placed third in MED PAROUSIASI organized by Department of Biomedical Engineering and Force Biomedical Society at Bannari Amman Institute of Technology, Sathyamangalam on 28 November 2021.
- Selvan.V.Satheesh from the final year of Biomedical Engineering got placeent offers in Tata Consultancy Service and Wipro with dual placement.

**2. Association activities**

- The Biomedical Engineering Engineers Students' Association was inaugurated in the year 2021 and named as 'MED-WINGS'. This Association is responsible for organizing Technical events, workshops, Guest Lectures etc., The association has played a vital role to form bridge between students and industry by organizing Industrial visit, Field visit to understand learning and understand the theoretical concepts. It develops student self-analyze, project management, proposal submissions, industry interaction, and intern-project collaboration activities.
- An online guest lecture was organized on 08.10.21 by the department of Biomedical Engineering. Mr. M. Karthikeyan, HR Department HCL Technologies, Chennai was the resource person.
- On 24.12.21, Ms.M.Subhashini, Application Specialist at GE Healthcare (Wellsta), Hyderabad, presented a Guest Lecture on the topic of "The Role of Application Specialist and Basics of Ultrasound".

**3. Guest Lectures/Leaders talk**

- Guest lecture on the topic "Role of Application Specialist and Basics of Ultrasound" was conducted on 06.09.2021. More than 150 students were participated in this function.
- The Department of Biomedical Engineering arranged an online Guest Lecture on the topic "Soft Skill Enhancement" on 08.10.2021. Mr. M. Karthikeyan, HR Department HCL Technologies, Chennai was the resource person.

**4. Details of paper presented by the students**

Sl. No	Name of the Student	Title	Venue	Date
1	V.Satheesh	Signal Procressing and Communication Technologies 2020	Kamaraj College of Engineering and Technology, Virudhunagar.	28.10.2020
2	T.Dharshini	Non Invasive Glucometer	KPR Institute of Engineering and Technology, Coimbatore.	21.02.2020
3	V.Satheesh	Paper Versa	Kongu Engineering College, Erode.	26.02.2020
4	R.Vinoth, K.C.Tamilselvan	Proton Beam Theraphy	KPR Institute of Engineering and Technology, Coimbatore.	21.02.2020
5	K.Prathap, R.Naveen Kumar	Non Invasive Glucometer	KPR Institute of Engineering and Technology, Coimbatore.	21.02.2020
6	K.Sujithra S.Harini	Bio Communication	Kongunadu College of Engineering and Technology	25.09.2021
7	Bharath.R	Artificial Limb Rehabilitation Robotics	SRM TRP Engineering College, Trichy.	25.03.2021
8	Ramya.S Thirsha.W.G	Telehealth Technology	Kongunadu College of Engineering and Technology	25.09.2021
9	Nivetha.K	Human Head Transplantation	Pavai Engineering College, Namakkal.	27.50.2021
10	Ramya.S Manoj.A.R	Nano Robotics	SNS College of Technology, Coimbatore.	14.02.2020

### 5. Participation by students in Seminar/National/ International conferences

S. No.	Name of the Student	Title of the Conference/Seminar	Venue	Date
1	C.Boopalan, M.hariharan, S.Sakthivel	Licensing / Commercialization of Patents / Technologies	Vel Tech Rangarajan Dr, Sagunthala R&D Institute of Science and Technology	12.10.2021
2	Manikandan.C, D.Sundry, T.M.Pavithra	Licensing / Commercialization of Patents / Technologies	Vel Tech Rangarajan Dr, Sagunthala R&D Institute of Science and Technology	12.10.2021
3	Gokulraj.P, Harini.S, Deepika.R, THirsha.W.G, Sharmila.M, Mohankumar.T, Vijay.A	Recent Advancement in Computational Biomechanical Modelling of Medical Prosthetic Implants	Dr.NGP Institute of Technology	12.11.2021
4	Ramya.S and Manoj.A.R	Nano Fibres	SNS College of Technology, Coimbatore.	15.02.2021
5	Karthick.K	Electrosurgical Unit	Prashan Medical Technologies.	20.09.2021
6	Karthick.K	Medical Devices Procurement & Maintenance Management	Indian Biomedical Skill Consortium (Online)	23.10.2021

### 6. Workshop attended by the Students

Sl. No	Name of the Student	Title of the Workshop	Venue	No of Days
1	B.Bharath, M.Hariharan, S.Sakthivel	Oxygen Concentrator	Bannari Amman Institute of Technology(Online)	5 Days
2	Sowndharya.V, Yalini.S, Snaga.P, R.Bharath	Java Programming and Advanced Python	ED Spread (Online)	25 Days

**7. Internship training attended by the students**

Sl. No	Name of the students	Year/Class	Name of the company	Date & Duration
1	A.Vignesh	IV / BME	Ultraserve Systems	20.10.2021 – 20.11.2021 1 Month
2	Krishnan.A and Loganathan.A	IV/BME	Shree Imaging Systems	18.10.2021 – 18.11.2021 1 Month

**8. Industrial training taken by the students**

Sl. No	Name of the students	Name of the company	Date & Duration
1	III Year Students	Medcuore Technology, Chennai.	03.01.2022 to 07.01.2022 5 Days

**9. Journal publications by the faculty**

S.No	Name of the faculty	Title of the Paper	Name of the Journal	Details
1.	Mr.M.Sundaram	Contour and Texture based approaches for Dental Radiographic and Photographic Images in Forensic identification	Springer Edition Research.	2021 (pp. 227-239)
2	Mr.M.Sundaram	Weighted 1D-local Binary pattern Features and Taylor-Henry gas solubility optimization based Deep Maxout network for discovering epileptic seizure using EEG	Elsevier Research.	2022 Jan 3:103349



**10. Publications by the faculty members in national/international conferences**

S. No.	Name of the faculty	Name of the Conference	Paper presented on (Topic)	Venue	Date
1	Mr.M.Sundaram	2021 International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT)	Grey wolf optimization with deep recurrent neural network for epileptic seizure detection in EEG signals	Bhilai	19.02.21 & 20.02.21
2	Mr.M.Sundaram	2021 Fourth ICECCT	Deer hunting optimization with deep neural network for automated arrhythmia diagnosis in ECG Signals	Velalar College of Engineering and Technology	15.09.21 - 17.09.21

**11. FDPs /STTPs attended by the faculty**

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1	Mrs.M.Dhivya, Mrs.K.K.Leka, Ms.M.Mohanavalli	Instrumentation, Signals and Images for the Evaluation of Physiological Systems	National Institute of Technology Tiruchirappalli (Online)	16.08.2021 - 20.08.2021. ( 5 Days)
2	Mrs.K.K.Leka, Ms.M.Mohanavalli	Artificial Intelligence Applications in Medical Diagnosis	B.S Abdur Rahman Crescent Institute of Science and Technology. (Online)	04.10.2021 - 08.10.2021 (5 Days)
3	Mrs.M.Dhivya, Mrs.K.K.Leka	Significance of Biomedical Engineering in Covid-19	Government polytechnic miraj. (Online)	20.09.2021 - 24.09.2021 (5 Days)
4	Ms.N.Ageela	Next-Generation Applications of Artificial Intelligence and Machine Learning for Smart IoT Applications (NxGA-AIM 2021)	New Horizon College of Engineering. (Online)	18.10.2021 - 22.10.2021 (5 Days)

5	Ms.N.Ageela	Application of AI, ML and DL in Smart Healthcare	Maulana Abul kalam Azad University of Technology, WB. (Online)	27.09.2021 - 01.10.2021 (5 Days)
6	Ms.N.Ageela	Recent advanced technologies for the development of biosensors and their applications	Sapthagiri College of Engineering. (Online)	27.09.2021 - 01.10.2021 (5 Days)
7	Mrs.M.Dhivya	Heart Rate Variability-Monitoring, Analysis and diagnosis	Model Engineering College. (Online)	25.10.2021 - 29.10.2021 (5 Days)

### 12. Industrial training taken by the faculty

Sl. No	Name of the faculty	Name of the company	Date & Duration
1	Mrs.K.K.Leka &Ms.N.Ageela	Maruthi Medical Centre and Hospital Erode	18.12.2021
2	Mrs.K.K.Leka Ms.N.Ageela	Abhi SK Hospital,Gobichettipalayam	25.12.2021
3	Mr.K.Balasubramanian Mrs.M.Dhivya	Sri Mani Hospital,Bhavani	18.12.2021
4	Mr.K.Balasubramanian Mrs.M.Dhivya	Ganesh Scans & Labs,Tiruppur	25.12.2021
5	Ms.M.Mohanavalli	Helix Pvt Ltd, Bangalore	16.05.2021 17.05.2021
6	Ms.M.Mohanavalli	Helix Pvt Ltd, Bangalore	23.05.2021 30.05.2021

### 13. NPTEL courses done by the faculty

Sl. No	Name of the faculty	Name of the Course	No of weeks	Rank
1	Mrs.M.Dhivya	Biomechanics of joints and orthopedic implants	8 weeks	Elite
2	Mrs.K.K.Leka	Biomechanics of joints and orthopedic implants	8 weeks	Elite

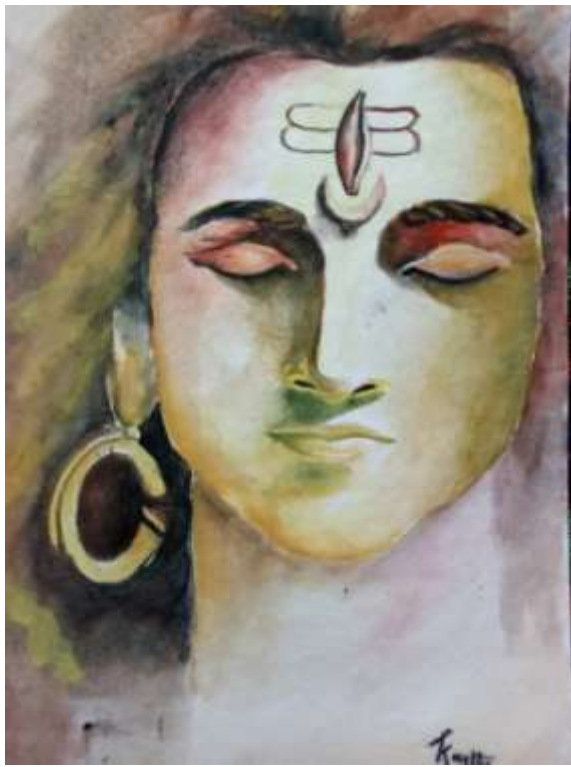
**14. Best outgoing student**

Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1	V Satheesh	IV Year	VII/BME	9.	I

**15. Class wise toppers list**

Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1	V Satheesh	IV Year	VII/BME	8.99	I
2	B Arunadevi	III Year	V/BME	9.12	I
3	S Shanthini	II Year	III/BME	9.15	I

**STUDENTS ACTIVITY CORNER**



**Mr.K.Karthikeyan,**

**II Year BME.**



Ms S.Shanthini,II Year BME.

### தமிழ் கவிதை - கண்ணாடி

காலையில் விழித்துப் பார்ப்பது உன்னை தான்  
கடக்கும் நாளை உன்னுடன் தொடங்குகிறேன்  
கண்ணீர் வடித்தாலும் உடன் இருப்பாயே!  
கவலை மறந்து சிரிக்கும் போதும்,  
காணாமல்போன என்னை கண் முன்னும்  
கோப அரக்கனை கோமாளி ஆக்கியும்  
பிறர் சிரித்து மகிழ என்னைக் கண்டு,  
நீயே துணையாய் என்னுடன் இருந்த போதும்  
தவறு செய்து தவிக்கும் போதும்  
பேச ஒரு நண்பனாய் இருந்தாய் !  
என் நெருங்கிய நண்பனே கண்ணாடி!



Mr.V.Satheesh,

Final BME.

பூவை அவள் பூப்படைந்தாள்,  
 புத்தாடை அணிந்து பச்சை  
 ஓலையடியில் அமர்ந்தாள்,  
 அழையா விருந்தாளி ஒன்று வந்ததால்,  
 அவளின் அணையாடைக்கு வேலை வந்தது.  
 அவள் அணையாடை அணிந்தும்,  
 அணிந்தபின் நனைந்தும்,  
 வலியோடு வழிந்தோடியது உதிரம்.

பாவம்,  
 பூ-அவளின் பூக்கிண்ணம்  
 ஆனது கம்பூனிஸ்ட் வண்ணம்.

பூ-அவள் பூவை தொட்டால் வாடிடும் என்பார்கள்,  
 பூ-அவள் வயல்வெளி சென்றால் கருகிடும் என்பார்கள்,  
 பூ-அவள் கோவில் சென்றால் தீட்டு என்பார்கள்,  
 அவள் தீட்டு என்றால்  
 அவளால் உருவாகும் நாம் யார் ?

சி.பூபாலன்



**Mr.C.Boobalan,  
 Final BME.**

**List of students placed in top-notch companies**

		
Prathap K Health Watch Telediagnosics Private Limited, Chennai 2.0 LPA	Naveen Kumar R Job World, Bengaluru 2.75 LPA	Hariharan M Job World, Bengaluru 2.75 LPA
		
Satheesh V TCS and Wipro 3.5 LPA	Dharshini T Webberax, Chennai 2.75 LPA	Bharath B Health Watch Telediagnosics Private Limited, Chennai 2.0 LPA
		
Boobalan C Job World, Bengaluru 2.75 LPA	Vinoth R Health Watch Telediagnosics Private Limited, Chennai 2.0 LPA	Loganathan A Health Watch Telediagnosics Private Limited, Chennai 2.0 LPA



		
<p>Krishnan A Health Watch Telediagnosics Private Limited, Chennai 2.0 LPA</p>	<p>Sindhu S Job World, Bengaluru 2.75 LPA</p>	<p>Vinitha B Health Watch Telediagnosics Private Limited, Chennai 2.0 LPA</p>
		
<p>Manikandan C Health Watch Telediagnosics Private Limited, Chennai 2.0 LPA</p>	<p>Tamilselvan K C Health Watch Telediagnosics Private Limited, Chennai 2.0 LPA</p>	<p>Ragavi V Health Watch Telediagnosics Private Limited, Chennai 2.0 LPA</p>
		
<p>Pavithra T M Health Watch Telediagnosics Private Limited, Chennai 2.0 LPA</p>	<p>Sakthivel S Job World, Bengaluru 2.75 LPA</p>	<p>Vignesh A Ultraserve System, Chennai 1.80 LPA</p>



### **Department of Civil Engineering**

#### **1. Best five achievements of the department**

- Dr.S.Christian Johnson Professor of Civil Engineering is acting as an Expert Member, CIGRE National Study Committee on “B2: Overhead lines” from 2020.
- Ms.M.Vanitha of Civil Engineering has successfully completed the national level online Quiz on strength of materials with a score of 100% organized by Vishnu Institute of Technology, Kakinada.
- Dr.S.Christian Johnson Professor of Civil Engineering is acting as an Editor in Chief, SHARE it Journal (Scientific Hub of Applied Research in Engineering and Information Technology) from 2021.

#### **2. Association activities**

- The Department of Civil Engineering arranged a Guest Lecture on the topic “Challenges and opportunities in coastal and ocean Engineering for Engineers” Program on 10.06.2020. Dr.S.Neelamani, senior research scientist, kuwait Institute of scientific research, was the resource person.

#### **3. Guest Lectures/Leaders talk**

- The Department of Civil Engineering arranged a Guest Lecture on the topic “Research proposal preparation - Intricacies and opportunities” Program on 19.06.2020. Dr. S.Neelamani, Senior Research scientist, Kuwait Institute of scientific Research, was the resource person.
- The Department of Civil Engineering arranged a Guest Lecture on the topic “Career Opportunities in Civil Engineering” Program on 25.05.2020. Dr. S.Kalirajan, GM & Head - special initiatives (Nuclear), L & T construction, heavy civil Infrastructure IC, Chennai, was the resource person.

- The Department of Civil Engineering arranged a Guest Lecture on the topic “Career Digitalization in Construction” Program on 22.05.2020. Dr. S.Kalirajan, GM & Head - special initiatives (Nuclear), L & T construction, heavy civil Infrastructure IC, Chennai, was the resource person.
- The Department of Civil Engineering arranged a Guest Lecture on the topic “Career Opportunities in Civil Engineering” Program on 16.05.2020. Er. R.Joseph, Managing Director and Engineer, Journey happy Construction, Erode, was the resource person.

#### 4. Details of paper presented by the students

Sl. No	Name of the Student	Title	Venue	Date
1	M.Aravindh kumar M.vignesh	Experimental investigation on concrete by replacement of bore well sand	PSR Engineering Sivagasi	05 .03.2020
2	M.Thamarai selvam S.Muthuraman	Geo polymer concrete	PSR Engineering Sivagasi	05 .03.2020
3	M.Aravindh Kumar P.Vigneshwaran	Experimental investigation on FAI Gel concrete	Sri venkateswara Hi-Tech Engineering College, Gobi	27 .02.2020
4	M.Thamarai selvam S.Muthuraman	Geo polymer concrete	Sri Venkateswara Hi - Tech Engineering College, Gobi	27 .02.2020
5	S.Bagvathi	Water resource Engineering and management	Kongunadu College of Engineering ,Technology	30.09.2020
6	S.Bagvathi	Nano Technology and materials	Jai Shri Ram Engineering college, Tiruppur	29.9.2020
7	M.Aravindh Kumar	Experimental investigation on FAI Gel concrete	Excel Engineering College, Namakkal.	29.1.2021

8	M.Aravindh Kumar	Geo polymer concrete	K.Ramakrishnan College Of Engineering	18.02.2021 - 19.02.2021
9	M.Aravindh kumar	Idea presentation	K.Ramakrishnan College Of Engineering	18.02.2021 - 19.02.2021
10	M.Aravindh Kumar	Elocution	K.Ramakrishnan College Of Engineering	18.02.2021 - 19.02.2021
11	M.Aravindh Kumar	Short Film	K.Ramakrishnan College Of Engineering	18.02.2021 - 19.02.2021
12	M.Aravindh Kumar	Photography	K.Ramakrishnan College Of Engineering	18.02.2021 - 19.02.2021

#### 5. Participation by students in Seminar/National/ International conferences

S.No.	Name of the Student	Title of the Conference/Seminar	Venue	Date
1	S.Thenmozhi M.Vanitha	Recent advances in science & technology of concrete	Indian Institute of Technology,	02.02.2020
2	MuthuRaman	A Journey of civil engineer as an entrepreneur	KPR Institute of Engineering and Technology,	06.05.2020
3	S.Priyanka	Achieving sustainable concrete through use of mineral admixtures	Indian Concrete Institute , Bangalore	8.05.2020
4	Suganthi	Tunneling Instrumentation and monitoring	KPR Institute of Engineering and Technology,	8.05.2020
5	MuthuRaman Santhiya	Training on sketch up software	Dr.N.G.P.Institute of Technology	09.05.2020
6	S.Priyanka	Application in space Technology	Sri Venkateswara college of Technology,	9.05.2020

7	Suganthi	Career opportunities for civil engineers through gate	KPR Institute of Engineering & Technology, Coimbatore,	09.05.2020
8	J.Suresh Kumar Suganthi P.Karthika	Environmental management strategies	KPR Institute of Engineering & Technology, Coimbatore,	10.05.2020
9	S.Priyanka Muthuraman	BIM Concepts using TEKLA Structures	Dr.N.G.P.Institute of Technology	11.05.2020
10	MuthuRaman	Structural steel design concepts	Prathyusha Engineering College	11.05.2020
11	S.PriyankaPreethika Sneha, Dhivya Karthika G.R.Sandhiya M.Vanitha, Suresh	Structural steel design concepts	Prathyusha Engineering College	11.05.2020
12	S.Priyanka R.Santhiya	Performance of high strength concrete	Indian Concrete Institute , Bangalore	11.05.2020
13	A. Esther Baby R.E.Keerthana S.Thenmozhi Muthuraman	Water Treatment-advanced oxidation process	KPR Institute of Engineering and Technology, Coimbatore,	12.05.2020
14	R.E.Keerthana P.Karthika	Precaution in construction	KPR Institute of Engineering and Technology, Coimbatore,	13.05.2020
15	S.Priyanka Santhiya R S.Thenmozhi	The Do's and dont's of general construction	Indian Concrete Institute , Bangalore	13.05.2020
16	A. Esther Baby	Post COVID-19 Precautions in Construction	KPR Institute of Engineering and Technology, Coimbatore,	13.05.2020

17	A. Esther Baby	Space & zones for HVAC design	Dr.N.G.P. Institute of Technology,	13.05.2020
18	Muthuraman R.E.Keerthana A. Esther Baby M.Vanitha Santhiya R	Emerging trends in make shift structures”	KPR Institute of Engineering and Technology, Coimbatore,	14.05.2020
19	S.Priyanka R.Santhiya P.Karthika	Recents developments in remedial engineering for concrete structures	Indian Concrete Institute , Bangalore	14.05.2020
20	Santhiya R S.Priyanka	Role of chemical admixture in advance construction	Indian Concrete Institute Bangalore Centre	14.05.2020
21	Muthuraman A. Esther Baby S.Thenmozhi R.E.Keerthana	Fire Safety in Structures	KPR Institute of Engineering and Technology, Coimbatore,	15.05.2020
22	A. Esther Baby P.Karthika	Intelligent Transportation System for Smart Cities: Applications and Challenges	Kongunadu College of Engineering & Technology	15.05.2020
23	Santhiya R Muthuraman M.Vanitha P.Karthika	Interest & Time value of money in Construction	Indian Concrete Institute Bangalore	15.05.2020
24	S.Thenmozhi R.E.Keerthana	Fitness for students during lockdown	KPR Institute of Engineering and Technology,	16.05.2020
25	S.Priyanka Santhiya R P.Karthika	Understanding of disputes, mitigation and resolution in a construction project	Indian Concrete Institute , Bangalore	16.05.2020
26	Santhiya	Satellite monitoring way for an efficient irrigation	KPR Institute of Engineering and Technology,	16.05.2020

27	Muthuraman P.Karthika	How to crack TNPSC Examination- Interaction with engineers	KPR Institute of Engineering	17.05.2020
28	Santhiya R P.Karthika M.Vanitha	Ready mix concrete Production	Indian Institute – Bangalore Centre	17.05.2020
29	P.Karthika Santhiya R S.Priyanka	Being Employable : Construction industry perspective	Indian Concrete Institute , Bangalore	18.05.2020
30	M.Vanitha P.Karthika	Application of space Technology	Sri Venkateswara College of Technology	19.05.2020
31	S.Priyanka M.Vanitha P.Karthika Lakshmi Priya M M.Vanitha Muthuraman	Emerging opportunities in civil engineering	Sri Venkateswara College of Technology,	20.05.2020
32	M.Vanitha Santhiya R	Competency Targets for Employability	Indian Concrete Institute – Bangalore Centre	22.05.2020
33	S.Priyanka P.Karthika	Environment and sustainable development	Francis Xavier Engineering College, Tirunelveli	23.05.2020
34	Muthuraman P.Karthika	Application and practical aspects of civil engineering	Kongunadu College of Engineering and Technology for Women	23.05.2020
35	S.Priyanka P.Karthika Santhiya R	Use of admixtures for sustainable concretes	Indian concrete Institute , Bangalore	27.5.2020
36	S.Priyanka M.Vanitha P.Karthika	Polymer modified bitumen	KPR Institute of Engineering and Technology	26.05.2020
37	M.Vanitha P.Karthika	Selection of appropriate mode of transport based on demand of the city	KPR Institute of Engineering and Technology	27.05.2020

38	Muthuraman M.Vanitha	Application of Ground Improvement Techniques. A case study	Don Bosco Institute of Technology	27.05.2020
39	M.Vanitha Muthuraman P.Karthika	Highway pavement Design	KPR Institute of Engineering and Technology	28.05.2020
40	M.Vanitha P.Karthika	Future of Civil Engineering in India	SCAD College of Engineering & Technology	28.05.2020
41	M.Vanitha P.Karthika	Job opportunity & challenges of civil Engineers after graduation	KPR Institute of Engineering and Technology	29.05.2020
42	Muthuraman	Global opportunities in space exploration and research	Sri Venkateswara College of Technology,	29.05.2020
43	R.E.Keerthana P.Karthika Santhiya M.Vanitha	Challenges in concrete technology	Indian concrete Institute,	29.05.2020
44	M.Vanitha	Sustainable construction Materials	SCAD College of Engineering & Technology	30.05.2020
45	Muthuraman P.Karthika	Additive Manufacturing & it's Applications"	Sri Venkateswara College,	30.05.2020
46	P.Karthika	PPP in Infrastructure development	KPR Institute of Engineering and Technology	30.05.2020
47	M. Thamarai Selvam	Sustainable Civil Engineering Practices- Green Buildings initiative -The way Forward	Erode Sengunthar Engineering college, Perundurai,	1.6.2020.
48	M.Vanitha	Environmental clean up	Kongunadu College of Engineering & Technology,	01.06.2020

49	M.Vanitha	Numerical simulations in river restorations	Kongunadu College of Engineering & Technology,	02.06.2020
50	M.Vanitha P.Karthika G.R.Santhiya	Role of Planning Engineer in construction field	Vivekananda College of Technology for Women, Namakkal	03.06.2020
51	M.Vanitha	Overview of finite element Analysis	Kongunadu College of Engineering & Technology,	03.06.2020
52	M.Vanitha	Fibre reinforced concrete	Kongunadu College of Engineering & Technology,	04.06.2020
53	R.E.Keerthna A.Esther Baby Muthuraman	Concrete: The Modern Era”	KPR Institute of Engineering and Technology	04.06.2020
54	Muthuraman P.Karthika	Concrete technology for digital Era-research and industrial perspective	Kalasalingam Academy of Research and Education on 04.06.2020	04.06.2020
55	A.Sasikumar P.Karthika	Current concrete NDT practices in India	KPR Institute of Engineering & Technology, Coimbatore,	04.06.2020
56	Muthuraman A.Sasikumar P.Karthika	Structural analysis & design using ETabs”	KPR Institute of Engineering and Technology	05.06.2020
57	R.E.Keerthana	Civil engineering soft wares	KPR Institute of Engineering and Technology	05.06.2020
58	M.Vanitha	Basics of finite element Analysis	Kongunadu College of Engineering & Technology,	05.06.2020
59	A.Sasikumar Muthuraman Santhiya P.Karthika R.E.Keerthana M.Vanitha	Project Management using primavera	KPR Institute of Engineering & Technology, Coimbatore,	06.06.2020



60	R.E.Keerthana	Earthquake resistant structure	Indian concrete Institute, Bangalore	09.06.2020
61	santhiya	Expert lecture on temperature concrete	Indian concrete Institute, Bangalore	8.6.2020
62	S.Thenmozhi R.E.Keerthana	Challenges & ocean engineering for engineers	Erode Sengunthar Engineering College,	10.06.2020
63	Muthraman	Achievement of quality of cement & concrete to meet consumer expectations	Concrete ready-mix pvt.ltd on	13.06.2020
64	M.Vanitha	The Bridges	Mohamed sathak AJ College of Engineering, Chennai	13.06.2020
65	R.E.Keerthana M.Vadivel C.M.Krishnakanth	A to Z of prestressing	Indian Concrete Institute,	16.06.2020
66	M.Vanitha R.E.Keerthana A.Sasikumar P.Karthika	A marvel engineering in concrete	KPR Institute of Engineering and Technology	17.06.2020
67	C.M.krishnakanth M.vadivel	BIM for Civil &Structural Engineers	Kongunadu College of Engineering & Technology,	17.06.2020
68	Muthuraman A.Sasikumar M.Aravindh kumar	Road map to get a quality patent"	P.T.Lee Chengalvarayanaickar College of engineering and Technology for women	18.06.2020
69	M.Vanitha	Waste to Energy concepts and its role in waste Diversion	Hindustan College of Engineering and Technology	19.06.2020
70	Lakshmi priya M G.R.Sandhiya M.Vanitha Muthuraman S.Thenmozhi M.Aravindh kumar	Research proposal preparation – Intricacies and opportunities	Erode sengunthar Engineering College, Perundurai	19.06.2020

71	M.Vanitha A. Esther Baby	Career Development Program for civil Engineering	CADDESK Coimbatore	19.06.2020
72	R.E.Keerthana	Ways to maintain your fitness when you are super busy”	KPR Institute of Engineering and Technology, Coimbatore,	19.06.2020
73	M.Vanitha	5D BIM ( NAvis Work)	KPR Institute of Engineering and Technology, Coimbatore,	22.06.2020
74	M.Vanitha	Overview of ready Mix concrete	Kongunadu college of Engineering & Technology, Thottiam	23.06.2020
75	A. Esther Baby M.Vanitha	Low Carbon Building Materials & Techniques to Optimize Carbon Emission	Kongunadu College of Engineering & Technology,	24.06.2020
76	A.Esther Baby M.Aravindh kumar	BIM for Civil & Structural Engineers”	Kongunadu College of Engineering & Technology,	26.06.2020
77	M.Aravindh Kumar	Modular construction – Line construction Technology	Sri venkateswara College of Engineering, Sriperumbudur	26.6.2020
78	M.Vanitha	Estimation using cost 5D	Kongunadu College of Engineering & Technology,	27.06.2020
79	Suganthi M.Aravindh kumar	Environmental impact Assessment	Hindustan College of Engineering & Technology	28.06.2020
80	M.Vanitha	Entrepreneurial Thinking	KPR Institute of Engineering and Technology, Coimbatore,	30.06.2020
81	M.Aravindh kumar	Video Streaming and its applications	Sri Ranganathar Institute of Engineering & Technology, Coimbatore	30.06.2020.

82	M.Vanitha G.Sabareesh	Civil Engineers' Technical Training	CADDESK, Coimbatore	30.06.2020
83	A.Sasikumar	How to manage risk in construction	KPR Institute of Engineering & technology, Coimbatore,	01.07.2020
84	A.Sasikumar	Concrete Admixtures	KPR Institute of Engineering & Technology, Coimbatore,	02.07.2020
85	M.Vanitha	Use of Micro materials in concrete	Qcrete Ready-mix (India) Pvt Ltd	04.7.2020
86	M.Vanitha	Parallels between Entrepreneurship and sports	KPR Institute of Engineering & technology, Coimbatore,	07.07.2020
87	M.Vanitha	Light weight aggregate and its influence in concrete	KPR Institute of Engineering & Technology, Coimbatore,	09.07.2020
88	A.Sasikumar	Carrers opportunities for civil Engineers in UAE	KPR Institute of Engineering & Technology, Coimbatore,	10.07.2020
89	M.Vanitha	Effective use of concrete for RCC structures	Qcrete Ready-mix (India) Pvt Ltd	10.07.2020
90	M.Aravindh kumar S.Anguraj	ICI National Concrete Quizathon	Indian Concrete Institute Students Chapter of Civil Engineering Department, Nirma University	12.07.2020
91	M.Aravindh Kumar	Smart Engineering materials And Applications"	IGBC Student Chapter, Pillai HOC College of Engineering and Technology, Rasyani,	12.07.2022 0

92	A.Sasikumar	Vasthu Sashttra	KPR Institute of Engineering & Technology, Coimbatore,	13.07.2020
93	A.Sasikumar	Buildings cracks and causes	KPR Institute of Engineering & Technology, Coimbatore,	16.07.2020
94	A.Sasikumar	3D Modeling using Revit Structure	KPR Institute of Engineering & Technology, Coimbatore,	17.07.2020
95	M.Vanitha	Biomolecules as water quality concern	KPR Institute of Engineering & Technology, Coimbatore,	18.07.2020
96	M.Aravindh Kumar	Hydro power Structures	Sakthi polytechnic College, Erode	21.07.2020
97	A.Sasikumar	5 D Building Information Modeling	KPR Institute of Engineering & technology, Coimbatore,	22.07.2020
98	M.Vanitha	Applications for civil Engineers in AR & VR	KPR Institute of Engineering & Technology, Coimbatore,	24.07.2020
99	M.Vanitha	Misconceptions and facts about Ready-mix Concrete	Indian Concrete Institute – Bangalore Centre	24.07.2020
100	M.Vanitha	Design for lateral forces - wind	KPR Institute of Engineering & Technology, Coimbatore,	25.07.2020
101	A. Esther Baby	Strength of Materials	Vishnu Institute of Technology	27.07.2020
102	A.Sasikumar R.E.Keerthana	Scaffolding in construction industry	KPR Institute of Engineering & Technology, Coimbatore,	29.07.2020

103	M.Aravindh Kumar	“Quizzard”	KPR Institute of Engineering & technology, Coimbatore	22.7.2020 & 23.7.2020
104	A.Sasikumar	Concrete the Modern Material Mostly Deployed for Modern construction	KPR Institute of Engineering & technology, Coimbatore,	30.07.2020
105	A.Sasikumar	How to Draw the Approval Drawing	KPR Institute of Engineering & technology, Coimbatore,	31.07.2020
106	A.Sasikumar	Case study on foundations	KPR Institute of Engineering & Technology, Coimbatore,	06.08.2020
107	A.Sasikumar	How to Prepare Excel Sheet for Foundation Design	KPR Institute of Engineering & Technology, Coimbatore,	07.08.2020
108	G.Sabareesh	Self Compacting Concrete	Sai Vidya Institute of Technology, Bengaluru-64 in association with Prayojana Construction Management Training Institute, Bangalore,	14.08.2020
109	G.Sabareesh	Developments In Concrete and Construction	Vaag devi college of Engineering, Warangal,	30.8.2020.
110	M.Aravindh Kumar	Concepts of Structural Analysis	Sri Ranganathar Institute of Engineering & technology, Coimbatore	14.10.2020.
111	G.Sabareesh M.Aravindh Kumar	Pains In Concrete And Remedial Measures With The Application Of Ndt	Sri Ranganathar Institute of Engineering and Technology, Coimbatore,	17.10.2020
112	M.Aravindh Kumar	climate change and carbon footprint	Sri Ranganathar Institute of Engineering	22.10.2020

113	M.VADIVEL A. Esther Baby R.E.Keerthana	Earthquake resistant structures	Arasu engineering college	17.11.2020
114	A. Esther Baby	Application of non-Biodegradable wastes in concrete	Kongunadu College of Engineering & Technology,	18.11.2020
115	A. Esther Baby	Polymer Electrolyte Membrane Fuel Cells	Kongunadu College of Engineering & Technology,	21.12.2020
116	A. Esther Baby	Natural dyes: An Alternate Source for Synthetic Dyes	Arasu Engineering College,	29.12.2020
117	A. Esther Baby	Formability Of Steels	Arasu Engineering College	04.01.2021
118	U.Varsshini	Environment and cancer	Arasu engineering college on	03.02.2021
119	G.Sabareesh	Bacteria Concrete: An Innovative Approach Towards Sustainable Future	INDIAN CONCRETE INSTITUTE (ICI) Jyothi engineering college, Cheruthuruthy,	08.02.2021
120	U.Varsshini A. Esther Baby	Soft skills are life skills	Arasu engineering college	10.02.2021
121	U.Varsshini	Overview on advancements in renewable energy-A fundamental numerical talk	Arasu engineering college	27.02.2021
122	M.Aravindh kumar	Green Building: Facts and Myths	IGBC Student Chapter, Pillai HOC college of Engineering and Technology, Rasyani	28.02.2021

### 6. Workshop attended by the Students

Sl. No	Name of the Student	Title of the Workshop	Venue	No of Days
1	M.Vanitha	Civil Engineering Quiz - 2020	Dr.N.G.P Institute of Technology	14.05.2020 – 16.05.2020
2	Muthuraman Suresh Kumar J P.Karthika,Santhiya, S.Priyanka,M.Vanitha	Indian seismic codes IS 1893:2016 & IS 13920:2016	R.M.K. Engineering college, Thiruvallur	18.05.2020 - 22.05.2020
3	G.Sabareesh	Developments In Concrete and Construction	SRM Institute of Science & Technology, Ramapuram, Chennai	23.7.2020- 29.7.2020
4	M.Aravindh Kumar,	Design it	KPR Institute of Engineering & technology, Coimbatore	22.7.2020 & 23.7.2020
5	G.Sabareesh	project management	CEO, Edifice Placement solutions,	30.07.2020 – 31.07.2020
6	G.Sabareesh	Civil Engineering Software	CADD centre & dream zone and Kumar guru college of Technology, Coimbatore,	02.11.2020 – 06.11.2020

### 7. Internship training attended by the students

Sl. No	Name of the students	Year/Class	Name of the company	Date & Duration
1	Thamaraiselvam M	IV Civil	MV Constructions, Thiruninravur	14.10.2020 - 20.11.2020

2	P.Vigneshwaran	IV Civil	PG Constructions, Erode	11.11.2020- 27.11.2020
3	Vickraman	IV Civil	GJ Constructions, Vellore	18.11.2020- 29.11.2020
4	J.Gokulnathan	IV Civil	Infrastructure and property developers	5.10.2020-26.10.2020
5	M.Kalaiselvi	IV Civil	MV Construction, Thiruninravur	7.01.2021 - 21.01.2021
6	S.Maheswari	IV Civil	Sri vishnu builders. Coimbatore	5.11.2020 - 14.11.2020
7	S.Natrayan	IV Civil	New Generation Builders & Planners	23.9.2020- 3.10.2020
8	E.Midhun	IV Civil	Malabar Tech Constructions, kerala	15.11.2020-30.11.2020
9	K.Harishkumar	IV Civil	Babu Builders & Contractors, Erode	05.01.2021 - 31.01.2021
10	S.Balamurugan	IV Civil	RR Thulasi Builders India	15.11.2020- 30.11.2020
11	R.Dhanudran	IV Civil	MP Associates, Theni	9.12.2020 - 23.12.2020

### 8. NPTEL course done by the students

Sl. No	Name of the student	Name of the Course	No of weeks	Rank
1	J.Suresh Kumar	Natural Hazardous	8 Weeks (Jan – March 2020)	80%



### 9. Journal publications by the faculty

S.No	Name of the faculty	Title of the Paper	Name of the Journal	Details
1.	Dr. K.M.Gopalakrishnan	Performance Of Manufactured Sand Concrete With Different Proportion Of Latex And Super Plasticizers	Caribbean journal of Scientific	Acceptance letter
2.	Dr.S.Christian Johnson	Sustainability Of No- Fine Concrete With Fibre Reinforcement	The Journal of Environmental Protection and Ecology (JEPE)	December 2020 21(6):2131-2143
3.	Arun Prasad J, Fathima Darras Gracy A	Removal of Nickel, Manganese and Zinc from industrial effluent using eucalyptus camaldulensis and camellia sinensis adsorbent	International Journal of Advanced Research in Science and Engineering	JULY 2020
4.	Arun Prasad J,	Design And Implementation Of Kitchen Waste Biogas Plant	International Journal of Advanced Research in Science and Engineering	JULY 2020
5.	Dhivakar Karthick M, Fathima Darras Gracy A	Conversion Of High Cod Content Wastewater Into Biogas	Journal of Information and Computational Science	Volume 13 Issue 8 – 2020
6.	Fathima Darras Gracy A, Krishnasamy R	Introducing Casuarina Fruit As Natural Media In Mbbf And Finding Its Performance In Different Temperature	International Journal of Advanced Research in Science and Engineering	JULY 2020

7.	Arun Prasad J,	Analysis For The Biosorption Of Nickel And Chromium From Industrial & Hospital Waste Water	International Journal of Advanced Research in Science and Engineering	JULY 2020
----	----------------	--	---	-----------

### 10. Publications by the faculty members in national/international conferences

S. No.	Name of the faculty	Name of the Conference	Paper presented on (Topic)	Venue	Date
1.	Arun Prasad J, Fathima Darras Gracy A	International Journal of Advanced Research in Science and Engineering	Removal Of Nickel, Manganese And Zinc From Industrial Effluent Using Eucalyptus Camaldulensis And Camellia Sinensis Adsorbent	International Center Goa, Panjim , Goa	JULY 2020
2.	Dhivakar Karthick M, Fathima Darras Gracy A	Journal of Information and Computational Science	Conversion Of High Cod Content Wastewater Into Biogas	Dolphin (PG) College of Science & Agriculture ,Chunni Kalan ,Punjab	Volume 13 Issue 8 – 2020
3.	Fathima Darras Gracy A, Krishnasamy R	International Journal of Advanced Research in Science and Engineering	Introducing Casuarina Fruit As Natural Media In Mbbf And Finding Its Performance In Different Temperature	International Conference on Current Research trends in Engineering ,Science and Management , Sambharam Insitutue of Technology(SAIT)	JULY 2020
4.	Arun Prasad J,	International Journal of Advanced Research in Science and Engineering	Analysis For The Biosorption Of Nickel And Chromium From Industrial & Hospital Waste Water	International Conference on Current Research trends in Engineering ,Science and Management , Sambharam Insitutue of Technology(SAIT)	JULY 2020

5	R.Krishnsamy	International Journal of Advanced Research in Science and Engineering	Experimental Investigation On Pet Bottles Into Fabric	International Conference on Current Research trends in Engineering ,Science and Management , Sambharam Insitutue of Technology(SAIT)	JULY 2020
---	--------------	---	---	--	-----------

### 11.FDPs /STTPs Attended By The Faculty

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1.	Mr.J.Arun Prasad	Sustainable Materials and its Green Technology Applications- STTP	Indian Society for Technical Education (Adithya Institute of Technology)	21.12.2020 to 26.12.2020
2.	M Dhivakar Karthick	Latest Innovations and Technological Advancements in Concrete Technology- STTP	Kalasalngam Academy of Research and Education, Krishnankoil	07.12.2020 to 12.12.2020
3.	M Dhivakar Karthick	AICTE sponsored six days Online Short-Term Training Program on Life Cycle Assessment And Structural Health Monitoring Of Structures (Phase I)- Sttp	[Vinayaka Missions Research Foundation University] Aarupadai Veedu Institute of Technology, Chennai	02.11.2020 to 07.11.2020
4.	Mr.J.Arun Prasad	Advanced Mechanics of Materials- STTP	K.S.Rangasamy College of Technology	23 <sup>rd</sup> to 28 <sup>th</sup> Nov 2020 (Phase II)
5.	R.Krishnasamy	Advanced Mechanics of Materials- STTP	KSR College of Technology, Namakkal	23 <sup>rd</sup> to 28 <sup>th</sup> November 2020
6.	M Dhivakar Karthick	Scientific Writing On Latex- FDP	BGSB University	05.10.2020 to 09.10.2020

7.	Dr.S.Arulmozhi	Municipal Solid Waste Management-FDP	NPTEL-AICTE	Sep to Dec 2020
8.	Mrs. A.Fathima Darras Gracy	Moodle Learning Management System-FDP	Anna University, Chennai	15.09.2020-31.12.2020
9.	M Dhivakar Karthick	Low Carbon Energy Buildings-STTP	Mahendra Engineering College	14.09.2020 19.09.2020
10.	M Dhivakar Karthick	Recent Advancements In Concrete Technology-FDP	Dr B R Ambedkar Institute Of Technology	15.09.2020 to 19.09.2020
11.	M Dhivakar Karthick	Recent Advances In Renewable Energy Technologies For Sustainable Development- FDP	Jaipur Engineering College	21.08.2020 to 22.08.2020
12.	M Dhivakar Karthick	Low Carbon Energy Buildings (Phase-II)- FDP	Mahendra Engineering College [Autonomous]	17.08.2020 to 22.08.2020
13.	Mrs. A.Fathima Darras Gracy	Low carbon energy building (phase-2)''- STTP	Mahendra Engineering College, Namakkal	17.8.2020 – 22.8.2020
14.	Mrs. Fathima Darras Gracy	FDP on Developments in concrete & construction- FDP	SRM Institute of science & Technology, Chennai	23.7.2020 to 29.7.2020
15.	Mrs. Fathima Darras Gracy	STTP on Low carbon energy building ( phase I)-STTP	Mahendra engineering college, Namakkal	27.7.2020 to 2.8.2020
16.	Mrs. A.Fathima Darras Gracy	Recent Trends in Civil Engineering- FDP	Balaji Institute of Technology & science, Warangal	6.7.2020 – 11.7.2020
17.	Mr.J.ArunPrasad Mr.R.Krishnasamy	Three Days National Fdp on Advanced E-Learning In Structural Engineering Design Concepts-FDP	Hindustan college of technology	29 -06-2020 to 01-07-2020 (10.30AM to 12.00P.M)

### 12. Workshop Attended By the Faculty

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1.	M Dhivakar Karthick	Green Building Technology	Chennai Institute Of Technology	21.05.2020
2.	M Dhivakar Karthick	Ground Improvement Techniques For Infrastructure Development	Dr.N.G.P Institute Of Technology	06.06.2020
3.	Dr.K.M.Gopala Krishnan Dr. S. Christian Johnson Dr.P.Balamurugan Mr.D.Krishna Mr.J.Arun Prasad Mr.R.Krishnasamy M.Divakarkarthick Mr.M.Balaji Mrs. Fathima Darras Gracy	Webinar on Research proposal preparation – Intricacies & opportunities	ESEC	19.6.2020
4.	Mr.R.Krishnasamy	Basics of Structural Engineering	Builders Engineering College	28-06-2020
5.	Mr.R.Krishnasamy	E-Quiz on Civil Q 2020	DOTE-GPC,Coimbatore	29 -06-2020
6.	Mr.J.ArunPrasad Mr.R.Krishnasamy	Research Techniques and Tips for Article Writing	Vidya Jothi Institute of Technolgy,Hyderabad	03-07-2020
7.	Mr.M.Balaji Mr.J.ArunPrasad Mr.R.Krishnasamy	Research Techniques and Tips for Article Writing	Vidya Jothi Institute of Technolgy,Hyderabad	03-07-2020

8.	M.Divakarkarthick	Finite element modeling of old masonry structure	shri vaishnav institute of technology and science	06-07-2020
9.	Mr.R.Krishnasamy	Entrepreneurship for Civil Engineers	KPR Institute of Engineering and Technology	23-07-2020
10.	Mrs. Fathima Darras Gracy	Clean water – The first medicine for life	Adithya Institute of Technology, Coimbatore	24.7.2020
11.	Mrs. Fathima Darras Gracy	Urban frameworks for Indian cities	Adithya Institute of Technology, Coimbatore	22.7.2020
12.	Mr.M.Balaji	Construct 4.0	Dr.N.G.P. Institute of Technology	22-07-2020
13.	Mr.R.Krishnasamy	Financial Wellness	KPR Institute of Engineering and Technology	20-07-2020
14.	Mrs. A.Fathima Darras Gracy	Durability of concrete	Adithya Institute of Technology, Coimbatore	16.7.2020
15.	Dr.K.M.Gopala Krishnan Dr. S. Christian Johnson Dr.P.Balamurugan Mr.D.Krishna Mr.J.Arun Prasad Mr.R.Krishnasamy M.Divakarkarthick Mr.M.Balaji Mrs. Fathima Darras Gracy	Webinar on Quality standards in teaching, learning and evaluation through IQAC	Erode Sengunthar Engineering College	17-07-2020

16.	Mr.M.Balaji	Durability of Concrete	Adithya Institute of Technology	16-07-2020
17.	Mr.M.Balaji	Strength Properties of Concrete Under Shockwave Compaction	Adithya Institute of Technology	15-07-2020
18.	Mr.R.Krishnasamy	Civil and Architectural Designs in Virtual Reality	KPR Institute of Engineering and Technology	14-07-2020
19.	Mrs. A.Fathima Darras Gracy	Concrete Technology	Mahendra Engineering College, Namakkal	13.7.2020
20.	Mr.R.Krishnasamy	Vasthu Sashtra	KPR Institute of Engineering and Technology	13-07-2020
21.	Dr.P.Balamurugan	Migration and Sustainable Urbanization :The Pandemic Context	International institute for population science	11.07.2020
22.	Mr.R.Krishnasamy	Plastic Waste Management in India	KPR Institute of Engineering and Technology	11.07-2020
23.	Mr.M.Balaji	Building information modeling	Sri Ramakrishna Institute of technology	09-07-2020
24.	Mrs. Fathima Darras Gracy	Sustainable construction	Balaji Institute of Technology & Science	09-07-2020
25.	Dr.K.M.Gopala Krishnan Dr. S. Christian Johnson Dr.P.Balamurugan Mr.D.Krishna	Quality standards in teaching, learning and evaluation through IQAC	Erode Sengunthar Engineering College	08-07-2020

	Mr.J.Arun Prasad Mr.R.Krishnasamy M.Divakarkarthick Mr.M.Balaji Mrs. Fathima Darras Gracy			
26.	Dr.K.M.Gopala Krishnan Dr. S. Christian Johnson Dr.P.Balamurugan Mr.D.Krishna Mr.J.Arun Prasad Mr.R.Krishnasamy M.Divakarkarthick Mr.M.Balaji Mrs. Fathima Darras Gracy	Webinar on Prospective use of Robotic Technologies and Asset Management	Erode Sengunthar Engineering College	28-07-2020
27.	R.Krishnasamy	Prospective use of Robotic Technologies and Asset Management	Erode Sengunthar Engineering College, Perundurai	July 2020
28.	Dr.K.M.Gopala Krishnan Dr. S. Christian Johnson Dr.P.Balamurugan Mr.D.Krishna Mr.J.Arun Prasad Mr.R.Krishnasamy M.Divakarkarthick Mr.M.Balaji Mrs. Fathima Darras Gracy	NBA Perspectives on students Performance and Professional activities	Erode Sengunthar Engineering College	28-08-2020



29.	Mrs. Fathima Darras Gracy	Prospective use of robotic Technologies & Asset management	ESEC	28.7.2020
30.	R.Krishnasamy	Entrepreneurship for Civil Engineers	KPR Institute of Engineering and Technology, Coimbatore	23.07.2020
31.	M Dhivakar Karthick	Nano-Materials And Its Applications In Science And Technology	Vivekananda Institute Of Technology	07.09.2020
32.	Mrs. Fathima Darras Gracy	Nano Materials and its Applications in Science and Technology”	Kota Vivekananda Institute of Technology, Jaipur	07/09/2020 to 09/09/2020
33.	Mr.J.Arun Prasad	Geotechnical Engineering	Rathinam Technical Campus	28.10.2020 to 29.10.2020
34.	M Dhivakar Karthick	International Workshop on Durability of Concrete	National Institute of Technology Karnataka	26.10.2020 to 30.10.2020
35.	R.Krishnasamy	Methods of Modern Surveying	Hydro Training Institute & Research Center / Kuthiraikalmedu	11.01.2021

### 13. Internship Training Attended By the Faculty

Sl. No	Name of the faculty	Name of the company	Date & Duration
1	J.Arun prasad	Skanda Builders,Namakkal	07.12.2020 – 14.12.2020
2	A.Fathima Darras Gracy	Skanda Builders,Namakkal	15.12.2020 – 20.12.2020
3	M.Balaji	RR Thulasi Builders (P) Ltd, Salem	20.12.2020 – 28.12.2020
4	R.Krishnasamy	SS Constructions, Tiruppur	07.12.2020 – 14.12.2020
4	B.Anu Karthika	SS Constructions, Tiruppur	15.12.2020 – 20.12.2020

### 14. NPTEL Courses Done By the Faculty

Sl. No	Name of the faculty	Name of the Course	No of weeks	Rank
1.	J.Arun Prasad R.Krishnasamy M.Dhivakar Karthik M.Balaji B.Anukarthika D.Krishna	NPTEL AICTE-Module 1_ Orientation Towards Technical Education and Curriculum Aspects	8 weeks	Completed and Received certificate
2.	J.Arun Prasad R.Krishnasamy M.Dhivakar Karthik M.Balaji B.Anukarthika D.Krishna	NPTEL AICTE-Module 2_ Professional Ethics & Sustainability	8 weeks	Completed and Received certificate

### 15. Best Outgoing Student

Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1	K.Vallarasu	Final	VIII / civil	8.0	I

**16. Class Wise Toppers List**

<b>Sl. No</b>	<b>Name of the student</b>	<b>YEAR</b>	<b>Semester/ Branch</b>	<b>CGPA</b>	<b>RANK</b>
1	M.Vadivel	II Year	4/ Even	7.91	I
2	S.Thenmozhi	II Year	4/ Even	7.6	II
3	C. Lingesh Kumar	III Year	6/ Even	9.88	I
4	Balamurugan	III Year	6/ Even	8.88	II
5	S.Priyanka	III Year	6/ Even	9.75	I
6	G.Premaanand	III Year	6/ Even	9.5	II
7	J.Gayathri	IV Year	8/ Even	8.1	I
8	K.Vallarasu	IV year	8/ Even	8.0	II
9	Thiyam Luwang	II Year	3 / Odd	9.0	I
10	Dhanush Kumar	II Year	3 / Odd	8.1	II

11	R.E.Keerthana	III Year	5 / Odd	8.16	I
12	M.Vadivel	III Year	5/ Odd	8.0	II
13	C. Lingesh Kumar	III Year	7/ Even	7.75	I
14	Balamurugan	III Year	7/ Even	7.40	II
15	J.Suresh kumar	IV Year	7 / Odd	9.15	I
16	G.Sabareesh	IV Year	7 / Odd	9.15	II

**STUDENTS ACTIVITY CORNER****A. Drawing**

I am R. E. Keerthana pursuing final year Civil Engineering, My hobby is drawing. I started my drawing work at the age of 12. I hereby attached 17 art works like Graphite, acrylic, digital drawing medium

**Painting work**

**Digital art**



**Pencil art**





By R. E. Keerthana

**Marker Art**



**Glowing art work**





*Activity based learning has been conducted in Civil department on November 2021*



## LIST OF STUDENTS PLACED

		
<p>Mr. P . Aravindh ES16CE01 Aee Bee Acadamy (1.14 LPA)</p>	<p>Mr. G. Sakthi Saravanan ES16CE18 Aee Bee Acadamy (1.14 LPA)</p>	<p>730416103003 Ms. G. Gnanasoundary ES16CE03 SS Group of Companies (1.2 LPA)</p>
		
<p>Mr. J. Dhivakaran ES17LCE04 SS Group of Companies (1.2 LPA)</p>	<p>Mr. M. Ramkumar ES17LCE14 SS Group of Companies (1.2 LPA)</p>	<p>Mr. S. L. Prabakar Raj Es16CE16 SS Group of Companies (1.2 LPA)</p>
		
<p>Mr. R. Harikrishnan ES16CE06 SS Group of Companies (1.2 LPA)</p>	<p>Mr. S. Aruljothi Es17LCE02 SS Group of Companies (1.2 LPA)</p>	<p>Mr. R. Kavi Barathi ES17LCE09 SS Group (1.2 LPA)</p>

		
Mr. D. Arul Sakthi ES17LCE03 SS Group of Companies (1.2 LPA)	Mr. M. Ranjithkumar ES17LCE15 SS Group of Companies (1.2 LPA)	Mr. D. Aravindselva ES17LCE01 SS Group of Companies (1.2 LPA)
		
Mr. V. Gokulnath ES16CE04 SS Group of Companies (1.2 LPA)	Mr. K. Vallarasu ES16CE23 (2.1 LPA) Om Sai Intex Pvt Ltd (1.8 LPA) Aee Bee Academy(1.14 LPA) Ethnus Consultancy Service Pvt, Ltd.(2.26 LPA)	Mr. S. vijay ES16CE26 ILM (2.1 LPA) Om Sai Intex Pvt Ltd (1.8 LPA)
		
Mr. V. Sivabalan ES16CE19 Msteel Detailing Services (1.2 LPA)	Mr. S. Nithish ES16CE14 LPA) Aee Bee Academy (1.14 LPA)	Mr.S.M.Surjith ES16CE22 Swifterz Creative Solutions (1.5 LPA to 3.5 LPA)

		
<p>Mr. P. Ramakrishnan ES16CE22 Swifterz Creative solutions (1.5 LPA to 3.5 LPA)</p>	<p>Mr. J. Radhakrishnan ES16CE17 Swifterz Creative solutions (1.5 LPA to 3.5 LPA)</p>	<p>Mr. G. R. Naveen Prasath ES16CE13 Swifterz Creative solutions (1.5 LPA to 3.5 LPA)</p>
		
<p>Mr. G. Munusamy ES17LCE10 Swifterz Creative solutions (1.5 LPA to 3.5 LPA)</p>	<p>Mr. S. Jeevanantham ES17LCE05 Swifterz Creative solutions (1.5 LPA to 3.5 LPA)</p>	<p>Mr. T. Gurubarath ES16CE05 Swifterz Creative solutions (1.5 LPA to 3.5 LPA)</p>
		
<p>Mr. M. Vignesh ES17LCE17 Swifterz Creative solutions (1.5 LPA to 3.5 LPA)</p>	<p>Ms. P. R. Madhumitha ES16CE09 Aee Bee Acadamy (1.14 LPA)</p>	



### Glimpses Of Event Organized By Department Of Civil Engineering

		
<p>Dr. S.Neelamani , Kuwait Institute of scientific Research Guest Lecture Topic - Research proposal preparation - Intricacies and opportunities on 19.06.2020</p>	<p>Dr. S.Kalirajan , L &amp; T construction Guest Lecture Topic - Industry 4.0 and digitalisation in construction on 22.05.2020</p>	<p>M.Logeswari , Project head in Structural Design, Diagonal CADD, Chennai, Seminar on Tekla &amp; sketchup on 29.01.2021</p>
		
<p>Dr. S.Kalirajan , L &amp; T construction Guest Lecture Topic - Career opportunities in Civil Engineering on 25.05.2020</p>	<p>Er. R.Joseph , Managing Director and engineer, Journey Happy Construction, Erode Guest Lecture Topic - Construction errors on 16.05.2020</p>	

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING****1. The Best Five Achievements of the Department**

- Five Patents were published by faculty
- 90.50 % of 2017-2021 batch students got placement offers from various leading companies.
- Selvi S Sowbaranika, Selvi P. Sharmila, Selvan K. Sunilkumar and M. Mathumitha of III year CSE have been awarded with “Bronze Medal” in HACK 10XF.
- Two hundred certificate courses were completed by our students in Infosys Spring Board.
- C.Prem Kumar III CSE secured Silver Medal in 1500mtr in the 4th National Championship 2021-2022, which was held at D.A.V Complex, Amritsar from 06.08.2021 to 08.08.2021.

**2. Association Activities**

- The Department of Computer Science and Engineering arranged a Leader of Month Programme on the topic “React JS” on 02.03.2021. Mr.R.Ramprakash, Team Lead, Market Simplified India Pvt. Ltd., Chennai delivered a guest lecture.
- The Department of Computer Science and Engineering arranged a Guest Lecture on the topic “NBA Awareness Program (Criteria Wise File Preparation)” on 21.07.2021. Dr.G.Sivakumar, Prof. & Head, CSE, Erode Sengunthar Engineering College delivered a guest lecture.
- The Department of Computer Science and Engineering arranged a Guest Lecture on the topic “Green computing” Program on 27.08.2021. Mr.Charathkumar, Principal Consultant, Infosys Ltd., delivered a guest lecture.
- The Department of Computer Science and Engineering arranged a Workshop on the topic “Android development using Flutter” Program on 17.09.2021. Mr.B.Srikanth, M.S., Queensland University in Melbourne, Australia delivered a guest lecture.
- The Department of Computer Science and Engineering arranged a “Code Scape (Code Hackathon)” Program on 07.10.2021, 08.10.2021 & 09.10.2021.

- The Department of Computer Science and Engineering arranged a Leader of Month Programme on the topic “Overview of Cloud Services and Devops strategies (Azure, AWS) with Demonstration” Program on 09.10.2021. Mr.T.Balaji, Software Support Engineer, Walmart Global Tech India, Chennai delivered a guest lecture.
- The Department of Computer Science and Engineering arranged a Seminar on the topic “Cryptography and Cyber Security” Program on 09.10.2021. Mr.Prasanna S S, Qualys Certified Specialist in Vulnerability Management delivered a guest lecture.
- The Department of Computer Science and Engineering arranged a Leader of Month Programme on the topic “Demonstration of Hybrid Mobile App Programming” Program on 23.10.2021. Mr.R.Anand, App Developer, Msys Tech Pvt. Ltd., Chennai, delivered a guest lecture.
- The Department of Computer Science and Engineering arranged a Technical Fun Event Program on 23.10.2021 for II year CSE students. IV year CSE students were organized the program.
- The Department of Computer Science and Engineering arranged a Technical Fun Event Program on 30.10.2021 for II year CSE students. IV year CSE students were organized the program.
- The Department of Computer Science and Engineering arranged a Technical Fun Event Program on 23.10.2021 for II year AI & DS students. III year CSE students were organized the program.
- The Department of Computer Science and Engineering arranged a Technical Fun Event Program on 30.10.2021 for II year AI & DS students. III year CSE students were organized the program.

### **3. Guest Lectures/Leaders talk**

- The Department of Computer Science and Engineering arranged a Leader of Month Programme on the topic “React JS” Program on 02.03.2021. Mr.R.Ramprakash, Team Lead, Market Simplified India Pvt. Ltd., Chennai delivered a guest lecture.

- The Department of Computer Science and Engineering arranged a Guest Lecture on the topic “NBA Awareness Program (Criteria Wise File Preparation)” Program on 21.07.2021. Dr.G.Sivakumar, Prof. & Head, CSE, Erode Sengunthar Engineering College delivered a guest lecture.
- The Department of Computer Science and Engineering arranged a Leader of Month Programme on the topic “Overview of Cloud Services and Devops strategies (Azure, AWS) with Demonstration” Program on 09.10.2021. Mr.T.Balaji, Software Support Engineer, Walmart Global Tech India, Chennai delivered a guest lecture.
- The Department of Computer Science and Engineering arranged a Leader of Month Programme on the topic “Demonstration of Hybrid Mobile App Programming” Program on 23.10.2021. Mr.R.Anand, App Developer, Msys Tech Pvt. Ltd., Chennai, delivered a guest lecture

#### **4. Patent /Patent Submission Status**

- Dr.G.Sivakumar, Professor and Head and Ms.T.Kalai Selvi, Assistant Professor (SLG-I) of Computer Science and Engineering published a patent on “Deep Learning Techniques To Assess The Network Security Aspects”, Application number: 202221001808
- Ms.T.Kalai Selvi, Assistant Professor (SLG-I) of Computer Science and Engineering published a patent on “Big Data Based Data Analytics Method For Privacy Preservation”, Application number: 202041057125A, on 08/01/2021, The Patent Office Journal No. 02/2021 Dated 08/01/2021
- Dr.G.Saravanan, Assistant Professor, Mr.S.Tamil Selvan, Assistant Professor, Mr.U.Gowri Sankar, Assistant Professor and Mr.M.Senthil Kumar, Assistant Professor of Computer Science and Engineering published a patent on “Implementation of a Smart City with Security Aware Mobile Computing” on 21/01/2022 Application number: 202241000547A, The Patent Office Journal No. 03/2022
- Ms.D.Sathya, Assistant Professor, Ms.R.Punitha Gowri, Assistant Professor, Ms.E.Angel Anna Prathiba, Assistant Professor of Computer Science and Engineering published a patent on “Machine Learning Based Approach to Segment the Images Captured using Various Modalities” on 21/01/2022 Application number: 202241001805, The Patent Office Journal No. 03/2022 Dated 21/01/2022.



- Ms.S.Revathi, Assistant Professor of Computer Science and Engineering published a patent on “Influence of IoT in Microbial Fuel Cell for Mass Production of Electricity” on 21/01/2022 Application number: 202241001805, The Patent Office Journal No. 03/2022 Dated 21/01/2022.

### 5. Details of Paper Presented by the Students

Sl. No	Name of the Student	Title	Venue	Date
1	M.Jibin, G.Snekha, Vigneshwaran A, Nandhakumar S, Barani K, Kishore Kumar S, Nelson J, Rajalingam.S, Vishal.R, Sudarsan.T.K, Verjin.V, Sanjay.S, D.V.Saravanakumar,	Paper Presentation	Jai Shriram Engineering, Tirupur	01.10.2021
2	Sunilkumar K	Attended the Hackathon and Reached bronze level	10xfreshers	AUG 2021
3	K.Barani, S.Kishore Kumar	Conference on ”Smart mirror Based on Rasberry PI”	Paavai Engineering College	20.10.2021
4	D.V.Saravanakumar	Conference On “A Design Implementation Of Firm Leave Scheduling And Managing Application Based On Php & Mysql”	Paavai Engineering College	20.10.2021

### 6. Participation by students in Seminar/National/ International conferences

More than 400 students participated in National and International level seminars organized by various institutions.

**7. Workshop attended by the Students**

More than 200 students attended workshops from various institutions and industries. These workshops nurtured the skills of the students and paved ways to get hands-on training.

**8. Internship training attended by the students**

S.No.	Name of the Student	Year / Class	Name of the Company / Organization	Date & Duration
1.	VIJAYA KUMAR G	III / B.E.CSE	LUDIFU	01.07.2021 to 31.07.2021 31 Days
2.	BANDANA PRAMODYADAV	III / B.E.CSE	Digital Defynd	01.07.2021 to 31.07.2021 31 Days
3.	BANDANA PRAMODYADAV	III / B.E.CSE	Sathyabama Institute of Science and Technology, Chennai	17.07.2021 to 27.07.2021 11 Days
4.	S.NANDHAKUMAR	III / B.E.CSE	Sathyabama Institute of Science and Technology, Chennai	17.07.2021 to 27.07.2021 11 Days
5.	S.MOHANAPRIYA	III / B.E.CSE	Pantech Prolabs India Pvt. Ltd	17.05.2021 to 17.06.2021 30 Days
6.	S.MOHANAPRIYA	III / B.E.CSE	Pantech Prolabs India Pvt. Ltd	28.06.2021 to 02.07.2021 5 Days
7.	K.MATHUMITHA	III / B.E.CSE	Sathyabama Institute of Science and Technology	17.07.2021 to 27.07.2021 11 Days
8.	R.R.SOMAS KANDHAN	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
9.	M.YUVARAJ PANDIAN	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days

10.	T.C.STALIN	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
11.	A.THARUN KUMAR	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
12.	V.MARIMUTHU	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
13.	P.SANTHOSH	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
14.	S.V.NIVETHAN	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
15.	S.RAVI KUMAR	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
16.	P.RANJITH	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
17.	M.SACHITHANATHAM	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
18.	S.MURALITHARAN	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
19.	G.MOGESH	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
20.	G.NIVIN	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
21.	N.PRAGATHEESHWARAN	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
22.	M.RANJITH	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
23.	R.PAVIN ROHITH	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
24.	S.SHRISHYAM	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days

25.	R.KISHORE	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	25.10.2021 to 29.10.2021 5 Days
26.	J.KAVINPRASAD	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
27.	V.M.DHAKCHINAMURTHI	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
28.	K.ESAKKI MUTHU	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
29.	K.DEEPAN	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
30.	A.KARTHIKEYAN	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
31.	B.KARTHIKEYAN	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
32.	X.ARUL BRUNO	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
33.	ASHIQ HUSSAIN BHAT	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
34.	M.U.DHANUSH	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
35.	G.KOUSIK	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
36.	M.D RAHIL MURAD	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
37.	K.NANTHA KUMAR	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
38.	S.KARTHICK	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
39.	V.INDIRAJITH	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days

40.	T.JAGADEESH	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
41.	K.HAREESH KUMAR	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
42.	A.DIVYA SAGAR	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
43.	N.KOUSIK KUMAR	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
44.	R.LOKESH	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
45.	K.GOWTHAM	II / B.E.CSE	NSIC- Technical Services Centre, Chennai	8.11.2021 to 12.11.2021 5 Days
46.	PRAVEEN KUMAR B	II / B.E.CSE	Stu_Mates	10.11.2021 to 10.12.2021 30 Days
47.	JAYAPR IYA S	III/B.E. CSE	UNIQ technologies	13.1.22 to 18.01.22 6 Days
48.	N.NANDHINI	III/B.E.CSE	UNIQ TECHNOLOGIES	13.1.22 to 18.01.22 6 Days

### 9. Industrial training taken by the students

Sl. No	Name of the students	Name of the company	Date & Duration
1.	Abi M	Microsoft Learn- Bootcamp with ShapeAI	7 Days
2.	M.Jibin	ShapeAI in Collaboration with Developer Student Clubs	7 Days
3.	M.Jibin	ShapeAI in Collaboration with GDG Ranchi	7 Days
4.	M.Jibin	ShapeAI	7 Days
5.	M.Jibin	ShapeAI	7 Days
6.	Bandana Pramodyadav	LUDIFU	July 2021

7.	Bandana Pramodyadav	LUDIFU	July 2021
8.	Bandana Pramodyadav	TechBairn	07.08.2021
9.	Karthika.M	Brainovision Soluitons	27.07.2021 to 29.07.2021 (3 Days)
10.	Karthika.M	ShapeAI	7 Days
11.	Karthika.M	Pantech eLearning	19.07.2021 to 23.07.2021(5 Days)
12.	Karthika.M	ShapeAI in Collaboration with Developer Student Clubs	7 Days
13.	S.Mohanapriya	Pantech Prolabs India Pvt. Ltd	16.06.2021 to 18.06.2021( 3 days)
14.	S.Nandhakumar	ShapeAI	7 Days
15.	Boovanathan D	Perfect Plan B E Learning Private Limited	24.09.2021( 1 Day)
16.	R.Bhuvanesh	Edureka	13.09.2021( 1 Day)
17.	R.Bhuvanesh	Ant Wak	18.09.2021( 1 Day)
18.	R.Indhu	ShapeAI	7 Days
19.	R.Indhu	ShapeAI in Collaboration with Developer Student Clubs	7 Days
20.	Gomathi. R	Brainovision Soluitons	27.07.2021 to 29.07.2021 (3 Days)
21.	Gomathi. R	ShapeAI in Collaboration with Developer Student Clubs	7 Days
22.	Sivanithi S	Pantech eLearning	12.07.2021 to 16.07.2021(5 days)
23.	K.Naveen Bharathi K.Kiruba R.Gomathi M.Akash U.Aswitha S.Keerthinivas M.U.Dhanush C.Aparna G.Lidhuna V.Indirajith D.Boovanathan P.Hareesh Kumar E.Devendran S.Logesh	Ant Wak	23.09.2021(1 day)

	S.Logesh M.Jeevanatham M.Gowri Santhiya		
24.	M.Gowri Santhiya M.Gowri Santhiya R.Nithish R.Nithish N.Kowsik Kumar R.Nithish S.Ravikumar M.Sheelamani	Skill Lync	16.10.2021(1 Day)
25.	C.Aboorva	NPWAYS	29.08.2021(1 Day)
26.	P.Hareesh Kumar	Perfect Plan B ELearnig Private Limited	24.9.2021(1 day)
27.	B.Meikandan	ShapeAI	1 Day
28.	Gobika	ShapeAI	07.10.2021(1 Day)
29.	S.Dhivya	ShapeAI	31.10.2021(1 Day)
30.	S.Yegappan	AWS Training and Certification	02.06.2021(1 day)
31.	S.Yegappan	AWS Training and Certification	02.06.2021(1 day)
32.	S.Yegappan	AWS Training and Certification	02.06.2021(1 day)
33.	S.Yegappan	AWS Training and Certification	02.06.2021(1 day)
34.	S.Yegappan	AWS Training and Certification	02.06.2021(1 day)
35.	S.Yegappan	AWS Training and Certification	02.06.2021(1 day)
36.	S.Yegappan	AWS Training and Certification	02.06.2021(1 day)
37.	S.Yegappan	AWS Training and Certification	02.06.2021(1 day)
38.	S.Yegappan	AWS Training and Certification	01.06.2021(1 day)
39.	P.Babhu Ganesh	Pantech eLearning	19.07.2021 to 23.07.2021(5 days)
40.	P.Babhu Ganesh	ShapeAI	7 days
41.	T.Annapurna	Skill Lync	31.10.2021(1 Day)
42.	T.Annapurna	Skill Lync	25.10.2021(1 Day)

43.	T.Annapurna	Skill Lync	08.10.2021(1 Day)
44.	N.Pragatheeswaran	Skill Lync	07.10.2021(1 Day)
45.	N.Pragatheeswaran	Skill Lync	08.10.2021(1 Day)
46.	Abinav.G	Ant Wak	17.10.2021(1 Day)
47.	M.Shastika	Skill Lync	31.10.2021(1 Day)
48.	Boovanathan	Skill Lync	31.10.2021(1 Day)
49.	B.Austen Kenneth	Skill Lync	07.10.2021(1 Day)
50.	P.Yashika Sri	Skill Lync	02.11.2021(1 Day)
51.	G.Veeramani	Skill Lync	02.11.2021(1 Day)
52.	P.Yashika Sri	Skill Lync	16.10.2021(1 Day)
53.	S.Yegappan	Coursera, Intel	02.06.2021( 1 day)
54.	S.Yegappan	Skill up by Simplilearn	06.07.2021( 1 day)
55.	S.Yegappan	Autodesk Design Academy	03.06.2021( 1 day)
56.	S.V.Raga Keerthini	Skill Lync	31.10.2021( 1 day)
57.	Gokul Raj	Ant Wak	23.09.2021( 1 day)
58.	M.Shastika	Skill Lync	02.11.2021( 1day)
59.	P.Rathinasowmiya	Skill Lync	31.10.2021(1 day)
60.	J.Kavin Prasad	Skill Lync	07.10.2021(1 day)
61.	Harsh Kumar Gaurav	Ant Wak	23.09.2021( 1 day)
62.	D.Brindha	Skill Lync	07.10.2021( 1 day)
63.	B.Akilan	Skill Lync	07.10.2021( 1 day)
64.	M.Harish Anand	Skill Lync	08.10.2021(1 day)
65.	M.Harish Anand	Perfect Plan B ELearning Private Limited	08.10.2021(1 day)
66.	D.Hena Ranjini	Ant Wak	13.11.2021(1 day)
67.	U.Aswitha	Skill Lync	31.10.2021(1 day)
68.	U.Aswitha	Skill Lync	25.10.2021(1 day)
69.	S.Rajapandi	SkillUp by Simplilearn	22.11.2021(1 day)



70.	G.Madhumitha	Skill Lync	02.11.2021(1 day)
71.	S.Sowmiya	Skill Lync	02.11.2021(1 day)
72.	S.Sowmiya	Skill Lync	31.10.2021(1 day)
73.	N.Santhosh	Skill Lync	31.10.2021(1 day)
74.	G.Madhumitha	Skill Lync	31.10.2021(1 day)
75.	G.Madhumitha	Skill Lync	31.10.2021(1 day)
76.	S.Sowmiya	Skill Lync	31.10.2021(1 day)
77.	Jayapriya S	Talent Battle	20.10.2021 to 24.10.21
78.	D.Gowtham	W3docs	26.11.2021(1 day)
79.	D.Gowtham	W3docs	26.11.2021(1 day)
80.	G.Mogesh	Skill Lync	31.10.2021(1 day)
81.	U.Aswitha	AntWak	27.11.2021(1 day)
82.	S.Jayapriya	W3docs	27.11.2021(1 day)
83.	M.Balamurugan	Skill Lync	8.10.2021(1 day)
84.	M.Balamurugan	Skill Lync	07.10.2021(1 day)
85.	A.Sangeetha	ShapeAI	7 Days
86.	A.Sangeetha	ShapeAI	7 Days
87.	R.Prem Anand	TalentBattle	29.10.2021 to 02.11.2021(5 days)
88.	G.Iswarya	Brainovision Solutions	27.07.2021 to 29.07.2021(3 days)
89.	S.Gobika	Microsoft Learn- Bootcamp with ShapeAI	7 days
90.	S.Gobika	Brainovision Solutions	27.07.2021 to 29.07.2021(3 days)
91.	G.Iswarya	St.Thomas Trust, Chennimalai	15.03.2021 to 15.06.2021 (3 Months)
92.	D.Gowtham	Pantech Prolabs India Pvt. Ltd	29.11.2021 to 03.12.2021( 5 days)
93.	Elansuriyan	ShapeAI	7 Days
94.	K.Kowsik	Sololearn	02.12.2021

95.	G.Manoj	Sololearn	02.12.2021
96.	U.Preethasri	Pantech e Learning Pvt. Ltd, Chennai	19.09.2021 to 8.10.2021 (30 days)
97.	Idhaya K	Pantech E Learning	23.08.2021 to 1.09.2021 (30 Days)
98.	Gokul R	SKILL LYNC	07.10.2021(1 day)
99.	Jayasurya V	SKILL LYNC	07.10.2021(1 day)
100.	Lidhuna G	SKILL LYNC	08.10.2021(1 day)
101.	Kishore Kumar S	LUDIFU	01.09.2021(1 day)
102.	Jerrine Varshini J	SKILL LYNC	07.10.2021(1 day)
103.	Hareesh Kumar K	NP WAYS	16.10.2021(1 day)
104.	Hareesh Kumar K	antwak	16.10.2021(1 day)
105.	Devendran E	SKILL LYNC	16.10.2021(1 day)
106.	Devendran E	SKILL LYNC	08.10.2021(1 day)
107.	Devendran E	NP WAYS	16.10.2021(1 day)
108.	Indirajith V	SKILL LYNC	07.10.2021(1 day)
109.	Indirajith V	SKILL LYNC	16.10.2021(1 day)
110.	Indirajith V	SKILL LYNC	08.10.2021(1 day)
111.	Indirajith V	NP WAYS	16.10.2021(1 day)
112.	Jerrine Varshini J	SKILL LYNC	08.10.2021(1 day)
113.	Karthikeyan A	SKILL LYNC	07.10.2021(1 day)
114.	Karthikeyan A	SKILL LYNC	08.10.2021(1 day)
115.	Jerrine Varshini J	NP WAYS	16.10.2021(1 day)
116.	Dhanush M U	SKILL LYNC	07.10.2021(1 day)
117.	Karthikeyan M	Neural Hack	OCT 2021(1 day)
118.	Sangavi D	CYBER NINTA	OCT 2021(1 day)
119.	Obath Solomon.M	Amazon	10.11.2021(1 day)

120.	Jayapriya.S	Talent Battle	20.10.2021 to 24.10.2021(5 Days)
121.	Prem Anand.R	Talent Battle	29.10.2021 to 02.11.2021(5 days)
122.	Logesh.S	Dataflair Web Services	11.11.2021(1 Day)
123.	Vignesh.M	Amazon	10.11.2021(1 Day)
124.	Manikandan.M	Amazon	10.11.2021(1 Day)
125.	Somas Kandhan.R.R	Amazon	10.11.2021(1 Day)
126.	Verjin V	DEVTOWN	7 Days
127.	Mohanapriya S	Pan Tech India Pvt Ltd	16.06.2021 to 18.06.2021( 3 days)
128.	Mohanapriya S	Pan Tech India Pvt Ltd	28.06.2021 to 02.07.2021(5 days)
129.	Mohanapriya S	Pan Tech India Pvt Ltd	18.08.2021 to 12.08.2021(5 days)
130.	Mohanapriya S	Pan Tech India Pvt Ltd	09.09.2021 to 14.09.2021(5 days)
131.	S.Nandene	National Educational Alliance	24.04.2021 to 25.02.2021(2 days)
132.	N.Nandhini	Uniq Technologies	18.01.2022( 1 day)
133.	Sharmila M	Pan Tech E Learning Solutions	15-11-21 TO 14-12- 2021(24 days)
134.	G. Madhumitha	Pantech E-Learning, Chennai	03.12.2021 to 04.12.2021(2 days)
135.	D Brindha	Pantech E-Learning, Chennai	03.12.2021 to 04.12.2021(2 days)
136.	Karthik S	Pantech E-Learning, Chennai	03.12.2021 to 04.12.2021(2 days)
137.	Kanagalakshmi V	Pantech E-Learning, Chennai	03.12.2021 to 04.12.2021( 2 days)
138.	Sowmiya S	Pantech E-Learning, Chennai	03.12.2021 to 04.12.2021( 2 days)
139.	Deepika N	SKILL-LYNC	20-11-2021(1 day)
140.	Deepika N	Pantech E-Learning, Chennai	03.12.2021 to 04.12.2021( 2 days)
141.	Sowmiya C	SKILL-LYNC	20-11-2021(1 day)
142.	Sowmiya C	Pantech E-Learning, Chennai	03.12.2021 to 04.12.2021( 2 days)
143.	Vijaya Kumar G	LUDIFU	01.07.2021 to 31.07.2021(31 days)

144.	Bandana Pramodyadav	Digital Defynd	July 2021
145.	S.Mohanapriya	Pantech Prolabs India Pvt. Ltd	17.05.2021 to 17.06.2021(30 Days)
146.	S.Mohanapriya	Pantech Prolabs India Pvt. Ltd	28.06.2021 to 02.07.2021(5 days)

**In addition, 37 students attended one day training in NSIC- Technical Services Centre, Chennai and 189 students attended Infosys Springboard training in 2021.**

### 10. Journal Publications by the Faculty

S.No	Name of the faculty	Title of the Paper	Name of the Journal	Details
1.	Dr.G.Sivakumar	Development and Organize of Wireless Sensor Network in Home Management Using IoT	International Journal of Aquatic Science	ISSN: 2008-8019 Vol 12, Issue 02, 2021.
2.	Dr.G.Sivakumar	Automated Visual Assessment from Optical Data Sets to Enhance the Accuracy of Data Analysis	International Journal of Aquatic Science	ISSN: 2008-8019 Vol 12, Issue 01, 2021.
3.	Dr.M.P.Thiruvenkata suresh	Drugs For Corona Virus Prediction With Artificial Intelligence And Machine Learning	Natural Volatiles & Essential Oils	Volume: 8 Issue: 5, 2021.
4.	T.Kalai Selvi	Insect Pest Classification and Predictions in Different field of Crops using Convolutional Neural Network	International Journal of Mechanical Engineering	ISSN: 0974-5823 Vol. 7 No. 1 January, 2022.
5.	Dr.G.Saravanan	Markov transition and smart cache congestion control for IOT enabled Wireless mesh networks	peer-to-Peer Networking and Applications	ISSN1936-6442, DOI10.1007/s12083.

6.	Dr.G.Saravanan	Cloud Resource Optimization based on Poisson Linear Deep Gradient Learning for Mobile Cloud Computing	Journal of Intelligent & Fuzzy Systems	Vol.40, No. 1 PP. 787-797.
7.	R.Karunamoorthi	Prediction of Long Cancer Severity with Computational Intelligence in Covid'19 Pandemic	the International Journal of Natural Volatiles & Essential Oils	8(5):3701-3707
8.	Dr.G.Saravanan	An IoT Framework on Patient Health Monitoring with Doctor Alert	International Journal of Mechanical Engineering	Vol. 6, No. 3 PP. 2323-2330 Dec 2021

### 11. Publications By The Faculty Members In National/International Conferences

S. No.	Name of the faculty	Name of the Conference	Paper presented on (Topic)	Venue	Date
1.	Dr.G.Rajesh Kumar	International Conference on Intelligent Systems and Sustainable Computing	Li-Fi Enables Reliable Communication of VLT for Secured Data Exchange	Malla Reddy University, Hyderabad	24.09.2021
2.	Ms.T.Kalai Selvi	International e-Conference on Information, Communication and Networking	The Students Career Prediction Systems using ML Algorithms	Eswari Engineering College, Ramapuram, Chennai	9.4.2021 and 10.4.2021.
3.	Ms.T.Kalai Selvi	International Conference on Adaptive Technologies for Sustainable Growth (ICATS -2021)	Smart Mirror Based On Raspberry Pi	Paavai Engineering College, Namakkal	20.10.2021
4.	Ms.T.Kalai Selvi	Research and Industry Symposium held in honour of Shri. F. C. Kohli with the support of ACM Chennai, CSI Chennai, and IEEE CS Madras	Data Management for Internet of Things	SSN College of Engineering, Kalavakkam	03.12.2021

5.	Dr.G.Saravanan	International Virtual Conference on emerging Trends in Material Science Technology and Engineering	A Improved Genetic Algorithm Based Proficient Resource Management and Scheduling	Syed Ammal Engineering College	04.03.2021
6.	Dr.G.Saravanan	International Virtual Conference on Global Advanced Trends in Applied Mathematics, Physical Sciences and Humanities	Certain Investigation of Object Detection using SID and OSFA Algorithms	Sri Ramakrishna Institute of Technology, Coimbatore	21.10.2021
7.	Mr.R.Karunamoorthi	International Conference on Adaptive Technologies for Sustainable Growth (ICATS -2021)	A Design Implementation of Firm Leave Scheduling and Managing Application based on PHP & MySQL	Paavai Engineering College, Namakkal	20.10.2021
8.	Ms.D.Sathya	International Conference on Advanced Computing and Igeous Technologies in Engineering Science	Skin Aliment Classification using Artificial Neural Networks	Galgotias College of Engineering and Technology	30.12.2021 to 31.12.2021
9.	Mr.M.Senthil Kumar	International Conference on Data Analytics and Computational Techniques	Regression Analysis based Decision Support System with Relationship Extraction	VIT Bhopal	07.12.2021 to 09.12.2021

### 12. FDPs /STTPs Attended By The Faculty

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1.	Dr.G.Sivakumar	Emerging Research Trends in the Field of Computer Science	Eswari Engineering College	28.06.21 to 03.07.21 6 Days
2.	Dr.G.Sivakumar	Next Gen Opportunities	Eswari Engineering College	15.05.2021 1 Day
3.	Dr.M.P.Thiruvenkata suresh	Python	E & ICT Academy, IIT Kanpur	24.05.2021 to 29.05.2021 6 Days
4	Dr.M.P.Thiruvenkata suresh	Innovation Ambassador	MoE's Innovation Cell & AICTE	30.06.2021 to 30.07.2021.

		Training		1 month
5.	Dr.G.Rajesh Kumar	Edge Analytics	Mepco schlenk Engineering College, Sivakasi	20.12.2021 to 24.12.2021.
6.	Dr.G.Rajesh Kumar	Privacy Preserving Artificial Intelligence Techniques for Machine Learning (IWAIML'21)	Dr. Mahalingam College of Engineering and Technology, Pollachi	26.11.2021 and 27.11.2021. 2 days
7.	Kalai Selvi	EE8351- Digital Logic Circuits	Bannari Amman Institute of Technology Sathyamangalam	24.05.2021 to 29.05.2021. 6 Days
8.	Dr.G.Rajesh Kumar	Data Analytics Treasure & Big Data Visualization In Augmented Reality and Virtual Reality	R.M.D. Engineering College, Chennai	10.12.2021 to 16.12.2021 7 days
9.	Ms.T.Kalai Selvi	Machine Learning and Big Data Processing Related to Safety and Security of Nuclear Utilization	Hindusthan Institute of Technology, Coimbatore	27.10.2021 and 28.10.2021 2 days
10.	Ms.T.Kalai Selvi	Effective research planning and execution using Scopus and Science Direct	University of Jammu	17.12.2021
11.	Ms.T.Kalai Selvi	EE8351- Digital Logic Circuits	Bannari Amman Institute of Technology, Sathyamangalam	24.05.2021 to 29.05.2021 6 days
12.	Ms.T.Kalai Selvi	Kotlin: The next frontier in Metaprogramming	Velalar College of Engineering and Technology	05.07.2021 to 09.07.2021 5 days
13.	Ms.T.Kalai Selvi	BLOCK CHAIN TECHNOLOGY	Government College of Engineering, Dharmapuri	23.08.2021 to 27.08.2021 5 days
14.	Ms.T.Kalai Selvi	IoT With Edge Computing	University College of Engineering, OU	14.09.2021 to 18.09.2021 5 days

15.	Dr.G.Saravanan	Data Analytics	RMK College of Engineering and Technology, Chennai	26.07.2021 to 31.07.2021 5 days
16.	Dr.G.Saravanan	Computational Intelligence and its applications	KSRM College of Engineering, Andhra Pradesh	16.8.2021 to 21.8.2021 5 days
17.	Dr.G.Saravanan	IOT Applications with Block Chain Techniques	Mahendra Engineering College	17.03.2021 to 30.03.2021 2 weeks
18.	Dr.G.Saravanan	Data Science and Machine Learning	Sri Krishna College of Technology, Coimbatore	02.05.2021 to 04.05.2021 3 days
19.	Dr.G.Saravanan	BLOCK CHAIN TECHNOLOGY	Government College of Engineering, Dharmapuri	23.08.2021 to 27.08.2021 5 days
20.	Dr.G.Saravanan	Industrial Application on Machine Learning and Deep Learning	VIT, Chennai	07.12.2021 to 11.12.2021 5 days
21.	Dr.G.Saravanan	Block Chain Technologies and its application	Indian Institute of Information Technology Design and Manufacturing	06.12.2021 to 10.12.2021 5 days
22.	Mr.R.Karunamoorthi	Trending Technologies in Computer Science	Dr.M.G.R. Educational and Research Institute, Chennai	18.10.2021 to 22.10.2021. 5 days
23.	Mr.R.Karunamoorthi	IOT Applications with Block Chain Techniques	Mahendra Engineering College	17.03.2021 to 30.03.2021.
24.	Mr.R.Karunamoorthi	Data Analytics Treasure & Big Data Visualization In Augmented Reality And Virtual Reality	R.M.D. Engineering College	10-12-2021 – 16-12-2021 6 days
25.	Mr.R.Karunamoorthi	Data Sciences	Erode Sengunthar Engineering College	7-9-2021 to 11-9-2021 5 days
26.	Mr.S.Tamil Selvan	EE8351- Digital Logic Circuits	Bannari Amman Institute of Technology	24.05.2021 to 29.05.2021



27.	Mr.S.Tamil Selvan	Data Analytics	RMK College of Engineering and Technology	26.07.2021 to 31.07.2021 5 days
28.	Mr.S.Tamil Selvan	Machine Learning and Big Data Processing Related to Safety and Security of Nuclear Utilization	Hindusthan Institute of Technology, Coimbatore	27.10.2021 and 28.10.2021 2 days
29.	Mr.M.Sivakumar	Advanced Cloud Computing Technologies and Its Benefits for Engineering Faculties	INFLIBNET Centre, An IUC of University Grants Commission	13.09.2021 to 17.09.2021 5 days
30.	Mr.M.Sivakumar	Cyber Physical Systems for Smart Environment and Industrial IoT	Sri Krishna College of Engineering and Technology	08.11.2021 to 12.11.2021. 5 days
31.	Ms.D.Sathya	Dream big and follow your dream	Jai Shriram Engineering College, Tirupur	04.12.2021
32.	Ms.D.Sathya	Industrial Applications of Machine Learning and Deep Learning	VIT, Chennai	07.12.2021 to 11.12.2021 5 days
33.	Mr.U.Gowrisankar	Industrial Applications of Machine Learning and Deep Learning	VIT, Chennai	07.12.2021 to 11.12.2021 5 days
34.	Mr.U.Gowrisankar	Python for Beginners	SRM Institute of science and technology	18.12.2021
35.	Mr.M.Senthil Kumar	Big Data System Trends in Data Engineering and Analytics	Kongunadu College of Engineering and Technology, Trichy	03.12.2021 and 04.12.2021. 2 days
36.	Mr.M.Senthil Kumar	Industrial Applications of Machine Learning and Deep Learning	VIT, Chennai	07.12.2021 to 11.12.2021 5 days
37.	Ms.R.Punitha Gowri	Dream big and follow your dream	Jai Shriram Engineering College, Tirupur	04.12.2021.

38.	Ms.R.Punitha Gowri	Industrial Applications of Machine Learning and Deep Learning	VIT, Chennai	07.12.2021 to 11.12.2021 5 days
39.	Ms.R.Punitha Gowri	Machine Learning and Big Data Processing Related to Safety and Security of Nuclear Utilization	Hindusthan Institute of Technology, Coimbatore	27.10.2021 and 28.10.2021
40.	Ms.R.Punitha Gowri	Inculcating Universal Human Values in Technical Education	AICTE	17.05.2021 to 21.05.2021 5 days
41.	Ms.S.Revathi	Current Trends in Internet of Things	Dr. Babasaheb Ambedkar Marathwada University	25.10.2021 to 29.10.2021 5 days
42.	Ms.S.Revathi	Advances of Cryptography in Quantum Computing	College of Engineering, Guindy	22.11.2021 to 26.11.2021 5 days
43.	Ms.S.Revathi	Big Data System Trends in Data Engineering and Analytics	Kongunadu College of Engineering and Technology, Trichy	03.12.2021 and 04.12.2021. 2 days
44.	Ms.S.Revathi	Dream big and follow your dream	Jai Shriram Engineering College, Tirupur	04.12.2021.
45.	Mr. E.Loganathan	Machine Learning and Big Data Processing Related to Safety and Security of NU	Hindusthan Institute of Technology, Coimbatore	27.10.2021 and 28.10.2021
46.	Mr. E.Loganathan	Big Data System Trends in Data Engineering and Analytics	Kongunadu College of Engineering and Technology, Trichy	03.12.2021 and 04.12.2021.
47.	Ms.E.Angel Anna Prathiba	Big Data System Trends in Data Engineering and Analytics	Kongunadu College of Engineering and Technology, Trichy	03.12.2021 and 04.12.2021.
48.	Ms.E.Angel Anna Prathiba	Industrial Applications of Machine Learning and Deep Learning	VIT, Chennai	07.12.2021 to 11.12.2021 5 days

49.	Ms.E.Angel Anna Prathiba	Dream big and follow your dream	Jai Shriram Engineering College, Tirupur	04.12.2021.
50.	Mr. S.Ramesh	Big data analytics	E.G.S. Pillay Engineering College	15.12.2021 to 21.12.2021
51.	Mr. S.Ramesh	Intelligent Computing using Python	Sona College of Technology	22.12.2021 to 29.12.2021 7 days

### 13. Workshop Attended by the Faculty

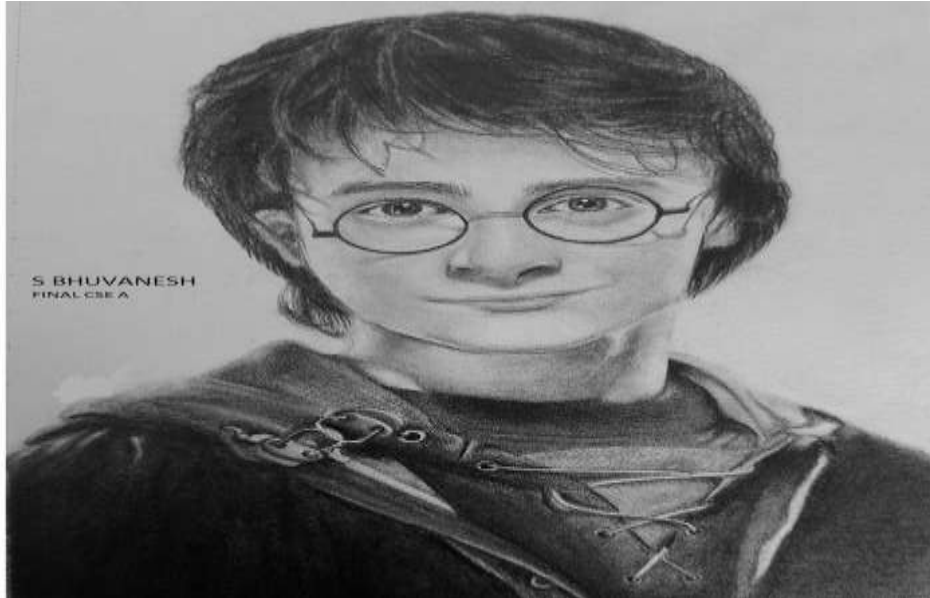
Sl. No	Name of the faculty	Name of the Workshop	Venue	No of Days
1.	Dr.M.P.Thiruvenkata suresh	Innovation Ambassador Training	MoE's Innovation Cell & AICTE	30.06.2021 to 30.07.2021 30 Days
2.	Dr.G.Rajesh Kumar	Privacy Preserving Artificial Intelligence Techniques for Machine Learning	Dr. Mahalingam College of Engineering and Technology, Pollachi	26.11.2021 & 27.11.2021. 2 Days
3.	T.Kalai Selvi	IoT and Cloud Computing Tools	Mepco Schlenk Engineering College, Sivakasi	20.9.2021 to 24.09.2021 5 Days
4.	Dr.G.Saravanan	DEEP LEARNING FOR IMAGE PROCESSING	Arjun College of Technology, Coimbatore	29.10.2021
5.	Mr.R.Karunamoorthi	Data Analytics	RMK College of Engineering and Technology	26.07.2021 to 31.07.2021 5 days
6.	Mr.S.Tamil Selvan	Data Analytics	RMK College of Engineering and Technology	26.07.2021 to 31.07.2021 5 days

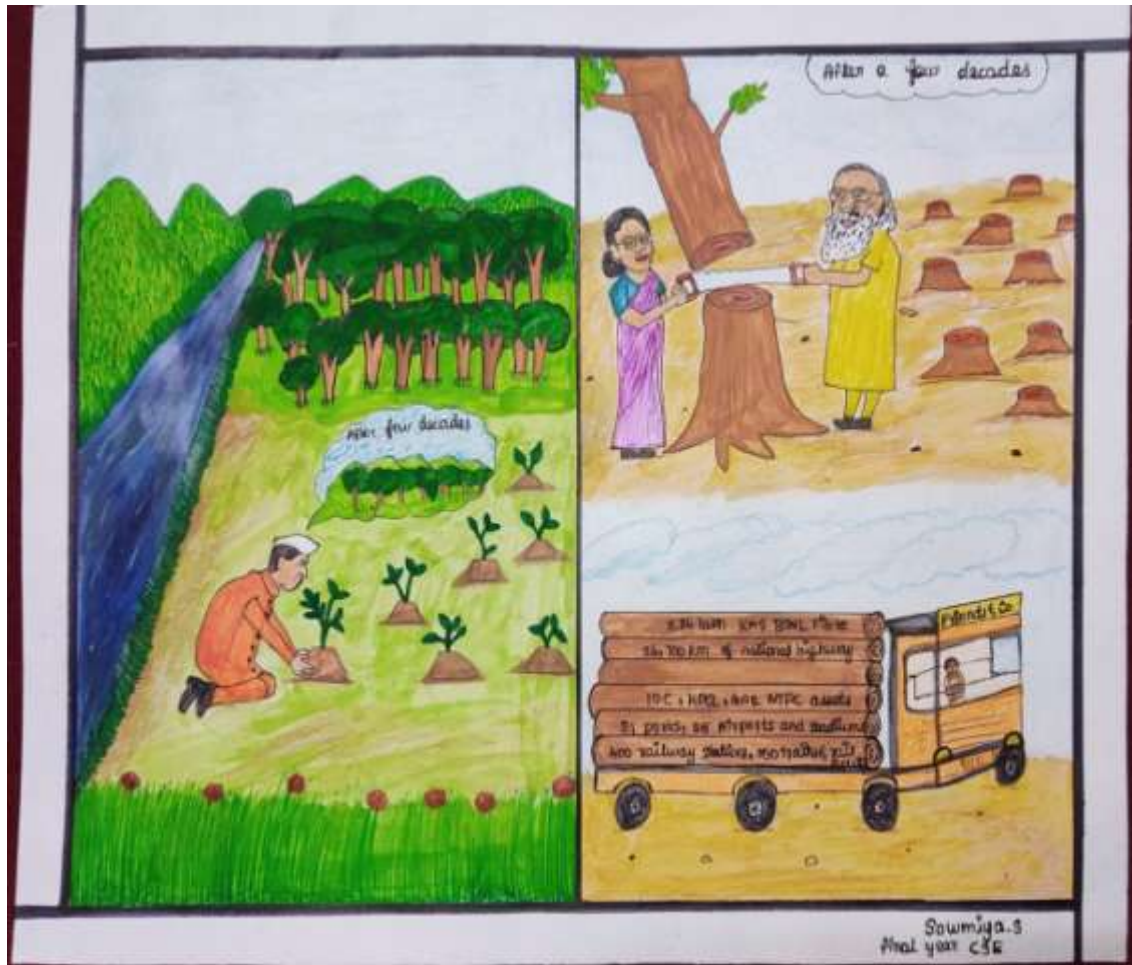
### 14. Industrial Training Taken by the Faculty

Sl. No	Name of the faculty	Name of the company	Date & Duration
1.	Mr.U.Gowrisankar	National Institute of Technical Teachers Training and Research, Chennai	22.11.2021 to 26.11.2021 5 days

2.	Ms.E.Angel Anna Prathiba	Infosys, Springboard	28.12.2021
3.	Ms.E.Angel Anna Prathiba	National Institute of Technical Teachers Training and Research, Chennai	22.11.2021 to 26.11.2021. 5 days
4.	Ms.R.Punitha Gowri	Infosys	31.08.2021 to 02.09.2021 3 days
5.	Mr.M.Senthil Kumar	National Institute of Technical Teachers Training and Research, Chennai	22.11.2021 to 26.11.2021. 5 days
6.	Mr.M.Sivakumar	Infosys	31.08.2021 to 02.09.2021 3 days
7.	Mr.S.Tamil Selvan	Infosys Limited	16.06.2021 to 18.06.2021. 3 days
8.	Mr.K.A.Dhamotharan	Infosys Limited	16.06.2021 to 18.06.2021. 3 days
9.	Dr.G.Saravanan	Infosys Limited	16.06.2021 to 18.06.2021. 3 days
10.	Dr.G.Saravanan	NITTTR, Kolkatta	31.5.2021 to 4.6.2021 5 days

Students Activity Cornor

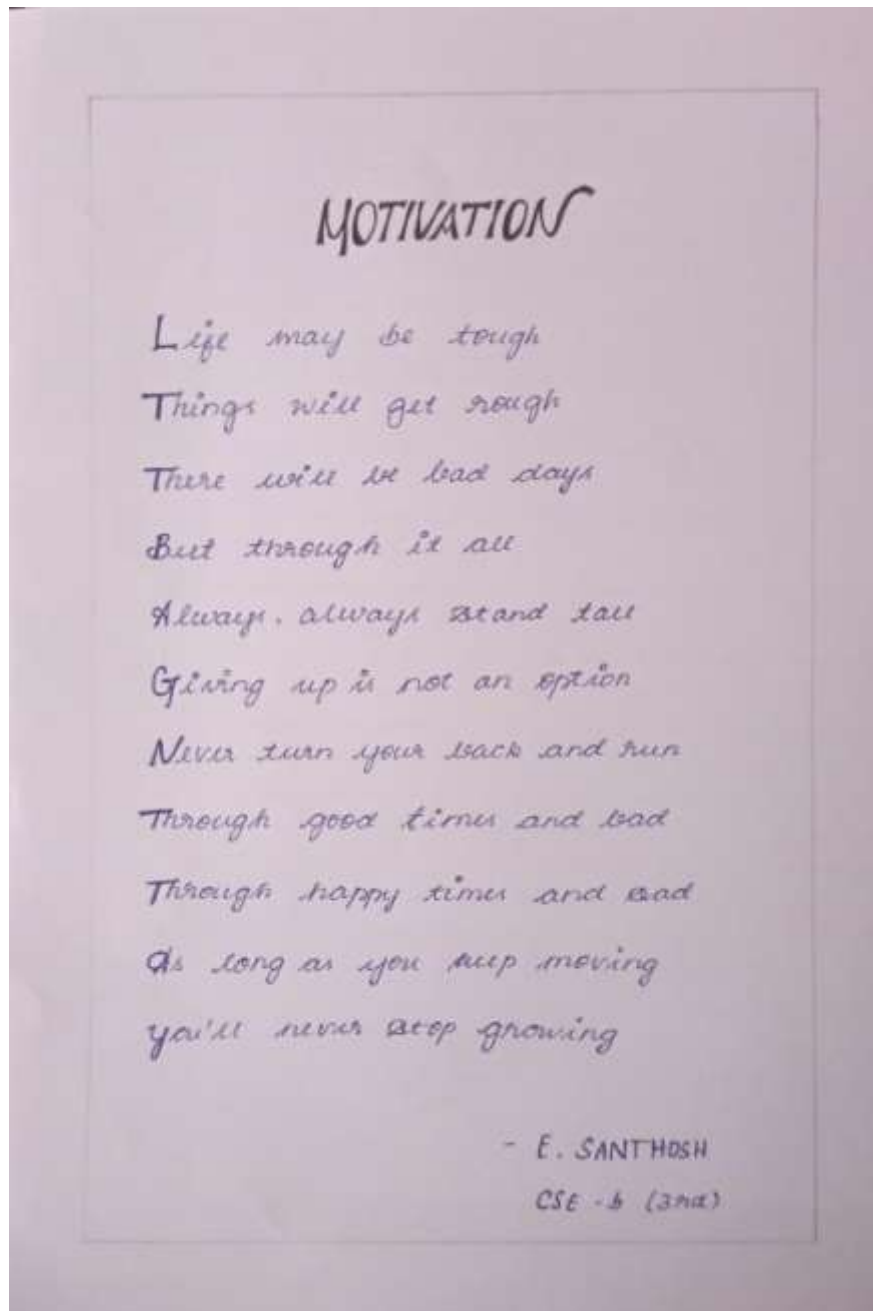




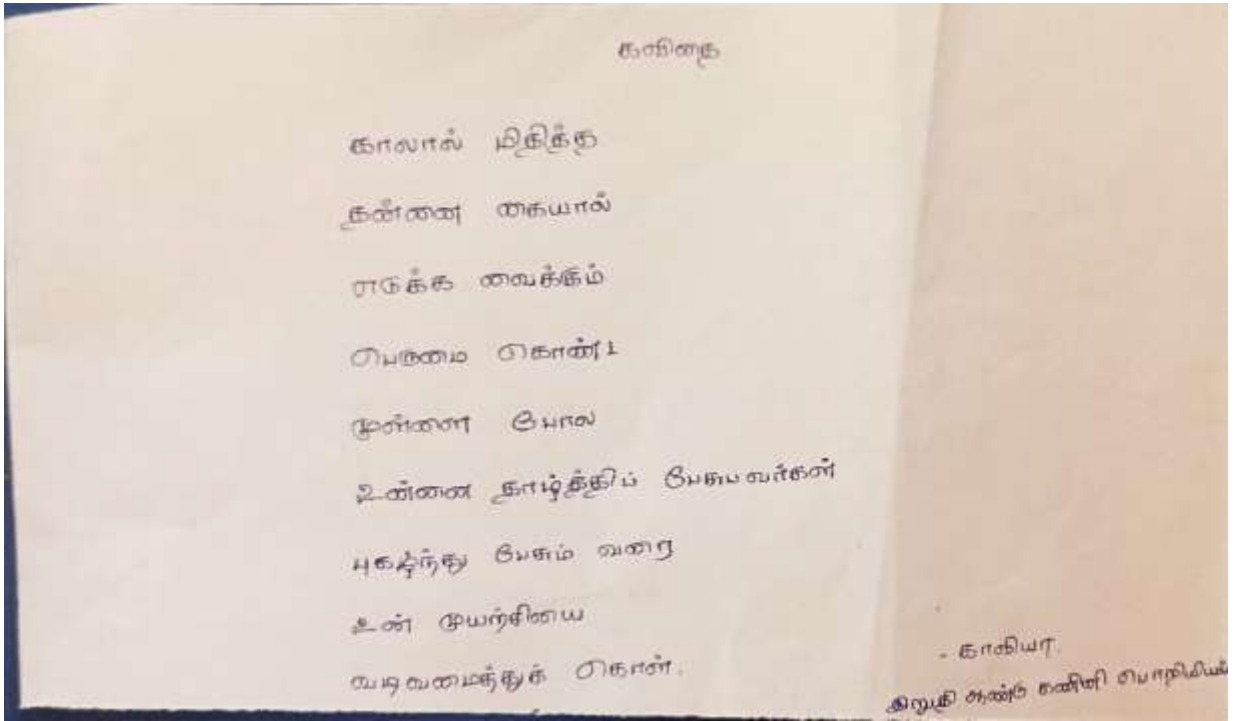




## A. Poetry writing







## B. Paragraph writing

NAME : A. sneha

DEPARTMENT : III - CSE - B

TOPIC : உணவு மருந்து

## உணவு மதிந்து

### சிறிய சட்டம் :

- \* முன்னுரை
- \* உணவின் திணிமையானமை
- \* சிறந்த உணவின் சுவை
- \* சிறந்த உணவு
- \* சிறந்த உணவுப்பழக்கம்
- \* முடிவுரை

### முன்னுரை :

\* மனிதனுடைய அடிப்படை தேவைகளான உணவு, உடை, உறையுள் இங்கு முன்றியும் உணவு மிகவும் முக்கியமானதாக கருதப்படுகின்றது.

\* சிறந்த உணவுகளை கருந்த நேரத்தில் உணவு நீண்ட காலத்திற்கு ஆரோக்கியமாக வாழ சிறந்த வழியாகும்.

முடிவுரை :

\* எமது உணவுப்படிக்கமானது நாகரீகம், சமீக உளர்ச்சி  
உாழ்க்கை நரம் உாண்ை நாரணிகளால் லாற்றியமைக்கல்  
- படுகின்றது .

\* படுக்துவ லகம் எவ்வளவு உளர்ச்சியடைந்து  
நாணப்பலாமும் ஆரோக்கியமான உணவை உண்கி  
உநாய் லாடிகள் உறழன் காப்படுத சிறந்தது .

\* எவ்வை சிறந்த உணவு படிக்கக்கதை பெணர்  
நீண்ட ஆயுளைப்பிழந்து உாழ்வொமாக .

### சிறந்த உணவுப்பழக்கம் :

\* ஆடு மனைகள் ஆரோக்கியமானவனாக வாழ  
அவன் சிறந்த உணவுப்பழக்கத்தை உடையவன் திடுக்கி  
வெண்டும். ஆடு நாளில் முன்று வேளைகளும் உணவை  
தவறாமல் உட்கொள்ள வேண்டும்.

\* நாவலவேளைகளில் உணவை தவறாமல் எடுக்கத்  
தொள்வது நல்லது. சாங்குரிபாக ஏனைய வேலைகளை  
எடுக்க உதவும். மதிய உணவு ஆடு முழுமையான  
உணவாக திடுப்பதொடு கிரவு உணவு எடுத்தாக சும்பாடு  
அடையக்கூடியதாக திடுக்கவேண்டும்.

\* துரித உணவுகளை முழுமையாக திரும்பு  
திறந்து. அவற்றை உட்கொள்வது சும்பாடு, புற்றுநோய்  
பொன்ற நொய்களை ஏற்படுத்தவல்லது.

\* ஏற்கனவே உண்ட உணவு சும்பாட்டை  
பின்னரே சிடுக்க உணவை உண்ண வேண்டும் என  
கமிடி மருத்துவம் குறிப்பிடுகின்றது.

✦ நான்மீதும் மறவும் பழங்கீசன் தந்திருக்கின்ற  
 நேரநடைவாயாகவும், சந்தமனாவையாகவும் திருத்தவெல்கும்,  
 தன்பொரு அணையடுக்கும் லீள மிரச்சினை யாடுகின்ற  
 மீறந்த உணவும் வாயுட்களை எவ்வாறு வயநுந் தருகின்ற  
 -தன்  
 அன்புநாடும்.

✦ ஏனெனில் ஏன்நடவிலி தொள்வனவு எய்யப்படுமீ  
 உணவுப்பொருட்கள் பாதுகாப்பானவையா என்பதை அறிந்து  
 தொள்வது கடினம். எனவே நாம் இடையகும் திந்திலெய்  
 மறிய சீமந்தநொட்டங்களை உணவிலு நமக்கு தருவாயான  
 தாய்க்குறளை அங்கெல் பழறிடுவது சிறந்தது.

✦ பொது எய்யப்பட மீன், திறைச்சி போன்றவற்றை  
 தொள்வது எய்யாமல், மீன்களை மீன் கிணையிலும்  
 திறைச்சிகளை அவை புதிதாக கிணையிலும் திடங்கொடுக்கும்  
 தொள்வது எய்யவது சிறந்தது.

✦ ஏனெனில் பொது எய்யப்பட உணவுப்பொருட்கள்  
 மீனிட நாலத்திற்கு படுகையாமல் இடுப்பிற்கு அருகாய்  
 பொருட்கள் கலக்கப்பட சி பொது எய்யப்படுகின்றது.



\* தினேறைய உவகமான வாழ்க்கை சட்டத்தில்  
 யாருக்குமே சந்திக்களி நிறைந்த உணவை பக்குவமாக  
 சமைத்து உண்பதற்கான உதரம் தடைப்பதில்லை. இதனால்  
 அனைவருமே நுரித உணவுகளை சகாள்வனவு  
 சமயங்களையை பெரிதும் கிடும்புகின்றார்கள் .

\* உதரமின்மை பாரிய ப்ரச்சினையாக திகழ்வதும்  
 நாம் உண்ணும் உணவுகள் ஆரோக்கியமானவையாக  
 இருந்தால் மாத்திரமே நீண்டகாலத்திற்கு உயிர் வாழ  
 முடியும் .

### சிறந்த உணவு :

\* நாம் அன்றாடம் உண்ணும் உணவில் காய்கறிகள்,  
 பழங்கள், தானியங்கள், திமைச்சி, முட்டை மற்றும் தீரை  
 உலகங்கள் பொன்ற அனைத்து சந்திக்கின்றனவும் சகாண்ட  
 உணவுப்பொருட்களை உள்ளடக்க வேண்டும்.

\* நோய்கள் நம்மை அண்டிவிட்டால் மகிழ்ச்சியாக வாடி தியலாகு. நோய்நொடிகள் நம்மை வந்தெங்காது கிடுப்பதற்கு நாம் ஆரோக்கியமான உணவை நசிந்த நேரத்திற்கு உண்ண வேண்டும்.

### சிறந்த உணவின் தேவை :

" மருந்தென வேண்டாவாம் யாக்கைக்கு அகிந்தியது அற்றது போன்றி உணவின் " திவ்வாவு உணவின் எடுமையை குறிப்பிடுகின்றார் வள்ளுவர்.

\* அநாவது நாம் தினமும் உணவு உண்கும் போது எந்த உணவு நம் உடலிற்கு எய்துத்தமானது என்பதை ரிசர்வு செய்து உண்தலை ஏறந்த மருந்தாக அமைந்து சிடுகின்றது.

\* நல்ல உணவை எடுத்துக் கொள்ளும் போது எந்த கிதமான நோய் நொடிகளும் நம்மை வந்தெங்காது தன்பாணதய நலின உலகில் சரியான உணவை ரிசர்வு செய்து உண்பது மீதவும் கடினமானது.

\* திந்த உலகத்திலுள்ள மனிதர்கள், தியங்கிகள் உட்பட ஏனைய அனைத்து உயிரினங்களும் உயிர்வாழ உணவு மிகவும் அவசியமானது. உணவு கிடைக்காமல் உயிர்கள் கிடைக்காது.

\* திந்த உலகத்தில் உணவு மிகவும் அரிதாக உயிர்வாழ பார்த்தலாம்.

### உணவின் திந்தியமைப்பை :

"உணவு முதலில் உலகம்" என்று நமது முன்னோர்கள் குறிப்பிட்டுள்ளார்கள். அந்நேரம் உணவை அடிப்படையாக வைத்தே திந்த உலகம் துவங்குகின்றது. உணவு உடலிற்கு திந்த உலகம் துவங்குகின்றது. உணவு உடலிற்கு திந்த உலகம் துவங்குகின்றது.

\* உயிர்வாழ உணவை உட்கொள்ளாது திந்த உலகம் துவங்குகின்றது. உணவை உட்கொள்ளாது திந்த உலகம் துவங்குகின்றது.



## PARTICIPATION IN TEAM SPORTS HELPS TO DEVELOP GOOD CHARACTER.

Participating in team sports helps to develop good character because sports involve team work, gaining of social experiences and helps relieve stress. Being on a sport team creates the opportunity to gain meaningful insight into one's self. This is the time to gauge reaction and learn appropriate responses to difficult situations. Athletes learn not to become defeated by a loss, but to dig in and believe they can win even when the score board says otherwise. It teaches each individual to stay balanced through the up and down of sport teaches athletes to stay on the axis and avoid circular emotion.

When one takes a good look at the variety of benefits available to those who participate competitively in sport, one cannot help but see how comprehensive they are in the development of a well rounded

individual. I know of nowhere else that a person has the opportunity to gain so much, both on the inside and out, all from one place. Today a significant number of people agree that, engaging in team work, gaining of social experiences and aid to relieve stress.

Team work is very versatile character idiosyncrasy. It can be used in many part of life, from sports to the workplace. Even team sport also encourages peoples to work with others, as they try to reach for the same goal. Team sports help to build character because they teach people discipline, how to work in group and how to have to the good sportsmanship. Sports injuries activities such as sport, organization may be compelling argument, but studies show that, youth sport is a good form of psychology for children's mind and body development which leads to a healthier adulthood.

NAME : SARAN RAG. J. T









Roll No : 19104066


## List of students placed in 2020- 21

		
Mr.S.Sathish Kumar Tata Consultancy Services (3.36 LPA)	Mr.S. Vidhunraj Tata Consultancy Services (3.36 LPA) Focus Edumatics(1.68 LPA)	Ms.P.Suchitra Tata Consultancy Services (3.36 LPA)
		
Mr.Ashwin balaji Webberax (2.04 LPA) TCS (3.36 LPA) Focus Edumatics (1.68 LPA)	Ms. K.Pavatharani Calibrant Technologies (3 LPA)	Ms. V.Yazhini Calibrant Technologies (3 LPA)
		
Ms. R.Rizwana Calibrant Technologies (3 LPA)	Mr. G.Sathishku Calibrant Technologies (3 LPA)	Mr.G.Thangavel Calibrant Technologies

		(3 LPA) 
Mr. C.Praveen Aspire Systems (3.6 LPA)	Mr.I.Sadhik Basha Aspire Systems (3.6 LPA)	Ms. P.Deepika Aspire Systems (3.6 LPA)
		
Mr.J.Karthick Ram Aspire Systems (3.6 LPA)	Mr.L.Naveen Kumar Focus Edumatics (1.68 LPA)	Ms.S.Oviya Focus Edumatics (1.68 LPA)
		
Mr.M.Pradeep Focus Edumatics (1.68 LPA)	Mr.T Pradeesh Focus Edumatics (1.68 LPA)	Mr.U Naveen Focus Edumatics (1.68 LPA)



		
Mr.N.Prem Kumar Focus Edumatics (1.68 LPA)	Mr.K.Rajkumar Focus Edumatics (1.68 LPA )	Ms.Ramya .S Focus Edumatics (1.68 LPA)
		
Ms.Ramya .S Focus Edumatics (1.68 LPA)	Ms.M.Ranganayagi Focus Edumatics (1.68 LPA)	Mr.Reyan Thaiba Focus Edumatics (1.68 LPA)
		
Mr.Sadhik Basha.I Aspire Systems (3.6 LPA) Focus Edumatics (1.68 LPA)	Mr.Siva Prasad.D Focus Edumatics (1.68 LPA) L Cube Innovative Solutions (2.6 LPA)	Ms.Sneha.R Focus Edumatics (1.68 LPA)

		
<p>Ms.Anitha.M Focus Edumatics (1.68 LPA)</p>	<p>Mr.Arun Balaji Focus Edumatics (1.68 LPA)</p>	<p>Mr.Annamalai Focus Edumatics (1.68 LPA)</p>
		
<p>Mr.Athiyaman.P Focus Edumatics (1.68 LPA)</p>	<p>Mr.Bharathi.B Focus Edumatics (1.68 LPA)</p>	<p>Mr.Hariharan.D Focus Edumatics (1.68 LPA)</p>
		
<p>Ms.Harini Priyadharshini.P Focus Edumatics (1.68 LPA)</p>	<p>Ms.Hemalatha .M.B Focus Edumatics (1.68 LPA)</p>	<p>Ms.Induja.M Focus Edumatics (1.68 LPA)</p>

		
Ms.Jayashree.M Focus Edumatics (1.68 LPA)	Ms.Jeevitha.S Focus Edumatics (1.68 LPA)	Mr.Jothimurugan.N Focus Edumatics (1.68 LPA)
		
Mr.Kathirvel.P Focus Edumatics (1.68 LPA)	Ms.Malaviga.S Focus Edumatics (1.68 LPA)	Ms. Meena. K Focus Edumatics (1.68 LPA)
		
Ms. Mohana. R Focus Edumatics (1.68 LPA)	Ms. Mowliya. K Focus Edumatics (1.68 LPA)	Ms. Mukesh Nithin. R Focus Edumatics (1.68 LPA)

		
<p>Mr.Muthu Bhuvanesh Focus Edumatics (1.68 LPA)</p>	<p>Ms.Dharani.R Focus Edumatics (1.68 LPA)</p>	<p>Ms.S.Karthika Focus Edumatics (1.68 LPA)</p>
		
<p>Ms. Nataraj.K Webberax (2.04 LPA)</p>	<p>Ms. Vinothini.D Webberax (2.04 LPA)</p>	<p>Ms. Rekha.P Webberax (2.04 LPA)</p>



**Glimpses of event organized by CSE**

		
<p><b>Guest Lecture on “Green computing”</b> <b>Mr. Charathkumar</b> <b>Principal Consultant</b> <b>Infosys Ltd.</b></p>	<p>Guest Lecture on the topic “NBA Awareness Program (Criteria Wise File Preparation)” Dr. G. Sivakumar,</p>	<p>Workshop on “Mobile Application Development using Google Flutter” Mr. B. Srikanth, Software developer, Queensland University, Melbourne, Australia.</p>
		
<p>Code Scape Dr. G. Sivakumar, Head of the Department/CSE, Erode Sengunthar Engineering College</p>	<p>“Overview of Cloud Services and Devops strategies (Azure, AWS) with Demonstration” Mr.T.Balaji, Software Support Engineer, Wallmart Global Tech India, Chennai.</p>	<p>Seeminar on Cryptography and Cyber Security” Mr. S. S. Prasanna, Trainer</p>
		
<p>Leader of Month “Demonstration of Hybrid Mobile App Programming” Mr. Anand App Developer, Msys Tech Pvt. Ltd., Chennai.</p>	<p>Technical Fun Event Program II Year AI &amp; DS and II year CSE students by III year and IV Year CSE students.</p>	<p>Technical Fun Event Program II Year AI &amp; DS and II year CSE students by III year and IV Year CSE students.</p>

**DEPARTMENT OF CHEMICAL ENGINEERING****1. Best five achievements of the department :**

1. A new chemical industry called **Harji Labs Systems** initiated inside the college campus to provide internships for students, new product design, development, manufacturing, commissioning and for supporting student placements.
2. Dr.P.Akilamudhan, Professor and Head, Department of Chemical Engineering has received a fund of Rs.3,56,666 from AICTE for conducting a Short Term Training Program on “Artificial Neural Networks for rapid progress in Chemical and Allied industries”.
3. Dr.T.Usharani, Assistant Professor has successfully completed her Doctorate degree under the title “Studies on removal of Organic Pollutants using  $\text{TiO}_2$  based Photocatalytic materials” on September 2<sup>nd</sup> 2021
4. Dr.P.Akilamudhan, Professor and Head have prepared household products such as sanitizers, liquid detergents, floor cleaners using harmless chemicals.
5. Tuticorin Alkali Chemicals Limited, Tuticorin – A joint venture of Government of India have been brought for campus placements. Three Final year students got placements during the academic year 2021 – 2022.

**2. Association activities**

- The department of Chemical Engineering organized a Guest Lecture on the topic “Algae – A Noble link”. Dr. K. P. Gopinath, Associate Professor, Chemical Engineering, SSN College of Engineering acted as a resource person and delivered a highly useful lecture to Chemical Engineering Students.

- The department of Chemical Engineering organized a Guest Lecture on the topic “Research Methodology in Wastewater Treatment”. Dr. P. Senthil Kumar, Professor, Department of Chemical Engineering, SSN College of Engineering delivered a guest lecture to Chemical Engineering Students.
- The Department of Chemical Engineering arranged a Guest Lecture on the topic “Emerging Technologies in Chemical Engineering”. Ms. Mohanapriya, Assistant Engineer, Nagarjuna Cements Ltd, Hyderabad was the resource person.
- The Department of Chemical Engineering arranged a Guest Lecture on the topic “Role of Chemical Engineers in the Quality Development”. Mr. C. Ganesh, Quality Manager, Supplier Sourcing Development, NORDEXACCIONA, Bangalore was the resource person.

### 3. Mou Details

- The department of Chemical Engineering has signed a Memorandum of understanding with “The Nilgiris Stonewares and Chemicals Limited, Coimbatore” on 18.3.2021.

### 4. Patent /Patent submission status

- Mrs.R.Umapriya, Assistant Professor, Department of Chemical Engineering have filed a patent on “IOT based Natural UV Passed Room Air Sterilizer”. Application number: 202031038364 A. Date of filing: 4.9.2020 and Date of Publication: 9.10.2020.
- Mrs.R.Umapriya, Assistant Professor, Department of Chemical Engineering has filed a patent on “IOT based Surface Dust Finding and Cleaning Machine”. Application number: 202041039495 A. Date of filing : 11.9.2020 and Date of Publication : 25.9.2020.

### 5. Details Of Paper Presented By The Students

Sl. No	Name of the Student	Title	Venue	Date
1.	M.L.Manju and M.F.Ajay Varshan	A study on the effect of hair dye from indico leaves	Karpagam Institute of Technology, Coimbatore	26.3.2021 to 27.3.2021

2.	M.Sivathanush and G.Marikannan	Petroleum refinery and petrochemical	Paavai Engineering College	27.8.2021
3.	R.Vetha vivin and A.Pulamadan	Green chemistry	Paavai Engineering College	27.8.2021
4.	M.Kowsalya and P.R.Kokul	Material Science and Nanotechnology	Paavai Engineering College	27.8.2021

#### 6. Participation by students in Seminar/National/ International conferences

S. No.	Name of the Student	Title of the Conference/Seminar	Venue	Date
1.	C.Marimuthu and M.Kalaiselvam	International conference - CHEMCON 2020 - Supervision and Control to improve the Productivity of Stirred Tank Batch Reactor	IICHE Hyderabad Regional centre	27.12.2020 - 29.12.2020
2.	R.Kishorkumar and K.Mohammed Anas	Webinar on “Improving Food Quality and Food Safety with Steam Systems”	IChemE North and West Yorkshrire Members Groups	7.10.2020
3.	R. Ranjani	Webinar on “MATLAB Applications in process simulation and control”	Sri Venkateswara College of Engineering	23.5.2020 - 24.5.2020
4.	A.AswathVikram	Webinar on “Automation using Delvelops and Python”	Rotaract club of Coimbatore Spectrum	30.9.2020
5.	S.Mathankumar and R.Pavithran	Webinar on “Effluent treatment in Dying Industries”	Arasu Engineering College, Kumbakonam	20.4.2021
6.	C. Karthikeyan and M. Prasanth	Webinar on “Tricks and Techniques to Start a Start-up”	Hindustan College of Engineering and Technology, Coimbatore	30.6.2020

7.	R.Vetha vivin and M.Sivathanush	Webinar on “HAMMER BRAIN”	A National level Edu-Tech Fest organized by L.D.College of Engineering	30.9.2020
8.	Avani Praveen, C.Madan and G.Marikannan	National webinar on “Entrepreneurs in the Bands of Engineers-Made in India”	St. Joseph’s College of Engineering, Chennai	10.4.2021
9.	A. Pulamadan	Webinar on “Technical Session on Internet of Things (IoT)”	Chemical Engineering Students Society, NIT Durgapur	1.10.2021
10.	S. Yogesh	Webinar on “Role of Chemical Engineers in Bioresearch”	e-Yantra Lab Setup Initiative (eLSI)	30.5.2021
11.	S. Yogesh	Webinar on “How do you Decarbonise the Transport Sector Part 3: Medium to Long Term Covering to 2050”	IET	23.11.2021

### 7. Workshop Attended By The Students

Sl. No	Name of the Student	Title of the Workshop	Venue	No of Days
1.	Shyju S, Sivathanush M, Marikannan G and Hari Ram S	Master Class on “P2B 151 Python and Machine Learning Fundamentals”	Perfect Plan B ELearning Private Limited	2.12.2021
2.	Marikannan G and Hari Ram S	Workshop on “Genesis 2021”	E-Cell IIM Calcutta	5.12.2021
3.	Marikannan G and Hari Ram S	Research Methodology	Department of Biotechnology, Faculty of Engineering, Karpagam Academy of Higher Education, Coimbatore	8.01.2022

**8. Internship Training Attended By The Students**

Sl. No	Name of the students	Year/Class	Name of the company	Date & Duration
1	Monisha E K	IV Year	Manali Petrochemicals Private Limited, Chennai	23.12.2021-30.12.2021
2.	Lavanya D	IV Year	Manali Petrochemicals Private Limited, Chennai	23.12.2021-30.12.2021
3.	Monishadevi B	IV Year	Manali Petrochemicals Private Limited, Chennai	23.12.2021-30.12.2021
4.	Mohammed Basim T	IV Year	Travancore Cochin Chemicals Ltd Kochi	08.12.2021 - 24.12.2021
5.	Vibin Joseph	IV Year	Travancore Cochin Chemicals Ltd Kochi	08.12.2021 - 24.12.2021
6.	Mohammed Sayis	IV Year	Travancore Cochin Chemicals Ltd Kochi	08.12.2021 - 24.12.2021
7.	A Jeyabalan	IV Year	SPIC Tuticorin	20.12.2021-31.12.2021
8.	A Kannan	IV Year	SPIC Tuticorin	20.12.2021-31.12.2021
9.	V Kirubakaran	IV Year	SPIC Tuticorin	20.12.2021-31.12.2021
10.	K Rengaraj	IV Year	SPIC Tuticorin	20.12.2021-31.12.2021
11.	Arun Kumar S	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021-05.12.2021
12.	Aswath Vikram A	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021-05.12.2021
13.	Azad Mohamed S	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021-05.12.2021
14.	Easuprem A	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021-05.12.2021

15.	Pavithran R	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021- 05.12.2021
16.	Prasanth M	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021- 05.12.2021
17.	Santhageethan R	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021- 05.12.2021
18.	Sathish Kumar M	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021- 05.12.2021
19.	Sathya Saran S	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021- 05.12.2021
20.	Abishek S	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021- 05.12.2021
21.	Arjun. S	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021- 05.12.2021
22.	Gowthamans S	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021- 05.12.2021
23.	Karthikeyan C	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021- 05.12.2021
24.	Nivendan G	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021- 05.12.2021
25.	Praveen Kumar S	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021- 05.12.2021
26.	Vivekananthan S	IV Year	Solara Active Pharma Sciences Cuddalore	20.12.2021- 05.12.2021
27.	Arun Dellus A	IV Year	TAMIN Graphite Pvt Ltd Sivagangai	20.12.2021- 05.12.2021
28.	Mohamed Anas K	IV Year	TAMIN Graphite Pvt Ltd Sivagangai	20.12.2021- 05.12.2021
29.	Solaimani S	IV Year	TAMIN Graphite Pvt Ltd Sivagangai	20.12.2021- 05.12.2021
30.	MathanKumar	IV Year	Rajsriya Automotive Industries	22.12.2021- 05.12.2021

31.	Praveenmuthu M	IV Year	Orchid Pharma Ltd Chennai	27.12.2021-31.12.2021
32.	Kesavan.M	IV Year	Orchid Pharma Ltd Chennai	27.12.2021-31.12.2021
33.	Karmegam.J	IV Year	Orchid Pharma Ltd Chennai	27.12.2021-31.12.2021
34.	Suresh Babu.M	IV Year	Orchid Pharma Ltd Chennai	27.12.2021-31.12.2021
35.	Thiyaneswaran.K Kathirvel S Balamurugan E Sridhar.S Pugalendgi.E Rohit P	IV Year	Tanfac Industries Cuddalore	27.12.2021-31.12.2021
36.	Roshini.M Mohana Priya V Kabala Sree C Shanthi M Sheeba M	IV Year	Orchid Pharma Ltd. Chennai	04.01.2022-08.01.2022
37.	Shivathanush M Roohulla.S Sundar R Yogesh S	III Year	Manali Petrochemicals Private Limited, Chennai Manali Petrochemicals Private Limited, Chennai Manali Petrochemicals Private Limited, Chennai Sri Venkateswara Processor, Udumalpet.	05.01.2022-12.01.2022
38.	Dhanusha V Kamali,N (ES19CH20) Manju.M.L (ES19CH28) Meenakshi.S (ES19CH32) Powleen Nisha.C (ES19CH40)	III Year	SSM Processing Mills	03.01.2022-13.01.2022



### 9. Internship Training Taken By The Students

Sl. No	Name of the students	Name of the company	Date & Duration
1.	A. Kannan, K. Rengaraj, V. Kirubakaran, A. Jeyabalan	Internship program on "Quality Management System"	2.10.2020 – 3.10.2020

### 10. NPTEL Courses Done By The Students

Sl. No	Name of the student	Name of the Course	No of weeks	Rank
1.	Kokul P R	Aspen Plus simulation software – a Basic Course for Beginners	12	Elite
2.	S.Arjun	Electrochemical technology in Pollution control	8	-
3.	S.Arjun	Waste to Energy Conversion	8	-

### 11. Journal Publications By The Faculty

S.No	Name of the faculty	Title of the Paper	Name of the Journal	Details
1.	R Umapriya	A Novel method –Mixed matrix membrane : An overview	Journal of Ceramic Processing Research	Volume 21, No 3, (March 2020), pp. 309-318. Impact factor : 0.690
2.	T.Usharani	Photocatalytic Degradation of Synthetic dye by immobilized doped nano particles on Polyurethane foam reactor using response surface methodology	Journal of Ceramic Processing Research	Volume 21, No 5, (August 2020), pp. 552-564. Impact factor : 0.690

3.	T.Usharani	Efficient photocatalytic degradation of 2,4-dinitrophenol over mesoporous Zr and Ce co-doped TiO <sub>2</sub> under visible light	Desalination and Water Treatment	Volume 217, No 5, (November 2020), pp.320-328. Impact factor : 1.254
----	------------	---	----------------------------------	---

### 12. Publications By The Faculty Members In National/International Conferences

S. No.	Name of the faculty	Name of the Conference	Paper presented on (Topic)	Venue	Date
1.	V.Santhosh	CHEMCON 2020	Supervision and Control to improve the Productivity of Stirred Tank Batch Reactor	IICHE Hyderabad Regional centre	27.12.2020-29.12.2020
2.	V.Santhosh	International conference on Recent Advances in Applied sciences , Technology 2021	Utilization of crab shell based catalyst ( <i>callinectus sapidus</i> ) for the transesterification of biodiesel	SRM Institute of Science and Technology	3.3.2021 – 5.2.2021

### 13. FDPs /STTPs Attended By The Faculty

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1.	V. Santhosh	STTP on “Sustainable Design of Chemical Process Plants by Using ASPEN PLUS and ASPEN HYSYS Simulating Tools”	Vellore Institute of Technology	06 days
2.	V. Santhosh	STTP on “Fostering an Effective Research Environment and Industrial Collaborations in Engineering Education”	St. Joseph’s College of Engineering	06 days
3.	V. Santhosh	FDP on “Strategies on writing Research Paper”	SSN College of Engineering	10 days

4.	V. Santhosh	FDP on “Augmentation of SMART Materials and Technology for Commercial Energy Harvestation”	Kongu Engineering College	23.11.2020 - 12.12.2020
5.	V. Santhosh	FDP on “Development of Chemical Engineering Thermodynamics Laboratory for Undergraduates”	School of Engineering and Technology, GIET Univesity, Guntur	14.12.2020 - 19.12.2020

#### 14. Webinars Attended by the Faculty

Sl. No	Name of the faculty	Name of the Webinar	Venue	No of Days
1.	V.Santhosh	Technology – The Future of Recruitment	Sri Eshwar Engineering College	01 day
2.	V.Santhosh	Non Covalent Functionalization of Graphene for Super-capacitor	SSN College of Engineering	01 day
3.	Dr.T.Usharani	Research Publication: Skills, Ethics and Misconducts	Kumaraguru College of Technology	01 day
4.	Dr.T.Usharani	Application of Natural Dyes	Erode Sengunthar Engineering College	01 day
5.	G.V.Aatral	Matlab Applications in Process Simulation & Control	Sri Venkateshwara College of Engineering	01 day
6.	G.V.Aatral	Cognitive Blooms Level Taxonomy in Exam Paper Assessment –A case study	Erode Sengunthar Engineering College	01 day







**15. NPTEL course done by the faculty**

Sl. No	Name of the faculty	Name of the Course	No of weeks	Rank
1.	V. Santhosh	NBA Accreditation and Teaching – Learning in Engineering (NATE)	12	ELITE

**16. Class Wise Toppers List**

Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1.	Annanya Anil	IV year A section 2017-2021 Batch	Chemical	9.02	First
2.	Vedhika	IV year B section 2017-2021 Batch	Chemical	9.06	First

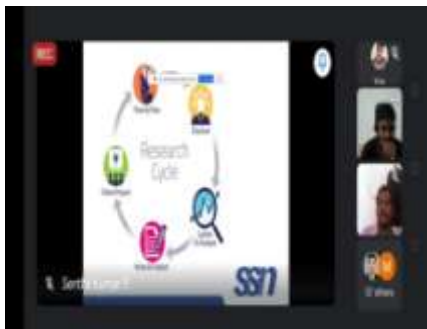


**LIST OF STUDENTS PLACED 2020-21**

		
<b>C.GOKULRAJ TECHNOFORT Pvt.Ltd</b>	<b>V. KIRUBAKARAN LIDO LEARNING</b>	<b>E. P. BHAVADHARANI AVASOFT TECHNOLOGIES</b>
		
<b>V. MOHANKUMAR WIPRO LIMITED</b>	<b>M. PRAVEENMUTHU TUTICORIN ALKALIS &amp; CHEMICALS</b>	<b>A.KANNAN TUTICORIN ALKALIS &amp; CHEMICALS</b>
		
<b>M. SURESH BABU TUTICORIN ALKALIS &amp; CHEMICALS</b>	<b>E. BALAMURUGAN ASCENT CIRCUIT LIMITED</b>	<b>S. KATHIRVEL ASCENT CIRCUIT LIMITED</b>

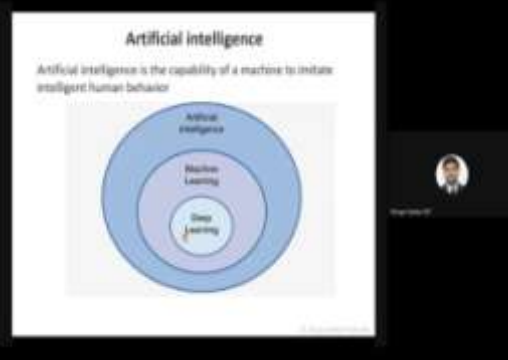



		
<p><b>J. KARMEGAM</b> <b>ASCENT CIRCUIT</b> <b>LIMITED</b></p>	<p><b>K. MOHAMED ANAS</b> <b>ASCENT CIRCUIT</b> <b>LIMITED</b></p>	<p><b>K. RENGARAJ</b> <b>ASCENT CIRCUIT</b> <b>LIMITED</b></p>
		
<p><b>M. KESAVAN</b> <b>ASCENT CIRCUIT</b> <b>LIMITED</b></p>	<p><b>D. LAVANYA</b> <b>WEBRAX</b> <b>TECHNOLOGIES</b></p>	<p><b>M. SURESH BABU</b> <b>WEBRAX</b> <b>TECHNOLOGIES</b></p>
		
<p><b>S. SATHYA SARAN</b> <b>JOBWORLD</b></p>	<p><b>R. RANJANI</b> <b>JOBWORLD</b></p>	<p><b>J. KARMEGAM</b> <b>JOBWORLD</b></p>

	
<b>M. PRAVEENMUTHU</b> <b>JOBWORLD</b>	<b>A. ASHWATH</b> <b>VIKRAM</b> <b>GODB</b>

### Glimpses Of Event Organized By Our Department

		
<b>Guest Lecture on “Research Methodology in Wastewater Treatment”</b> <b>Dr.P.Senthil Kumar</b> <b>Professor</b> <b>Head, Centre for Excellence in Wastewater</b> <b>SSN Engineering college.</b>	<b>AICTE Sponsored Short term training program on “Application of Artificial Neural Network (ANN) For Statistical Model Validation”</b> <b>Dr. R. Ravikumar,</b> <b>Professor, Biotechnology,</b> <b>Bannari Amman Institute of Technology.</b>	<b>Short Term Training Program on “Artificial Neural Networks for rapid progress in Chemical and Allied Industries”</b> <b>Dr. Sishaj P Simon,</b> <b>Associate Professor, EEE,</b> <b>National Institute of Technology, Tirchy</b>

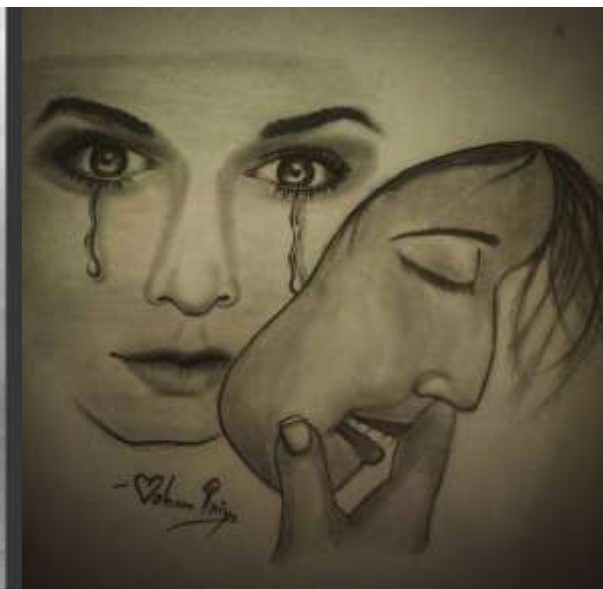


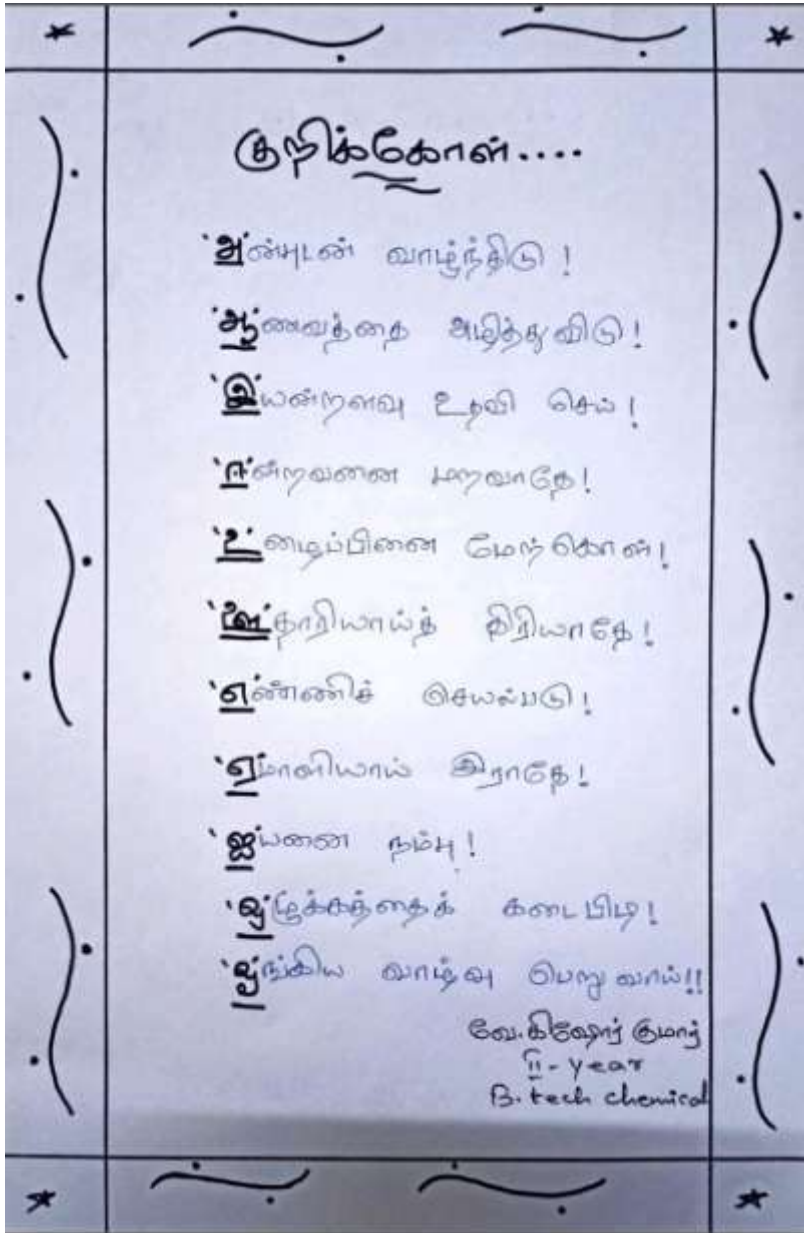
		
<p><b>STTP on “Understanding Artificial Neural Networks and their Applications in Chemical Engineering”</b></p>	<p><b>STTP on “Understanding Artificial Neural Networks and their Applications in Chemical Engineering”</b></p>	<p><b>Leaders Talk “Challenges encountered in Chemical Process Industries” Mr.A.Viswanathan, Process Engineer, SPIC, Tuticorin.</b></p>
		
<p><b>Alumni Interaction “Opportunities and Challenges in Petrochemical sector” Miss.V.Husmitha, Lead Engineer, Manali Petrochemicals Limited, Chennai.</b></p>	<p><b>Guest Lecture “Role of Chemical Engineers in the Quality Development” Mr. C. Ganesh, Quality Manager, Supplier Sourcing Development, NORDEXACCIONA, Bangalore.</b></p>	<p><b>Guest Lecture “Emerging Technologies in Chemical Engineering” Ms.Mohanapriya, Assistant Engineer, Nagarjuna Cements Limited, Hyderabad.</b></p>



STUDENTS ACTIVITY CORNER







## WOMEN EMPOWERMENT

VISHALI.S | B.TECH CHEMICAL

### INTRODUCTION

**Women empowerment** refers to **making women powerful** to make them capable of deciding for themselves. Women have suffered a lot through the years at the hands of men. In earlier centuries, they were treated as almost non-existent. As if all the rights belonged to men even something as basic as voting. As the times evolved, women realized their power. There on began the revolution for women empowerment.

As women were not allowed to **make decisions** for them, women empowerment came in like a breath of fresh air. It made them aware of their rights and how they must make their own place in society rather than depending on a man. It recognized the fact that things cannot simply work in someone's Favour because of their gender.



## NEED FOR WOMEN EMPOWERMENT

Almost every country, no matter how progressive has a history of ill- treating women. In other words, women from all over the world have been rebellious to reach the status they have today. While the western countries are still making progress, third world countries like India still lack behind in women empowerment.

In India, **Women Empowerment** is needed more than ever. India is amongst the countries which are not safe for women. There are various reasons for this. Firstly, Women in India are in danger of honor killings. Their family thinks its right to take their lives if they bring shame to the reputation of their legacy.

Moreover, the education and freedom scenario is very regressive here. Women are not allowed to pursue higher education, they are married off early. The men are still dominating women in some regions like it's the women's duty to work for him endlessly they don't let them go out or have freedom for any kind In addition, **domestic violence** is a major problem in India. The men beat up their wife and abuse them as they think women are their property.. Similarly, the women who do actually work get paid less than their male counterparts. It is downright unfair and sexist to pay someone less for the same work because of their gender. Thus, we see how women empowerment is the need of the hour. We need to empower these women to speak up for themselves and never be a **victim of injustice**.

## HOW TO EMPOWER WOMEN?

Women must be given equal opportunities in every field, irrespective of gender. Moreover, they must also be given equal pay. We can empower women **by abolishing child marriage**.

Most importantly, the shame of divorce and abuse must be thrown out of the window. Many women stay in abusive relationships because of the fear of society. Parents must teach their daughters that it is okay to come home divorced rather than in a coffin.

## *MALAVIKA HEDGE*

( *CEO OF CCD* )

The women who rose like a phoenix

## **The saga of Malavika hedge who stopped café coffee day from dying**

The new of **VG siddhartha**, CEO of India's most famous coffeeshop chain, **café coffee Day**, death left people in shock. A typewritten note was found after Siddharatha's death



which had revealed how much he was **under debt**. He mentioned, “**failing to create the right profitable business model**”.

There was a debt of **Rs.2603 crore** on CCD, the total debt stood at coffee day Enterprises Limited (CDEL), the parent company of CCD, which stood at **Rs.7200 crore** as of March 2019.

Malavika took over as the CEO of the café coffee Day Enterprises Ltd (CDEL). The debt was brought down to **Rs.3100 crore** as of 31 **March 2020 from Rs 7200 crore in march 2019**. It further dropped to **Rs 1731 crore in 31 march 2021**.

**Malavika Hedge** has become a super woman who holds the **ionic brand of café coffee Day together**.



#### **HER DETERMINATION:**

“My association with siddhratha is 32 years. Institution is his world. Employers are family members. I took on the responsibility of running the empire he built”.

She assured that the coffee day story was “**Worth preserving**”.

#### **CONCLUSION**

“A strong woman knows she has strength enough for the journey, but a woman of strength knows it is in the journey where she will become strong”.

“**There is no limit to what we, as women can accomplish**”.

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING****1. Best Five Achievements of The Department**

- Received the AICTE Grant of Rs.13,13,725/--for the project - “Modernisation of the Communication Lab”.under MODROB Scheme under AQIS-2019-2020.
- 10 students got placement offer from Tier 1 MNCs with a salary package of around 3.36 Lakhs.
- Two students’ project batches guided by M.Karthikumar and J.Sridhar received an award under Taminadu State Council for Science and Technology –Student Project Scheme.

**2. Association Activities**

- a. **Inaugural Function Of Whizzcom-ECE Students Association** was conducted on 17.08.2020 and the resource person for this program was Dr.T.Anbalagan, System Responsible, Robert Bosch, Coimbatore.
- b. Whizzcom-ECE Students Association Conducted a Workshop on ‘**Automotive Embedded Systems**’ on 08.10.2020 and the resource person was Mr.Sivalingakumar, Principle Software Engineer/ Product Development Engineer, Grundfos Pumps Pvt. Ltd.,Chennai.
- c. Whizzcom-ECE Students Association Conducted Guest Lecture On ‘**Industrial Scenario – Embedded Systems**’ on 17.08.2020 and the resource person was Dr.T.Anbalagan, System Responsible, Robert Bosch, Coimbatore.
- d. Whizzcom-ECE Students Association Conducted Guest Lecture, ‘**Special Lecture on Preparation for GATE Examination**’ on 21.02.2021 and the resource person was Dr.R.Deepa, Associate Professor, Bannari Amman Institute of Technology, Erode.

**3. Guest Lectures/Leaders Talk**

- a. Whizzcom-ECE Students Association Conducted A Leaders Talk On ‘**Step into Corporate World**’ on 14.09.2020 and the resource person was Mr.S. Karthik,
- b. Technical Lead, RideNext Software Solutions, Bangalore.
- c. Whizzcom-ECE Students Association Conducted Leaders Talk On ‘**Job Opening in Social Medias**’ on 23.09.2020 and the resource person was Mr.K.Senthur Pandiyan, Application Engineer, Fedex Internet Technologies Corporation, Chennai.

- d. Whizzcom-ECE Students Association Conducted A Leaders Talk On **‘Choice of Career’** on 27.09.2020 and the resource person was Ms.Sandhya, Project Engineer, Aspire Systems, Chennai.
- e. Whizzcom-ECE Students Association Conducted Leaders Talk on **‘Expectations of Core Industries’** on 17.10.2020 and the resource person was Mr. Kishore, Staff Engineer, AMS OSRAM, Hyderabad.
- f. Whizzcom-ECE Students Association Conducted Leaders Talk On **‘Openings In Biomedical & Health Care Fields’** on 13.02.2021 and the resource person was Mr.S.Rajalingam, Software Engineer, EMIS Healthcare & Software And Solution, Chennai.
- g. Whizzcom-ECE Students Association Conducted Leader Talk on **‘Importance Of Programming In Core & IT Sectors’** on 06.03.2021 and the resource person was Mr. Kamalesh, Software Engineer, TCS, Chennai.
- h. Whizzcom-ECE Students Association Conducted Guest Lecture, **‘Special Lecture on Preparation for GATE Examination’** on 21.02.2021 and the resource person was Dr.R.Deepa, Associate Professor, Bannari Amman Institute of Technology, Erode.
- i. Whizzcom-ECE Students Association Conducted Guest Lecture on **‘Special Lecture on Antennas and Its Application’** on 20.03.2021 and the resource person was Dr.K.Thiyagarajan, Associate Professor, Sona College of Technology, Salem.

#### 4. New Establishment, Center Approval and MOU

New equipment, Universal Software Radio Peripheral was purchased for Rs.8,35,000 and installed in Communication Lab under AICTE-MODROB Scheme

#### 5. Patent Patent Submission / Status

S.No	Name of the Faculty Member	Title of the Patent	Publication details/Application Number	Status
1	Dr G.S. Satheesh Kumar	Transmission Power And Frequency Based Network Selection Scheme For Minimizing The Harmful Radiation	202041035556	Published 18.08.2020



2	Dr V Premchandran	Voice Based Outdoor Navigation And Location Announcement Guidance System For Blind	2020103056	Published 21.10.2020
3	P. Logamurthy	User friend navigation system through voice commands for the visually impaired as well as elder people	2020102835	Published 21.10.2020
4	Dr.R.Kalaivani	A smart Agriculture monitoring System using Internet of Things	202011056466A	Published 25.12.2020

### 6. Details of Paper Presented By the Students

Sl. No	Name of the Student	Title	Venue	Date
1	R.Rajeswari, E.Sarvaloganayaki	Automatic Vehicle Speed Control in School Zone and Horn Control in Hospital Zone Using Python Open CV	Muthayammal College of Engineering	26.3.2021
2	P.Anand,D.Dinesh kumar,E.Hari Saravanan,K.Jeeva	Medi-Quad™-Multipurpose Drone For Medical Emergency	Muthayammal College of Engineering	26.3.2021
3	S.Subash , P.Tamilselvan, O.Uthaya Kumar, A.Ranganathan	Miniaturized Embedded System Solution for Monitoring Driver and Vehicle Health	Muthayammal College of Engineering	26.3.2021
4	M.Padmash , K.R.Pravinkumar, S.Sabareesh	Automatic Vehicle Speed Detection System Using Image Processing	Muthayammal College of Engineering	26.3.2021
5	P. Magalakshmi, S. Nithya, A. Sangeetha, V. Vasanthakanni	Cost Effective Advanced Weather Monitoring System using IOT	Muthayammal College of Engineering	26.3.2021
6	J.Nivetha , S. Sangeetha , K. Sathya , M. Iswarya	Water Leakage Detection in Urban Using IoT	Muthayammal College of Engineering	26.3.2021
7	V.Giritharan, S.Jagan, U.Jijesh, N.Kamalesh	Automatic Medication Dispenser to Ensure the Wellbeing of the Patient	Muthayammal College of Engineering	26.3.2021

8	N. Pavithra , M. Ponmani , K. Sasipriya , R. Sumitha	Contrast Enhancement of Low Luminance Image Using Modified Histogram	Muthayammal College of Engineering	26.3.2021
9	C.Brithiv, M.R.Chandru, S.Harish, M.Iyanar	Biometric Based Access To Personally Controlled Health Records In Emergency Situations	Muthayammal College of Engineering	26.3.2021
10	J. Jeyaseeli, S. Kanimozhi, S. Keerthana, T. Lavanya	Design and Implementation of Hybrid Full Adder Using Tanner EDA	Muthayammal College of Engineering	26.3.2021
11	N Karthik, S Buvaneshwaran, J Jerome Louis Paul, V Karthikeyan	Food Recognition and Calorie Measurement Using Adaptive Super pixel Algorithm	Muthayammal College of Engineering	26.3.2021
12	Bharathi S, Jeeva A, Kamatchi T, Malini K V	Algorithm to Diagnose Asymptomatic Eye Diseases Based On Color Fundus Images	Muthayammal College of Engineering	26.3.2021
13	K.Kavinraj, D.Kesavaraj, R.Kishore, V.Naveen	Licence Plate Image Recognition Based On Adaptive Super pixel Algorithm	Muthayammal College of Engineering	26.3.2021
14	G.Meenakshi, N.Nandhini, B.Sumathi, P.Tamilvadivu	Energy Efficient Smart Agriculture System Based on IOT in Green House Cultivation	Muthayammal College of Engineering	26.3.2021

### 7. Participation by students in Seminar/National/ International conferences

S. No.	Name of the Student	Title of the Conference/ Seminar	Venue	Date
1	Jayaprakash O.Gokul K.Divya B.Dhivya Mohan Kumar	Nanoscience & Future Perspective	Muthayammal College of Arts and Science	08.06.20

2	Kiruba Shankar P Gokula Priya M Ramya N Gokul L Purnachandrigaa R Selvanayaki M Naganiranjana J	Career Beyond Diploma and School Life	Builders Engineering College	28.06.20
3	A. Ranjani Jayaprakash Janarthanan Kovarthini Lavanya	Raspberry Pi for Embedded Systems	Balaji Institute of Technology and Science	14.08.20
4	Jayaprakash S.Vimala,O.Gokul Prakash Vincent raj,Divya K	Parkinson's Disease Analysis using Machine Learning	IEDC College of Engineering	23.08.20
5	Jayaprakash Hari Prasanth Jamunarani M. Keerthika	Power of Artificial Intelligence in IoT	Bannari Amman Institute of Technology	28.08.20
6	L. Gokul. M.Lokesh M.Selvanayaki R.Purnachandrigaa	Impact of Engineering and Electronics in Healthcare Industry	Sri Eshwar College of Engineering	29.08.20
7	M. Keerthika	Deep Learning based Android app Malware Identification	Novi Tech	12.09.20
8	Jayaprakash S.Vimala,Bhavani Mohan Kumar	Multilayer Home Security System by Image processing IoT	Balaji Institute of Technology & Science	16.09.20

### 8. Workshop Attended By the Students

Sl. No	Name of the Student	Title of the Workshop	Venue	No of Days
--------	---------------------	-----------------------	-------	------------

1	S. Dineshkumar M.Madhubala N.S.Venkatesh babu T.Divya Nandha Kumar	HTML	Coding University of Leeds	05.07.20
2	S. Dineshkumar M.Gokulapriya N.Ramya,M.Madhubala N.S.Venkatesh babu Venkatesh	CSS	Accenture University of Leeds	12.07.20
3	R. Nandhakumar M.Gokulapriya N.Ramya,M.Madhubala S. Dineshkumar Kirubha Shankar	Java script	Accenture University of Leeds	19.07.20
4	R. Purnachandrigaa Gokula Priya M Ramya N,Gokul L Selvanayaki M Naganiranjana J Madhubala M,Rajalakshmi S	Aligning Yourself to the Publishing Process	Elsevier Research Academy	24.07.20 & 25.07.20
5	O.Gokul,S.Vimala Rubika,SuthiSwetha Sruthi,Jamuna Rani Bhavatharani,Divya Jayaprakash,Hariprsanth Thangamani,Vincent Raj Kovarthini,Lavanya	Aligning Yourself to the Publishing Process	Elsevier Research Academy	24.07.20 & 25.07.20
6	Kiruba Shankar P Gokula Priya M Ramya N,Gokul L Purnachandrigaa R Selvanayaki M,Naganiranjana J Madhubala M,Rajalakshmi S K Ramya Gowri,M.Lokesh R.Tamizhan	A Journey of an entrepreneur	Sri Eshwar College of Engineering	28.08.20
7	S.Vimala,Rubika SuthiSwetha,Sruthi Jamuna Rani Bhavatharani Divya	A Journey of an entrepreneur	Sri Eshwar College of Engineering	28.08.20

8	R. Nandhakumar M.Gokulapriya,N.Ramya M.Madhubala N.S.Venkatesh babu, T.Divya R.Purnachandrigaa M.Selvanayaki, S.Prasath M.Lokesh, J.Naganiranjana A.Ashwini	Deep Dive Into Arduino Platform	Jai Shriram Engineering College	17.04.21
9	S. Boopathi,Kiruba Shankar P Gokula Priya M,Ramya N Gokul L,M Lokesh Purnachandrigaa R Selvanayaki M,Naganiranjana J Madhubala M,Rajalakshmi S K Ramya Gowri,M.Lokesh R.Tamizhan	Introduction to Additive Manufacturing	K. Ramakrishnan College of Technology	19.04.21
10	S. Vimala,Kovarthini Lavanya,Janani	TCS iON edge career about interview skills	TCS	21.04.21
11	R. Purnachandrigaa Gokula Priya M Ramya N,Gokul L Selvanayaki M Naganiranjana J Madhubala M Rajalakshmi S	Artificial Intelligence	Pantech e Learning	30.04.21 & 01.05.21
12	R. Purnachandrigaa Selvanayaki M Naganiranjana J Madhubala M,Rajalakshmi S K Ramya Gowri M Gokula Priya	Robotics Vision	Pantech e Learning	07.05.21 & 08.05.21
13	M. Keerthika	The Big Shift Getting Prepared to Start Your Career	Annapoorna Engineering College	15.05.21
14	R. Purnachandrigaa Selvanayaki M Naganiranjana J, Madhubala Rajalakshmi S K Ramya Gowri S.Vishnu Priya	IOT using Azure Computing	Vaagdevi Engineering College	27.05.21

### 9. Journal publications by the faculty

S.No	Name of the faculty	Title of the Paper	Name of the Journal	Details
1.	Dr.R.Kalaivani	Journal of critical Reviews	Review on Electrocardiogram	Vol.7,issue 18July 2020
2	Dr V Prem chandran, M. Ramya, M.Karthik kumar, V.Thamizharasan, G. Lingeswaran, P. Logamurthy	A Review on Image Enhancement Techniques using Modified Approach of Histogram Equalization	INTERNATIONAL JOURNAL FOR RESEARCH & DEVELOPMENT IN TECHNOLOGY	Volume-13,Issue-5(May-20) ISSN (O) :- 2349-3585
3	Dr V Prem chandran, M. Ramya, M.Karthik kumar, V.Thamizharasan, G. Lingeswaran.	A Novel Technique to Preserve Nourishment of Food Beverages using E-Nose Technology in Food Industry	IJSRD - International Journal for Scientific Research & Development	Vol. 8, Issue 2, 2020 - ISSN (online): 2321-0613

### 10. Publications By The Faculty Members In National/International Conferences

S. No.	Name of the faculty	Name of the Conference	Paper presented on (Topic)	Venue	Date
1	Dr.V.Premchandran M Karthik kumar	ICCCSSS2020-First International Conference On Circuit,Signals, Systems And Security	An agricultural irrigation management system based on the internet of things with MQTT protocol	Bannari amman institute of technology, Sathymagalam	December 11,12,2020
2	M. Ramya, V. Thamizharasan	ICCCSSS2020-First International Conference On Circuit, Signals,Systems And Security	Adaptive Beam forming algorithms for wireless Communication using LABVIEW	Bannari amman institute of technology,	December - 11,12,2020

3	J Sridhar, G Lingeswaran	ICCCSSS2020-First International Conference On Circuit, Signals, Systems And Security	A Novel Approach on PLCC Based Domestic Data Communication	Bannaramman institute of technology, Satyamagalam	December - 11, 12, 2020
4	Dr.R.Kalaivani	International Conference on Information Sciences and Renewable Energy Sources	Review on Electrocardiogram	Selvam College of Technology	7.3.20

### 11. FDPs /STTPs Attended By The Faculty

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1	P. Logamurthy	AICTE Sponsored STTP on "Massive MIMO and Millimeter Wave MIMO Technologies for 5G Networks"	Erode Sengunthar Engineering College	5
2	V.Thamizharasan	AICTE Sponsored STTP on "Massive MIMO and Millimeter Wave MIMO Technologies for 5G Networks"	Erode Sengunthar Engineering College	5
3	M. Karthikkumar	AICTE Sponsored STTP on "Massive MIMO and Millimeter Wave MIMO Technologies for 5G Networks"	Erode Sengunthar Engineering College	5
4	Dr. V. Premchandran	AICTE Sponsored STTP on "Massive MIMO and Millimeter Wave MIMO Technologies for 5G Networks"	Erode Sengunthar Engineering College	5
5	V.Thamizharasan	International Faculty Development Program on "Technologies with Social Relevance"	GMR Institute of Technology, Rajam	5
6	M. Karthikkumar	International Faculty Development Program on "Technologies with Social Relevance"	GMR Institute of Technology, Rajam	5

7	P. Logamurthy	International Faculty Development Program on “Technologies with Social Relevance”	GMR Institute of Technology, Rajam	5
8	P. Logamurthy	FDP on “Effective Communication for Enhancing Teaching Learning Process”	Narasu`s Sarathy Institute of Technology	2
9	V.Thamizharasan	FDP on “Research Topics in VLSI and Industry Trends”	GMR Institute of Technology, Rajam	2
10	G. Lingeswaran	FDP on “Research Topics in VLSI and Industry Trends”	GMR Institute of Technology, Rajam	2
11	M. Karthikkumar,	FDP on “Research Topics in VLSI and Industry Trends”	GMR Institute of Technology, Rajam	2
12	J. Sridhar	FDP on “Research Topics in VLSI and Industry Trends”	GMR Institute of Technology, Rajam	2
13	M.Karthikkumar,	“IoT Trends to Drive Innovation for Business and Digital Technology”,	Hindusthan Institute of Technology, Coimbatore	5
14	V.Thamizharasan	“IoT Trends to Drive Innovation for Business and Digital Technology”,	Hindusthan Institute of Technology, Coimbatore	5
15	Dr. V. Premchandran	“IoT Trends to Drive Innovation for Business and Digital Technology”,	Hindusthan Institute of Technology, Coimbatore	5
16	P.Logamurthy	“IoT Trends to Drive Innovation for Business and Digital Technology”,	Hindusthan Institute of Technology, Coimbatore	5

### 12. Best outgoing student




Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1	V.Naveen	IV	VIII/ECE	8.73	I


















**13. Class wise toppers list**


Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1.	V.Naveen	IV	VIII/ECE	8.73	I
2.	J.Jaysheeli		VIIi/ECE	8.33	2
3.	NIVETHA A D	III	VI/ECE	9.57	I
4.	BHUVANESHW ARI A	III	VI/ECE	9.23	2
5.	Ramyaa Gowri K	II	IV/ECE	9.31	I
6.	Gokulapriya M	II	IV/ECE	8.73	2

## 14. List of Students Placed in 2020-21













		
V.NAVEEN (ES17EC55) <b>TCS</b> <b>3.6 LPA</b>	V.VIGNESH (ES17EC92) <b>ASPIRE SYSTEMS</b> <b>3.4 LPA</b>	SHALINI M (ES17EC78) <b>INFOSYS</b> <b>3.4 LPA</b>
		
V.HARINISHRI (ES17EC18) <b>ACCENTURE</b> <b>4 LPA</b>	JEYASEELI J (ES17EC28) <b>WIPRO</b> <b>3.4 LPA</b>	HARISH S (ES17EC19) <b>HCL</b> <b>3 LPA</b>
		
K.ANBALAGAN (ES17EC03) <b>SRM TECHNOLOGIES</b> <b>2.8 LPA</b>	KARTHIK N (ES17EC36) <b>SRM TECHNOLOGIES</b> <b>2.8 LPA</b>	R.KISHORE (ES17EC45) <b>SRM TECHNOLOGIES</b> <b>2.8 LPA</b>
		
P.MAHALAKSHMI (ES17EC48) <b>AXIS GLOBAL AUTOMATION</b> <b>2.4 LPA</b>	M.DHEENADAYALAN (ES17EC11) <b>AXIS 2.4 LPA</b>	J.BLESSY (ES17EC05) <b>AXIS GLOBAL AUTOMATION 2.4 LPA</b>

		
<b>D.DINESHKUMAR (ES17EC12)</b> <b>AXIS GLOBAL</b> <b>AUTOMATION</b> <b>2.4 LPA</b>	<b>POOMANI (ES17EC64)</b> <b>WEBBARAX</b> <b>2.6 LPA</b>	<b>TAMILSELVAN (ES17EC85)</b> <b>WEBBARAX</b> <b>2.6 LPA</b>
		
<b>C.BRITHIV (ES17EC07)</b> <b>EAST INDIA</b> <b>TECHNOLOGY LTD.,</b> <b>2 LPA</b>	<b>K.R.PRAVIN KUMAR</b> <b>(ES17EC67)</b> <b>EAST INDIA</b> <b>TECHNOLOGY LTD.,</b> <b>2 LPA</b>	<b>S.UDHAYAKUMAR</b> <b>(ES17EC87)</b> <b>EAST INDIA</b> <b>TECHNOLOGY LTD.,</b> <b>2 LPA</b>
		
<b>V.GIRITHARAN (ES17EC14)</b> <b>EAST INDIA</b> <b>TECHNOLOGY LTD.,</b> <b>2 LPA</b>	<b>S.JAGAN (ES17EC22)</b> <b>EAST INDIA</b> <b>TECHNOLOGY LTD.,</b> <b>2 LPA</b>	<b>S.SUBASH (ES17EC80)</b> <b>EAST INDIA</b> <b>TECHNOLOGY LTD.,</b> <b>2 LPA</b>
		
<b>K.NAVEENKUMAR</b> <b>(ES17EC56)</b> <b>EAST INDIA TECHNOLOGY</b> <b>LTD., 2 LPA</b>	<b>ANAND P (ES17EC02)</b> <b>FOCUS EDUMATICS</b> <b>2.4 LPA</b>	<b>KAVUSALYA G (ES17EC40)</b> <b>FOCUS EDUMATICS</b> <b>2.4 LPA</b>

		
<b>MEENAKSHI G (ES17EC51) FOCUS EDUMATICS 2.4 LPA</b>	<b>SANTHOSH K (ES17EC72) FOCUS EDUMATICS 2.4 LPA</b>	<b>UTHANDAN GANAPATHY T (ES17EC88) FOCUS EDUMATICS 2.4 LPA</b>
		
<b>MALINI K V (ES17EC49) FOCUS EDUMATICS 2.4 LPA</b>	<b>SURYA T (ES17EC64) FOCUS EDUMATICS 2.4 LPA</b>	<b>KAVINRAJ K (ES17EC39) FOCUS EDUMATICS 2.4 LPA</b>
		
<b>CHANDRU MR (ES17EC09) FOCUS EDUMATICS 2.4 LPA</b>	<b>BUVANESWARAN S (ES17EC08) TCS 3.6 LPA</b>	<b>SUDHAKAR A (ES18LEC04) NCR CORPORATION PVT., LTD., 2 LPA</b>
		
<b>KEERTHANA G (ES17EC41) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>PONMANI (ES17EC63) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>PADMESH M (ES17EC60) NETLINK 3 LPA</b>

		
<b>DINESHKUMAR A (ES18LEC01) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>JAGATHESWARIL (ES17EC23) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>PRAVEEN L K (ES17EC65) NYL TECHNOLOGY 3 LPA</b>
		
<b>SARUMATHI K (ES17EC73) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>SANGEETHA S (ES17EC71) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>SANGEETHA A (ES17EC71) NCR CORPORATION PVT., LTD., 2 LPA</b>
		
<b>JAMUNA S (ES17EC24) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>PARVATHI G (ES17EC61) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>SATHYA K (ES17EC76) NCR CORPORATION PVT., LTD., 2 LPA</b>
		
<b>KALAIIVANI N ES17EC30) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>BRINDHYA S (ES17EC06) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>KEERTHANA S (ES17EC42) STERLING SOFTWARE 3.2 LPA</b>



		
<b>VASANTHAKANNI V (ES17EC90) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>KANIMOZHI S (ES17EC33) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>KAMATCHI T (ES17EC32) NCR CORPORATION PVT., LTD., 2 LPA</b>
		
<b>SARVALOGANAYAKI E (ES17EC74) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>SIVARANJANI P S (ES17EC79) NCR CORPORATION PVT., LTD. 2 LPA</b>	<b>KAMALESH (ES17EC31) NCR CORPORATION PVT., LTD., 2 LPA</b>
		
<b>GOMATHI M (ES17EC15) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>SURIYAPRIYA S (ES17EC83) NCR CORPORATION PVT., LTD.,</b>	<b>G.R.KARTHIKEYAN (ES17EC37) NCR CORPORATION PVT., LTD., 2 LPA</b>
		
<b>JEEVA K (ES17EC26) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>DIVYA M (ES17EC13) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>JEEVA A (ES17EC25) NCR CORPORATION PVT., LTD., 2 LPA</b>

		
<b>IYANAR M (ES17EC20) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>SUMITHA R (ES17EC81) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>HARISARAVANAN (ES17EC17) HCL 3 LPA</b>
		
<b>JEROME LOVIS PAUL J (ES17EC27) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>S. NITHYA (ES17EC58) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>SABAREESH S (ES17EC68) NCR CORPORATION PVT., LTD., 2 LPA</b>
		
<b>NIVETHA J (ES17EC59) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>PAVITHRA N (ES17EC62) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>K.SASIPRIYA (ES17EC75) NCR CORPORATION PVT., LTD., 2 LPA</b>
		
<b>R.GOWTHAM (ES17EC16) ZINNOV CONSULTING PVT.LTD.,</b>	<b>ISWARYA M (ES18LEC02) NCR CORPORATION PVT., LTD., 2 LPA</b>	<b>YOGESHWARI S (ES17EC93) NCR CORPORATION PVT., LTD., 2 LPA</b>

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING****1. Best five Achievements of the Department**

1. Received a fund of Rs. 3,33,333 under STTP, AICTE.
2. 84% of students got offer in various MNCs and Core Companies.
3. K.UmaMaheswari & M.Mythili, III EEE got first prize in paper presentation conducted by Muthayammal Engineering College, Rasipuram on 30.06.2020.
4. R.Sangeetha, III EEE & C.Pooja, IV EEE got second prize in paper presentation conducted by Muthayammal Engineering College, Rasipuram on 30.06.2020.
- K.Kowsalya & S.Janani, IV EEE got first prize in paper presentation conducted by Muthayammal Engineering College, Rasipuram on 30.06.2020.
5. 13 Patents published by the faculty members and 25 Journal papers were published by the faculty members

**2. Association activities**

- **Webinar** on the topic of “Grid Connected and Standalone Microgrid Design Using HOMERpro” was conducted on 14.05.2020 by Er.S.Selvakumar, Head Engineering Design, M/S Power Projects, Chennai. More than 120 students were participated in this lecture.
- **Webinar** series for the students on the topic of “Career opportunities for EEE students, Circuit Creation and Simulation for Industrial Applications, and Basics of Industry Plant Maintenance & IoT in Industry” was conducted on 23.05.2020 by Dr.G.balamurali, EE, TNEB, Chennai, Er.S.Sundaramurthy, CEO, Sunshiv Electronic Solutions, Coimbatore Er.S.Manikandan, Asst. manager, L&T Constructions, Chennai respectively. More than 120 students were participated in this lecture.
- **Webinar** series for the students on the topic of “Career opportunities for EEE students, Circuit Creation and Simulation for Industrial Applications, and Basics of Industry Plant Maintenance & IoT in Industry” was conducted on 30.05.2020 by Mr.Max Savio, CEO, DELT Academy, Chennai, Dr.I.Thangaraju, AP/EEE, GEC, Bargur, Er.V.K.Sathya Seelan, Executive Director, Hindustan Automation, Coimbatore respectively. More than 120 students were participated in this lecture.



The **Inauguration of EEE Association** (DYNAFEST 2020-21) ,IQAC,IE(I) Student Chapter and IEEE student branch activities for the academic year 2020-21 was held on 30.09.2020. P.Premkumar, PCRA, Chennai, inaugurated EEE association, IE (I) Student Chapter and IEEE student branch activities.

**Guest Lecture** on the topic “Energy Conservation and Climate Change” was conducted on 30.09.2020. P.Premkumar, PCRA, Chennai was the resource person. More than 120 students were participated in this function.

**Webinar** on the topic “Artificial Intelligence and its Role in 2020” was conducted on 17.10.2020. K.A. Vijay, Program Analyst, Cognizant Technology solution, Chennai was the resource person. More than 120 students were participated in this function.

**Workshop** on the topic of “Electrical Vehicle Dynamics and Control” was conducted on 28.11.2020 by Dr.S.Vijayachitra, Professor and Head/EIE, Kongu Engineering College, Perundurai. More than 120 students were participated in this lecture.

**STTP** on Short Term Training Programme on “Hybrid and Electric Vehicles: Development, Integration and Challenges” was conducted from 02.11.2020 to 07.11.2020.

**STTP** on Short Term Training Programme on “Hybrid and Electric Vehicles: Development, Integration and Challenges” was conducted from 23.11.2020 to 28.11.2020

**Special talk** on “Energy Conservation and Management” on 30.12.2020 by Dr.S.Christian Johnson, Professor/Civil, ESEC, More than 120 students were participated in this lecture.

### 3. Guest Lectures/Leaders talk

**Webinar** on the topic of “Grid Connected and Standalone Microgrid Design Using HOMERpro” was conducted on 14.05.2020 by Er.S.Selvakumar, Head Engineering Design, M/S Power Projects, Chennai. More than 120 students were participated in this lecture.

**Webinar** series for the students on the topic of “Career opportunities for EEE students, Circuit Creation and Simulation for Industrial Applications, and Basics of Industry Plant Maintenance & IoT in Industry” was conducted on 23.05.2020 by Dr.G.Balamurali, EE, TNEB, Chennai, Er.S.Sundaramurthy, CEO, Sunshiv Electronic Solutions, Coimbatore Er.S.Manikandan, Asst. manager, L&T Constructions, Chennai respectively. More than 120 students were participated in this lecture.

**Webinar** series for the students on the topic of “Career opportunities for EEE students, Circuit Creation and Simulation for Industrial Applications, and Basics of Industry Plant Maintenance & IoT in Industry” was conducted on 30.05.2020 by Mr.Max Savio, CEO, DELT Academy, Chennai, Dr.I.Thangaraju, AP/EEE, GEC, Bargur, Er.V.K.Sathya Seelan, Executive Director, Hindustan Automation, Coimbatore respectively. More than 120 students were participated in this lecture.

**Guest Lecture** on the topic “Energy Conservation and Climate Change” was conducted on 30.09.2020. P.Premkumar, PCRA, Chennai was the resource person. More than 120 students were participated in this function.

**Webinar** on the topic “Artificial Intelligence and its Role in 2020” was conducted on 17.10.2020. K.A. Vijay, Program Analyst, Cognizant Technology solution, Chennai was the resource person. More than 120 students were participated in this function.

**3. LIST OF MOU**

Sl. No.	Name of the institution/ industry/ corporate house	Month and Year of signing MoU	Valid upto	Duration
1	Kaar Infotech Private Limited	05.08.2020	04.08.2024	3 YEARS

**4. Patent /Patent submission status**

S. No.	Name of the Applicant / Inventor	Title of the invention	The Patent Office Journal No	Application No.	Date of filing of Application	Publication Date
1	L.VijayAnand	Method for Automatic health Prediction using Machine Learning	11/2020	202041006462 A	14/2/2020	13/3/2020
2	L.VijayAnand R.Senthil Kumar	Development of Smart Walking Stick for Visually Impaired People	21/2020	202041012028 A	20/3/2020	22/5/2020
3	L. Vijay Anand E Immanuel Bright	Development of Robot for Pipeline Inspection	21/2020	202041014971 A	04/04/2020	22/05/2020
4	L.Anbarasu	Design for Solar Panel Cleaning System using SPA Concept	23/2020	202041017417 A	23/4/2020	5/6/2020
5	R.Senthil Kumar E.Immanuel Bright	Development of Intelligent Traffic Control for Emergency Vehicle	25/2020	202041024932 A	13/6/2020	19/6/2020
6	L.VijayAnand S.Vijayanand	Development of IoT based System to Detect and Prevent Child Abuse	28/2020	202041027328 A	27/6/2020	10/7/2020

7	E.Immanuvel Bright S.Vijayanand	Development of smart system to avoid triples and over speed control in two wheelers	34/2020	202041033794 A	7/8/2020	21/08/2020
8	S Tamil Selvi	IoT based surface dust finding and cleaning machine	39/2020	202041039495 A	11/9/2020	25/09/2020
9	Dr P Selvan	Development of Real Time Traffic Control System using Digital Image Processing	39/2020	202041038823 A	9/9/2020	25/09/2020
10	Dr. R. Muthukumar	Design and Implementation of Home Automation using Voice Recognition	41/2020	202041042683 A	1/10/2020	09/10/2020
11	E.Immanuvel Bright L.VijayAnand	Design and Development of RFID and Finger print based centralized voting system	45/2020	202041046698 A	26/10/2020	06/11/2020
12	Dr P Selvan	Voice based outdoor navigation and location announcement guidance system for blind	-	2020103056	28/10/2020	9/12/2020
10	Dr G S Satheeshkumar	Transmission power and frequency based network selection scheme for minimizing the harmful radiation from GSM mobile	-	202041035556	18/08/2020	Published

11	Dr M N Saravanakumar	Secured Protection device for safety during overload conditions	27/2020	202041025882 A	19/06/2020	3/7/2020
12	Dr M N Saravanakumar	Energy Efficient Street Light system using arduino Uno and WSN for smart city	28/2020	202041027054 A	5/06/2020	10/7/2020
13	Dr M N Saravanakumar	An Optimal method for fault detection of transmission line with loss reduction	28/2020	202041027956 A	1/07/2020	10/7/2020

### 5.Details Of Paper Presented By The Students

Sl. No	Name of the Student	Title	Venue	Date	Prize Won
1	K.UmaMaheswari M.Mythili	ATM Security Using Eye and Facial Recognition System.	Muthayammal Engineering College, Rasipuram	30-06-2020	I-Prize
2	R.Sangeetha C.Pooja	Battery Less Phones	Muthayammal Engineering College, Rasipuram	30-06-2020	II-Prize
3	K.Kowsalya S.Janani	Geriatric Care System Using Electronically Controlled Air Jacket	Muthayammal Engineering College, Rasipuram	30-06-2020	I-Prize
4	S.Lingeswaran	Aluminum Electrolytic Capacitors	The GATE Academy	07-06-2020	-

5	V.Mowleeswaran E.Mohan Kumar V.Nandhini	Hybrid Solar	Kongunadu College of Engineering and Technology, Erode	08-06-2020	
6	D.Nirmal R.Pavithran	Gesture Based Robotic Vehicle Using Sixth Sense Technology	Kongunadu College of Engineering and Technology, Erode	08-06-2020	

### 6.Participation by students in Seminar/National/ International conferences

S. No.	Name of the Student	Title of the Conference/Seminar	Venue	Date
1	N.Keerthiraj S.Lingeswaran E.Mohankumar	Virtual Reality	Pantech E Learning	14-05-2020
2	L.Thirukkumaran K.Karthikeyan R.Mugilan	Electric Vehicle Design	Pantech E Learning	15-05-2020
3	D.Nirmal V.Mowleeswaran	Renewable Energy using Matlab	Pantech E Learning	16-05-2020
4	N.Leelavathi R.Sangeetha,P.Poovesh	Trends and Technologies On VLSI	Pantech E Learning	17-05-2020
5	D.Saranya S.Sanjeev Darshan	How ML works for Open CV Application	Pantech E Learning	18-05-2020
6	T.Mahanandhini M.Mohanapriya V.Navanitha,Krishnan G.Pruthiyraj, G.Ragul T.Gowritharan,M.Haripriya M.Raviaravinth	Object tracking using ML& Python	Pantech E Learning	23-06-2020

	S.Gopalakrishnan K.V.Gopal.V.Rajpradeep P.Kathirvel,Janani.S V.Vignesghwar P.Vivekanandan			
7	S.Rajashobia, S.Santhoshkumar M.Santhosh, K.V.Gopal R.Gayathri,A.Buvaneshwaran M.Nithyanandhi B.Pavunraj, P.Pradeep M.Mahendran, N.pushpalatha S.Krishnaveni S.Kaviarasan P.Deepa,S.Gopi P.Gowtham,K.Vinothini V.Vivek P.Vivekanandhan	Gesture Recognition Based Air Writing Using Open CV	Pantech Solutions	23-06-2020
8	S.Sivapriyan G.Sathish S.Subash V.Arthi M.Bharathi S.Ajitha S.Anbarasan S.Ragul, R.Raghul C.Ponnumani C.Pooja V.Pradeepkumar K.Kowsalya M.Aakashjoel S.Sumithra M.Mythili S.Sugisivam M.Uma S.Vinothkumar K.Umamaheswari	Low power VLSI Design and Analysis	Pantech E Learning	24-07-2020

9	R.Pavithran B.Olivanan V.Nandhini,D.Nirmal	Python Programming	Pantech E Learning	26-05-2020
10	M.Mohan M.B.Jawahar P.Janarthanan V.Karuppasamy T.Jayasurya T.Keerthivasan M.Thirumoorthi S.Sivapriyan V.Vigneshwar M.Santhosh M.Raviaravinth V.Rajapradeep M.Priyadharshini	Deep learning using Tensor and Keras	Pantech E Learning	27-07-2020

### 7. Workshop Attended By The Students

Sl. No	Name of the Student	Title of the Workshop	Venue	No of Days
1	K.Mohanlal	Fundamentals of Javascript and DOM Bootcamp	SHAPEAI	06-07-2020 - 13-07-2020
2	K.Mohanlal	Python and Computer Vison	SHAPEAI	03-08-2020 - 09-08-2020
3	S.Sugisivam	WORKSHOP – Vehicle Communication Through Antennas	Coimbatore Institute of Technology, Coimbatore	27-03-2021



### 8.Internship Training Attended By The Students

Sl. No	Name of the students	Year/Cla ss	Name of the company	Date & Duration
1	N.Leelavathi	III EEE	UNIQ Technologies, Coimbatore	21.09.2020 - 25.09.2020
5.	S. Lingeswaran	III EEE	UNIQ Technologies, Coimbatore	21.09.2020 - 25.09.2020
6.	E. Mohan Kumar	III EEE	UNIQ Technologies, Coimbatore	21.09.2020 - 25.09.2020
7.	V. Mowleeswaran	III EEE	UNIQ Technologies, Coimbatore	21.09.2020 - 25.09.2020
8.	V. Nandhini	III EEE	UNIQ Technologies, Coimbatore	21.09.2020 - 25.09.2020
9.	Nirmal D	III EEE	UNIQ Technologies, Coimbatore	21.09.2020 - 25.09.2020
10.	B.Olivanan	III EEE	UNIQ Technologies, Coimbatore	21.09.2020 - 25.09.2020
11.	Gopal K V	IV EEE	Global Smart Technologies & Solutions Private Limited	24.08.2020 - 28.08.2020
12.	Gopalakrishnan S	IV EEE	Global Smart Technologies & Solutions Private Limited	24.08.2020 - 28.08.2020
13.	Gopi S	IV EEE	Global Smart Technologies & Solutions Private Limited	24.08.2020 - 28.08.2020
14.	Gowritharan T	IV EEE	Global Smart Technologies & Solutions Private Limited	24.08.2020 - 28.08.2020
15.	Haripriya M	IV EEE	Global Smart Technologies & Solutions Private Limited	24.08.2020 - 28.08.2020
16.	Janarthanan P	IV EEE	Global Smart Technologies & Solutions Private Limited	24.08.2020 - 28.08.2020
17.	Mugesh Kannan.R	II EEE	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020
18.	Mythili.A	II EEE	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020
19.	Narayanasamy.T	II EEE	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020

20.	Naveen.C	II EEE	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020
21.	Nithish Kumar.V	II EEE	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020
22.	Raghul.B	II EEE	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020
23.	Sabarinathan.V	II EEE	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020
24.	Saranya.S	II EEE	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020
25.	P. Poovesh	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
26.	R.Sangeetha	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
27.	S. Sanjeev Darshan	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
28.	D. Saranya	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
29.	D. Seenivasan	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
30.	K. Sowmiya	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
31.	S. Sugisivam	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
32.	M. Sumithra	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
33.	M. Uma	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
34.	K. Uma Maheswari	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
35.	S.Vinoth Kumar	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
36.	K.Karthi Keyan	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
37.	R. Krishnakumar	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020

38.	R.Mukilan	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
39.	M. Mythili	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
40.	S.Siva	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
41.	L.Thirukkumaran	III EEE	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
42.	Karuppasamy V	IV EEE	UNIQ Technologies, Coimbatore	23.11.2020 - 27.11.2020
43.	Kathirvel P	IV EEE	UNIQ Technologies, Coimbatore	23.11.2020 - 27.11.2020
44.	Keerthivasan T	IV EEE	UNIQ Technologies, Coimbatore	23.11.2020 - 27.11.2020
45.	Kowsalya K	IV EEE	UNIQ Technologies, Coimbatore	23.11.2020 - 27.11.2020
46.	Krishnaveni S	IV EEE	UNIQ Technologies, Coimbatore	23.11.2020 - 27.11.2020
47.	Maha Nandhini T	IV EEE	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
48.	Mahendran M	IV EEE	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
49.	Mohan M	IV EEE	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
50.	Mohanapriya M	IV EEE	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
51.	Navanitha Krishnan V	IV EEE	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
52.	Nithiyandhi M	IV EEE	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
53.	Pavunraj B	IV EEE	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
54.	Ponnumani C	IV EEE	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
55.	Pooja C	IV EEE	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020

56.	Pradeep P	IV EEE	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
57.	Pradeepkumar V	IV EEE	ALFA ENGINEERS, Erode	08.02.2021 - 12.02.2021
58.	Priyadharshini M	IV EEE	ALFA ENGINEERS, Erode	08.02.2021 - 12.02.2021
59.	Pruthiviraj G	IV EEE	ALFA ENGINEERS, Erode	08.02.2021 - 12.02.2021
60.	Pushpalatha N	IV EEE	ALFA ENGINEERS, Erode	08.02.2021 - 12.02.2021
61.	Raghul R	IV EEE	ALFA ENGINEERS, Erode	08.02.2021 - 12.02.2021
62.	Arun Pravin.V.S	II EEE	ALFA ENGINEERS, Erode	22.02.2021 - 26.02.2021
63.	Gopinath.S	II EEE	ALFA ENGINEERS, Erode	22.02.2021 - 26.02.2021
64.	Jabasteen.B	II EEE	ALFA ENGINEERS, Erode	22.02.2021 - 26.02.2021
65.	Jaikavin.K	II EEE	ALFA ENGINEERS, Erode	22.02.2021 - 26.02.2021
66.	Jothika.V	II EEE	ALFA ENGINEERS, Erode	22.02.2021 - 26.02.2021
67.	Karkuvel Shankar.G	II EEE	ALFA ENGINEERS, Erode	22.02.2021 - 26.02.2021
68.	Karthikeyan.M	II EEE	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021
69.	Kulanthaivelu.A	II EEE	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021
70.	Manimalar.M	II EEE	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021
71.	Marutharaj.G	II EEE	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021
72.	Meganathan.R	II EEE	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021
73.	Mohanlal.K	II EEE	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021

74.	Saran T K	II EEE	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021
75.	Sundar D	II EEE	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021
76.	Santhoshkumar S	II EEE	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021

### 9. Industrial Training Attended By The Students

Sl. No	Name of the students	Name of the company	Date & Duration
1.	N.Leelavathi	UNIQ Technologies, Coimbatore	21.09.2020 - 25.09.2020
2.	S. Lingeswaran	UNIQ Technologies, Coimbatore	21.09.2020 - 25.09.2020
3.	E. Mohan Kumar	UNIQ Technologies, Coimbatore	21.09.2020 - 25.09.2020
4.	V. Mowleeswaran	UNIQ Technologies, Coimbatore	21.09.2020 - 25.09.2020
5.	V. Nandhini	UNIQ Technologies, Coimbatore	21.09.2020 - 25.09.2020
6.	Nirmal D	UNIQ Technologies, Coimbatore	21.09.2020 - 25.09.2020
7.	B.Olivanan	UNIQ Technologies, Coimbatore	21.09.2020 - 25.09.2020
8.	Gopal K V	Global Smart Technologies & Solutions Private Limited	24.08.2020 - 28.08.2020
9.	Gopalakrishnan S	Global Smart Technologies & Solutions Private Limited	24.08.2020 - 28.08.2020
10.	Gopi S	Global Smart Technologies & Solutions Private Limited	24.08.2020 - 28.08.2020
11.	Gowritharan T	Global Smart Technologies & Solutions Private Limited	24.08.2020 - 28.08.2020
12.	Haripriya M	Global Smart Technologies & Solutions Private Limited	24.08.2020 - 28.08.2020
13.	Janarthanan P	Global Smart Technologies & Solutions Private Limited	24.08.2020 - 28.08.2020
14.	Mugesh Kannan.R	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020
15.	Mythili.A	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020
16.	Narayanasamy.T	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020
17.	Naveen.C	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020
18.	Nithish Kumar.V	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020

19.	Raghul.B	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020
20.	Sabarinathan.V	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020
21.	Saranya.S	AB Technologies, Nagercoil	05.10.2020 - 09.10.2020
22.	P. Poovesh	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
23.	R.Sangeetha	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
24.	S. Sanjeev Darshan	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
25.	D. Saranya	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
26.	D. Seenivasan	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
27.	K. Sowmiya	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
28.	S. Sugisivam	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
29.	M. Sumithra	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
30.	M. Uma	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
31.	K. Uma Maheswari	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
32.	S.Vinoth Kumar	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
33.	K.Karthi Keyan	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
34.	R. Krishnakumar	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
35.	R.Mukilan	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
36.	M. Mythili	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
37.	S.Siva	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
38.	L.Thirukkumaran	Maven Silicon, Bangalore	14.12.2020 - 18.12.2020
39.	Karuppasamy V	UNIQ Technologies, Coimbatore	23.11.2020 - 27.11.2020
40.	Kathirvel P	UNIQ Technologies, Coimbatore	23.11.2020 - 27.11.2020
41.	Keerthivasan T	UNIQ Technologies, Coimbatore	23.11.2020 - 27.11.2020
42.	Kowsalya K	UNIQ Technologies, Coimbatore	23.11.2020 - 27.11.2020
43.	Krishnaveni S	UNIQ Technologies, Coimbatore	23.11.2020 - 27.11.2020

44.	Maha Nandhini T	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
45.	Mahendran M	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
46.	Mohan M	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
47.	Mohanapriya M	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
48.	Navanitha Krishnan V	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
49.	Nithiyandhi M	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
50.	Pavunraj B	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
51.	Ponnumani C	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
52.	Pooja C	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
53.	Pradeep P	AB Technologies, Nagercoil	09.11.2020 - 13.11.2020
54.	Pradeepkumar V	ALFA ENGINEERS, Erode	08.02.2021 - 12.02.2021
55.	Priyadharshini M	ALFA ENGINEERS, Erode	08.02.2021 - 12.02.2021
56.	Pruthiviraj G	ALFA ENGINEERS, Erode	08.02.2021 - 12.02.2021
57.	Pushpalatha N	ALFA ENGINEERS, Erode	08.02.2021 - 12.02.2021
58.	Raghul R	ALFA ENGINEERS, Erode	08.02.2021 - 12.02.2021
59.	Arun Pravin.V.S	ALFA ENGINEERS, Erode	22.02.2021 - 26.02.2021
60.	Gopinath.S	ALFA ENGINEERS, Erode	22.02.2021 - 26.02.2021
61.	Jabasteen.B	ALFA ENGINEERS, Erode	22.02.2021 - 26.02.2021
62.	Jaikavin.K	ALFA ENGINEERS, Erode	22.02.2021 - 26.02.2021
63.	Jothika.V	ALFA ENGINEERS, Erode	22.02.2021 - 26.02.2021
64.	Karkuvel Shankar.G	ALFA ENGINEERS, Erode	22.02.2021 - 26.02.2021
65.	Karthikeyan.M	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021
66.	Kulanthaivelu.A	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021
67.	Manimalar.M	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021
68.	Marutharaj.G	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021

69.	Meganathan.R	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021
70.	Mohanlal.K	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021
71.	Saran T K	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021
72.	Sundar D	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021
73.	Santhoshkumar S	UNIQ Technologies, Coimbatore	15.03.2021 - 19.03.2021

### 10. NPTEL Courses Done By the Students

Sl. No	Name of the student	Name of the Course	No of weeks	Rank
1.	Ragul.R	Control Engineering	12	66%
2.	Gopi.S	Control Engineering	12	66%
3.	Pushpalatha.N	Control Engineering	12	67%
4.	Pruthiviraj.G	Control Engineering	12	66%
5.	Gayathri.R	Control Engineering	12	67%
6.	Vinothini.K	Control Engineering	12	66%
7.	Mohan.M	Electric Vehicles- Part I	4	57%

### 11. Journal Publications by the Faculty

S.No	Name of the faculty	Title of the Paper	Name of the Journal	Details
1.	Dr. P. Selvan	Auto Power Supply Change Over from Different Sources to Emergency Panel at Thermal Power Station	Adalya Journal/Scopus,	Volume 9, Issue 5, May 2020 (Impact Factor: 5.3)
2.	L.Anbarasu N.Jothipriya	Intelligent Energy Efficiency in Pressurized Water System	International Journal of Research in Engineering and Management	Vol.4,2020,pp.62-67, March 2020



3.	L. Vijay Anand R. Senthil Kumar	Minimizing Penalty of Industrial Power Consumption by Engaging APFC Unit at Micro Distribution in Thermal Power Station-1 Expn NLCIL	International Journal of Research in Engineering and Management	Vol. 4, 2020, pp.52 – 61, March 2020 (Impact Factor: 6.2)
4.	E. Immanuel Bright	Intelligent Wireless Accident Detection And Ambulance Rescue System	Journal of Interdisciplinary Cycle Research	ISSN NO: 0022-1945, Volume XII, Issue III, March/2020, Page No:468-472 (Impact Factor: 6.2)
5.	Dr. R. Muthukumar	Intelligent fault diagnosis in microprocessor systems for vibration analysis in roller bearings in whirlpool turbine generators real time processor applications (scopus)	Microprocessors and Microsystems, Elsevier	Volume 76, July 2020, 103079, 4 March 2020.(Annexure)
6.	Dr M N Saravanakumar	Smartphone-based electrochemical sensor for assessing COVID-19 infected patients	International Journal of Pervasive Computing and Communications , Article publication	-
7.	Dr M N Saravanakumar	Electromechanical Strength Analysis For Rectangular Rails	Journal of Xi'an University of Architecture & Technology	Volume XII, Issue IV, Issn No : 1006-7930 Page No: 143
8.	Dr M N Saravanakumar	A novel analysis of brushless drive system with energy saving mechanism	Journal of Xi'an University of Architecture & Technology	Volume XII, Issue III, 2020 Issn No : 1006-7930Page No: 2198
9.	Dr M N Saravanakumar	An analysis of var compensator for static and dynamic Load models	Journal of Xi'an University of Architecture & Technology	Volume XII, Issue III, Issn No : 1006-7930 Page No: 2204

10.	Dr M N Saravanakumar	An optimal power flow on grid connected power System using facts devices	Journal of Xi'an University of Architecture & Technology	Volume XII, Issue III, Issn No : 1006-7930 Page No: 3795
11.	Dr M N Saravanakumar	Current Retaliation design modeling of DC Motor	Journal of Xi'an University of Architecture & Technology	Volume XII, Issue III, Issn No : 1006-7930 Page No: 4126
12.	Dr M N Saravanakumar	Two-tier security mechanism for malignant Detection in wireless sensor networks	European Journal of Molecular & Clinical Medicine	ISSN 2515-8260 Volume 7, Issue 3
13.	Dr. M. Shyamalagowri	Self – Sustainable Power Substation Power Allocation with IoT based Wireless Transfer of Energy based Monitoring System	International Journal of Engineering and Advanced Technology	ISSN: 2249 – 8958, Volume-9 Issue-5, June 2020.
14.	Mr. E. Immanuel Bright	Development of online intelligent transformer UPS for energy storage applications	Elsevier: Materials Today	December 2020
15.	Mr. L.VijayAnand	Design and Development of IoT based Health monitoring system for Military applications	Elsevier: Materials Today	December 2020
16.	Mr. S. Vijayanand	Inspection of dynamic power in micro-grid system during impedance-based compensation	Elsevier: Materials Today	December 2020
17.	Mr. S. Vijayanand	On-Chip cache memory protection with tag-overflow buffer and its VLSI implementation	Elsevier: Materials Today	December 2020

18.	Mr. L. Anbarasu	Quality inspection system using IoT and image processing	Elsevier: Materials Today	Elsevier: Materials Today, December 2020 December 2020
19.	Dr.P.Selvan	Identifications of Irregularities in Mammographic Images Using Computer Aided Diagnostic Scheme	Solid State Technology	ISSN: 0038-111X, Volume 63, Issue 6, pp 23098-23106, Dec., 2020
20.	Mr. L. Anbarasu	Predictive data regression technique based carbon nanotube biosensor for efficient patient health monitoring system	Springer	10 March 2021
21.	Mr. E. Immanuel Bright	High Speed Internet Of Things Based Flood Alert System With Arduino Controller	SurajPunj Journal For Multidisciplinary Research	ISSN NO: 2394-2886, Volume 11, Issue 4, 2021.
22.	Mr. L. Anbarasu	Air, Water, and Noise pollution monitoring and controlling using IoT	SurajPunj Journal For Multidisciplinary Research	ISSN NO: 2394-2886, Volume 11, Issue 4, 2021.
23.	Mr. L. Anbarasu	RFID based automatic fuel station	SurajPunj Journal For Multidisciplinary Research	ISSN NO: 2394-2886, Volume 11, Issue 4, 2021.
24.	Mr. L. Vijay Anand, Dr. R. Muthukumar	Fault Detection And Monitoring PV System	SurajPunj Journal For Multidisciplinary Research	ISSN NO: 2394-2886, Volume 11, Issue 4, 2021.
25.	Mr. E. Immanuel Bright, Dr. R. Muthukumar	High gain LUO converter based grid connected Hybrid energy system	SurajPunj Journal For Multidisciplinary Research	ISSN NO: 2394-2886, Volume 11, Issue 4, 2021.

26.	Ms. N. Jothippriya	High Gain DC-DC Converter For Three Phase Grid Interactive PV Battery System	SurajPunj Journal For Multidisciplinary Research	ISSN NO: 2394-2886, Volume 11, Issue 4, 2021.
27.	Mr. R. Senthil Kumar	Electrical Shirt For Long Term Monitoring Of Sleep Disordered Breathing	SurajPunj Journal For Multidisciplinary Research	ISSN NO: 2394-2886, Volume 11, Issue 4, 2021.
28.	Ms. S. Tamilselvi	Integrated dc-dc converted for grid tied bi-directional ev charging	SurajPunj Journal For Multidisciplinary Research	ISSN NO: 2394-2886, Volume 11, Issue 4, 2021.
29.	Mr. S. Vijayanand	Wireless Power Transfer Based on High Frequency Inverter for EV Applications	SurajPunj Journal For Multidisciplinary Research	ISSN NO: 2394-2886, Volume 11, Issue 4, 2021.
30.	Dr.G.S.Satheeshkumar	Review of echocardiogram analysis and Classification practices	Journal of critical reviews	ISSN- 2394-5125 VOL 7, ISSUE 17, 2020
31.	Dr.G.S.Satheeshkumar	Cost Effective Advanced Weather Monitoring System using IOT	SurajPunj Journal For Multidisciplinary Research	ISSN NO: 2394-2886
32.	Dr.G.S.Satheeshkumar	Automatic Vehicle Speed Detection System Using Image Processing	SurajPunj Journal For Multidisciplinary Research	Volume 11, Issue 4, 2021 ISSN NO: 2394-2886
33.	Dr M N Saravanakumar	Amending the governing input signal for the speed control of a steam turbine	Materials Today Proceeding Elsevier	June 2020
34.	Dr M N Saravanakumar	Stability improvement on industrial load using current controlled voltage regulator	Materials Today Proceeding Elsevier	July 2020

Sl No	Name of the faculty	Name of the FDP	Venue	No of Days
1	Dr.P.Selvan	NAAC Assessment and Accreditation	White Code	5 Days
		TEQIP III Sponsored ICT Enabled FDP on Energy Conservation and Management	Guru Nanak dev Engineering College, Ludhiana	5 Days
		IFDP on Research Challenges and Innovations in Renewable Energy Systems	Arupadai Veedu Institute of Technology, Salem	6 Days
		FDP on Renewable Energy Systems	RVS College of Engineering and Technology, Coimbatore	5 Days
		FDP on Recent Trends in Electrical Engineering	Crescent Institute of Science and Technology, Chennai	5 Days
		FDP on Applications of Power Electronics for Renewable Energy and Power Systems	Rajalakshmi Engineering College, Chennai	3 Days
		Industry Connect 2020	National Institute of Technology, Calicut	11 Days
		Industrial Energy Audit	Government College of Engineering, Aurangabad	5 Days
		5 Days FDP on Electric Vehicles: New Trends and Technologies	ABES Engineering College, Ghaziabad	5 Days
		STTP on Software Tools Used for Finite Element Analysis	Kalasalingam Deemed University, Krishnakoil	6 Days
		STTP on Machine Learning and Internet of Things(IoT) for Industrial Applications	Dr. N.G.P. Institute of Technology, Coimbatore	6 Days
		Aspect of Outcome Based Education and Use of Software	Sri Venkateshwara College of Engineering, Chennai	3 Days
2	Dr.M.Shyamalagowri	On line Faculty Development Programme on ICT to ICT	Rorever Engineering College, Perambalur	1 Day
		AICTE Sponsored Six days Online Short Term Training Programme (STTP) on Novel Design & Control Strategies and Innovative Technical Practices in LV / HV Modern Switchgear	Saranathan College of Engineering, Tiruchirappalli	6 Days
		FDP on Research Perspectives of Artificial Intelligence in Electrical Engineering	Sri Ramakrishna Institute of Technology, Coimbatore	5 Days

		AICTE Training and Learning (ATAL) Academy Online FDP on “Electric Vehicles	National Institute of Technology, Trichy	5 Days
		AICTE Sponsored Six days Online Short Term Training Programme (STTP) on Electrical Power Systems	Arya College of Engineering, Jaipur.	6 Days
		AICTE Sponsored Six days Online Short Term Training Programme (STTP) on Data Analytics for Smart Grid Technology	St. Joseph's Institute of Technology, OMR, Chennai	6 Days
		AICTE Sponsored Six days Online Short Term Training Programme (STTP) on Integration of Renewable Energy and Big Data Analytics for Smart Grid	PA College of Engineering and Technology, Pollachi, Coimbatore	6 Days
		AICTE Sponsored Six days Online Short Term Training Programme (STTP) on Technical Writing and Research Methodology	Chaitanya Bharathi Institute of Technology, Proddatur.	6 Days
		AICTE Training and Learning (ATAL) Academy Online FDP on “Sustainability Engineering	Vellore Institute of Technology	5 Days
		AICTE Training and Learning (ATAL) Academy Online FDP on “Artificial Intelligence and Robotics	Tripura University	5 Days
3	Dr.R.Muthukumar	Faculty Development program on “Digital image processing using MATLAB”	Synxa IT Pvt Ltd	4 Days
4	Dr.S.Karthick	ATAL FDP on Lab on Chip	S.R. M INSTITUTE OF SCIENCE AND TECHNOLOGY.	5 Days
5	Mr.L.Anbarasu	Energy Storage & Charging Infrastructure Development – Electric Vehicle Supply Equipment, National & International EV Standard Codes	Erode Sengunthar Engineering College	1 Day
		AICTE Sponsored Online STTP on Integration of Renewable Energy and Big Data Analysis of Smart Grid	P A College of Engineering, Pollachi	6 Days
		AICTE Sponsored Online STTP on Internet of Things for Healthcare	Dr. Mahalingam College of Engineering and Technology, Pollachi	6 Days

		Five days FDP on “Technological Advancement in Power System Control, Power Controllers, Drives & E-Vehicles – TAPPAD 2020” (Webinar series)	Dr. NGP Institute of Technology, Coimbatore	5 Days
		Five Days ATAL Online FDP on “Electrical and Computer Engineering”	National Institute of Technology, Andra Pradesh	5 Days
6	Mr. E.Immanuvel Bright	Patent to all	Research brains	1 Day
		Fuzzy Logic	Kristu Janthi College, Bangaluru	1 Day
		Improving Your Research Visibility	Vellar College of Engineering and Technology, Thindal, Erode	3 Days
		Research Ideas & Performance Analysis of Switched Reluctance Motor Using Magnet Software	Jerusalem College of engineering, Velachery, Chennai	2 Days
		Role of Robotics and AI during COVID-19	Vels Institute of science, Technology and Advanced Studies, Pallavaram, Chennai	1 Day
		Industry Connect	National Institute of Technology, Calicut	10 Days
		Technology Advancement in Power System Control, Power controllers, Drives & E-Vehicles-Tappad 2020	Dr.N.G.P Institute of Technology, Coimbatore	4 Days
		Control Systems and Sensors Technology	Government Engineering College, Thrissur	4 Days
		Design of solar PV system using PVSYST software	VAAGDEVI College of Engineering, Bollikunta, Telungana	5 Days
		Moodle Learning Management System	Anna University, Chennai	3 Months 17 Days
7	Ms.S.Tamil selvi	International Faculty Development Programme on “Research challenges and innovations in renewable energy systems	Aarupadai Veedu Institute of Technology an ambit Institution of Vinayaka Mission’s Research Foundation.	6 Days
		Innovation in Renewable Energy for future India	RMD Engineering College, Kavaripeitai	3 Days
		Intellectual Property Rights in India	PSNA College of Engineering and Technology	3 Days

		Online FDP on IPR	Keyway Research	1 Day
		STTP on MTALAB based Teaching-Learning in Mathematics, Science and Engineering	D Y PATIL University	5 Days
		DC-DC Converter on PV Systems	Visvesvaraya Institute of technology	1 Day
		ATAL FDP on Smart Cities	VIT	5 Days
8	Ms.N.Jothi Priya	Moodle Learning Management System	Anna University Chennai (IIT Bombay Project)	3 Months 17 Days
		Fuzzy Logic	Kristu Jayanti College	1 Day

## 12. Publications by the Faculty Members in National/International Conferences

S. No.	Name of the faculty	Name of the Conference	Paper presented on (Topic)	Venue	Date
1.	Dr M Shyamalagowri	AICTE Sponsored International E - Conference on Cutting Edge Technologies in Electrical, Communication and Embedded System and Soft Computing Techniques (ICECES – '20)	Worst Case Analysis for Synchronous Buck Converter based on Extreme Value Algorithm	Saranathan College of Engineering, Trichy.	05 <sup>th</sup> & 6 <sup>th</sup> November 2020
2.	Dr. M Shyamalagowri	2nd International Conference on Waste, Energy and Environment (ICWEE-2021)	Adjustable Auto Cutoff for Home Appliance Using 555 IC	Sathyabama Institute of Science and Technology (Deemed to be University), Jeppiaar Nagar (OMR), Chennai-600 119.	23 <sup>rd</sup> and 24 <sup>th</sup> September 2021



## 13. FDPs /STTPs attended by the faculty

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1.	Dr P Selvan	5 Days International Webinar Series on Emerging Green Technologies for Smart Cities : Challenges and Opportunities	RVS College of Engineering and Technology, Coimbatore	5 Days
2.	Dr.M.Shyamalagowri	Days National Workshop on Electric Vehicle Design using MATLAB	H Raison Institute of Engineering and Technology, Pune	3 Days
		Recent Trends in Embedded Systems and Computational Intelligence	by IE(I) Erode Local Centre in Association with Kongu Engineering College, Banari Amman Institute of Technology and Sengunthar Engineering College	5 Days
		Unlock the Young minds through Innovation for better tomorrow	Sri Ramakrishna Engineering College	5 Days
		TEQIP III online workshop on Advancements in Electrical Engineering:An Academic & Industrial Approach	NIT,Silchar	6 days

## 14. Internship Training Attended By the Faculty

S.No	Date	Name of the Company / Contact Details	Name of the Staff Benefitted
1.	21.09.2020	UNIQ Technologies, Coimbatore	Dr.P.SELVAN
2.	25.09.2020		L.ANBARASU
3.	24.08.2020	Global Smart Technologies & Solutions Private Limited	Dr.M.SHYAMALAGOWRI
4.	-		N.JOTHIPPRIYA
5.	28.08.2020		E.IMMANUVEL BRIGHT

## 15. Industrial Training Taken By the Faculty

Sl. No	Name of the faculty	Name of the company	Date & Duration
--------	---------------------	---------------------	-----------------

1.	Dr.P.Selvan	UNIQ Technologies	21.09.2020 -25.09.2020
2.	L.Anbarasu	UNIQ Technologies	21.09.2020 -25.09.2020
3.	Dr.M.Shyamalagowri	Global Smart Technologies & Solutions Private Limited	24.08.2020 -28.08.2020
4.	N.Jothipriya	Global Smart Technologies & Solutions Private Limited	24.08.2020 -28.08.2020
5.	E.Immanuvel Bright	Global Smart Technologies & Solutions Private Limited	24.08.2020 -28.08.2020

### 16. NPTEL Courses Done By the Faculty

S. No	Name of the faculty	Name of the Course	No of weeks	Rank
1.	Dr.P.Selvan Prof.& Head /EEE	Introduction to Smart Grid	8	Elite
		Advances in UHV Transmission and Distribution	12(FDP)	Elite
2.	Dr.M.Shyamalagowri ASP/EEE	Control System	12	
		Technologies for clean and Renewable Energy Production	8(FDP)	Elite
		Power Plant Engineering	8	Elite
3.	Dr. R.Muthukumar ASP/EEE	Introduction to Smart Grid	8(FDP)	completed
		Power System, dynamics, control and monitoring	12(FDP)	completed
4.	Dr. S.Karthick, AP/EEE	Introduction to Smart Grid	8	completed
		Electric Vehicle-Part I	04(FDP)	completed
5.	Mr.L.Anbarasu, AP /EEE	Electrical Machines	12	completed

6.	Mr.L.Vijayanand, AP /EEE	Introduction to Smart Grid	8	completed
		Electric Vehicle-Part I	04(FDP)	completed
7.	Mr.E.Immanuvel Bright, AP /EEE	Introduction to Smart Grid	8	completed
		Electric Vehicle-Part I	04(FDP)	completed
8.	Mr.R.Senthilkumar AP /EEE	Introduction to Smart Grid	8	Elite
		Electric Vehicle-Part I	04(FDP)	completed
9.	Mr.S.Vijayanand AP /EEE	Introduction to Smart Grid	8	completed
10.	Mr.G.Gunasekaran AP /EEE	Introduction to Smart Grid	8	completed
		Electric Vehicle-Part I	04(FDP)	completed
11.	Ms.N.Jothipriya AP /EEE	Introduction to Smart Grid	8	completed
		Electric Vehicle-Part I	04(FDP)	completed

## 21. Best Outgoing Student

Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1.	R GAYATHRI	IV YEAR	VIII / EEE	8.72	I

**22. Class Wise Toppers List**

Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1.	SHOBANA S	I Year	I/EEE	9.00	1
2.	JANANI P	I Year	I/EEE	9.00	1
3.	JANSIRANI K	I Year	I/EEE	8.70	2
4.	MANOJ KAVIN K	I Year	I/EEE	8.70	2
5.	YESWANTH M	I Year	I/EEE	8.55	3

I Year/II Sem

Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1.	SHOBANA S	I Year	II/EEE	9.22	1
2.	SUJITHRA N	I Year	II/EEE	8.98	2
3.	JANANI P	I Year	II/EEE	8.93	3









23. List of students placed - Details like Photo of the student, Name of the Company, package details

		
<b>NCR Limited , 1.62 LPA</b>	<b>FOCUS EDUMATICS - 1.68 LPA</b>	<b>KIML - 1.7LPA</b>
		
<b>ASPIRE SYSTEMS - 3.6 LPA</b>	<b>FOCUS EDUMATICS - 1.68 LPA</b>	<b>VOLTECH - 2.04 LPA</b>
		
<b>NCR Limited , 1.62 LPA</b>	<b>NCR Limited , 1.62 LPA VOLTECH - 2.04 LPA</b>	<b>TCS - 3.36 LPA EAST INDIA - 1.92 LPA</b>









		
<b>EAST INDIA – 1.92 LPA</b>	<b>WEBBERAX – 2.04 LPA</b>	<b>FOCUS EDUMATICS – 1.68 LPA</b>
		
<b>KIML – 1.7LPA</b>	<b>KIML – 1.7LPA</b>	<b>FOCUS EDUMATICS – 1.68 LPA</b>
		
<b>VOLTECH – 2.04 LPA</b>	<b>KIML – 1.7LPA</b>	<b>FOCUS EDUMATICS – 1.68 LPA</b>
		
<b>KIML – 1.7LPA</b>	<b>NCR Limited , 1.62 LPA</b>	<b>FOCUS EDUMATICS – 1.68 LPA</b>

		
<p><b>FOCUS EDUMATICS – 1.68 LPA</b></p>	<p><b>EAST INDIA – 1.92 LPA</b></p>	<p><b>FOCUS EDUMATICS – 1.68 LPA</b></p>
		
<p><b>EAST INDIA – 1.92 LPA</b></p>	<p><b>FOCUS EDUMATICS – 1.68 LPA</b></p>	<p><b>FOCUS EDUMATICS – 1.68 LPA</b></p>
		
<p><b>NCR Limited , 1.62 LPA</b></p>	<p><b>NCR Limited , 1.62 LPA</b></p>	<p><b>NCR Limited , 1.62 LPA</b></p>



		
<p><b>VOLTECH – 2.04 LPA</b></p>	<p><b>NCR Limited , 1.62 LPA</b></p>	<p><b>NCR Limited , 1.62 LPA</b></p>
		
<p><b>NCR Limited , 1.62 LPA</b></p>	<p><b>FOCUS EDUMATICS – 1.68 LPA</b></p>	<p><b>VOLTECH – 2.04 LPA</b></p>
		
<p><b>WEBBERAX – 2.04 LPA</b></p>	<p><b>FOCUS EDUMATICS – 1.68 LPA TCS – 3.36 LPA</b></p>	<p><b>KIML – 1.7LPA</b></p>



		
<b>KIML – 1.7LPA</b>	<b>WEBBERAX – 2.04 LPA</b>	<b>VOLTECH – 2.04 LPA</b>
		
<b>VOLTECH – 2.04 LPA</b>	<b>VOLTECH – 2.04 LPA</b>	<b>VOLTECH – 2.04 LPA</b>
		
<b>VOLTECH – 2.04 LPA</b>	<b>VOLTECH – 2.04 LPA</b>	

STUDENTS ACTIVITY CORNER





**M.Boopathi**

**II - EEE**







S.SanjeevDarshan

IV- EEE



K.Sowmiya

IV-EEE



### அன்னையும் மனைவியும்

"காதலர் தினம், கல்லூரி தினம்"  
 என எத்தனையோ தினங்கள்  
 கொண்டாடும் உலகில்  
 தினம் தினம் கொண்டாடுகிறேன்  
 "அன்னையர் தினம் அன்போடும்"  
 "மனைவி தினம் மனதோடும்"

**V.S.Arunpravin**

3rd year EEE

**DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING****1. Best Five Achievements of the Department**

- New lab facility has been established
- Out of 25 students 22 students got placed in reputed firms.
- MoU has been signed with SJAES company.
- 6 patents were filed by our department faculty members.

**2. Association activities**

- EIE ECLAT association has conducted two guest lectures, two seminars and two leader's talk.

**3. Guest Lectures/Leaders talk**

- ECLAT conducted its association inaugural and guest lecture-I on the topic "ROLE OF PLC & ROBOTICS IN THE FIELD OF AUTOMATION" on 18.09.2021. The chief guest for this function was Mr.K.Balachandar, Solution Architect, Rockwell Automation, Chennai.
- Guest lecture-II on the topic "Soft Skill Enhancement" was held on 8.10.2021. The chief guest for this function was Mr.Keerthiharan, Associate Manager-HR Department, HCL Technologies, Chennai.
- Seminar-1 on the topic "An Art of Writing Journal Paper" was held on 9.10.2021. The chief guest for this function was Dr. M. N. Saravana Kumar, AP/EIE, Erode Sengunthar Engineering College and Mr. P. Suresh Kumar, AP(Sr.G)/EIE, Erode Sengunthar Engineering College.
- Seminar-2 on the topic "Developing Communication Skills" was held on 13.11.2021. The chief guest for this function was SOLOMON V ANBUHELVAN, AP/ENGLISH, Erode Sengunthar Engineering College.
- Leader's Talk-1 on the topic "Job Opportunities in Instrumentation" was held on 22.11.2021. The chief guest for this function was S.Sathish, Technical Engineer, SJS Automation, Chennai.
- Leader's Talk-2 on the topic "Placement Opportunities" was held on 23.11.2021. The chief guest for this function was M.Ajay, Technical Trainee, SPIC, Tuticorin.

**4. New establishment and MOU**

- NEW LAB FACILITY ESTABLISHED -INDUSTRIAL AUTOMATION LABORATORY
- MoU signed with SJAES, Chennai

**5. Patent /Patent submission status**

<b>S.No.</b>	<b>Patent office detail</b>	<b>Application number</b>	<b>Date of filling</b>	<b>Published date</b>	<b>Title of the invention</b>	<b>Author Name</b>
1.	(12) PATENT APPLICATION PUBLICATION (22) INDIA	202141003615 A	27.01.2021	05.02.2021	Design and Development of Smart Security and Surveillance System	E.Sathish
2.	(12) PATENT APPLICATION PUBLICATION (19) INDIA	202141005564 A	09.2.2021	12.2.2021	Design and Development of Mishap detection and astute action smart system using IoT	G.Revathy
3.	IP India Patent Office - Chennai	202041025882 A	19/06/2020	03/07/2020	“Secured Protection Device for Safety during Overload Condition”	P.Suresh Kumar
4.	IP India, Chennai	202041025882	19 June 2020	03 July 2020	Secured Protection device for safety during overload conditions	Dr. M. N. Saravana Kumar



5.	IP India, chennai	202041027054	25 June 2020	10 July 2020	Energy Efficient Street Light system using arduino Uno and WSN for smart city	Dr. M. N. Saravana Kumar
6.	IP India, Chennai	202041027956	01 July 2020	10 July 2020	An Optimal method for fault detection of transmission line with loss reduction	Dr. M. N. Saravana Kumar

### 6. Participation By Students In Seminar/National/ International Conferences

S. No.	Name of the Student	Title of the Conference/Seminar	Venue	Date
1	R.Ajeeth Kumar	Webinar on “Financial Empowerment Through Wealth Creation”	PG & Research Development of Commerce and IQAC in Collaboration with AMFI, at SWAMI DAYANANDA COLLEGE OF ARTS AND SCIENCE	11.10.2021.
2	G.Alaguraj	Two Day Seminar on “Intellectual Property Rights and Smart Ways for Writing a Successful Research Grant Proposal”	Department of Computer Science Engineering at Karpagam College of Engineering, Coimbatore.	09.12.2021 to 10.12.2021
3	N.Deenathayalan	Webinar on “Cyber Security and Python Development	SHAPEAI,	18.10.2021.

4	S.Kirubakaran	Webinar on “Financial Empowerment Through Wealth Creation	PG & Research Development of Commerce and IQAC in Collaboration with AMFI, at SWAMI DAYANANDA COLLEGE OF ARTS AND SCIENCE	11.10.2021.
5	R.Merlinpreeta , B.Ramya, M.Rakesh D.Subalakshmi, P.Venugopal	Programming Fundamentals using Python – part 1	Infosys Springboard	15.12.2021.
6	A.Anbumaini, C.Samvishwa, L.Immanuvel	National webinar on,”Strategy for Managing Personal Finance”	AKAL College of Economics Commerce and Management eternal University in collaboration with Association of Mutual Funds of India	25.10.2021.
7	L.Immanuvel,C.Samvishwa, P.Bhuvaneshwari, J.Saranya, S.K.Shakipraba, S.Ranjithkumar	National webinar on,”Essential of Personal Finance Management”	Tagore University in collaboration with Association of Mutual Funds of India	22.10.2021.
8	L.Immanuvel,C.Samvishwa,J.Saranya, A.Anbumaini	National webinar on “Strategy for Managing Personal Finance”	S.S.D Women’s Institute of Technology in collaboration with Association of Mutual Funds of India	24.11.2021.

9	L.Immanuvel, A.Anbumaini	Technical Session on Internet Of Things(IOT)	e-Yantra Lab Setup Initiative(eLsSI)	12.10.2021
10	L.Immanuvel, C.Samvishwa	“One Day National Webinar on Financial Empowerment Through Wealth Creation”	PG &Research Department of Commerce and IQAC in collaboration with Association of Mutual Funds of India	11.10.2021
11	L.Immanuvel, C.Samvishwa, A.Anbumaini	Programming Fundamentals Using Python	Infosys /Springboard	11.12.2021
12	P.Bhuvaneshwari,L.I mmanuvel,C.Samvis hwa,J.Saranya,S.K.S hakipraba,S.Ranjithk umar, A.Ajaydeva, A.Anbumaini,R.Bavi thran,S.Mathivanan, K.Vanaroja,S.Nandhi ni	Introduction to Python	Infosys /Springboard	11.12.2021
13	A.Anbumaini,L.Imm anuvel,P.Bhuvanesh wari,C.Samvishwa, A.Ajaydeva,S.Ranjit hkumar	Electronics and Instrumentation Online Quiz	SESHASAYEE Institute Of Tehnology, Triuchirap palli	20.9.2020

### 7. Internship Training Attended By the Students

Sl. No	Name of the students	Year/Class	Name of the company	Date & Duration
	A.Ajaydeva,A.Akashayyadhurai,A.Anbumaini,S.Bharanitharan,R.Bhavithran,L.Immanuvel,M.Naveenkanth,T.Ravi,C.Samvishwa,C.Boobalan	III/V	National Small Industries Corporation, Chennai	5 DAYS

### 8. Journal publications by the faculty

S.No	Title of the Paper	Name of the faculty	Name of the Journal	Details
1.	Mr.E.Sathish, Ms.G.Revathy	A Comparative Study for Fault Detection and Classification in Textile Web Materials	Journal of Xi'an University of Architecture & Technology,	ISSN No : 1006-7930, Volume XII, Issue XII, 2020
2.	Mr.E.Sathish	Development of smart accident identification and detection system	Elsevier - Materials Today: Proceedings,	January 2021.
3.	Mr.E.Sathish	Design and development of multi controlled smart bike	Elsevier - Materials Today: Proceedings,	January 2021.
4.	Mr.E.Sathish, Dr. V.Premchandran, Mr.M.Karthikkumar	Solar Powered Autonomous Robotic Car using Surveillance	Journal - Springer – Smart Innovation, Systems and Technologies (SIST) Series	-

5.	Mr.E.Sathish, Dr.R.Muthukumar, Mr.E.Immanuvel Bright	Energy Utilization and Prediction using ML for Improving EMS system: A study Approach	Journal - Turkish Online Journal of Qualitative Inquiry,	August 2021.
6.	Ms.G.Revathy	Design and development of smart dustbin	Materials Today: Proceedings,	February 2021.
7.	Mr. P.Suresh Kumar & Dr. M. N. Saravana Kumar	Electromechanical Strength Analysis For Rectangular Rails	Journal of Xi'an University of Architecture & Technology,	ISSN NO.:1006-7930,2020
8.	Dr. M. N. Saravana Kumar	Mathematical Modeling and optimization of hyper node analysis	AIP Conference Proceedings	ISSN 0094-243X
9.	Dr. M. N. Saravana Kumar	Smartphone-based electrochemical sensor for assessing COVID-19 infected patients	International Journal of Pervasive Computing and Communications - Emerald Publisher, ISSN 1742-7371	-
10.	Dr. M. N. Saravana Kumar	Two-Tier Security Mechanism for Malignant detection in wireless sensor networks	European Journal of Molecular and clinical Medicines,	ISSN 2515-8260
11.	Dr. M. N. Saravana Kumar	Congestion free channel allocation for high traffic using MAC in WSN	Information Technology in Industry,	ISSN 2204-0595
12.	Dr. M. N. Saravana Kumar	Machine Learning and Applications	<b><u>Book Chapter</u></b> DIPTI Press (OPC) Private Limited,	Chapter 7, pp. 282-288

13.	Dr. M. N. Saravana Kumar	Data Security in Internet of Things based RFID and WSN Systems applications	<b><u>Book Chapter</u></b> CRC Press, Taylor & Francis Group,	Chapter 9, pp. 107-114.
-----	--------------------------	---	--	-------------------------

### 9. Publications by the Faculty Members in National/International Conferences

S. No.	Name of the faculty	Name of the Conference	Paper presented on (Topic)	Venue	Date
1.	Ms.G.Revathy	IEEE Conference on Advances and developments in Electrical and Electronics Engineering	PLC based smart framing system with SCADA	Karpagam College Of Engineering	10.12.2020-11.12.2020
2.	Mr.E.Sathish, Dr.V.Premchandran, Mr.M.Karthik kumar	IOP Conference Series: Materials Science and Engineering (ICCSSS)	An Agriculture Irrigation Management system Based on the internet of Things with MQTT Protocol	-	-
3.	Mr.E.Sathish, Dr.V.Premchander, Mr.M.Karthikkumar, T.Marismurugan	Conference - Intelligent Manufacturing And Energy Sustainability	Solar Powered Autonomous Robotic Car using Surveillance	Malla Reddy College of Engineering & Technology, Hyderabad.	18.06.2021 & 19.06.2021
4.	Mr.E.Sathish T.Marismurugan	International conference on Contemporary on revolutionary techniques in Science and Engineering	Intelligent Irrigation using IoT	Indra Ganesan College of Engineering	09.04.2021 & 10.04.2021

5.	Dr. M. N. Saravana Kumar	International Conference On Recent Evolution & Adoptable Technologies in Engineering (ICREATE – 2020),	An Automated Fault Identification in Switchyard station	Erode Sengunthar Engineering College, Erode, Tamil Nadu, India.	29.9.2020 & 30.9.2020
6.	P.Suresh Kumar	National Conference	Embedded Based Oil Industry Process Monitoring Systems and Security System	Jagannath Institute of Technology, Chennai	27.12.2020
7.	Dr. M. N. Saravana Kumar	National Conference On Artificial Intelligence for IoT and Power Grid Network's (NCAIIPGN – 2020), 03 July 2020	Design and implementation of coal mine safety system using Arduino	SRM TRP Engineering College, Trichy, Tamil Nadu, India.	03.07.2020

#### 10. FDPs /STTPs attended by the faculty

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1.	P.Senthil Kumar	Opportunities in Smart Grid with Integration of Electrical Vehicles	Vemu Institute of Technology, Chittoor.	08.10.2021 To 12.10.2021
2.	E.Sathish	One week virtual Faculty Development Program on Research Challenges, Opportunities in Smart Grid with Integration of Electrical Vehicles	VEMU Institute of Technology, P. Kothakota, Chittoor.	08.10.2021 to 12.10.2021

3.	T.Maris Murugan	One-week virtual Faculty Development Program on Research Challenges, Opportunities in Smart Grid with Integration of Electrical Vehicles	VEMU Institute of Technology, P. Kothakota, Chittoor.	08.10.2021 to 12.10.2021
4.	T.Maris Murugan	AICTE sponsored one week STTP on “Research Aspects On Deep Learning In Image And Video Processing-1”	Vellammal Institute Of Technology	01.12.2020-07.12.2020
5.	G.Revathy	Internal Quality Assurance Cell(IQAC)In Association With Department Of Information Technology sponsored FDP on “Joy of learning virtual Lab”	Adhiyamaan College Of Engineering	05.01.2021
6.	G.Revathy	Two days FDP on “Deep Learning On Computer Vision”	Karpagam College Of Engineering	29.06.2021& 30.06.2021
7.	G.Revathy	Five days FDP on “Techniques In Research And Innovations(TRI2021)”	Karpagam College Of Engineering	05.07.2021-09.07.2021
8.	G.Revathy	AICTE sponsored one week STTP on “Hybrid and Electrical Vehicles: Development, Integration and Challenges”	Erode Sengunthar Engineering College	20.09.2021-25.09.2021
9.	G.Revathy	All Indian Council for Technical Education, New Delhi AQIS Sponsored Two Weeks Faculty Development Programon “Introduction to Smart Grid (ITSG-2020) Phase-I”	K.D.K. College of Engineering Nagpur	23.11.2020 24.12.2020
10.	G.Revathy	AICTE sponsored one week STTP on “Research Aspects On Deep Learning In Image And Video Processing-1”	Vellammal Institute Of Technology	01.12.2020-07.12.2020



11.	G.Revathy	AICTE sponsored one week STTP on “Application of artificial intelligence technique in overcoming the challenges of healthcare industry”	Knowledge Of Institute Of Technology	07.12.2020-12.12.2020
12.	G.Revathy	TEQIP sponsored One week FDP on “Stress And Anger Management”	Jaipur Engineering College And Research Centre, Jaipur	15.12.2020-19.12.2020
13.	P.Suresh Kumar	“Introduction to Smart Grid (ITSG-2020) Phase-II”	K.D.K. College of Engineering, Nagpur- 440 024 (Maharashtra.)	07.12.2020 To 18.12.2020 (14 Days)
14.	P.Suresh Kumar	“Research Challenges, Opportunities in Smart Grid with Integration of Electrical Vehicles” (RCOSGIEV-2021)	VEMU Institute of Technology, Chittoor (AP)	08-10-2021 To 12-10-2021 ( 5 Days)
15.	Dr. M. N. Saravana Kumar	Faculty Program on NBA	Bharati Vidyapeeth College of Engineering, Navi Mumbai, India	05.12.2020
16.	Dr. M. N. Saravana Kumar	Open Source Tools for Cybersecurity	Karpagam College of Engineering, Coimbatore, TN, India	23.12.2021 to 24.12.2021 Two Days
17.	Dr. M. N. Saravana Kumar	Trending Technologies in Computer science	Dr. M.G.R. Educational and Research Institute, Chennai	18.10. 2021 to 22.10. 2021 (Five Days)

### 11. Workshop Attended By The Faculty

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1.	P.Senthil Kumar	Programming fundamentals using Python – Part 1	Infosys Springboard	23.12.2021
2.	E.Sathish	Webinar on technologies shaping future automation	Kumaraguru College of Technology	15.06.2020.to 19.06.2020
3.	E.Sathish	Webinar on Scope and Future of Solar energy as a sustainable source	Karpagam College of Engineering	13.05.2021
4.	E.Sathish	A Three day webinar on IoT with Artificial Intelligence	Sir C R Reddy College of Engineering, Eluru.	27.05.2021 to 29.05.2021

5.	E.Sathish	Programming Fundamentals using Python - Part 1	Infosys springboard	23.12.2021
6.	T.Maris Murugan	Webinar on technologies shaping future automation	Kumaraguru College of technology	15.06.2020.to 19.06.2020
7.	T.Maris Murugan	Webinar on Scope and Future of Solar energy as a sustainable source	Karpagam College of Engineering	13.05.2021
8.	T.Maris Murugan	A Three day webinar on IoT with Artificial Intelligence	Sir C R Reddy College of Engineering, Eluru.	27.05.2021 to 29.05.2021
9.	T.Maris Murugan	Webinar on MatLab Programming	AGIMUS Technologies, Bangalore	19.10.2020 to 23.10.2020
10.	T.Maris Murugan	Online certification program on Introduction to MATLAB and Simulink	MSME	17.12.2021 to 17.12.2021
11.	T.Maris Murugan	Programming Fundamentals using Python - Part 1	Infosys springboard	23.12.2021
12.	G.Revathy	Two days workshop on “ Role of internal academic and administrative audit(IAAA) in higher education institute(HEI)”	Adhiyamaan College Of Engineering	02.12.2020 & 03.12.2020
13.	G.Revathy	Five days online certification program on “ Introduction to MATLAB & Simulink”	MSME	13.12.2021- 17.12.2021
14.	G.Revathy	One day national webinar on “Financial empowerment through wealth creation”	Swami Dayanandha College Of Arts And Science	11.10.2021
15.	G.Revathy	Programming Fundamentals using Python - Part 1	Infosys springboard	23.12.2021
16.	P.Suresh Kumar	“ANSYS Mechanical and CFD Capabilities”	Vinayaka Mission’s Research Foundation ,	06.06.2020 08.06.2020
17.	P.Suresh Kumar	“Introduction to MATLAB and Simulink”	Agimus Technologies Private Limited	13.12.2021 17.12.2021
18.	P.Suresh Kumar	“Programming Fundamentals using Python”	Infosys	23.12.2021
19.	Dr. M. N. Saravana Kumar	ANSYS Mechanical and CFD Capabilities	Aarupadai Veedu Institute of Technology, Salem, TN	06 .06. 2020

20.	Dr. M. N. Saravana Kumar	RF Domain using ANSYS HFSS	Amrita College of Engineering and Technology, Kanyakumari, TN	12.06.2020
-----	-----------------------------	-------------------------------	--	------------

### 12. Best Outgoing Student

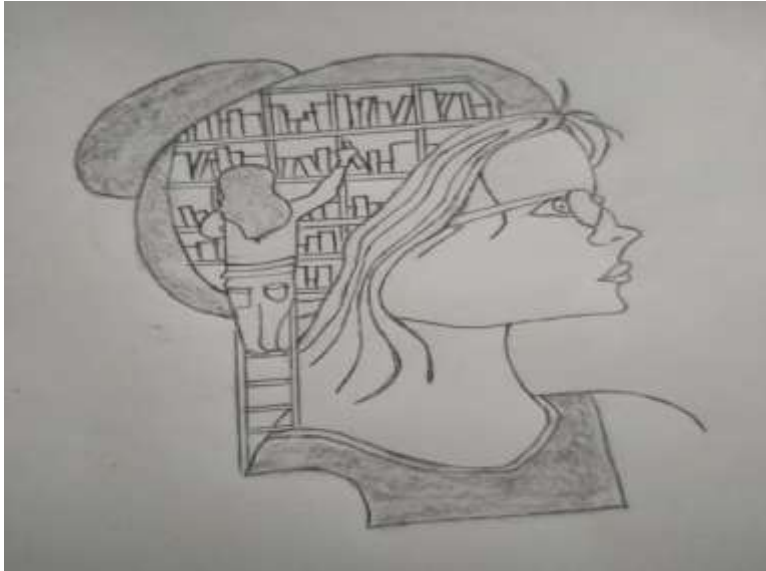
Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1	M.AJAY	IV	VIII/EIE	9.6	I

### 13. Class Wise Toppers List

Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1	M.AJAY	IV	VIII/EIE	9.6	I
2	MERLINPREETA. R	III	VI/EIE	8.82	I
3	SAMVISHWA.C IMMANUVEL.L	II	IV/EIE	9.74	I

**STUDENTS ACTIVITY CORNER**

**ART BY N.DEENADHAYALAN IV-EIE**









**ART BY DEEPAKKUMAR. R IV EIE**



## LIST OF STUDENTS PLACED

		
ARAVINDHAN. K VOLTECH HR SERVICE, CHENNAI Rs.240000	LOGANATHAN. S VOLTECH HR SERVICE, CHENNAI Rs.240000	NARESH. S VOLTECH HR SERVICE, CHENNAI Rs.240000
		
NAVEEN. R VOLTECH HR SERVICE, CHENNAI Rs.240000	VIGNESH. P VOLTECH HR SERVICE, CHENNAI Rs.240000	VIJAY. T VOLTECH HR SERVICE, CHENNAI Rs.240000
		
BHARATH. K SRI JAISHANTH AUTOMATION & ENGINEERING SOLUTIONS, CHENNAI Rs.120000	JAYAKUMAR. R SRI JAISHANTH AUTOMATION & ENGINEERING SOLUTIONS, CHENNAI Rs.120000	NAGARJUN. M SRI JAISHANTH AUTOMATION , CHENNAI Rs.120000

		
NANTHAKUMAR. S LAKSHMI AUTOMATION INDUSTRY, COIMBATORE Rs.120000	RAVIKIRUBAKARAN. S LAKSHMI AUTOMATION INDUSTRY, COIMBATORE Rs.120000	SELVAKUMAR. M LAKSHMI AUTOMATION INDUSTRY, COIMBATORE Rs.120000
		
SOWNDHAR. S LAKSHMI AUTOMATION INDUSTRY, COIMBATORE Rs.120000	AJAY. M NCR CORPORATION INDIA PVT. LTD., CHENNAI Rs.162000	DEEPIKA. K NCR CORPORATION INDIA PVT. LTD., CHENNAI Rs.162000
		
DHARSHINI. A NCR CORPORATION INDIA PVT. LTD., CHENNAI Rs.162000	SUNDARADEVI. K NCR CORPORATION INDIA PVT. LTD., CHENNAI Rs.162000	GOKUL. S ECO PURE TECHNOLOGY, TIRUPUR Rs.120000

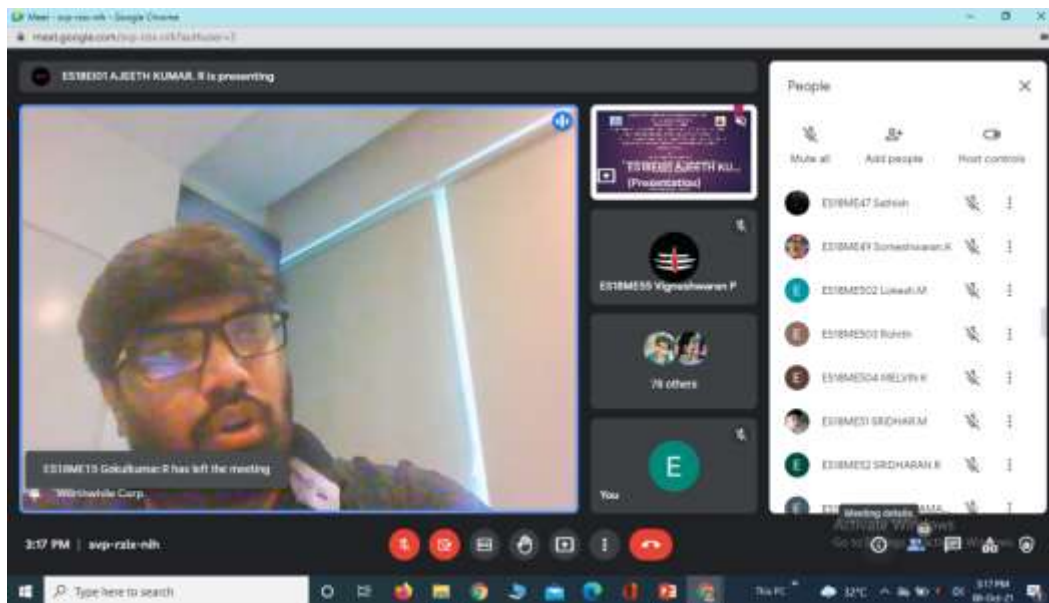
		
<p>GOMATHI. T ALFA ENGINEERS, ERODE Rs.96000</p>	<p>CHANDRU.M BANNER EVER INT'L GROUP CORPORATION,BANGALOR E Rs.156000</p>	<p>SASIKUMAR. S BANNER EVER INT'L GROUP CORPORATION,BANGAL ORE Rs.156000</p>
		
<p>SHANMUGANATHAN. R BANNER EVER INT'L GROUP CORPORATION,BANGALOR E Rs.156000</p>		



## GLIMPSES OF EVENT ORGANIZED BY THE DEPARTMENT



ECLAT has conducted its association inaugural and guest lecture-I on the topic “ROLE OF PLC & ROBOTICS IN THE FIELD OF AUTOMATION” on 18.09.2021. The chief guest for this function is Mr.K.Balachandar, Solution Architect, Rockwell Automation, Chennai.



Guest lecture-II on the topic “Soft Skill Enhancement” on 8.10.2021. The chief guest for this function is Mr.Keerthiharan, Associate Manager-HR Department, HCL Technologies, Chennai.



Seminar-1 on the topic “An Art of Writing Journal Paper” on 9.10.2021. The chief guest for this function was Dr. M. N. Saravana Kumar, AP/EIE, Erode Sengunthar Engineering College and Mr. P. Suresh Kumar, AP(Sr.G)/EIE, Erode Sengunthar Engineering College.



Seminar-2 on the topic “Developing Communication Skills” on 13.11.2021. The chief guest for this function was SOLOMON V ANBUHELVAN, AP/ENGLISH, Erode Sengunthar Engineering College.



Leader's Talk-1 on the topic "Job Opportunities in Instrumentation" on 22.11.2021. The chief guest for this function was S.Sathish, Technical Engineer, SJS Automation, Chennai.



Leader's Talk-2 on the topic "Placement Opportunities" was held on 23.11.2021. The chief guest for this function was M.Ajay, Technical Trainee, SPIC, Tuticorin.

**15. Best outgoing student**

Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1	M.AJAY	IV	VIII/EIE	9.6	I

**16. Class wise toppers list**

Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1	M.AJAY	IV	VIII/EIE	9.6	I
2	MERLINPRE ETA. R	III	VI/EIE	8.82	I
3	SAMVISHW A.C IMMANUVE L.L	II	IV/EIE	9.74	I

**DEPARTMENT OF MECHANICAL ENGINEERING****1. Best five achievements of the department**

- B.E Mechanical Engineering Program was reaccredited by NBA during June 2020.
- 20% of the faculties are PhD holders.
- 15% of the faculties are pursuing their Phd now.
- 100% admission in PG programmes.
- Around 15 students got placement offer from Tier 1 MNCs with a salary package of 3.36 Lakhs.

**2. Association activities**

- The Department of Mechanical inaugurated the Mechanical Engineering Association and arranged a Guest Lecture on “Job Opportunities for Mechanical Engineers” on 16.9.2020. Mr.P.Manikandan, Head and Research & Development MACBRO Engineering Solutions, Erode delivered a guest lecture.
- The Department of Mechanical Engineering students Association arranged a Guest Lecture on Advanced Manufacturing Technology"on 12.10.2020.Dr.Srinath M.K,Associate Professor, New horizon Engineering college,Bengaluru delivered a guest lecture.
- The Department of Mechanical Engineering students Association arranged a Workshop on 3D Printing Workshop on 10.11.2020. Dr. A. Anandha Moorthy, Associate Professor/ Mech, BannariAmman Institute of Technology, Sathyamangalam delivered a guest lecture.
- The Department of Mechanical Engineering students Association arranged a Guest Lecture on "Geometrical dimensioning and tolerancing"on 16.12.2020. Mr.sasitharan, Trainer, TVS services & Training Private Limited, Chennai delivered a guest lecture.
- The Department of Mechanical Engineering students Association arranged a Guest Lecture on Lean Manufacturing on 23.12.2020. Mr.Muthukrishnan, AGM/Training, ROOTS Industries Private Limited, Coimbatore delivered a guest lecture.
- The Department of Mechanical Engineering arranged a STTP on 3 D Printing Technology " A means for modern Manufacturing" on 9.12.2020 to 14.12.2020 , 16.12.2020 to 21.12.2020, 23.12.2020 to 29.12.2020. Dr. V. Sivaram, Professor,EGS Pillai Engineering College, Nagappattinam.2. Dr. Rajesh Renganathan Professor, CIT, Coimbatore. 3. Dr.AnanthakumarAssociate Professor ,Bannari Amman Institute of Technology,Sathy.Dr.P. Sathya,Professor and Head, Production Engineering Department, NIT,Trichy.

- The Department of Mechanical Engineering students Association arranged a Guest Lecture on Computational Fluid dynamics on 07.01.2021. Dr.R.Thundil Karuppuraj, Professor and Head/Automobile, VIT, Vellore delivered a guest lecture.
- The Department of Mechanical Engineering students Association arranged a Guest Lecture on Mechanical metallurgy on 04.03.2021. Dr.K.Ganesan,Professor/Mech, PSG College of Technology, Coimbatore delivered a guest lecture.

### **3. Guest Lectures/Leaders talk**

- The Department of Mechanical inaugurated the Mechanical Engineering Association and arranged a Guest Lecture on “Job Opportunities for Mechanical Engineers” on 16.9.2020. Mr.P.Manikandan, Head and Research & Development MACBRO Engineering Solutions, Erode delivered a guest lecture.
- The Department of Mechanical Engineering students Association arranged a Guest Lecture on Advanced Manufacturing Technology"on 12.10.2020.Dr.Srinath M.K,Associate Professor, New horizon Engineering college,Bengaluru delivered a guest lecture.
- The Department of Mechanical Engineering students Association arranged a Workshop on 3D Printing Workshop on 10.11.2020. Dr. A. Anandha Moorthy, Associate Professor/ Mech, BannariAmman Institute of Technology, Sathyamangalam delivered a guest lecture.
- The Department of Mechanical Engineering students Association arranged a Guest Lecture on "Geometrical dimensioning and tolerancing"on 16.12.2020. Mr.sasitharan, Trainer, TVS services & Training Private Limited, Chennai delivered a guest lecture.
- The Department of Mechanical Engineering students Association arranged a Guest Lecture on Lean Manufacturing on 23.12.2020. Mr.Muthukrishnan, AGM/Training, ROOTS Industries Private Limited, Coimbatore delivered a guest lecture.
- The Department of Mechanical Engineering arranged a STTP on 3 D Printing Technology " A means for modern Manufacturing" on 9.12.2020 to 14.12.2020 , 16.12.2020 to 21.12.2020, 23.12.2020 to 29.12.2020.
- Dr. V. Sivaram, Professor, EGS Pillai Engineering College, Nagappattinam.and Dr. Rajesh Renganathan, Professor, CIT, Coimbatore.
- Dr.Ananthakumar, Associate Professor , Bannari Amman Institute of Technology,Sathy.Dr.P. Sathya,Professor and Head, Production Engineering Department, NIT,Trichy.



- The Department of Mechanical Engineering students Association arranged a Guest Lecture on Computational Fluid dynamics on 07.01.2021. Dr.R.Thundil Karuppuraj, Professor and Head/Automobile, VIT, Vellore delivered a guest lecture.
- The Department of Mechanical Engineering students Association arranged a Guest Lecture on Mechanical metallurgy on 04.03.2021. Dr.K.Ganesan,Professor/Mech, PSG College of Technology, Coimbatore delivered a guest lecture.

#### 4. Any New Establishment, Center Approval And MOU

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Profenaa Technologies Erode	07/01/2021	Internship	166
The Creator industries Bhavani	12/03/2021	Internship	166

#### 5. Patent /Patent Submission Status

1. Dr.M.Pandian, Professor, Department of Mechanical Engineering, published a patent on “Performance Analysis of Solar Still with Carcon Fiber Composite and Copper Fins” application no: 202141010227, on 19.03.2021.
2. Dr.M.Pandian, Professor, Department of Mechanical Engineering, gave a lecture on “Challenges, Opportunities and Research Possibilities in Renewable Energy” organized by PSNA College of Engineering and Technology, Dindigul on 04.03.2021.
3. Dr.S.Navaneethakrishnan, Assistant Professor, Department of Mechanical Engineering published a patent on “A Flywheel Powered Bicycle With Hybrid Technology”, application no:202141013028 A on 25.03.21.

### 6. Details of Paper Presented By the Students

Sl. No	Name of the Student	Title	Venue	Date
1	R Prasath Rao Santhosh Kumar S	Nano Technology And Its Applications	K. Ramakrishna Engineering College, Trichy	18.3.2021 and 19.3.2021
2	S.Pragadeshwaran M.Neshamani G.Siranjeevi M.Ajith Prabu	Mems And Its Applications	K. Ramakrishna Engineering College, Trichy	18.3.2021 and 19.3.2021

### 7. Participation By Students In Seminar/National/ International Conferences

S. No.	Name of the Student	Title of the Conference/Seminar	Venue	Date
1	J.Dhasharathi	21st Annual Conference On Quality Management	Au Tvs Center For Quaity Management Students Quality Council Anna University	04.03.2020
2	R. S. Aravind Santhosh Kumar S Arun Kumar S R	Recent Trends In Electrical Vehicles	M.Kumarasamy College Of Engineering	03.03.2020

### 8. Workshop attended by the Students

Sl. No	Name of the Student	Title of the Workshop	Venue	No of Days
1	Abhinesh M	Advanced Driver Assistance System	Skyy Rider Institutions	21.08.2020 (1 Day)
2		Car Designing Process-Sketch To Prototype	Skyy Rider Institutions	17.10.2020 (1 Day)
3		Cnc Programming (Milling Operation)	Skyy Rider Institutions	10.09.2020 (1 Day)
4		Cnc Programming Using Master Cam	Skyy Rider Institutions	16.10.2020 (1 Day)
5		Design For Additive Manufacturing With Nx	Skyy Rider Institutions	12.10.2020 (1 Day)
6		Diesel Particulate Filter In Bs-Vi Technology	Skyy Rider Institutions	13.10.2020 (1 Day)
7		Emission Control Technology On Heavy Commercial Vehicle	Skyy Rider Institutions	01.09.2020 (1 Day)



8		Ev Battery Recycling Technology	Skyy Rider Institutions	14.10.2020 (1 Day)
09		Regenerative Braking System In Electrical Vehicle	Skyy Rider Institutions	09.09.2020 (1 Day)
10	R.S.Aravind Arun Kumar S R	Recent Trends In Electric Vehicle	M.Kumarasamy College Of Engineering, Karur	03.03.2020 (1 Day)

### 9. Internship training attended by the students

Sl. No	Name of the students	Year/Class	Name of the company	Date & Duration
1	Saran Sakkaravarthi S	Iv/Viii	Sathyabama Institute Of Science And Technology, Chennai	16/11/20 to 21/11/2020 (6 days)

### 10. Industrial Training Taken By The Students

Sl. No	Name of the students	Name of the company	Date & Duration
1	M.Tamilselvan,S.Vignesh A.Yajith Kumar K.Ulaganathan,S.Vignesh R.Veerathilagan C.Ananthakumar M.Vasanthakumar K.Sowmyan	Uniq Technologies, Chennai.	18/2/2020 to 22/02/2020 (5 days)
2	Prasath Rao R Santhosh Kumar S S.Pragadeshwaran	Infosys Headstart	24-28May2021 (9.15am to 12.45pm) (5 days)
3	Dhanabal B	Subavalar Industries Private Limited, Perundurai	01/09/2020 To 22/10/2020 (22 Days)

4	Abhinesh M	University Of Buffalo	31.09.2020 To 31.10.2020 (1 Month)
5	Abhinesh M	Autodesk	10.10.2020 1 Month

### 11. Journal publications by the faculty

S.No	Name of the faculty	Title of the Paper	Name of the Journal	Details
1	Dr.S.Navaneethakrishnan and P.Chokkalingam	Enhancement of Mechanical Properties of PFC by Chemically Modified Areca Fine Fibers	<u>Tierärztliche Praxis</u>	ISSN: 0303-6286 Vol 41, 2021
2	Dr.J.Balaji	Optimization of WEDM Parameters for Machining of AZ31B Mg Alloy Using Taguchi Method	IOP Conf. Series: Materials Science and Engineering	doi:10.1088/1757-899X/1013/1/012005
3	G.Dhayanithi	The lubricating properties of Graphene-NiO/Coconut oil hybrid nanofuids	Materials Today: Proceedings	<a href="https://doi.org/10.1016/j.matpr.2021.02.288">https://doi.org/10.1016/j.matpr.2021.02.288</a>
4	N.S. Mohan, S Manikandan	Analyzing the casting defects in small scale casting industry	Materials Today- Proceedings	<a href="https://doi.org/10.1016/j.matpr.2020.05.382">https://doi.org/10.1016/j.matpr.2020.05.382</a>
5	S Manikandan	The lubricating properties of Graphene-NiO/Coconut oil hybrid nanofuids	Materials Today- Proceedings	Volume 46 Issue 09 Pages 3851-3854
6	S Manikandan, N.S.Mohan	Experimental Investigation of Raw and Alkali Treated Areca Leaf Stalk and Sisal Fibres Reinforced Hybrid Polymer Composites	Wutan Huatan Jisuan Jishu	Volume 16 Pages 273-283

**12. FDPs /STTPs Attended by The faculty**

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1	Mr.A.Balakumaran	3D Printing & Design	ATAL – Online	7 days
		Non –Traditional Machining	NITTTR, Chennai	5 days
		Application of AI	NIT-CALICUT	6 days
		Internet of Things (IoT)	NIT-CALICUT	3 days
		Joining of Tubes using solid State Welding	CIET-Coimbatore	1 day
2	Mr.G.Dhayanithi	3D Printing & Design	ATAL – Online	7 days
		Non –Traditional Machining	NITTTR, Chennai	5 days
3	Mr.N.S.Mohan	3D Printing & Design	ATAL – Online	7 days
		Non –Traditional Machining	NITTTR, Chennai	5 days
		Novel Materials & its Industrial Applications	Karpagam College of Engineering	7 days
		Internal Combustion Engine – Basics	Alison - online	1 day
		Recent Developments in Surface Engineering, Advances in Welding Techniques, Latest Trends in Composite Materials, Know Your Industry, Art of Writing Research Articles	Excel Engineering College-Nammakal	5 days

4	Mr.D.Hariharashayee	Refrigerant's progression- Environmental concerns	QIS College of Engineering & Technology, Andhra Pradesh	5 days
		3D Printing & Design	ATAL – Online	7 days
		Non –Traditional Machining	NITTTR, Chennai	5 days
		Novel Materials & its Industrial Applications	Karpagam College of Engineering	7 days
		Recent Developments in Surface Engineering, Advances in Welding Techniques, Latest Trends in Composite Materials, Know Your Industry, Art of Writing Research Articles	Excel Engineering College- Nammakal	5 days
5	Mr.C.Chelladurai	Recent Developments in Surface Engineering, Advances in Welding Techniques, Latest Trends in Composite Materials, Know Your Industry, Art of Writing Research Articles	Excel Engineering College- Nammakal	5 days
6	Mr.P.Chokkalingam	Effective communication for Enhancing Teaching Learning Process	Narasu's Sarathy Institute of Technology, Salem	2 days
7	Dr.S.Navaneethakrish nan	Non –Traditional Machining	NITTTR, Chennai	5 days
8	Mr.C.Chelladurai, Mr.N.S.Mohan Mr.D.Hariharashayee	Industry 4.0	TATA Capability Development	1 day

9	Mr.C.Chelladurai Mr.N.S.Mohan Mr.D.Hariharashayee	Measuring Instruments	TATA Capability Development	1 day
10	Mr.N.S.Mohan	Industrial Water System	TATA Capability Development	1 day
12	Mr.N.S.Mohan	Primary Steel Making	TATA Capability Development	1 day
13	Mr.N.S.Mohan	Heat Treatment of Steel	TATA Capability Development	1 day
14	Mr.N.S.Mohan	Basic TQM	TATA Capability Development	1 day
15	Mr.D.Hariharashayee	Desulphurisation	TATA Capability Development	1 day
16	Mr.R.Srinivasa Moorthy	3D Printing & Design	ATAL – Online	7 days

### 13. Workshop attended by the faculty

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1	Mr.N.S.Mohan Mr.D.Hariharashayee Mr.A.Balakumaran Mr.S.Karthikeyan	Introduction to Additive Manufacturing	Skill Lync	1 day

### 14. NPTEL courses done by the faculty

Sl. No	Name of the faculty	Name of the Course	No of weeks	Rank
1	Dr M Pandian	Concepts of Thermodynamics	12	Elite
	Dr.S.Navaneethakrishnan	NBA Accreditation and Teaching - Learning in Engineering (NATE)	12	Completed

**15. STUDENTS ACTIVITY CORNER**

- **Mr.N.R.Navaneetha Krishnan** of final year Mechanical Engineering had participated in Technical Quiz (Mech Trivia) conducted by Sri Sairam Engineering College, Chennai on 28.10.2020 and secured **First Prize**.
- **Mr.S.Pragadeshwaran** of third year Mechanical Engineering had participated in National Level Online Quiz Competition conducted by Dhanalakshmi Srinivasan College of Engineering on 25.03.2021.
- **Mr.S.Pragadeshwaran & P Prasath Rao** of third year Mechanical Engineering had Virtual National Level Technical Symposium KRYPTO'2021 Competition conducted by K. Ramakrishna Engineering College, Trichy on 19.02.2021.

**16. Best outgoing student**



Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1	Navaneethakrishnan.N.R	Final Year	VIII/MECH	8.68	I

**17. Class wise toppers list**










Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1	Santhoshkumar.S	II YEAR	III/Mech	9.03	I
2	Santhoshkumar.S	II YEAR	IV/MECH	8.99	I
3	Venkatramana.R	III YEAR	V/MECH	8.8	I
4	Venkatramana.R	III YEAR	VI/MECH	8.1	I
5	Arunkumar .M	IV YEAR	VII/MECH A	8.1	I
6	Maboobbasha.M	IV YEAR	VIII / MECH A	8.16	I
7	N.R.Navaneethakrishnan	IV YEAR	VII/ MECH B	8.6	I
8	N.R.Navaneethakrishnan	IV YEAR	VIII / MECH B	8.68	I
9	Abdul Rahman.S	IV YEAR	VII/MECH C	7.9	I
10	Abdul Rahman.S	IV YEAR	VIII /MECH C	8.05	I




## 18. List of Students Placed







		
M.ARUNKUMAR (ES17ME07) TATA CONSULTANCY SERVICES(3.36 LPA) SHARDA MOTORS (1.8 LPA) NCR CORPORATION (1.62 LPA)	B.PRAVEEN (ES17ME93) TATA CONSULTANCY SERVICES (3.36 LPA)	N.R.NAVANEETHAKRISHNAN (ES17ME81) SOUTHERN PETROCHEMICAL INDUSTRIES CORPORATION LTD,(SPIC) EAST INDIA COMPANY (1.5 LPA) SHARDA MOTORS (1.8 LPA)
		
S.JAISANKAR (ES17ME49) TATA CONSULTANCY SERVICES (3.36 LPA)	S.BUVANESWARAN (ES17ME14) TATA CONSULTANCY SERVICES (3.36 LPA)	C.B.SANGAMESWARAN (ES17ME111) TATA CONSULTANCY SERVICES (3.36 LPA)
		
S.SATHISH (ES17ME120) TATA CONSULTANCY SERVICES (3.36 LPA) EAST INDIA TECHNOLOGY (1.5 LPA) LGB (1.77 LPA)	A.M.RAJASEKAR (ES17ME99) INFOSYS (3.6 LPA) EAST INDIA TECHNOLOGY 1.5LPA),	B.PRABU(ES17ME89) INFOSYS (3.6 LPA) KIML (1.7 LPA), FOCUS EDUMATICS (1.8 LPA)




		
N.GOVINDARAJ (ES17ME37) SHARDA MOTORS (1.8 LPA)	K.HARIHARAN (ES17ME42) SHARDA MOTORS (1.8 LPA)	P.JEEVA (ES17ME52) SHARDA MOTORS (1.8 LPA)
		
A.DEEPAK KUMAR (ES17ME16) NCR CORPORATION (1.62 LPA)	A.DHIVAGAR (ES17ME22) NCR (1.62 LPA) FOCUS EDUMATICS (1.8 LPA)	P.GOPINATH (ES17ME36) NCR CORPORATION (1.62 LPA)
		
R.GURUNISHANTH (ES17ME40) NCR CORPORATION (1.62 LPA)	B.HARIKRISHNAN (ES17ME43) NCR CORPORATIO (1.62 LPA) FOCUS EDUMATICS (1.8 LPA)	K.JAGADEESWARAN (ES17ME46) NCR CORPORATION (1.62 LPA) FOCUS EDUMATICS (1.8 LPA)




		
<b>K.KAVIRAJAN (ES17ME58)</b> <b>EAST INDIA COMPANY</b> <b>(1.5 LPA)</b>	<b>S.N.KOUSHICK RAJ</b> <b>(ES17ME59) NCR</b> <b>CORPORATION</b> <b>(1.62 LPA)</b>	<b>K.KAVINPRAKASH</b> <b>(ES17ME57) SHARDA</b> <b>MOTORS (1.8 LPA)</b>
		
<b>P.LOGESH (ES17ME62)</b> <b>SHARDA MOTORS</b> <b>(1.8 LPA)</b> <b>NCR (1.62 LPA)</b>	<b>M.MABOORBASHA</b> <b>(ES17ME63)</b> <b>SHARDA MOTORS</b> <b>(1.8 LPA)</b>	<b>M.GNANASEKAR (ES17ME28)</b> <b>SHARDA MOTORS (1.8 LPA)</b>
		
<b>M.GOKULKANNAN</b> <b>(ES17ME30)</b> <b>FOCUS EDUMATICS</b> <b>(1.8 LPA)</b>	<b>M.KALAISELVAN</b> <b>(ES17ME54)</b> <b>FOCUS EDUMATICS</b> <b>(1.8 LPA)</b>	<b>S.GUKHAN (ES17ME39)</b> <b>KIML (1.7 LPA)</b> <b>FOCUS EDUMATICS</b> <b>(1.8 LPA)</b>

		
<b>B.MOHANRAJ (ES17ME72)</b> NCR CORPORATION (1.62 LPA)	<b>B. ARUN</b> (ES17ME06) LGB (1.77 LPA)	<b>B.DHANAPAL (ES17ME19)</b> FOCUS EDUMATICS (1.8 LPA)

		
<b>M.JOTHIKUMAR (ES17ME53)</b> FOCUS EDUMATICS (1.8 LPA)	<b>S.DINESH (ES17ME25)</b> FOCUS EDUMATICS (1.8 LPA)	<b>S.PRABHAKARAN (ES17ME87)</b> KIML (1.7 LPA)
		
<b>K.PRABHU</b> (ES17ME88) KIML (1.7 LPA), FOCUS EDUMATICS (1.8 LPA)	<b>P.PRADHIP EAST</b> INDIA TECHNOLOGY (1.5 LPA), SHARDA MOTORS (1.8 LPA)	<b>P.MATHANKUMAR</b> (ES17ME65) NCR CORPORATION (1.62 LPA)

		
R.PRAVIN(ES17ME96) FOCUS EDUMATICS (1.8 LPA)	B.RAJAPANDI (ES17ME98) EAST INDIA TECHNOLOGY (1.5 LPA), NCR CORPORATION (1.62 LPA)	S.RATTINAMOORTHY (ES17ME105) SHARDA MOTORS (1.8 LPA), FOCUS EDUMATICS (1.8 LPA)

		
M.SANGAMESHWARAN (ES17ME110) KIML (1.7 LPA), FOCUS EDUMATICS (1.8 LPA) EAST INDIA TECHNOLOGY (1.5 LPA)	S.SANTHOSH KUMAR (ES17ME115) NCR CORPORATION (1.62 LPA) FOCUS EDUMATICS (1.8 LPA)	S.SARAN SAKKARAVARTHI (ES17ME117) NCR CORPORATION (1.62 LPA) LGB (1.77 LPA)
		
M RAVINDHARAN (ES17ME106) LGB (1.77 LPA)	V MOHAN KUMAR (ES17ME74) LGB (1.77 LPA)	R. RANJITH (ES17ME103) LGB (1.77 LPA)

		
M. RAMKUMAR (ES17ME102) LGB (1.77 LPA)	M. NAVEENKUMAR (ES17ME84) LGB (1.77 LPA)	T.SIVARAMAKRISHNAN (ES17ME123) KIML (1.7 LPA) FOCUS EDUMATICS (1.8 LPA)
		
T.SRIDHAR (ES17ME125)KIML (1.7 LPA)	M.SUDHERSAN (ES17ME127)KIML (1.7 LPA), FOCUS EDUMATICS (1.8 LPA)	R.SURYA PRAKASH (ES17ME129) FOCUS EDUMATICS (1.8 LPA) LGB (1.77 LPA)
		
M.TAMIL SELVAN (ES17ME130) FOCUS EDUMATICS (1.8 LPA), SHARDA MOTORS (1.8 LPA)	R.TAMILVANAN (ES17ME130) FOCUS EDUMATICS (1.8 LPA), EAST INDIA TECHNOLOGY (1.5 LPA), NCR CORPORATION (1.62 LPA)	K.ULAGANATHAN (ES17ME133) FOCUS EDUMATICS (1.8 LPA), NCR CORPORATION (1.62 LPA)

		
<p>R.VEERATHILAGAN (ES17ME138) SHARDA MOTORS (1.8 LPA)</p>	<p>S.VELMURUGAN (ES17ME139)FOCUS EDUMATICS (1.8 LPA), SHARDA MOTORS (1.8 LPA)</p>	<p>K.VENKATACHALA MOORTHI (ES17ME139) FOCUS EDUMATICS (1.8 LPA) LGB (1.77 LPA)</p>
		
<p>S.VIGNESH (ES17ME143)FOCUS EDUMATICS (1.8 LPA), SHARDA MOTORS (1.8 LPA)</p>	<p>S.VIGNESH (ES17ME144)NCR CORPORATION (1.62 LPA)</p>	<p>K.VIJAY (ES17ME146)FOCUS EDUMATICS (1.8 LPA), KIML (1.7 LPA)</p>
		
<p>P.VINESHMUTHU (ES17ME149)SHARDA MOTORS (1.8 LPA)</p>	<p>A.YAJITH KUMAR (ES17ME151)SHARDA MOTORS (1.8 LPA), FOCUS EDUMATICS(1.8 LPA), NCR CORPORATION (1.62 LPA)</p>	<p>S.ABDUL RAHMAN (ES17LME01)NCR CORPORATION (1.62 LPA)</p>






		
S.A.AFRIK HAMETH (ES17LME02) SHARDA MOTORS (1.8 LPA)	G.KIRUBAKARAN (ES17LME05)FOCUS EDUMATICS (1.8 LPA)	S.MANISH KUMAR (ES17LME06) SHARDA MOTORS (1.8 LPA)
		
S.VASANTHARAJAN (ES17LME10)NCR CORPORATION (1.62 LPA)	V.VIJAYARAJ (ES17LME12)NCR CORPORATION (1.62 LPA)	Anandhakumar.C Sakthi Auto Component Ltd. (1.50 LPA)
		
M. VASANTHAKUMAR (ES17ME135) LGB (1.77 LPA)	Sridhar Sakthi Auto Component Ltd. (1.50 LPA)	Vijith Kumar N Sakthi Auto Component Ltd. (1.50 LPA)

		
Mohanaaravindh G Sakthi Auto Component Ltd. (1.50 LPA)	Suresh A Sakthi Auto Component Ltd. (1.50 LPA)	Vignesh L Sakthi Auto Component Ltd. (1.50 LPA)
		
Kaviya N Sakthi Auto Component Ltd. (1.50 LPA)	Anbu P Sakthi Auto Component Ltd. (1.50 LPA)	Abilesh R Sakthi Auto Component Ltd. (1.50 LPA)
		
Ashok kumar J Sakthi Auto Component Ltd. (1.50 LPA)	Aswin S Sakthi Auto Component Ltd. (1.50 LPA)	Lakshmanan C Sakthi Auto Component Ltd. (1.50 LPA)

		
Venkadesan P Sakthi Auto Component Ltd. (1.50 LPA)	Manoj kumar D Sakthi Auto Component Ltd. (1.50 LPA)	Naveenkumar M Sakthi Auto Component Ltd. (1.50 LPA)
		
Sasitharan R Sakthi Auto Component Ltd. (1.50 LPA)	Satheesh G Sakthi Auto Component Ltd. (1.50 LPA)	Gukhan.S Brakes India Pvt Ltd., ( 1.65 LPA)
		
Aravindh R. Brakes India Pvt Ltd., ( 1.65 LPA)	Hariharan.B Brakes India Pvt Ltd., ( 1.65 LPA)	Indrajith R Brakes India Pvt Ltd., ( 1.65 LPA)












		
Jaganath V Brakes India Pvt Ltd., ( 1.65 LPA)	Elizabeth Rani.V Brakes India Pvt Ltd., ( 1.65 LPA)	Dinesh.V.G Brakes India Pvt Ltd., ( 1.65 LPA)









		
Vinothkumar C Brakes India Pvt Ltd., ( 1.65 LPA)	Vijay P Brakes India Pvt Ltd., ( 1.65 LPA)	Vignesh V Brakes India Pvt Ltd., ( 1.65 LPA)
		
Sowmiyan K Brakes India Pvt Ltd., ( 1.65 LPA)	Naveen P Brakes India Pvt Ltd., ( 1.65 LPA)	Sakthivel K Brakes India Pvt Ltd., ( 1.65 LPA)



		
Manikandan S Brakes India Pvt Ltd. ( 1.65 LPA)	Mohankumar N Brakes India Pvt Ltd,( 1.65 LPA)	Mohan Ram N C Brakes India Pvt Ltd.( 1.65 LPA)
		
Muthuvel K Brakes India Pvt Ltd., ( 1.65 LPA)	Aravindaraj.M L G Balakrishnan & Brothers (1.77 LPA)	Gowrisankar.T.G L G Balakrishnan & Brothers (1.77 LPA)
Samuel Raj I Brakes India Pvt Ltd., ( 1.65 LPA)	Sethuraman J Brakes India Pvt Ltd., ( 1.65 LPA)	Naveenkumar.D Brakes India Pvt Ltd., ( 1.65 LPA)

		
Dhasharathi.J L G Balakrishnan & Brothers (1.77 LPA)	Ganesh Ram.K L G Balakrishnan & Brothers (1.77 LPA)	Sanjeekumar A L G Balakrishnan & Brothers (1.77 LPA)

		
Gokul.P L G Balakrishnan & Brothers (1.77 LPA)	Gokulraaja.K L G Balakrishnan & Brothers (1.77 LPA)	Gopalakrishnan.D L G Balakrishnan & Brothers (1.77 LPA)
		
Manikandan V TCS (3.36 LPA)	Manoj N L G Balakrishnan & Brothers (1.77 LPA)	Mohanasundaram M L G Balakrishnan & Brothers (1.77 LPA)

		
Prasanth J L G Balakrishnan & Brothers (1.77 LPA)	Naveen kumar S L G Balakrishnan & Brothers (1.77 LPA)	Periyasamy P L G Balakrishnan & Brothers (1.77 LPA)
		
Prasanth M L G Balakrishnan & Brothers (1.77 LPA)	Rajaguru K L G Balakrishnan & Brothers (1.77 LPA)	Rathishkumar S L G Balakrishnan & Brothers (1.77 LPA)
		
Sudhakar T N L G Balakrishnan & Brothers (1.77 LPA)	Thasaras A L G Balakrishnan & Brothers (1.77 LPA)	

**19. Glimpses Of Event Organized by the Department**

	
<p>Guest lecture on “<b>Advanced Manufacturing Technology</b>”</p>	<p>Guest lecture on Job <b>Opportunities for Mechanical Engineers</b></p>

**DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**

## 1. Best Five Achievements of the Department

- Alumni of MCA working in top MNC Companies like IBM, Infosys, Wipro, TCS and CTS. They are continuously guiding the students to get placement in MNC companies.
- Dr. M.Thangavel, HoD / MCA received fund for three social welfare projects.
- Selvan. YUVAN SRI T. and Selvan, SIVA SUDARSAN S.R. of II Year MCA presented a paper titled “ Multi Model Bio Metric Intelligence System to improve face recognition” and secured third prize in the 3-day National-level Technical Symposium"YUKTAHA" organized by PSG Institute of Technology and Applied Research, Coimbatore held between 09.04.2021 to 11.04.2021.

## 2. Association Activities

- The Department of Computer Applications arranged a Leader’s Talk on “Opportunities in IT” on 21.08.2020. Mr. K. Manikandan, Software Engineer, Wipro Technologies, Chennai.
- The Department of Computer Applications arranged a Guest Lecture on “PHP and MYSQL” on 18.09.2020. Mr. K. Ravichandran, Tech Lead, Tata Consultancy Services, Chennai.
- The Department of Computer Applications arranged a Guest Lecture on “Block Chain Technology” on 03.10.2020. Mr. S. Palanisamy, Software Engineer, Infosys ltd., Chennai.
- The Department of Computer Applications arranged a Guest Lecture on “Challenges and Opportunities in IT” on 12.02.2021. Mr. Selakumar M.C.A., Software Engineer, Luisant Software Solutions, Coimbatore delivered in guest lecture.

- The Department of Computer Applications arranged a Leader’s Talk on “Internet of Things (IOT)” on 19.03.2021. Mr. S. Dineshkumar, Software Engineer, Zoho Corporations, Chennai.

### 3. Guest Lectures/Leaders Talk

- The Department of Computer Applications arranged a Leader’s Talk on “Opportunities in IT” on 21.08.2020. Mr. K. Manikandan, Software Engineer, Wipro Technologies, Chennai.
- The Department of Computer Applications arranged a Guest Lecture on “PHP and MYSQL” on 18.09.2020. Mr. K. Ravichandran, Tech Lead, Tata Consultancy Services, Chennai.
- The Department of Computer Applications arranged a Guest Lecture on “Block Chain Technology” on 03.10.2020. Mr. S. Palanisamy, Software Engineer, Infosys ltd., Chennai.
- The Department of Computer Applications arranged a Guest Lecture on “Challenges and Opportunities in IT” on 12.02.2021. Mr. Selakumar M.C.A., Software Engineer, Luisant Software Solutions, Coimbatore delivered in guest lecture.
- The Department of Computer Applications arranged a Leader’s Talk on “Internet of Things (IOT)” on 19.03.2021. Mr. S. Dineshkumar, Software Engineer, Zoho Corporations, Chennai.

### 4. Details of paper presented by the students

Sl. No	Name of the Student	Title	Venue	Date
1	Naveen Raj P	Cheating Resident Bandwidth Attacks in Cloud Computing	Sengunthar Engineering College, Thiruchengode.	20.03.2020
2	Chrislanciey C	Secure and Efficient Privacy Preserving Provable Possion in Cloud Storage	Sengunthar Engineering College, Thiruchengode.	20.03.2020



3	Siva Sudarsan S R	Privacy-Preserving Social Media Data Publishing For Personalized Ranking-Based Recommendation	Cheran College of Engineering, Karur.	26.02.2021
4	Sankari S	Active Cost Scheme for Service Providers Under Multi Server Cloud Environment	Cheran College of Engineering, Karur.	26.02.2021

### 5. Participation By Students In Seminar/National/ International Conferences

S. No.	Name of the Student	Title of the Conference/Seminar	Venue	Date
1	K Saravanan K K Gowthamraj III year MCA	NITE - (National Innovation And Tech Expo)	Kumaraguru College of Technology (KCT), Coimbatore	04.03.2020
2	M Soniya V P Gokulnath II year MCA	Techno Cultural Fest	Sona College of Technology, Salem	06.03.2020

### 6. Workshop attended by the Students

Sl. No	Name of the Student	Title of the Workshop	Venue	No of Days
1	Sowmiya K Soniya S II MCA	ICT to ICT	Roever Engineering College, Perambalur.	1 Day (1.05.2020)
2	NAVEENRAJ P PRAMOTH S OF II MCA	Scope of Artificial Intelligence and Machine Learning in Automation	Velalar College Of Engineering and Technology Erode.	5 Days (11.05.2020 to 15.05.2020)
3	PRASATH R RANJITH K OF II MCA	Social Network Analysis - Emerging Trends and Challenges	Knowledge Institute of Technology, Salem	5 Days (2.11.2020 to 7.11.2020)



**7. Internship Training Attended By The Students**

Sl. No	Name of the students	Year/Classes	Name of the company	Date & Duration
1	Gayathri K S Gayathri M Mohanapriya M Pommuraj P	III MCA	SAN Technologies, Erode	05.10.2020 to 10.10.2020 (06 Days)
2	Johnson V A Mahendran M Saravanan R Jenibar M	III MCA	MD Infotech, Erode	16.11.2020 to 21.11.2020 (06 Days)

**8. Journal publications by the faculty**

S.No	Name of the faculty	Title of the Paper	Name of the Journal	Details
1.	Dr. M. Thangavel	Context-based Feature Extraction Technique–LSI vs LDA	Journal of Data Mining and Knowledge Engineering	ISSN 0974 – 9683 Vol. 10, No.5, pp. 85-92, 2020.

**9. Publications by the faculty members in national/international conferences**

S. No.	Name of the faculty	Name of the Conference	Paper presented on (Topic)	Venue	Date
1	P. Natarajan, AP/MCA C.Senthilkumar AP/MCA	National Conference on Computing Communication Technology and Science “NCCCTS’20”	<a href="#">Applicability</a> of Big Data Techniques in Smart Home	Muthayammal College of Engineering, Rasipuram	06.03.2020
2	Dr. M. Thangavel, P/MCA A.Rajesh, AP/MCA	National Conference on Computing Communication Technology and Science “NCCCTS’20”	Knowledge based inference System for Bio-metrics using ANFIS Technology	Muthayammal College of Engineering, Rasipuram	06.03.2020

**10. FDPs /STTPs attended by the faculty**

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1	Dr. M. Thangavel	Social Network Analysis - Emerging Trends and Challenges	Knowledge Institute of Technology, Salem.	5 Days (2.11.2020 to 7.11.2020)
2	Dr. M. Thangavel	ICT to ICT	Roever Engineering College, Perambalur	1 Day (1.05.2020)
3	P. Natarajan	Social Network Analysis - Emerging Trends and Challenges	Knowledge Institute of Technology, Salem	5 Days (2.11.2020 to 7.11.2020)
4	P. Natarajan	Database Management System through INFYTQ platform	Infosys Limited, Mysore through online mode	5 Days (3.08.2020 to 7.08.2020)
5	P. Natarajan	Research Prospects and Promises of Deep Learning in Problem Solving	Nallamuthu Gounder Mahalingam College, Pollachi	4 Days (19.05.2020 to 22.05.2020)
6	P. Natarajan	Improving Your Research Visibility – Research Impact and Metrics	Velalar College Of Engineering and Technology, Erode.	3 Days (11.05.2020 to 13.05.2020)
7	C.Senthilkumar	Social Network Analysis - Emerging Trends and Challenges	Knowledge Institute of Technology, Salem	5 Days (2.11.2020 to 7.11.2020)
8	C. Senthilkumar	ICT to ICT	Roever Engineering College, Perambalur.	1 Day (1.05.2020)
9	C. Senthilkumar	Scope of Artificial Intelligence and Machine Learning in Automation	Velalar College Of Engineering and Technology Erode.	5 Days (11.05.2020 to 15.05.2020)

10	A. Rajesh	Social Network Analysis - Emerging Trends and Challenges	Knowledge Institute of Technology, Salem	5 Days (2.11.2020 to 7.11.2020)
11	A. Rajesh	ICT to ICT	Roever Engineering College, Perambalur.	1 Day (1.05.2020)
12	A. Rajesh	Scope of Artificial Intelligence and Machine Learning in Automation	Velalar College Of Engineering and Technology Erode.	5 Days (11.05.2020 to 15.05.2020)

### 11. Workshop attended by the faculty

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1	Dr. M. Thangavel	Scope of Artificial Intelligence and Machine Learning in Automation	Velalar College Of Engineering and Technology, Erode	5 Days (11.05.2020 to 15.05.2020)

### 12. Industrial training taken by the faculty

Sl. No	Name of the faculty	Name of the company	Date & Duration
1	P. Natarajan	Infosys Limited, Mysore through online mode	5 Days (3.08.2020 to 7.08.2020)







### 13. Best outgoing student

Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1	JOHNSON V A	III	VI/MCA	8.9	I

### 14. Class wise toppers list

Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1	Johnson V A	III	VI/MCA	8.9	I
2	Gayathri K S	III	VI/MCA	8.8	II
3	Sowmiya K	II	II / MCA	8.2	I
4	Chrislanciey C	II	II/MCA	8.0	II

**LIST OF STUDENTS PLACED**

		
System Administrator S.K. Associates, Tirupur	System Administrator Tush Retails Pvt. Ltd. Gobichettipalayam	System Administrator Jaheer Husain Consultant, Palladam
		
Customer Care Executive, Chemmanur Credits and Investment, Tirupur	Graphical Designer, Xtreme Graphics, Erode	System Administrator, Infratex, Perundurai.

**GLIMPSES OF EVENTS ORGANIZED BY MCA DEPARTMENT**

		
Work Shop on “Python Programming” Chief Guest: Mr. S. Sureshkumar, Software Engineer, CCube Technologies, Coimbatore.	National Level Students Technical Symposium CONGREGATE 2020	National Level Students Technical Symposium CONGREGATE 2020

**DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION****1. Best five achievements of the department**

- ✓ MBA student Ms.M.Dhisha have participated and won I Prize in JAVELIN THROW on “24th Annual Sports Day)” conducted at Erode Sengunthar Engineering College, Erode, on 12.3.2020.
- ✓ MBA Students Organized Trade Fair, Culturals & fun events for under graduate Arts & Science College in the college premises on 6.2.2020 and 7.2.2020 Er.M.Murugu Elan Thendral, Technical In charge for TamilNadu,ACC Ltd.,Coimbatore has inaugurated the function and delivered the chief guest address.
- ✓ Mr.V.Viswasam Jagan Samraj, Mr.M.Arraviind & Mr.K. Guna have completed the certificate course on “Tally (version 9.0 & ERP 9) by Sri Venkateswara Computer Education Centre from May 2020 to July 2020 & secured First Class.
- ✓ Mr.R.Deepak participated one week online short term course on “Global Strategies on Digital Marketing” at Annamalai University from 20.5.2020 to 26.5.2020.
- ✓ Dr.A.Ravisankar, AP/DoMS received fund for Gender Based Violence projects.

**2. Association activities**

- ✓ The Department of Management Studies arranged a Leader Talk on “Current trends & issues in corporate” on 07.03.2020. Mr. U. kathiresk Kumar, operation Executive, RO Plant, tamil Nadu delivered in special lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “Aptitude & Attitude Grooming” on 09.03.2020. Dr. N. Sankaran, Chief Mentor, Mr. Dharani Govindaraj, Chief Executive Officer, Core Aptitude Training Institution, Erode delivered in guest lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “Recent trends in Portfolio Management” on 16.03.2020. Mr. S. Nagarajan, Assistant Professor, School of management, Bannari Amman Institute of Technology, Erode delivered a guest lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “ALL ABOUT BANKING” on 24.08.2020. Auditor, JC.HGF.T.S.Mohana Harish, Strategic Financial consultant / Zone trainer delivered a special guest lecture.

- ✓ The Department of Management Studies arranged a Guest Lecture on “Customer Relationship” on 25.08.2020. Dr. VELUMANI (Certified Zone Trainer, JCI, University, USA) delivered a special guest lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “Office Management Skills” on 26.08.2020. JCI.SEN.B.Nayagan, Zone trainer, JCI Erode Jasmine delivered a special guest lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “Entrepreneurship” on 27.08.2020. JCI.SEN.Dheva Sengottuvelu, Zone trainer, JCI Erode, CEO- Nithiya Sungam Home Furnishing, Paramathi delivered a guest lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “Government Schemes” on 28.08.2020. JFP.L.Jagadeesh, Erode District Co ordinator, Zone 17, JCI India delivered a guest lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “GROOMING & ETIQUETTES” on 29.08.2020. JC.HGF. Pranav Pravin, Zone vice president, Region E, zone 17, JCI India delivered a special guest lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “Business Opportunity” on 31.08.2020. JC.P.Tamilarasan, centre director, Reach Academy delivered a special guest lecture.

### **3. Guest Lectures/Leaders talk**

- ✓ The Department of Management Studies arranged a Leader Talk on “Current trends & issues in corporate” on 07.03.2020. Mr. U. kathiresh Kumar, operation Executive, RO Plant, tamil Nadu delivered a special lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “Aptitude & Attitude Grooming” on 09.03.2020. Dr. N. Sankaran, Chief Mentor, Mr. Dharani Govindaraj, Chief Executive Officer, Core Aptitude Training Institution, Erode delivered a guest lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “Recent trends in Portfolio Management” on 16.03.2020. Mr. S. Nagarajan, Assistant

Professor, School of management, Bannari Amman Institute of Technology, Erode delivered a guest lecture.

- ✓ The Department of Management Studies arranged a Guest Lecture on “ALL ABOUT BANKING” on 24.08.2020. Auditor, JC.HGF.T.S.Mohana Harish, Strategic Financial consultant / Zone trainer delivered a special guest lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “Customer Relationship” on 25.08.2020. DU. VELUMANI (Certified Zone Trainer, JCI, University, USA) delivered a special guest lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “Office Management Skills” on 26.08.2020. JCI.SEN.B.Nayagan, Zone trainer, JCI Erode Jasmine delivered a special guest lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “Entrepreneurship” on 27.08.2020. JCI.SEN.Dheva Sengottuvelu, Zone trainer, JCI Erode, CEO- Nithiya Sungam Home Furnishing, Paramathi delivered a guest lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “Government Schemes” on 28.08.2020. JFP.L.Jagadeesh, Erode District Co ordinator, Zone 17, JCI India delivered a guest lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “GROOMING & ETIQUETTES” on 29.08.2020. JC.HGF. Pranav Pravin, Zone vice president, Region E, zone 17, JCI India delivered a special guest lecture.
- ✓ The Department of Management Studies arranged a Guest Lecture on “Business Opportunity” on 31.08.2020. JC.P.Tamilarasan, centre director, Reach Academy delivered a special guest lecture.

#### 4. Details of paper presented by the students

Sl. No	Name of the Student	Title	Venue	Date
1	S. Ramyadhevi	Masterclass on Statistics for Data Science	National Skill Development Corporation	13.7.2020

2	S. Priyadharshini	Masterclass on Statistics for Data Science	National Skill Development Corporation	13.7.2020
3	M. Arraviind	Investment Awareness and Related Topics	Adichunchanagiri Institute of Technology, Karnataka	25/07/2020
4	R. Naveen	Investment Awareness and Related Topics	Adichunchanagiri Institute of Technology, Karnataka	25/07/2020
5	S. Priyadharshini	Investment Awareness and Related Topics	Adichunchanagiri Institute of Technology, Karnataka	25/07/2020

#### 5. Participation by students in Seminar/National/ International conferences

S. No.	Name of the Student	Title of the Conference/Seminar	Venue	Date
1	M. Dhisha	Tamil Grammar Literature Skills	Krishna Arts & Science College, Krishnagiri	10.6.2020
2	M. Dhisha	National Level online Faculty Development Program on Role of Teacher in Students Employability	TER'S Academy College of Arts and Science	25.6.2020
3	M. Dhisha	National Level Webinar on "Expansion of cyber crime during Covid -19 & its remedies"	Madonna Arts & Science College, Madurai	3.7.2020
4	M. Dhisha	National Level Webinar on "Online Teaching Master class Program"	TER'S Academy College of Arts and Science	3.7.2020
5	S. Priyadharshini	National Webniar on "Strategy for Managing Personal finance including mutual Funds During & After Covid-19"	Govt. Degree College Uttersoo Kashmir,192201	22.8.2020
6	S. Priyadharshini	Webniar on "Investor Awareness Programme Including Mutual Funds During & After Covid-19"	Govt.Degree College Tral Kashmir,192123	24.8.2020



7	P. Sridhar	Webinar on “ Financial Planning for Young Investors”	Guruvayurappan Institute Of Management	3.10.2020
---	------------	--	--	-----------

### 6. Workshop Attended By The Students

Sl. No	Name of the Student	Title of the Workshop	Venue	No of Days
1	M.DHISHA	Online JOT on Implementation of GST in Tally	Manonmaniam Sundaranar University	10 Days (1.7.2020-10.7.2020)
2	S. Priyadharshini	International skill development Webinar on “ Innovation for Synthesis of skills Enhancement”	Nallamuthu Gounder Mahalingam College, Coimbatore	9 Days (3/8/2020 – 11.8.2020)
3	S. Priyadharsini	National Level Webinar on “INCOME TAX & E-FILING”	ST. CLARET COLLEGE, Bengaluru, Karnataka.	1 Day (18-08-2020)
4	S. Priyadharshini	National Webniar on “ Investor Awarness Programme Including Mutual Funds During & After Covid-19 “	Government Degree College D.H.Pora, Kulgam	1 Day (19.8.2020)

### 7. Extra-Curricular activities attended by the students:

Sl. No	Name of the Student	Title of the Activity	Venue	No of Days
1	Mr.K.Mahendhiran	Commerce connecce to E-quiz	Park’s College on	1 Day (6.3.2020)
2	R.Deepak	National Level Business Quiz on “ Entrepreneurship 2k20”	K.S.Rangasamy College of Arts & Science	1 Day 2.6.2020
3	P.Sridhar	COVID-19 Online Awareness Quiz	Hindusthan college of engineering and technology, Coimbatore	1 Day 5.5.2020

4	P.Sridhar	“Test Your Immunity on Fact Versus Fake News on Covid-19”	Sakthi Institute of Information And Management studies	1 Day 15.5.2020
5	Mr.K.Mahendhiran	National Level Business Quiz on “Entrepreneurship 2k20”	K.S.Rangasamy College of Arts & Science	1 Day 2.6.2020
6	M.DHISHA	National Level E-Quiz on Management	Madonna Arts & Science college, Madurai	1 Day 12.6.2020
		E- Quiz on ‘Principles of Management’	Gobi Arts & Science college	
		E- Quiz on ‘Research Methodology’	Gobi Arts & Science college	
7	M.Arraviind	Shutter speed Photography	Intstagram contest-Storie Theatre studios	1 Day 20.8.2020

### 8. Internship training attended by the students

Sl. No	Name of the students	Year/Class	Name of the company	Date & Duration
1	Mr.Mouli	I MBA	Ladder Survey Institute of Technology	19.8 2020 to 19.9.2020 (One Month)
2	Arif N	I MBA	Anthiyur andavar car scraping	One Month
3	Bhuvaneswari V	I MBA	V-gard company	One Month
4	Deepak R	I MBA	Hero moto crop	One Month

5	Guna K	I MBA	Ramco cement limited	One Month
6	Krishnan G	I MBA	Vivo mobiles limited	One Month
7	Kubervignesh K	I MBA	Kia motors india private limited	One Month
8	Rajeev M	I MBA	Tata icon and steel company (tisc)	One Month
9	Sridhar P	I MBA	Capgemini technology services india ltd	One Month

### 9. Journal publications by the faculty

S.No	Name of the faculty	Title of the Paper	Name of the Journal	Details
1.	Prof.D.Nidhyanth	A Study on Analyzing the Online Shopping Attitude of Earning couple in Western Tamilnadu	JUNI KHYAT JOURNAL	ISSN: 2278-4632 Vol.10, Issue.7, No.1, July 2020
2	Dr.K.T.Kalaiselvi	Factors lead to Consumer Satisfaction towards the purchase of White Goods	GEDRAG & ORGANISATIE REVIEW -	ISSN:0921-5077 Vol. 33 : ISSUE 03 – August 2020 Pp 953-962
3	Dr.A.Jafersadhiq	“Service Quality Management in Technology Driven Organization - An Empirical Study in Chennai City”	Mukt Shabd Journal,	ISSN: 2347- 3150, Volume-9 Issue-4, April 2020 Page No.3258-3268.

4	Dr.A.Jafersadhiq	“A Study on SWOT Analysis of Digital Marketing in India”	Alochana Chakra Journal	ISSN: 2231-3990, Volume-4 Issue-9, April 2020
5	Dr.A.Jafersadhiq	Service Quality Management in Technology Driven Organization - An Empirical Study in Chennai City	Mukt Shabd Journal,	ISSN: 2347- 3150, Volume-9 Issue-4, April 2020 Page No.3258-3268. <b>UGC listed</b>
6	Dr.A.Jafersadhiq	“A Study on SWOT Analysis of Digital Marketing in India”	Alochana Chakra Journal	ISSN: 2231-3990, Volume-4 Issue-9, April 2020 <b>UGC listed</b>

#### 10. Publications by the faculty members in national/international conferences

S. No.	Name of the faculty	Name of the Conference	Paper presented on (Topic)	Venue	Date
1	D.Nidhyananth, ASP	International Conference on “Emerging Trends and Challenges In Modern Business Management ICETCMBM 2020)”	“ A Study on Economic crisis and growth of Indian Economy”	Kaamadhenu Arts And Science College, Sathyamangalam, Erode	26.2.2020
2	Dr.S.Kalaivani, Ap	International Conference on “Emerging Trends and Challenges In Modern Business Management ICETCMBM 2020)”	“A Study on Job enrichment and Individual performance among faculties with special reference to a private universities”.	Kaamadhenu Arts And Science College, Sathyamangalam, Erode	26.2.2020
3	Prof.Dr.K.T. Kalaiselvi	International Conference on “Emerging Trends and Challenges In Modern Business Management	“A Study on Job enrichment and Individual performance among faculties	Kaamadhenu Arts And Science College, Sathyamangalam,	26.2.2020

		ICETCMBM 2020)”	with special reference to a private universities”.	Erode	
4	Dr.A.RAVISA NKAR, Ap	International Conference on “Emerging Trends and Challenges In Modern Business Management ICETCMBM 2020)”	“A Study on Digital payment in rural India”.	Kaamadhenu Arts And Science College, Sathyamangalam, Erode	26.2.2020
5	Dr.A.JAFERS ADHIQ, Ap	International Conference on “Emerging Trends and Challenges In Modern Business Management ICETCMBM 2020)”	“A Study on FMCG Growth in consumer sector”.	Kaamadhenu Arts And Science College, Sathyamangalam, Erode	26.2.2020

### 11. FDPs /STTPs attended by the faculty

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1	Dr.A.Jafersadhiq	Personality DEVELOPMENT Programme	Vivekanandha college of Arts and Science	17.4.2020 to 18.4.2020.
2	Dr.K.T.Kalaiselvi	one week Online Faculty Development Programme On Entrepreneurship: Research, Critical Thinking And Innovation	Indian Academic Researchers Association	22.4.2020 to 28.4.2020.
3	Dr.R.Ravisankar	one day Online Lecture on “Transforming Learning Ecosystem”	SRM IST Ramapuram Campus	24.4.2020
4	Dr.R.Ravisankar	short Term Training Programme 15- Innovation, Incubation, Intrapreneur, Invention & Intellectual Property	S.A.College of Arts & Science	26.4.2020 to 09.05.2020.

5	Dr.K.T.Kalaiselvi	FDP through Online mode on "Teaching, Learning and Research in Higher Education: A Covid-19 Response"	P.K.R.Arts college For Women	04.5.2020 to 09.05.2020.
6	Mr.D.Nidhyanth	seven-day National Level online faculty Faculty Development Programme on "A Paradigm Shift in social sciences research"	Periyar University PG Extension centre, Dharmapuri	27.7.2020-02.08.2020.
7	Dr.K.T.Kalaiselvi	seven-day National Level online faculty Faculty Development Programme on "A Paradigm Shift in social sciences research"	Periyar University PG Extension centre, Dharmapuri	27.7.2020-02.08.2020.

### 12. Participation by faculty in Seminar/National/international/International conferences

S. No.	Name of faculty	Title of the Conference/Seminar	Venue	Date
1	Dr.A.Ravisankar	Online Webinar on "How to Conduct Online Class to Students"	Atal Incubation Centre-Pondicherry Engineering College	8.4.2020
2	Dr.A.Jafersadhiq	Webinar on "Strategy for Enhancing Article Citation and H Index"	True Analyst Research, Erode	13.4.2020
3	Dr.A.Jafersadhiq	Webinar on "An effective Research paper Writing skills"	Bhagwan Mahavir University, Surat	13.4.2020 to 16.4.2020
4	Dr.A.Ravisankar	National Level Webniar on "NAAC Assessment and accreditation"	Kishinchand Chellaram college , Mumbai	21.4.2020 - 25.4.2020
5	Dr.A.Jafersadhiq	National Level Webniar on "social Responsibility of Educationist in covid-19"	SRM Institute of Science and Technology	22.4.2020

6	Dr.A.Ravisankar	“Research outcomes: technical paper writing, research proposal, patent filing	Data Teach.ai	22.4.2020
7	Dr.S.Kalaivani	webinar on “ An overview of curriculum Design-PEOs, Pos and Cos”	KAAMADHENU ARTS and SCIENCE COLLEGE, ERODE	25.04.2020
8	Dr.A.Jafersadhiq	Webniar on “Hands ON-Tally ERP 9Reports and Returns	SRM Institute of Science and Technology	27.4.2020
9	Dr.A.Ravisankar	3 days Online Course on “ Art of Professional Writing”	Mahendra Institute of Technology	30.4.2020 to 02.5.2020
10	Dr.A.Ravisankar	webinar on “ Solar Panel System for your Home”	Tagore Engineering college	2.5.2020
11	Dr.A.Ravisankar	webinar on “Art of Achieving Teaching Excellence in Digital Era”	Sakthi Institute of Information and Management Studies, pollachi	4.5.2020
12	Dr.A.Ravisankar	National Level webinar on ”Joy Of Orderly Living”	Kaamadhenu Arts And Science College, Erode	5.5.2020
13	Dr.A.Ravisankar	webinar on “Core competencies for teachers”	Arasu college of Education for Women, Ponkalamman college of Education, Karur	6.5.2020
14	Dr.A.Ravisankar	webinar on “Kachchh Tourism and Culture: Opportunities and Challenges”	Krantiguru Shyamji Krishna Verma Kachchh University, Bhuj-Kachchh	18.5.2020
15	Dr.A.Ravisankar	webinar on “ Use of online resources in teaching – learning process”	UKa Tarsadia University, Gujarat	20.5.2020

16	Dr.S.Kalaivani	two days National Level online colloquium on “MIGRANTS LABOURS AND SOCIAL SECURITY MEASURES IN INDIA” and” INTER PERSONAL SKILLS”	Mass college of Arts and Science, Kumbakonam	29.5.2020 - 30.5.2020
17	Dr.A.Ravisankar	4 days Online workshop on “ Structural Equation Modeling (SEM) using AMOS”	St. Joseph’s College ( Autonomous), Bangalore	5.8.2020 to 8.8.2020
18	Dr.A.Ravisankar	“virtual conclave”	Elets Technomedia and Digital Learning Magazine	28.8.2020

### 13. Class wise toppers list

Sl. No	Name of the student	YEAR	Semester/ Branch	CGPA	RANK
1	S.Gausaladevi	II	IV / MBA	8	I
2	S.Birndha	II	IV / MBA	7.90	II
3	S.Priyadarsini	I	II / MBA	8.85	I
4	S.Ramyadhevi	I	II / MBA	8.65	II
5	Arravind	I	II / MBA	8.65	II



**LIST OF STUDENTS PLACED**

	
PO, Muthoot Finance, Erode	HR Assit., TVS, Hosur

**GLIMPSES OF EVENT ORGANIZED BY MBA DEPARTMENT**

		
Organized Trade Fair, Culturals & fun events for under graduate Arts & Science College in the college	Organized Trade Fair, Culturals & fun events for under graduate Arts & Science College in the college	Dr.A.JAFERSADHIQ co coordinator of placement, conducted placement drive for MBA students “Muthoot Fincorp, Erode
		
Prof. Dr.K.T.Kalaiselvi ,delivered a Guest Lecture on Strategies for Business Organization for II MBA Students in Bharathiyar University	Leader’s talk about Human Resource Principles & practices, Current trends	Board Studies Meeting

### PLACEMENT DETAILS

#### 1. Best achievements of the department

- 570+ students placed in top companies through Campus Drive in the Academic Year 2020 - 2021
- 40+ Student Placed in Top Companies with the Salary package between 6 – 3 LPA.
- 360° training to the students to fulfill the expectations of the Company during campus recruitment.

#### • LIST OF RECRUITERS VISITED FOR THE YEAR 2020 – 2021.

S.No.	IT Company/ Circuit Branches	S.No.	Core Company
1	EXPLEO GROUP	1	TESSOLVE SEMICONDUCTOR
2	PLINTRON	2	YAMAHA MUSIC
3	BYJUS	3	RISING STARS INDIA PVT LTD.
4	IMAGE INFOTECH PVT LTD.	4	VISAL TURBOTECH PVT. LTD.,
5	FLEX INTERNATIONAL	5	SPIC,TUTICORIN
6	AMPHISOFT TECHNOLOGIES	6	SHARDA MOTORS,CHENNAI
7	TATA CONSULTANCY SERVICES,CHENNAI.	7	KIML PVT. LTD.,CHENNAI
8	CALIBRIANT TECHNOLOGIES,CHENNAI.	8	NCR CORP. INDIA PVT.LTD.,CHENNAI
9	ASPIRE SYSTEMS,CHENNAI.	9	FOCUS EDUMATICS,COIMBATORE
10	WEBBERAX,CHENNAI	10	EAST INDIA TECHNOLOGY,BANGALORE
11	GENOME INFOTECH,	11	VOLTECH,CHENNAI
12	SISMICO SOFT TECH AND EDU	12	AXIS GLOBAL AUTOMATION,COIMBATORE
13	DOUBLE STAR	13	SS GROUP OF
14	L-CUBE INNOVATIVE SOLUTIONS,CHENNAI	14	LAKSHMI CONSTRUCTIONS,ERODE
15	NET LINK,CHENNAI	15	RAMMALA BULIDERS,TIRUPUR
16	ULTRAMAIN,COIMBATORE	16	SRI JAISHANTH AUTOMATION,COIMBATORE
17	ANNAM SOFTWARE PVT.LTD	17	ALPHA
18	ACCENTURE,CHENNAI	18	BANNAR
19	CSS CROP,CHENNAI	19	ECO FRIENDLY,BANGALORE

20	INFOSYS,CHENNAI.	20	H K WENTWORTH INDIA PVT.LTD,BANGALORE
21	DRAUP	21	TUTICORIN ALKALI AND
22	SRM	22	AEROSTAR SURVEYING
23	COGNIZANT TECHNOLOGY	23	RPP CONSTRUCTIONS
24	CAPEGEMINI,BANGALORE.	24	WEG INDUSTRIES,HOSUR
25	STERLING SOFTWARE,CHENNAI	25	DIVIS LABOARTORY,HYDERBAD
26	HCL	26	S.V CHEMICALS,CHENNAI.
27	WIPRO,CHENNAI	27	GLOBAL CALCIUM,HOSUR
28	KANINI SOFTWARE,CHENNAI	28	GDC PAPER MILL,PALANI
29	NALLAS SOFTWARE	29	BANNARI AMMAN SUGARS.KARNATAKA
30	DATAZOIC	30	SYRMA TECHNOLOGIES.CHENNAI
31	DHYAN NETWORKS & TECHNOLOGIES .CHENNAI	31	LGB,COIMBATORE
32	DATA PATTERNS,CHENNAI	32	HEALTHPLIX TECHNOLOGIES,BANGALORE
33	SANKEY SOLUTIONS,HYDERBAD	33	FACE ACADEMY,COIMBATORE.
34	NEEYAMO ENTERPRISE SOLUTIONS,MADURAI	34	SANMAR GROUP CHENNAI.
35	EXPOSYS,CHENNAI.	35	AARBEE STRUCTURES,COIMBATORE.
36	NU TECHNOLOGIES,CHENNAI.	36	KPMG GLOBAL SERVICES,BANGALORE.
37	KAROMI TECHNOLOY,CHENNAI	37	MAESTRO STEEL DETAILING,CHENNAI
38	QUADRA SYSTEMS COIMBATORE.	38	ANJAN DRUGS,CHENNAI
39	MAVENTIC INNOVATIVE SOLUTIONS,BANGALORE.	39	BRAKES INDIA,CHENNAI

**Training details for the year 2020-2021**

S.No	Academic Year	Date	Department	Internal / External Trainer	Training Details
1	2020 – 2021	17.4.2021 to 23.4.2021	Final Year Shortlisted students (CSE,ECE, CHEM & MECH)	Internal	Zoho training on Essay writing and speaking skills has been conducted by Placement Trainer and English department faculty members.
2		17.4.2021 to 23.4.2021	Infosys round II selected students (CSE,ECE,EEE ,EIE & MECH)	Internal	Training on Technical and self Introduction - Infosys Pattern by Placement Trainers.
3	2020 – 2021	23.12.2020 to 23.1.2021	Infytq Training for Pre-final year Students	Internal	Infytq syllabus based specific training has been conducted by Placement Technical Trainers, CSE and MCA department faculty members.

4	2020 - 2021	28.12.2020 to 11.1.2021	Wipro Online Training for Final Year Students	External	Training on Aptitude, Logical Reasoning and Technical areas based on Wipro Pattern by Six Phrase Training Resource.
5		23.12.2020 to 26.12.2020	Wipro Online Training for Final Year Students	Internal	Wipro recruitment based Essay Writing and E-mail writing training has been given by Placement Trainer and English department faculty members.
6		26.11.2019 to 5.12.2020	TCS Mock Interview – Shortlisted Students from First round	Internal	Mock Interview has been conducted by Placement Trainers on Technical and HR Interview Questions.

7		11.11.2020 to 20.11.2020	Tech Mahindra training for Final Year Students	Internal	Tech Mahindra Company Specific Training by Placement Trainers on Aptitude, Verbal, Essay Writing and Technical.
8		12.8.2020 to 11.10.2020	TCS Online Training for Final Year Students	External	Training on Aptitude, Logical Reasoning and Technical areas based on TCS Pattern by Six Phrase Training Resource.

## 2. FDPs /STTPs Attended By The Faculty

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1	SUBITHA.S	Advanced Networking Technology	Online	3
2	SUBITHA.S	Data Science –AICTE ATAL Academy	Online	5
3	SUBITHA.S	Deep Learning Techniques –A Practical Perspective	Online	6
4	SUBITHA.S	Open Source Tools Cyber Security	Online	2

5	SUBITHA.S	Developing Potentials in Emerging Technologies	Online	5
6	DEEPALAKSHMI.P	Advanced Networking Technology	Online	3
7	DEEPALAKSHMI.P	Data Science –AICTE ATAL Academy	Online	5
8	DEEPALAKSHMI.P	Deep Learning Techniques –A Practical Perspective	Online	6
9	DEEPALAKSHMI.P	Open Source Tools Cyber Security	Online	2
10	DEEPALAKSHMI.P	Developing Potentials in Emerging Technologies	Online	5

3. Workshop attended by the faculty ONLINE and OFFLINE

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1	SUBITHA.S	“Cognitive Blooms Level Taxonomy in Exam paper Assessment”	Online	1
2	SUBITHA.S	“Personal Quality-It’s Your Personality”	Online	1
3	SUBITHA.S	“Quality Standards in Teaching ,Learning and Evaluation through IQAC”	Online	1

4	SUBITHA.S	“Prospective use of Robotic Technologies and Asset Management”	Online	1
5	SUBITHA.S	Overcoming Barriers to Effective Communication	Online	1
6	DEEPALAKSHMI.P	“Cognitive Blooms Level Texanomy in Exam paper Assessment”	Online	1
7	DEEPALAKSHMI.P	“Personal Quality-It’s Your Personality”	Online	1
8	DEEPALAKSHMI.P	“Quality Standards in Teaching ,Learning and Evaluation through IQAC”	Online	1
9	DEEPALAKSHMI.P	“Prospective use of Robotic Technologies and Asset Management”	Online	1
10	DEEPALAKSHMI.P	Overcoming Barriers to Effective Communication	Online	1



**GLIMPSES OF EVENT ORGANIZED BY PLACEMENT**



Aspire System, Chennai – On Campus Drive



Calibrant, Chennai - On Campus Drive



Focus Edumatics On Campus Drive



Calibrant Placed Students 20-21 Batch



Sharda Motors On Campus Drive



KIML On Campus Drive

## Institute Innovation Council

### Activity in 2020-2021

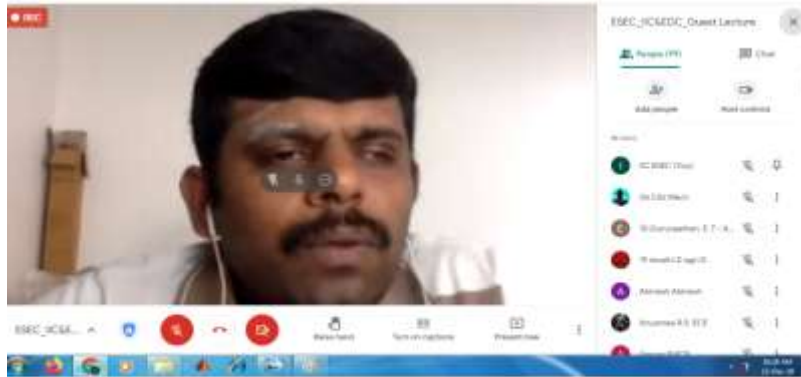
The first meeting of Institute Innovation Council for the academic year 2020 – 21 was convened on 13<sup>th</sup> October 2020 through Google-meet under the presence of all the student and staff members. President Dr. V. Venkatachalam discussed about the needs and importance's of the IIC in the institutions and discusses the action plan for the academic year.



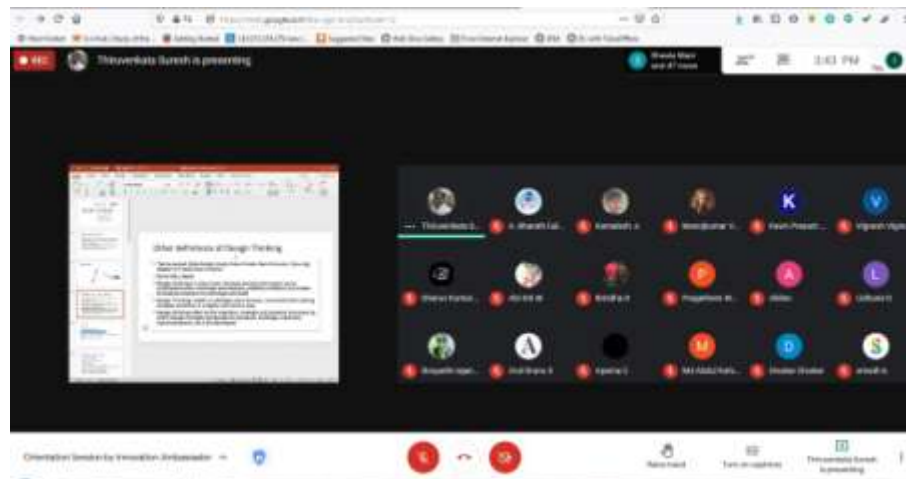
Workshop on “Entrepreneurship and Innovation as Career Opportunity” was conducted on 06th November 2020 at 03.30 p.m. through Google meet for students. Dr. M. P. Thiruvenkatasuresh, Professor Department of CSE, deliver the speech by on career opportunity for innovators in various fields. The session was more informative and effective



My Story - Motivational Session by Successful Innovators was delivered by Mr. Kannan Ayyamuthu CEO, Kannan Mavu Mill, and Co-founder of Fresh & Fresh by students, faculty and entrepreneurs on 12 December 2020 at 10.00 a.m. He discussed the challenges and opportunities in startup business



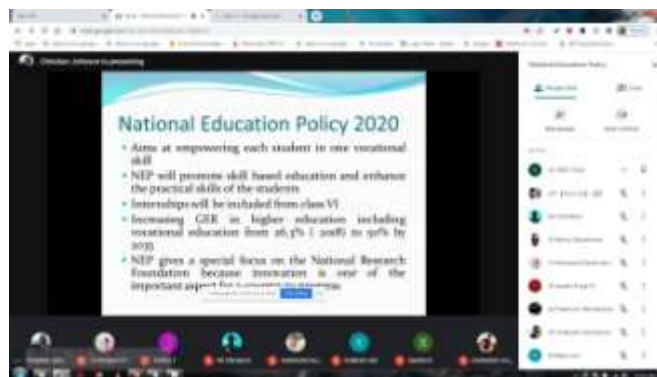
My Story - Motivational Session by Successful Entrepreneur/Startup founder was handled by Dr. M. P. Thiruvenkatasuresh, Professor, Department of CSE, for the Students and faculty members of various institutions on 13th November 2020 at 03.30 p.m. The session was more interactive.



Session on Problem Solving and Ideation Workshop by Dr. T. S. Senthil, Dean R& D on 27th November 2020 at 03.30 p.m. The session was more informative and the interactive. Students and faculties were presented.

Pitching workshop & linkage of innovators with Innovation Ambassadors was handled by Dr. S. Karthick Prof / ECE on 4th December 2020 at 2.00 p.m. Students actively participated.

Orientation Session on National Education Policy (with a focus on Innovation and entrepreneurship) was handled by Dr. S. Christian Johnson, Director (Academics), Erode Sengunthar Engineering College, Perundurai on 18 December 2020 at 11.00 a.m. He gave clear ideas about the NEP and the objective of the policy.



### **Semester Break : Internship at startup**

The third IIC Council Meeting- Review of Q2 progress and Planning for Q3 was conducted through Google-meet under the presence of all the student and staff members President Dr. V. Venkatachalam discussed the action plan on 30.04.2021. All the members were presented.

Session on “How to plan for Start-up and legal & Ethical Steps” was handled by Dr. M.N. Saravana Kumar, Assistant Professor, Department of EIE On 20th March 2021 at 03.30 p.m. through Google meet.

Workshop on Intellectual Property Rights (IPRs) and IP management for startup on Dr. T. S. Senthil, Director - Research and Development handled the session in very efficient way of teaching through Google meet on 17th April 2021 at 11.00 a.m.

Orientation session for all students & faculties of Institute by Innovation Ambassador(s) by Dr. M. P. Thiruvenkatasuresh, IIC Innovation Ambassador. He motivated the faculties to attend the innovation ambassador training and explained the benefits of IA training on 15th May 2021 at 03.30 p.m.

Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs by Dr. G. S. Satheesh Kumar, Assistant Professor, Department of ECE. He provided more details about IP filling and need of patent on 11<sup>th</sup> June 2021 at 03.30 p.m.

Session on Building an Innovation/ product fit for market was conducted by Dr. V. Thamizharasan, Associate Professor through google meet on 26<sup>th</sup> June 2021 at 03.30 p.m.

## FINE ARTS CLUB ACTIVITIES




PRIZE WINNERS OF FINE ARTS CLUB ACTIVITIES 2021

S. No	Date of the event	Name of event	Name of the student	Department	Prize
1	11.10.21	Quiz competition	G. Ravina	I AI&DS	I
2			T.Dharun	I AI&DS	I
3			D.Ilamathi	I CSE	II
4			G Saumya	I AI&DS	
5			C Mohana	I ECE	III
6	29.09.20 21	Virtual Tamil Speech Competition	Sneha.S	I AI&DS	I
7			Sibi Rani.S	I AI&DS	II
8			Kavimalar.S	I IT	III
9		Virtual English Speech Competition	Kavya	I Agri	I
10			Sri siva	I AI&DS	II
11			Pooja roshini	I AI&DS	III
12	24.09.20 21	Drawing Competition for II,III,IV year students	B. Karthikeyan	II BME	I
13			S. Harini	II Chem	II
14			J.Naganiranjana	III ECE	III
15			S.Sudharsan	II AI&DS	I
16			K.Ramya Gowri	III ECE	II
17			S.Santhosh kumar	III Mech	I
18			M.Karthiga	III IT	II
19			Hariharasudhan	II BME	III
20			S S M Nisha sri	II BME	I
21			K.Surya prakash,	III CSE B	IV
22	17.09.21	Online Drawing competition for I year students	Srikanth	I AI&DS	I
23			Hemavarshini	I IT	I
24			Kavimalar.s	I IT	II
25			P Suvathi	I ECE	III
26			Fathima jasmine	I AI&DS	I
27			Dharshini. S	I IT	II
28			M. Sathishkumar	I CHEM	III
29			S.Monieesh	I AI&DS	I
30			Abishek Shankar	I AI &DS	II
31			Britto	I Chemical	III
32			T. Immanuel ,	I CSE A	I

### Fine Arts Club

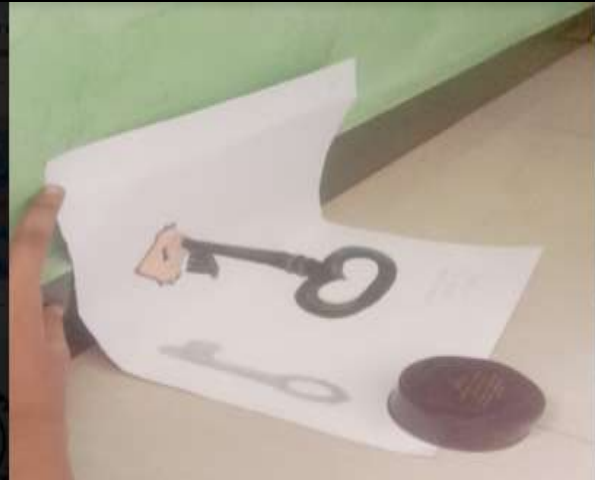
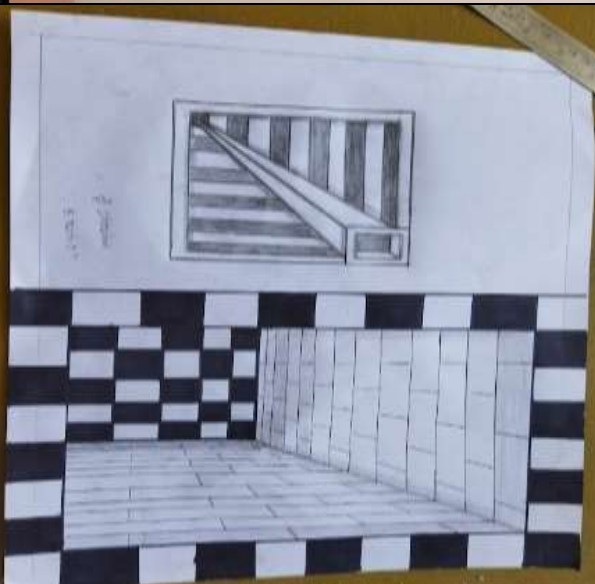
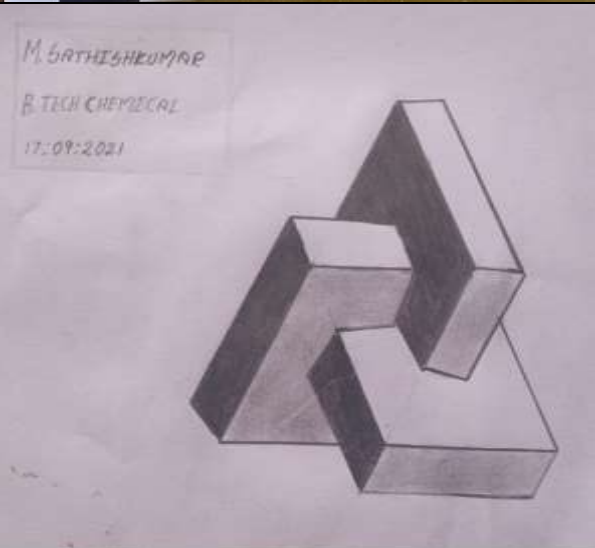
Prize winners for the Drawing competition conducted on 17.09.21.

#### 1. Mandala drawing

<p><b>First Prize</b></p>		<p><b>Hemavarshini I IT</b></p>
<p><b>Second Place</b></p>		<p><b>Kavimalar.s I IT</b></p>
<p><b>Third Prize</b></p>		<p><b>PSuvathi I ECE</b></p>






**2. Anamorphic drawing**

<b>First Prize</b>	 A hand holds a white piece of paper with a drawing of a key. The drawing is anamorphic, appearing distorted and stretched. A circular object, possibly a coin, is placed next to the drawing for scale.	<b>Fathima jasmine</b> <b>I AI&amp;DS</b>
<b>Second Place</b>	 A drawing of a room with a checkered floor and walls. The drawing is anamorphic, appearing distorted and stretched. A window with vertical bars is visible in the background.	<b>Dharshini. S</b> <b>I IT</b>
<b>Third Prize</b>	 A drawing of a cube, appearing distorted and stretched. The drawing is anamorphic. A small label in the top left corner reads: M. SATHISHKUMAR, B. TECH CHEMICAL, 17-09-2021.	<b>M. Sathishkumar</b> <b>I CHEMICAL</b>



**3. Geometric Drawing**

<p><b>First Prize</b></p>		<p><b>S.Monicesh I AI&amp;DS</b></p>
<p><b>Second Place</b></p>		<p><b>ABISHEK SHANKAR I AI &amp; DS</b></p>
<p><b>Third Prize</b></p>		<p><b>Britto I Chemical</b></p>

**4.Pointillism drawing, S.Immanuel , I CSE A**



**Outstanding Performance, SRIKANTH, I AI&DS**



**RESEARCH AND DEVELOPMENT****1. Funded Projects**

S.No	Department	Details of funding Proposals	Funding agency	Amount	Co-ordinator (s) / Principal Investigator (s)
1.	ECE	MODROBS - Modernization of Communication Lab	AICTE	1313725	Dr.R.Kalaivani, Prof/ECE
2.	Mechanical	STTP - A Short Term Training Program on '3D PrintingTechnology - A means for ModernManufacturing'	AICTE	295667	Dr.M.Pandian, HoD/Mech
3.	CSE	ATAL FDP	AICTE	93,000	Dr.G.Saravanan
4.	EEE	STTP	AICTE	3,33,333	Dr.M.Shyamalagowri
5.	All Departments	PMKVY	AICTE	19,49,360	All Departments
<b>Total Amount</b>				<b>39,85,085.00</b>	

**2. New Project Proposals submitted in 2020-21**

S.No	Department	Name of funding agency	Title of proposal	Amount (in Rs.)	Co-ordinator (s)
1	MBA	TNSCST	Road accident, Safety and People awareness on Traffic Rules - A Critical Study	10,000	Dr.A.Ravisankar
2	MBA	TNSCST	A research on investment behavior or corporate and individual investors in Southern India	10,000	Dr.K.T.Kalaiselvi
3	MBA	TNSCST	Impact of GST on the Fast-Moving Consumer Goods sector in India	10,000	Dr.K.T.Kalaiselvi
4	MBA	TNSCST	Comparative Study and Analysis Of NPA (Non-	10,000	Dr.K.T.Kalaiselvi

			Performing Asset) In Indian Banks and Financial Institutions		
5	MBA	TNSCST	A Study on Violence against Women at Erode	10,000	Dr.S.Kalaivani
6	MBA	TNSCST	A Research on Impact of COVID 19 on Small Scale Industries in Erode Dt.	10,000	Dr.S.Kalaivani
7	MBA	TNSCST	A Study on Difficulties Faced by Students on Virtual Learning in Erode Dt.	10,000	Dr.S.Kalaivani
8	MBA	ICSSR, New Delhi. Under the scheme COVID-19, Coronavirus Pandemic	Covid-19 Outbreak And Its Impact On Socio Economic Status Of Retained Migrated Workers Of Garment Industries In Tirupur	5,50,000	Dr.K.T.Kalaiselvi
9	ECE	AICTE	Design and Development of machine learning based vehicular MIMO VLC system with imaging receivers employing spatial multiplexing & spatial diversity to enhance Road safety in Smart cities	2468914	Dr.R.Kalaivani, S.Poornima
10	ECE	AICTE	IIC, SPICES	1,00,000	Dr G.S. SatheeshKumar
11	ECE	TNSCST	Economic Empowerment of rural & Tribal women through Nutrition Gardens / Natural plate & Cup making ,Market integration & Awareness of health care Practices –Corona	50.000	Dr.R.Kalaivani, M.Ramya
12	ECE	TNSCST	Smart, Precision and Automatic Farming (Agriculture) through Modern ICT (Information and Communication Technologies)	50.000	Dr.S.Karthick, V.Thamizharasan
13	ECE	TNSCST	Manufacturing of Vitamin Rich Natural Soap and Shampoo using Goat milk to Improve Economical Status of Goat Farmers in Rural Area	50.000	Dr.V.Premchandran,M.Karthickkumar
14	ECE	SERB	Remote sensing of forest zone to identify high chance of forest	46,05,000	Dr.V.Premchandran,M.Karthickkumar

			fire using methane gas pattern recognition		mar
15	ECE	SERB	Artificial Intelligence(AI) applications for pandemic covid19	70,000	Dr.V.Premchandran,M.Karthickkumar
16	ECE	TNSCST	Student Project Scheme	10000	Dr.V.Premchandran
17	ECE	TNSCST	Student Project Scheme	10000	Dr.V.Premchandran
18	ECE	TNSCST	Student Project Scheme	10000	Dr.R.Kalaivani
19	ECE	TNSCST	Student Project Scheme	10000	G.Lingeswaran
20	ECE	TNSCST	Student Project Scheme	10000	G.Lingeswaran
21	ECE	TNSCST	Student Project Scheme	10000	M.Ramya
22	ECE	TNSCST	Student Project Scheme	10000	M.Ramya
23	ECE	TNSCST	Student Project Scheme	10000	R.Poornima
24	ECE	TNSCST	Student Project Scheme	10000	R.Poornima
25	ECE	TNSCST	Student Project Scheme	12500	V.Thamizharasan
26	ECE	TNSCST	Student Project Scheme	10000	M.Karthickkumar
27	ECE	TNSCST	Student Project Scheme	10000	M.Karthickkumar
28	CSE	AICTE	Improving User Experience by developing Quality of Experience (QoE) Model for Internet Video Streaming using Machine Learning	15,61,327	Dr.G.Sivakumar
29	CSE	DST	Unnamed Arial Vehicle for Agriculture Crops Sparying	46,87,300	Dr.G.Revathy
30	CSE	TNSCST	Gross Profits with E-Methods	53,000	Mrs.N.S.Kavitha Dr.G.Revathy
31	CSE	TNSCST	Accentuate Feminity and Health Education for Well-Being of Women	53,000	Dr.G.Revathy Mrs.N.S.Kavitha
32	CSE	TNSCST	IOT in Agriculture and Smart Farming towards Yield Production	53,000	Dr.S.Selvi
33	CSE	TNSCST	Smart Waste Management System	10,000	Dr.M.P.Thiruvengatasuresh

34	CSE	TNSCST	Plant Monitoring system using IOT	10,100	Dr.M.P.Thiruvengatasuresh
35	CSE	TNSCST	Wireless Charger	10,100	Dr.S.Selvi
36	CSE	TNSCST	Recycling of Waste Water using Organic Filter Membrane	10,000	Dr.S.Selvi
37	CSE	TNSCST	A Virtual Car Showroom	10,000	Ms.T.KalaiSelvi
38	CSE	TNSCST	Plastic Recycling Plant	10,000	Ms.T.KalaiSelvi
39	CSE	TNSCST	Automated Garbage Collection	10,000	Ms.T.KalaiSelvi
40	CSE	TNSCST	Medicine Remainder using Arduino	10,000	Dr.G.Revathy
41	CSE	TNSCST	Arduino Integrated Portable RFID BI	10,000	Dr.G.Revathy
42	CSE	TNSCST	Autoturn Off Battery Charger	10,000	Ms.N.S.Kavitha
43	CSE	TNSCST	Online Feedback	10,000	Mr.D.Vijaybabu
44	CSE	TNSCST	Water Level Indicator	10,000	Ms.K.Senthilvadu
45	CSE	TNSCST	Tamil Character Recognition using AI	10,000	Ms.K.Senthilvadu
46	CSE	TNSCST	Powercord-An IOT Based Power Consumption Reducer	10,200	Mr.R.Narendran
47	CSE	TNSCST	Design of Luminous Light for Vehicle Monitoring System using IOT	10,100	Mr.M.Karunamurthi
48	Civil	DST	Manufacture of Silt Brick	5000000	Dr.S.Christian Johnson A.FathimaDarres Gracy
49	Civil	TNSCST	Corncob Lightweight For Non-Structural Application	10000	Dr.P.Balamurugan
50	Civil	TNSCST	Land use and Land cover changes and its impacts on groundwater quality-A case study of Coimbatore, Tamil Nadu.	10000	Dr.P.Balamurugan
51	Civil	TNSCST	Removal of pathogens from drinking water under the influence of Iron	5500	Dr.P.Balamurugan
52	Civil	TNSCST	Assessment of Bhavani River water pollution using Geospatial Technology	10000	Dr.P.Balamurugan

53	Civil	TNSCST	Foam geopolymer Solution Preparation fully replacement of cement	10200	A.FathimaDarres Gracy
54	Civil	TNSCST	Experimental investigation of on self compacting concrete by partial replacement of rice husk ash & flyash by cement.	10900	A.FathimaDarres Gracy
55	Civil	TNSCST	Removal of dyes by using agricultural waste durian fruit as on adsorbent	10000	A.FathimaDarres Gracy
56	Civil	TNSCST	Bio products from prosopisJuliflora (seemaikaruvelam ) Tree	13000	A.FathimaDarres Gracy
57	Civil	TNSCST	Life extension measures against sub surface Corrosion in over head line tower foundations	10000	J.Arun Prasad
58	Civil	TNSCST	An experimental studies on alkali aggregate Reaction in over head line tower foundations	10000	J.Arun Prasad
59	Civil	TNSCST	Analysis For The Biosorption Of Nickel And Chromium From Industrial & Hospital Waste Water	10000	J.Arun Prasad
60	Civil	TNSCST	Treated textile industrial waste water used in concrete and to check the strength and durability of the concrete	11000	Dr.K.M.Gopalakrishnan
61	Civil	TNSCST	Treatment of Dairy Waste water Using natural Adsorbent like fruit peel	11000	Dr.K.M.Gopalakrishnan
62	Civil	TNSCST	Characterization and Development of Permeable Concrete	7000	M.Balaji
63	Civil	TNSCST	Geopolymer brick by using fly ash & rice husk ash	8700	M.Balaji
64	Civil	TNSCST	Partial Replacement of Biomedical Waste ASH in Concrete	9800	M.Balaji
65	Civil	TNSCST	Pollution study of kaveri river in erode region	8500	M.Balaji
66	Civil	TNSCST	Decontamination Of Sea Water Using Astral Still	10000	M.DhivakarKarthick
67	Civil	TNSCST	Removal of Phosphate from kaveri river water using bacteria pseudomonas Aeruginosa.	10000	M.DhivakarKarthick
68	Civil	TNSCST	Experimental Study On Self-Healing Concrete With Novel Bacteria	12360	M.DhivakarKarthick
69	Civil	TNSCST	Potential Application Of Novel Microbe As An Healent In Cement	10250	M.DhivakarKarthick

70	Civil	TNSCST	Experimental Investigation on the Treatment of Municipal Solid Waste through Anaerobic Treatment Process	10000	R Krishnasamy
71	Civil	TNSCST	Experimental Investigation of Environmental behaviour on Glass Fibre Reinforced Polymer Angle member in Transmission Line tower	10000	R Krishnasamy
72	Civil	TNSCST	Experimental studies on corrosion behavior of GFRP Angles embedded tower foundation	10000	R Krishnasamy
73	Civil	TNSCST	An Experimental Investigation On O-Ring Effectiveness For Creasive Corrosion In Ohl Tower Foundations	10000	Dr.S.Christian Johnson
74	Civil	TNSCST	A Novel Investigation in Natural Media by using MBBS reactor	13500	D.Krishna
75	Civil	TNSCST	Treatment of Effluent Water From Fertilizer Industry	9000	D.Krishna
76	Civil	TNSCST	Nutrient Pollution and Their Biological Remediation through camel grass.	10000	D.Krishna
77	Civil	TNSCST	Removal of phosphate in noyyal river water using pseudomonas Aeruginosa.	12500	D.Krishna
78	Civil	TNSCST-DIT	Role of Artificial Intelligence in Pest Control	82000	R Krishnasamy
79	Civil	TNSCST	Development of Glass Fiber Reinforced Polymer in Transmission line tower	35500	Dr.S.Christian Johnson R Krishnasamy
80	Civil	TNSCST-DIT	Utilization IOT and Artificial Intelligence of Agriculture	50000	A.FathimaDarres Gracy
81	Civil	AICTE	MODROB for Strength of material lab	1737000	Dr.K.M.Gopalakrishnan A.FathimaDarres Gracy
82	Mechanical	Dissemination of Innovative Technology (DIT)	Awareness program on handling Bio-Medical waste Management	50,000	Dr.M.Pandian A.BalaKumaran
83	Mechanical	Dissemination of Innovative Technology (DIT)	Hands on training for Repair the fiber reinforced plastic boats by using waste pet bottle	50,000	N.S.Mohan&A.Balakumaran



84	Mechanical	TNSCST	Natural fiber Reinforced Polymer Composite	10000	Dr.S.Navaneetha krishnan,
85	Mechanical	TNSCST	Parallel Parking System	10000	A.Balakumaran
86	Mechanical	TNSCST	High Impact Energy Absorbing Body Armor design inspired from woodpecker.	10000	G.Dhayanithi
87	Mechanical	CSIR	Hydrogen Energy utilization	25000	Dr.S.Navaneetha krishnan, N.S.Mohan
88	EIE	TNSCST	Sustainable and cooperative agriculture farming with effective use of eco-friendly technologies	10,000	Dr.D.Sivanandakumar
89	EIE	TNSCST	Conveyor Belt failure and monitoring system using SCADA	10,000	Mr.P.Sureshkumar
90	EIE	TNSCST	Voice Assist wheel chair for Visually and Physically challenged people using RF technology	10,000	Dr.M.N.Saravana kumar
91	EIE	TNSCST	Multi Controlled Smart Bike	10,000	Mr.E.Sathish
92	EEE	TNSCST	Smart road safety and vehicle accident prevention system for mountain roads	10,000	L.Anbarasu
93	EEE	TNSCST	IoT based automatic vehicle accident detection and rescue system	10,000	L.Anbarasu
94	EEE	TNSCST	Parametric monitoring and controlling of wind turbine based on wireless transformer using IoT	10,000	Dr.R.Muthukumar
95	EEE	TNSCST	Digital Spring Balance	10,000	Dr.P.Selvan
96	EEE	TNSCST	IoT based Accident Detection and Smart Traffic Signal Monitoring System using Vehicles counts for smart cities	10,000	Dr.M.Shyamalagowri
97	EEE	TNSCST	IoT based Smart Irrigation System with soil moisture and weather condition measurement using Raspberry pi	10,000	Dr.M.Shyamalagowri
98	EEE	TNSCST	Implementation of Real time Application on Traffic Light Control system using Microcontroller	10,000	E.Immanuvel Bright
99	EEE	AICTE	MODROBS	17,00,000	Dr.M.Shyamalagowri
100	EEE	AICTE	RPS	25,00,000	Dr.P.Selvan

101	Chemical	AICTE	RPS	25,00,000	Dr.T.S.Senthil, P/Phy and Mrs.R.Umapriya AP/Chemical
102	College	AICTE	IDEA Lab	1,10,00,000	Dr.T.S.Senthil P/Physics and Dr.R.Kalaivani

### DEPARTMENT OF CHEMISTRY

#### Papers Published In Journals

Ms.S.Malathi, Assistant Professor, published a research paper on "Removal efficiency of cadmium (II) from electroplating waste water by chemically modified cotton seed cake carbon" Desalination and Water Treatment, Vol.196, pp.377-387, 2020. (September -20)

#### Seminar/Conference/Workshop/FDP Attended

**Dr.M.Prabakaran** attended a webinar on Environment and Cancer organized by Department of Chemistry, Arasu Engineering College, Kumbakonam on 03.02.2021.

### DEPARTMENT OF PHYSICS

#### 1. Details of Faculty Pursuing Ph.D.

Registered during the year 2020 and pursuing Ph.D. program.

Sl. No.	Name & Designation	Designation/ Department	University	Month & Year of Registration
1.	C.R.Kalaiselvi	AP/Physics	Anna University	Jan 2016
2.	K.Prabakaran	AP/Physics	Anna University	July 2018

#### 2. Details of FDP/STTP/Workshop/National and International Conferences/Special

#### Lectures Attended And Papers Presented By Staff

Dr. T.S.Senthil, Professor, Department of Physics, presented an invited talk in STTP entitled “Augmentation of SMART Materials and Technologies for Commercial Energy Harvestation” organized by Department of Chemical Engineering, Kongu Engineering College on 08/12/2020

Dr. T.S.Senthil, Professor Department of Physics, attended a Faculty Awareness Programme on NBA to keep in touch with NBA Accreditation conducted by PACE Institute of Technology & Sciences, Ongole on 17/05/2020.

Dr. T.S.Senthil, Professor Department of Physics, attended a Faculty Development Programme on “**Statistical Mechanics**” conducted by Department of Physics, PSGR Krishnammal College for Women, Coimbatore during 25<sup>th</sup> - 29<sup>th</sup> May, 2020

Dr. T.S.Senthil, Professor Department of Physics, attended a Seven Day Online Faculty Development Programme organized by the from 08-06-2020 to 14-06-2020 conducted by PG and Research Department of Chemistry, Auxilium College (Autonomous), Vellore in association with the Spoken Tutorial Project, IIT Bombay funded by the National Mission on Education through ICT, MHRD, Govt. of India

Dr. T.S.Senthil, Professor Department of Physics, attended 2<sup>nd</sup> International Workshop on Smart Materials Sensors and Devices (SMSSED -2020) during 25 – 30 MAY 2020 conducted by Department of Electronics and Communication SSN College of Engineering (An Autonomous Institution, Affiliated to Anna University, Chennai) Kalavakkam-603110 Chennai, Tamilnadu, India

Dr. T.S.Senthil, Professor Department of Physics, organized & Presented a webinar on “How to write a Research Paper? On 15/05/2020

Dr. T.S.Senthil, Professor Department of Physics, organized an “International Conference on Recent Evolution and Adoptable Technologies in Engineering” iCREATE - 2020 during 29<sup>th</sup>-30<sup>th</sup> September 2020

**3. Books, Publications of faculty**

A book chapter entitled “Function of  $\text{TiCl}_4$  Posttreatment in Photoanode”, in the Book ‘Interfacial Engineering in Functional Materials for Dye-Sensitized Solar Cells’ published by Dr. T.S. Senthil, Professor of Physics in Wiley, ISBN: 111955733X.

**Faculty Publications in Journals**

Dr. T.S.Senthil, Professor, Department of Physics, published a paper on “Hydrothermal Synthesis of Pure  $\text{PbTiO}_3$  and Silver doped  $\text{PbTiO}_3$  Perovskite nanoparticles for enhanced Photocatalytic activity”, in *Materials letters* 279, (2020) 128507

Dr. T.S.Senthil, Professor, Department of Physics, published a paper on “Synthesis of Ag and N doped potassium tantalate perovskite nanocubes for enhanced photocatalytic hydrogen evolution”, in *Materials letters* 275, (2020) 128166

Dr. T.S.Senthil, Professor, Department of Physics, published a paper on “Electrical behavior and enhanced photo-catalytic activity of (Ag, Ni) co-doped  $\text{ZnO}$  nanoparticles synthesized from Co-precipitation technique”, in *Water Science and Technology*, 81 (6), (2020), 1296–1307

Dr. T.S.Senthil, Professor, Department of Physics, published a paper on “Synthesis and characterization of  $\text{ZnTiO}_3$  and Ag doped  $\text{ZnTiO}_3$  perovskite nanoparticles and their enhanced photocatalytic and antibacterial activity”, in *Journal of Solid State Chemistry* 281, (2020) 121019

Dr. T.S.Senthil, Professor, Department of Physics, published a paper on “One-step Green Synthesis of  $\text{ZnO}$  Nanoparticles using *OptuniaFicusIndicaFruit* Extract and Their Antibacterial Activities”, in *Adalya Journal*, 9 (7), (2020), 343-348

Dr. T.S.Senthil, Professor, Department of Physics, published a paper on “Low thermal conductivity and enhanced Seebeck coefficient in Antimony and Selenium co-doped  $\text{PbTe}$  Nanopowders”, in *Indian Journal of Physics*, (2020), <https://doi.org/10.1007/s12648-020-01849-6>

Dr. T.S.Senthil, Professor, Department of Physics, published a paper on“Fabrication Of Synergetic Photocatalysts - BiOBr And Gd-BiOBr And Study Of Its Photodegradative Efficiency Under UV Light For Rhodamine-B”, in International Journal Of Scientific & Technology Research, 9 (4), 2110-2115

Dr. T.S.Senthil, Professor, Department of Physics, published a paper on“Enhanced Photodegradation of Rhodamine-B under UV Light by BiOBr and Zn-doped BiOBr Synthesized by solvothermal method”, in Adalya Journal, 9 (3), (2020), 1149-1156

Dr. T.S.Senthil, Professor, Department of Physics, published a paper on“Plasmon-Induced Hot Electron Amplification and Effective Charge Separation by Au Nanoparticles Sandwiched between Copper Titanium Phosphate Nanosheets and Improved Carbon Dioxide Conversion to Methane”, in ACS Sustainable Chem. Eng. 2020, 8, 50, 18646–18660

Dr. T.S.Senthil, Professor, Department of Physics, published a paper on“Effect of annealing temperature on structural, morphological and optical properties of nanocrystalline TiO<sub>2</sub> thin films synthesized by sol–gel dip coating method”, in Materials Today: Proceedings, 23 (2020) 68-72

Dr. K.Satheesh, Assistant Professor, Department of Physics, published a paper on“Fabrication and Characterization of Graphene Nanofibers by Electrospinning Technique and Its Electrochemical Properties”, in Journal of Nanoscience and Nanotechnology, 20(12), 2020, 7659-7664

#### **4. Awards and Honors**

Dr. T.S.Senthil, Professor, Department of Physics, received outstanding reviewer award from Elsevier for the Journal of Water Process Engineering and Material Today Communications.

### 5. New equipment for laboratories, computer systems added

The details of new Equipment purchased are given below:

S.No.	Dept.	Equipment Particulars	Cost of Equipment (Rs.)
1	Physics	Band gap Determination-Reverse Saturation Current	33,453.00
2	Physics	Photodiode Characteristics	21,804.00
3	Physics	Travelling Microscope	81,542.40
4	Physics	Diode laser	17,652.80

### DEPARTMENT OF MATHEMATICS

#### 1. Patent /Patent Submission Status

S. No.	Name of the Applicant / Inventor	Title of the invention	Application No.	Date of filing of Application	Publication Date
1.	Dr.P.G.Palanimani	Secure and automated driving inspector powered by Arduino 202141049317raspberr y Pi . using deep learning	202141038074	28.10.2021	28.10.2021
2.	Dr.P.G.Palanimani	Prediction of derm sickness using computational intelligence embedded with fuzzy logics	202141038075	28.10.2021	28.10.2021

## 3. Journal Publications By The Faculty

S.No	Name of the faculty	Title of the Paper	Name of the Journal	Details
1.	Dr.P.G.Palanimani	Combined heat and mass transfer in mhd.Free convection from a vertical surface with ohmic heating and Chemical reaction in the presence of suction or injection	Wutan Huatan Jisuan Jishu,	July 2020
2.	Dr.S.Senthilvelavan	The Revised Generalized Tikhonov method for the backward time-Fractional diffusion equation	Applied analysis and computational	2019
3.	Dr.P.Renuka	Slip effects on ohmic dissipative Non-Newtonian fluid flow in the presence of Aligned magnetic field	Journal of Applied and Computational Mechanics	2020

## 4. FDPs /STTPs attended by the faculty

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1.	Dr.P.G.Palanimani	Artificial Intelligence	Acropolis Institute of technology and research	5 Days
		Data Sciences	Erode Sengunthar Engineering College	5 Days
		Algebra and Number theory	Ramco institute of technology	2 Days
2.	M.S.Devimani	ICT to ICT	Rover Engineering College	1 Day
3.	Dr. P. Renuka	Implementation for Internal Quality Assurance in HEI	PSGR Krishnammal College for Women	3 Days
		REAL LIFE APPLICATIONS OF FUZZY MATHEMATICS	St.Peter's Institute of Higher Education and Research	1Day
		Fuzzy logic	Kristhu Jayanthi College	1Day

		hands on exposure in LaTeX and Scilab.	D.K.M. College for Women, Vellore	5 Days
		Modern Mathematical Tools in Calculus and Analytics	Kumaraguru College of Technology	5 Days
4.	C.Kasthuri	Applications of Mathematics in science and Engineering	Vishnu Institute of Technology	5 Days

## 5. Workshop Attended By The Faculty

Sl. No	Name of the faculty	Name of the FDP	Venue	No of Days
1	Dr.P.G.Palanimani	Online orientation programme for mentors	NITTTR,Bhopal	6 Days
		virtual conference on Bridging Innovative Trends in Mathematics, Engineering & Technology	Bannariamman Institute of technology	2 Days
2	M.S.Devimani	Fractional System with Rossenblatt process and Poisson Jumps-Optimal Controbability	KPR Institute of Engineering and Technology.	1day
		Mathematical Modelling for Data Analytics and Engineering	Kumaraguru College of Technology.	7Days
		Everyone can do Quality research	Knowledge Institute of Technology	1Day
		Applications on Natural Dyes	Erode Sengunthar Engineering College	1Day
		Applications Of Mathematics	KPR Institute of Engineering and Technology	6 Days
		Quality Standards in teaching, learning evaluation through IQAC	Erode Sengunthar Engineering College.	1Day
3	Dr. P. Renuka	Applications of Mathematics	Government Polytechnic Daman	1Day
		Fundamentals of MATLAB	Sri Shakthi Institute of Engineering and Technology	2 Days



		Mathematical and Computational Biology	Rathnavel Subramaniam College of Arts and Science	2 Days
		Geometry of Continued Fractions: Ramanujan and his successors	Central University of Himachal Praresh	2 Days
		Fluid Dynamincs	Dr.N.G.P. Institute of Technology	2 Days
4	C.Kasthuri	Advances & Applications of Mathematics	M.S.P. Mandal's Art's, Commerce & Science College	1 Day
		Two Days National webinar on Fluid Mechanics	KGiSL INSTITUTE	2 Days
		Solving Transportation Problems With Ms Excel And Solver	Aditanar College of Arts and Science	1 Day
		Cognitive Blooms Level Taxonomy in Exam Paper Assessment - A Case study approach	Erode Sengunthar Engineering College	1 Day
		Applications of Computational fluid dynamics (CFD)	SNS College of Technology	1 Day
		Introduction to theoretical and computational fluid dynamics	KPRIET Coimbatore	1 Day
		Qualitative Analysis of differential equations and its applications	.T.N. Arts College	1 Day
		Mathematical Science for CSIR-NET / SET / GATE"	Sri Narayana Guru College	5 Days
		Operations Research	Virudhunagar Hindu Nadars' senthilkumara nadar college	3 Days
		The Man Who Knew Infinity	St. Xavier's College for Women	1 Day
C.Kasthuri		Applications Of Mathematics	KPR Institute of Engineering and Technology	6 Days
		Quality Standards in teaching, learning evaluation through IQAC	Erode Sengunthar Engineering College	1 Day

		Applications on Natural Dyes	Erode Sengunthar Engineering College	1 Day	
		Applications of Optimization Techniques in science and Engineering	KPR Institute of Engineering and Technology.	1 Day	
		Fractional System with Rossenblatt process and Poisson Jumps-Optimal Controbability	KPR Institute of Engineering and Technology	1 Day	
		Proposal Preparation –intricacies and Oppurtunities	Erode Sengunthar Engineering College	1 Day	
5	K.S.Rekha	Incorporating Universal Human Values in Technical Education	Ramco institute of technology	1 Day	
		Guidelines for Writing a Research Paper	Arasu Engineering College	1 Day	
		Descriptive Statistics Through R-Programming	KPR Institute of Engineering and Technology	3 Days	
		Cognitive Blooms Level Taxonomy in Exam Paper Assessment - A Case study approach	Erode Sengunthar Engineering College.	1 Day	
			Calculus, Origin, Basic Concepts and Applications in Real Life	Chennai Institute Of Technology	1 Day
			Algebra and Number theory	Ramco institute of technology	2 Days
			‘Fractional System with Rossenblatt process and Poisson Jumps-Optimal Controbability’	KPR Institute of Engineering and Technology.	1 Day
			Quality Standards in teaching, learning evaluation through IQAC	Erode Sengunthar Engineering College.	1 Day
			Mathematical Modelling for Data Analytics and Engineering	Kumaraguru College of Technology	7 days
			Applications Of Mathematics	KPR Institute of Engineering and Technology	6 Days



## Department of Physical Education

### ACHIEVEMENTS IN INTERNATIONAL LEVEL:

- B. Ragavendran III EIE secured Gold Medal in 100mtr & 400 mtr, P.Kavin Kumar 1 Mech secured Silver Medal in 100mtr, C.Prem Kumar II CSE secured Silver Medal in Football, Anoop R.S.Nair II Chemical secured Gold Medal in 5000mtr & Silver Medal in 400Hudles, M.Keerthika III ECE secured Gold Medal in 1500mtr, and K.Deepan I CSE secured Gold Medal in Hockey in the Indo- Nepal International Championship-2021 was held at Rangshala Stadium, Pokhara, Nepal from 15.03.2021 to 19.03.2021.



**INDO- NEPAL INTERNATIONAL CHAMPIONSHIP-2021**

- M. ManikandanII BME Secured Gold Medal in Throw Ball in 12th Nepal International Heros Games Championship-2021 which was held at Rangshala Stadium, Pokhara,Nepalfrom 03.10.2021 to 06.10.2021.



#### **INDO- NEPAL INTERNATIONAL CHAMPIONSHIP-2021**

#### **ACHIEVEMENTS IN NATIONAL LEVEL:**

- M. ManikandanI BME Represented to Tamilnadu Throwball Men team in the 43rd Senior National Championship held at Durg, Chhattisgarh from 19.03.2021 to 21.03.2021.
- M. ManikandanII BME Secured Gold Medal in Throw Ball in 3rd National Youth Games Championship-2021. Which was held at Madgaon, Goa from 05.08.2021 to 07.08.2021.



**3rd National Youth Games Championship-2021.**

- B. Ragavendran IV EIE secured Silver Medal in 200 mtr, P.Kavin Kumar II Mech secured Gold Medal in 200mtr, C.Prem Kumar III CSE secured Silver Medal in 1500mtr, AnoopR.S.Nair III Chemical secured Silver Medal in 5000mtr, M.Keerthika IV ECE secured Silver Medal in 3000mtr, and A.Arthi IV Chemical secured Silver Medal in Chess in the 4th National Championship 2021-2022. Which was held at D.A.V Complex, Amritsar from 06.08.2021 to 08.08.2021.



#### **4th National Championship 2021-2022**

- Anoop R.S.Nair III Chemical secured Gold Medal in 3000mtr and Silver Medal in Handball in All India National Federation Cup-2021. Which was held at St Joseph's High School, Calangute, Goa from 25.11.2021 to 27.11.2021

#### **ACHIEVEMENTS IN SOUTHZONE LEVEL:**

- A Manimaran I BME secured Gold Medal in Senior Category (60-63.5 KG) South Zone Boxing Championship held at SDAT Thoothukudi on 18/09/2021 and 19/09/2021.

#### **ACHIEVEMENTS IN STATE LEVEL:**

- B. Ragavendran IV EIE secured Silver Medal in 200 mtr, P.Kavin Kumar II Mech secured Bronze Medal in 100mtr, C.Prem Kumar III CSE secured Silver Medal in Football, AnoopR.S.Nair III Chemical secured Gold Medal in 5000mtr, M.Keerthika IV ECE secured Gold Medal in 1500mtr, and A.Arthi IV Chemical secured Silver Medal in Chess in the 2<sup>nd</sup> State level Championship-2021. Which was held at Erode Sengunthar Engineering College, Thudupathi from 28.07.2021.



### **2<sup>nd</sup> State level Championship-2021**

- M Keerthiga IV ECE secured Gold Medal in Basketball, N KamalIII secured Gold Medal in Basketball, Sam II AIDS secured Gold Medal in Taekwondo, Shyam B II IT secured Gold Medal in Foot Ball, Divakar R II AIDS secured Gold Medal in Foot Ball, Alan Antony Raj II IT secured Silver Medal in Basket Ball, M Manikandan II CSE secured Silver Medal in Basket Ball, Lena Nishanth IV CSE Silver Medal in Basket Ball, S Praveen Kumar IV MECH secured Gold Medal in Kabaddi, Parthiban S IV MECH secured Gold Medal in Kabaddi, P. Kavin Kumar II Mech secured Gold Medal in 200mtr, C. Prem Kumar III CSE secured Silver Medal in 1500mtr, Anoop R. S. Nair III Chemical secured Gold Medal in 1500mtr in the Tamil Nadu Youth Sports Council 2nd State Championship 2021. Which was held at Sri Amaravathi College Of Arts And Science, Velliyana, Karur from 10.10.2021.

### **ACHIEVEMENTS IN DISTRICT LEVEL:**

- V. Priyadarshini III CSE secured Bronze Medal in Javelin Throw, Vishanth III AIDS secured Silver Medal in 110mtr Hurdles in 16th District Level Athletic Championship - 2021. This was held at Gobi Arts and Science College, Gobichettipalayam from 03.12.2021 to 04.12.2021.





16<sup>th</sup> District Level Athletic Championship-2021