

**SRI BHARATHI**  
**ENGINEERING COLLEGE FOR WOMEN**  
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)  
Kaikkurichi, Pudukkottai- 622 303

**Annual Report 2022-2023**



**28<sup>th</sup> JULY 2023**



# SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

**Kaikkurichi, Pudukkottai- 622 303**

## **ANNUAL REPORT FOR THE ACADEMIC YEAR 2022-2023**

Honorable Chief Guest, Respected Chairman, Esteemed Secretary, Members of the Board, Dear Colleagues, My dear students Parents, Media persons, ladies and Gentlemen very Good Morning.

It is my privilege to present the annual report for the academic year 2022-2023 in this annual day function to project the activities of this year.

### **OVERVIEW**

Right from the period of known civilization, life on earth is a cluster of humanity, especially men and women. Men went for hunting. Women and children were only to support men for their day to day livelihood and they lived under the strict supervision of men. Even when there is an improvement in culture, the right to go out, the right to speak, the right to take decision by women is all severely controlled. The human rights are denied. Their existence and their hardships are not brought to surface.

As far as India is concerned, the freedom of women is slowly and strongly built along with the freedom struggle for India. Higher education and decent life is mostly achieved only by the urban women. But in rural areas, till now, the condition of rural women is found to be very backward. The primary thing to bring the rural women, out of the submerged condition is education. This context paved the way for the inception of Sri Bharathi Engineering College for Women besides Sri Bharathi Arts and Science College, Women's Polytechnic, B.Ed., College and Teacher Training Colleges. This is the first Engineering College started only for women in Pudukkottai District. This college was seeded by Sri Bharathi Educational Trust in the year 2009 with five B.E/B.Tech courses to inculcate quality education for the rural women and now

it has attained full growth and is prepared to produce the **Eleventh** batch of outgoing students.

### **INVESTMENT DETAILS**

The investment made for infrastructure development and laboratory expenditure for the academic year 2022-2023 is furnished below.

1. Infrastructure	- Rs.3,33,993
2. Laboratory Facilities	- Rs.20,00,516
3. Other Expenditures	- Rs.100,000

**The total investment made for this academic year - Rs.24,34,509**

### **LIBRARY**

Our College has a good library to the benefit of students and faculty. All the books can be accessed through **“Digital Lib”** software package which is an integral multiuser management system. Bar code technology is adopted in the library and is equipped with bar code scanner, reader and Internet.

Text books, reference books, journals etc are purchased regularly and during this academic year 309 copies of books with 256 titles were purchased with an investment of Rs.1,55,952/- and till date there were 6241 titles and 13,659 volumes in our library.

24 numbers of International and 24 numbers of National Journals and Magazines with an investment of Rs.91,500/- during the academic year 2022-2023 were subscribed.

Our library also subscribes E-Journals through DELNET and the subscription fee is Rs.13,570/-per annum.

A Software update was done with an expense of Rs 24,600 /- and new racks were purchased worth of Rs. 1,25,000/-.

The total investment to the library during this academic year for the purchase of books, journals, software and racks is Rs.4,10,622/-

## ACADEMICS

### FACULTY RECRUITMENT

The recruitment details of the faculty during this academic year are given below.

**1. Computer Science Engineering and Information Technology**

Three (3) teaching staffs were recruited during this academic year.

**2. Electrical and Electronics Engineering**

Two (2) teaching staffs were recruited during this academic year.

**3. Civil Engineering**

One (1) teaching staffs and one (1) Non-teaching staff were recruited during this academic year.

**4. Electronics and Communication Engineering Department**

Two (2) teaching staffs were recruited during this academic year.

**5. Science and Humanities:**

One (1) Teaching staffs and One (1) non-teaching staff were recruited during this academic year.

### UNIVERSITY RESULTS

Our students have shown appreciable performance in the University Examinations during April/May 2022 and Nov/Dec 2022. The results show that our students have got medium to high level pass percentages. However, our college stands **1<sup>st</sup> among the 11 Engineering Colleges in this District and secured 40<sup>th</sup> Rank in State level as per the Rank list published by the Anna University, Chennai. The Management and the Principal congratulate all staff members and students for this achievement and wish to continue the same.**

The following table exhibits the pass percentages of the current academic year University Examinations.

### 1. Computer Science Engineering

Year	April/May-2022	Nov/Dec-2022
II	36.4	53.3
III	62	66.7
IV	100	57.14

### 2. Electronics and Communication Engineering

Year	April/May-2022	Nov/Dec-2022
II	20	16.7
III	10	33.3
IV	100	80

### 3. Electrical and Electronics Engineering

Year	April/May-2022	Nov/Dec-2022
II	28.6	20
III	60	50
IV	100	20

### 4. Civil Engineering

Year	April/May-2022	Nov/Dec-2022
II	20	55.6
III	60	83.3
IV	100	80

## LIST OF FACULTY MEMBERS WHO HAVE PRODUCED CENT PERCENT RESULTS IN THEIR SUBJECTS

The faculty members who have produced cent per cent results in their subjects have to be appreciated and their list is furnished below.

## **1.Civil Engineering**

### **APRIL/MAY 2022(EVEN SEM)**

1. Mrs.R.Padma Rani- CE8021-Structural Dynamics and Earthquake Engineering

### **NOV/DEC 2022(ODD SEM)**

1. Ms.G.Gayathri- CE8703 Structural Design and Drawing and CE3302- Construction Materials & Technology
2. Mrs.P.Dennis Flora- CE3351- Surveying &Leveling
3. Mrs.R.Padma Rani- CE8502 Structural Analysis I
4. Mr.A.Sivayogaraj- EN8491- Water Supply Engineering
5. Ms.Mahizhini Raci- CE8591 -Foundation Engineering

## **2) Electrical and Electronics Engineering**

### **APRIL/MAY 2022(EVEN SEM)**

1. Mrs.B.Priya- EE8018 Microcontroller Based System Design and BE3252 Basic Electrical Electronics and Instrumentation Engineering (Civil)
2. Mrs.R.Akilandeswari- EE8015 Electric Energy Generation Utilization and Conservation
3. Mr.J.Sathyaraj- EE8005 Special Electrical Machines.

### **NOV/DEC 2022(ODD SEM)**

1. Mr.J.Sathyaraj- EE3301- Electromagnetic Field & EC8391-Control Systems (ECE)
2. Ms.S.Raga Brintha- OR0551-Renewable Energy Source.
3. Mrs.K.Elakkiya- EC3301-Electron Devices and Circuits.
4. Mr.T.Parthiban- EE8010- Power System Transients.

## **3. Electronics and Communication Engineering**

### **APRIL/MAY 2022 (EVEN SEM)**

1. Mrs.V.Nithyapoorani- GE8076-Professional Ethics in Engineering.
2. Mr.C.Palaniappan- EC8094- Satellite Communication

**NOV/DEC 2022(ODD SEM)**

1. Dr.V.Vijaysaro- EE8391- Digital Signal Processing & CS8351-Digital Principles and system design
2. Mr.M.Palaniappan- EC8751-Optical Communication.
3. Ms.Muthulakshmi.K.A- EC3352- Digital System Design.

**4. Computer Science Engineering****APRIL/MAY 2022 (EVEN SEM)**

1. Ms.G.Bhuvaneshwari-CS8080-Information Retrieval Techniques & CS8603- Distributed Systems
2. Ms.G.Sugapriya- GE8076-Professional Ethics in Engineering

**NOV/DEC 2022(ODD SEM)**

1. Ms.S.Jayapratha- CS3352- Foundations of Data Science, CS8501- Theory of Computation & CS8791-Cloud Computing.
2. Ms.G.Sugapriya- CS8792- Cryptography and Network Security.
3. Ms.P.Subha- GE8074- Human Rights (CIVIL)
4. Ms.K.Priyanka- OCS752-Introduction to C Programming (ECE)

Once again all credits and appreciations goes to the staff members for their sincere effort and committed service towards this academic excellence.

**ASSOCIATION ACTIVITIES****1) Computer Science Engineering**

A One day online seminar was arranged on “Artificial Intelligence and Machine Learning in Engineering Research” by Dr.N.Krishnaraj, Assistant professor senior grade, School of Computer Science & Engineering, Vellore Institute of Technology, Vellore on 20<sup>th</sup> September 2022. All 2<sup>nd</sup>, 3<sup>rd</sup> and final year students of CSE benefited from the seminar

A one Day National level Technical Symposium “ESPIRE2K22” was conducted by CSE department in association with Institution Innovation

Council (IIC) and CATIA - CSE Association on 28<sup>th</sup> October 2022. Dr.D.Senthil Kumar, Assistant Professor, Department of CSE, BIT Campus, Anna University, Trichy was the chief guest and delivered the inaugural address. 89 students from various colleges like Alagappa Chettiar Government college, Arasu Engineering College, Mount Zion College of Engineering, Mookambigai Engineering College etc participated in various events like paper presentation, Technical Quiz, Adzap etc. Cash prizes and awards were presented to the prize winners.

Department of CSE conducted seminar on **“Real Time Applications of Artificial Intelligence in Recent Approaches”** on 12.01.2023 for II, III &IV year students. Er.S.Deepan, Manager Cum Embedded Developer, WITSPIRE, Trichy was the resource person.

Department of CSE conducted seminar on **“Recent Trends in Android development using Full Stack”** on 13.02.2023 for II, III &IV year students. Ms.S.Pandimeenal, Full Stack mentor Entri Elevate, Kerala was the resource person.

A Technical Seminar on **“A Modern Approach on Full stack Development using Python and Django Framework”** by Mr.K.Marimuthu, Senior Technical Lead, HCL Technologies Ltd., Chennai was organized by CSE department for 2<sup>nd</sup>, 3<sup>rd</sup> and final year students on 25<sup>th</sup> February 2023.

## **2) Electrical and Electronics Engineering & Electronics and Communication Engineering.**

A one day Seminar on **“Recent Challenges in Industrial IoT”** by Er.S.Manikandan, Software Developer and Trainer, from Maria Academy, Chennai was organized by ECE department and **“Research Outlook in Convergence of IoT and Industry 4.0”** was organized by EEE Department with Er.A.Ganesan, Software Developer and Trainer, MARZ Technologies, Karaikkudi as a resource person on 24<sup>th</sup> September 2022.



A Seminar on “Role of Edge Devices in IOT” by Er.Salai Deva Thirumeni, Technical Architect, AIDELTECZ , Bangalore was organized by ECE and “Exploring the Role of IOT in Smart energy Management” was organized by EEE Department with Mr.S.Hari, Hardware Engineer AIDELTECZ, Bangalore on 29<sup>th</sup> October 2022.

A one day Online Seminar on “Recent trends in Photonics and its Applications” was conducted on 07.02.2023. Dr.D.Sriram Kumar, Professor, Dept of ECE, NIT trichy handled the sessions and “Shining Light on the future: Exploring the World of Photonics”, Dr.V.Sarma Dhulipala, Assistant professor, Senior grade, BIT campus, Anna University, Trichy handled the session and explained about research areas of photonics organized by EEE Department.

A Guest Lecture on “Performance Analysis of Highly Efficient MIMO Antennas for 5G Wearable Applications” by Dr.A.Muthumanicckkam, Assistant Professor, Shanmuganathan Engineering College was arranged on 29<sup>th</sup> March 2023.

### **3) Civil Engineering**

A Seminar on “Advanced Techniques in Construction Project Management” by Er.S.Rawuther Appa., Senior Engineer, Kamaal Constructions, Aranthangi on 31<sup>st</sup> October 2022. The event was organized by civil department and 2<sup>nd</sup>, 3<sup>rd</sup> and final year civil students attended the Seminar.

A Guest Lecture on “Fundamentals of Estimation and Valuation” was arranged by Civil department on 29<sup>th</sup> November 2022. Er.K.Ramaganesan, Structural engineer and Licensed Surveyor, Ramji Housing developer, Trichy was the resource person.

A one day Online research Methodology Seminar on “Sustainable solid waste management in urban cities” was conducted on 18.02.2023. Dr.S.Pauline , Assistant Professor, Dept of Civil, Alagappa Chettiar Government college of Engineering, Karaikkudi handled the forenoon session and gave lecture on “Renewable energy generation from kitchen waste” and Dr.S.V.Seenivasan,

Senior principal Scientist, CSIR-Leather research institute, Chennai handled the afternoon session and gave lecture on” Sustainable energy production from bulk organic waste generators in urban areas”.

A One day Workshop was organized by civil department on “Simulation and analysis Tool in CAD ” for 2<sup>nd</sup>, 3<sup>rd</sup> and final year students on 23<sup>rd</sup> February 2023. Mr.S.Victor Jebaraj, Manager, CADD Centre Pudukkottai was the resource person.

A seminar on “Modern Construction Practices” by Mr.T.Prabhakaran, Founder and Builder, Sridharan Constructions, Aranthangi was arranged on 26<sup>th</sup> April 2023. All 2<sup>nd</sup>, 3<sup>rd</sup> and final year civil students attended the Seminar.

### **PROGRAMMES ORGANIZED**

- A Yoga–Day program was arranged on 15.06.2022 in connection with International Yoga Day. Yoga Master R. Pandiyarajan and Bhuvaneshwari conducted the program and an average of 100 students and faculties participated.
- The Training and Placement cell of our college has organized a placement training program for final year students of ECE and CSE from 06.08.2022 to 17.08.2022 to strengthen the interview and programming skills on C and JAVA.
- A skill development course on “Internet of Things with Python” was arranged for second year students of ECE, EEE and CSE for one week from 22.08.2022 to 28.08.2022, Mr.Thangaraj and Mr.Deepan from Galwin Technology, Trichy, trained the students.
- Engineer’s day was celebrated on 15.09.2022. All second and third year students participated in that event. A video presentation on “Innovations in Engineering & Technology”, Engineers day Speech on “Impact of Engineers in Indian infrastructures” by Mr.Sivayogaraj , AP/CIVIL were the events on that day.

- Entrepreneurship Development Cell conducted a Programme on “The Rise of women-led E-commerce ventures” on 28.09.2022 for II, III and IV year students. The Resource person was Ms Aishwarya srinivasan, SAS Machineries, Alumni, Entrepreneur, Pudukkottai.
- A Soft skill Training program on “Empowering Girls” was arranged to motivate the students to shine in their career by Rotary club of Pudukkottai on 11<sup>th</sup> October 2022. All third and final year students attended the program. Rtn.Bagh Singh Pannu, District Governor and Dr.Anbu Danabalan, Technical Director, Active Solution were the resource persons.
- A special Alumni Talk on “Career Guidance” was arranged by ECE department on 13<sup>th</sup> October 2022. Alumni K.Rohini gave a valuable speech regarding career guidance.
- A birthday of Bharat Ratna Dr.APJ.Abdul Kalam was celebrated as “Youth Awakening Day” in our college on 14<sup>th</sup> October 2022. A special lecture about “role of youth in modern India” was given by Mrs.R.Yogeswari HoD/ECE and Ms. Subha, HoD/CSE . All teaching staff and students from various departments participated in that event.
- A special Alumni Talk on “Job opportunities for Electrical Engineers” was arranged by EEE department for 3<sup>rd</sup> and final year students of EEE on 26<sup>th</sup> October 2022. Alumni NISHA and AASHA gave a valuable speech regarding job opportunities.
- First year B.E classes for the academic year 2022-23 was inaugurated on 07.11.2022. Kavimamani Dr.D.M.Abdul Khader, Motivational speaker was the Chief Guest and gave the students very good inspirational speech to bring out their hidden talents and fulfill their parent’s dreams.
- A student induction program “Break the Ice” for the first year students was organized from 08.11.2022 to 16.11.2022, to develop the self confidence among the students, to cultivate positive attitude, to encourage

the leadership qualities and encouraging the ability to work hard to achieve the goal. Mega Yoga event was organized from “Heart fullness Foundation” pudukkottai. A special lecture on “Modern trends in English” was given by Mr.G.Antanisamy, Language Trainer, Pudukkottai and a Motivational speech was given by Kavingnar Mu.Baa and Mr.Muruga Bharathi in that induction program.

- **World Computer Literacy Day and National Pollution prevention** day was observed in our college on 02.12.2022 and several competitions like newspaper bridges, sound experiments, card making, and models making were conducted.
- Ninth Graduation day was organized on 03<sup>rd</sup> December 2022 to honour the graduates. Dr.Mylswamy Annadurai, Former director ISRO, Vice president- Tamilnadu state council for science and Technology delivered the graduation day address and awarded degrees for about 205 graduants.
- Two Days Programme on “Art of Human Living In Current Scenario” was arranged for all teaching and non teaching Staffs on 20-12-22 & 21-12-22.The Resource Persons were Mr.Kothapalli Joel Prabhakar, District Youth Officer, Nehru Yugavendra, Pudukkottai and Prof.S.Viswanathan, Joint Secretary, Indian Red Cross Society, Pudukkottai.
- “A Workshop on Critical thinking” was arranged on 30<sup>th</sup> December 2022. Rtn.JC.S.Vignesh, Director, V Analytica India was the resource person and all first year students attended the workshop.
- Two days faculty development program on “Research Methodology” was arranged for all faculties from 19.01.2023 to 20.01.2023. Mrs.B.Priya, Research Scholar, Department of EEE handled the technical sessions.
- An Awareness program on "Energy Audit" was conducted on 25.01.2023, Mr.S.Sivakumar, External Faculty, Petroleum Conservation

Research Association gave a lecture on “Energy conservation and Effective Usage of Energy resources” by EEE department.

- A special lecture on “Career Opportunities in Civil Services – UPSC/TNPSC” was arranged for all final and third year students on 22<sup>nd</sup> February 2023. Mr.N.Kalyan, Branch Head, Kingmaker IAS academy, Trichy was the resource person.
- National science day was observed on 28<sup>th</sup> February 2023. Mr.S.T.Balakrishnan, State Secretary, Tamilnadu Science Forum, Pudukkottai was the resource person and he delivered a speech on “Astronomy, Astrology and latest scientific inventions”. Various activities like project Expo, quiz and speech competition were also conducted.
- A Programme on “Inspiring Women Entrepreneurs in Technology - Breaking the Glass Ceiling” was conducted on 13.03.2023 for I, II, III and IV year students by EDC Cell of our college. The Resource person was Mr.V.Ayyappan, Assistant Professor, Entrepreneurship Cell Coordinator & IIC President, JP College of Engineering, Tenkasi.
- International Women’s day was celebrated on 08<sup>th</sup> March 2023. Thiru T.Ramalingam, Lawyer, High Court, Chennai and Dr.S.Thilagavathi, Doctor, Senthil Hospital Pudukkottai were the chief guest of that event. Numerous activities like Essay Writing, Speech, Drawing, Quiz, Rangoli designs, Mehendi Designs, etc were conducted and prizes were awarded for all the competitions.
- “Cultural Fest AARA-2023” was conducted by our college on 09<sup>th</sup> March 2023. Various cultural activities were conducted and prizes were awarded. First year Students secured overall championship in that event.
- Three days aptitude training was arranged for all final year students from 27<sup>th</sup> March 2023 to 29<sup>th</sup> March 2023 by Formative Software Solutions private limited, Chennai.

- On Campus Placement Drive was arranged for all final year students on 21<sup>st</sup> April 2023. HASMEC Technologies, Karur interviewed our students and 4 Final year ECE students, 6 Final year CSE students and 4 Final year EEE students got selected.
- A special program on “career guidance” was organized for all final year students on 20.04.2023. Mr.N.Hari Krishnan, head- social initiatives and outreach, IIT, Madras was the resource person of that event.
- A special lecture was arranged on “Guidance for CIVIL Services Examination” in connection with National Civil Services Day on 21<sup>st</sup> April 2023. Mr.Sonaikkarupiah, Special Thasildar (Elections), Pudukkottai and Mr.S.Viswanathan, Secretary Vasagar peravai, pudukkottai were the resource persons of that event.
- “A Workshop on Intellectual property rights” was organized by our college in connection with intellectual property day on 26<sup>th</sup> April 2023. Rth.JC.S.Vignesh, Director, V Analytica India was the resource person.
- A Life Skill programme was conducted on 03<sup>rd</sup> May 2023 in association with NSS about “Millets and its uses” Mr.M.Ganesha Moorthy, Mudfield Organic farming, Social Worker, Chennai shared the importance of millets and their usage to our students.
- A Legal Awareness program was organized in our college in association with NSS on 18.05.2023 and delivered speech about effects of drugs usage and other illegal habits. Tmt.M.Jayanthi, Judicial Magistrate, Pudukkottai, Selvi.D.Poornima A.B.L.L.L.M, District Municif, Tmt.D.Jaya Kumari, JEMI Rathna, Chief Judicial Magistrate, Thiru Rajendra Kannan M.A., M.L., Senior Civil judge, Tmt.G,M.Vasanthi Additional District judge, Selvi.S.Jayanthi, District Judge, Family court were the host of that event..

- Five days Faculty Development Programme on “Cutting Edge Technologies in Engineering and Research” was organized by the Department of ECE for all Faculties on 12.06.2023 to 16.06.2023. The Resource Persons were Dr.N.Krishnaraj, Assistant Professor Senior grade, Department of database system, School of Computer Science and engineering, Vellore Institute of Technology(VIT), Vellore, Dr.M.Meignanamoorthy, Founder and CEO, Mech Tech Research Foundation, Pudukkottai, Dr.K.Balasamy, Assistant Professor Level III, Bannari Amman Institute of Technology(BIT), Sathyamangalam.
- IQAC Cell of our college organized a Communication programme on “Conversational Practices” on 20.06.2023 for all I<sup>st</sup> year students. A Special talk was given by Mr.S.Ramesh Raja, Assistant Professor/English, SBECW.

### **EXTENSION ACTIVITIES**

- A Rally and door to door Campaign for hoisting the National Flag “Harghartiranga” was arranged by our college in association with YRC to commemorate the 75<sup>th</sup> glorious years of independence on 11<sup>th</sup> August 2022. Around 50 students and teaching staff from various departments participated in this campaign.
- Blood Donation camp was organized in our college in association with YRC and Rotary Club of Pudukkottai. Dr.A.Kishore Kumar MD (IHBT), Blood bank officer, Medical college, pudukkottai, Dr.A.Nabishaa Begam MS (OG) Gynecologist, Rtn.VR.Vengadachalam and Rtn. Dr.M.Karupiah inaugurated the camp. Around 25 students and staff participated and donated blood.
- The Rally about “Digital transaction uses and benefits” on 3<sup>rd</sup> September 2022 at Vallathirakkottai village. 35 RRC Volunteer Students had participated in the programme.

- A special lecture was arranged by our college in association with YRC on “Human values and Gender issues” on 21<sup>st</sup> September 2022. Dr.J.Raja Mohammad, Secretary, Indian Red Cross society and Professor S.Viswanathan Joint Secretary, Indian Red Cross society gave a valuable speech. All teaching staff and students participated in that event.
- An “Awareness rally about HIV & AIDS” was conducted on Poovarasakkudi on 31<sup>st</sup> October 2022. 40 NSS Volunteer students had participated.
- A Life Skill program was arranged by our college in association with “Rotary Club of Pudukkottai” to spread awareness on “Health and Hygiene” on 16<sup>th</sup> December 2022. Dr.P.Manobala, BHMS, MD, The new life Care Homo Clinic, Thanjavur gave a valuable speech. All teaching staff and students participated in that event.
- An awareness program was conducted by our college in association with YRC and LECTRIX –VP wheels, Pudukkottai to create awareness on “E-Vehicles” on 23<sup>rd</sup> February 2023. Mr.Selava muthukumar, Manager and Mr.Raja ,Service Engineer shared the merits of E-Vehicles and presented a live demo to various peoples in and around poovarasakkudi village in Pudukkotai and received appreciation letter from the village president.
- As part of institutional social responsibility, one day campus cleaning program and an Awareness program on “Disaster Management” was organized by our college in association with NSS students at Alagambaalpuram elementary school on 28<sup>th</sup> March 2023. Around 35 NSS volunteers participated.
- “Yoga awareness programme for school students” was organized on 20<sup>th</sup> April 2023. Our NSS Volunteers students shared the importance of yoga to the school students and motivated them to do more aasannas like tandasana, trikonasana etc.,



- A medical camp was conducted in our college campus on 26<sup>th</sup> April 2023 in association with RRC and “Joseph Orange Vision centre, Pudukkottai. Faculty members and students from various department participated in this camp.

### **INDUSTRIAL VISITS**

- (1) An industrial visit was arranged for civil students on 02<sup>nd</sup> September 2022 to Fire station- Aranthangi and Taluk office –Alangudi.
- (2) 15 students of EEE and 25 students from ECE accompanied by 4 staff members visited Bharat Heavy Electrical Limited, Tirumayam, pudukkottai on 29<sup>th</sup> October 2022.
- (3) An industrial visit was organized for civil department students on 03<sup>rd</sup> March 2023 to paramanthur barrage, Aranthangi railway station, Aqueduct, Sluice and Conduit at Avudaiyarkovil to have practical exposure at live sites.
- (4) An industrial visit comprising of Vikram Sarabhai space centre (ISRO), Thiruvananthapuram, Napier Musuem, Zoo, Kanakakunnu Palace around Thiruvananthapuram was Undertaken by third and final year students of ECE, CSE, EEE and Civil department accompanied by 10 Staff members on 31<sup>st</sup> March 2023 and 1<sup>st</sup> April 2023.

### **INPLANT TRAINING/INTERNSHIP**

#### **1. Civil Engineering**

- Ajitha.T, Divya.V, Magaiyarkarasi.G, Praveena.S, Liily John.J and Bhuvani.S of IV year civil attended an in plant training At SHABEE CONSTRUCTION PUDUKKOTTAI from 12.07.2022 to 12.08.2022.
- Aruljenifar.C, Muthulakshmi.S, Ragavi.S and Priyadarshini.K of IV year civil attended in plant training At PMP CONSTRUCTION TRICHY from 12.07.2022 to 12.08.2022.

- 4 students of second year Civil students attended Inplant training at Shabee Constructions ,Pudukkottai from 19.06.2023 to 30.06.2023 and 4 other students attended at Kamaal Constructions from 19.06.2023 to 30.06.2023
- Aswini.T, Geetha.M, Keerthi.S, Subathra.S, Bhavani.S and Megala.V of III year civil attended inplant training at WATER RESOURCE DEPARTMENT, VIRALIMALAI from 06.01.2023 to 31.01.2023.
- Four Students of Second year students attended Value added course on “Robotic process and Industrial Automation” and 3 Students of Second year students attended Value added course on “Block Chain development” and 2 Students of Second year students attended Value added course on “Digital Marketing” under NAAN MUTHALVAN Scheme.

## **2. Electrical and Electronics Engineering**

- All Final year students and Six Third year attended an Internship at SD PRO SOLUTIONS Trichy on “Embedded Systems and IOT” from 02.01.2023 to 14.01.2023 and 26.01.2023 to 28.01.2023.
- All Final year students attended an Internship at POWER INTEGRATED SOLUTIONS Trichy on “Electronics Design and Simulation” from 12.07.2022 to 30.7.2022
- Six Third year attended an Internship at POWER INTEGRATED SOLUTIONS Trichy on “Electronics Design and Simulation” from 21.07.2022 to 30.7.2022

## **3. Electronics and Communication Engineering**

- Nine students of third year attended an Internship at WITS SPIRE Trichy on “ Python Programming” from 30.12.2022 to 18.01.2023.
- Jaffarnisha.R, Megavadhana.A , Priyanka.R, Ragavi.V, Rajaprabha.M , Sasika.K and four other students of final year attended an Internship at

WITS SPIRE Trichy on “ Python Programming” from 09.01.2023 to 23.01.2023.

- 06 second year ECE students attended an internship on “Embedded Systems” at Galwin Technology, Trichy from 21-06-2023 to 30-06-2023.
- Dhanyashree.A from second year ECE student attended an internship on “Robotics” Internship at Kodacy from 12-06-23 to 28-06-2023.
- 05 second year ECE students attended an internship at Marcello Tech on “Artificial Intelligence composition Exploring Creative Possibilities” from 19-06-2023 to 26-06-2023.

#### **4. CSE Department**

- 20 students of Final year CSE attended an Internship at FANTASY Solutions Trichy on “Cloud Computing” from 20.07.2022 to 25.07.2022.
- 16 students of Third year CSE attended an Internship at GALWIN Technology Trichy on “Artificial Intelligence” from 21.07.2022 to 02.08.2022.
- 20 students of third year CSE attended an Internship at WITSPIRE Solutions Trichy on “ Python” from 04.01.2023 to 30.01.2023.

### **FACULTY DEVELOPMENT**

### **PAPER PUBLICATIONS**

### **INTERNATIONAL JOURNALS**

- **Mrs.R.Yogeswari, HoD/ECE** published a paper on “Envision of crops to prevent and reduce the usage of pesticide and fertilizers using Rasperry PI and AI” at International Journal of Advanced Research in Computer and Communication Engineering Volume 1, Issue 3, June 2022.
- **Dr.V.Vijaysaro, AP/ECE** published a paper on “A Novel Approach towards utilization of IOT in smart farming” in the International Journal of Innovative Research in Technology Volume 3, March 2023.

- **Mrs.Sathya.M AP/ECE** published a paper on “Compressed sensing image reconstruction using efficient algorithm” in the International Journal of Multidisciplinary Research Transaction, Volume 5, Issue 06, May 2023.
- **Mrs.G.Sugapriya, HoD/CSE and Saranya.C, Suryajothi.S, Rilwana parveen.J** of third year CSE published a paper on “AI Enhanced OT Security Tool-Gail” in the International Journal of Research and Analytical Reviews (IJRAR) Volume 5, Issue 06, May 2023.
- **Mrs.G.Rajalakshmi, AP/CSE and Darrshini.D, Muthulakshmi.G, Sandhiya.B** of third year CSE published a paper on “Ailment Predicted System” in the International Journal of Research and Analytical Reviews (IJRAR) Volume 5, Issue 06, May 2023.
- **Ms.S.Yogalakshmi, AP/CSE and Annapoorani.M, Muthumeenakshi M, Santhi D** of third year CSE published a paper on “An Evaluation on Plant Disease Prediction Using Deep Learning Techniques” in the International Journal of Research and Analytical Reviews (IJRAR) Volume 5, Issue 06, May 2023.

### CONFERENCES

- **Ms.R.Padma rani AP/CIVIL and Ms.P.Dennis Flora,AP/CIVIL** has published a paper on “An experimental study on total replacement of sand with plastic waste and crusher dust in paver blocks” in an international conference held at RAMCO INSTITUTE OF TECHNOLOGY on 05.01.2023
- **Mrs.G.Sugapriya, AP/CSE, Mrs.EL.Thanga Uma, AP/CSE and Ms.Parveen Banu, AP/CSE** published a paper on “AI Visual Examination on Manufacturing Industry to avoid Accidental death in work place” at national conference on Innovative technologies in engineering and research (NCITER-2023) on 10.03.2023.

- **Mrs.B.Priya.HOD/EEE**, has published paper on “Optimal power generation for critical and non-critical load with hybrid renewable system” in an international conference held at Vellammal College of Engineering, Madurai on 17.03.2023 and 18.03.2023.
- **Ms.G.Gayathri, AP/CIVIL** has published a paper on “Flexural behavior of concrete beam with partial replacement of quarry dust as fine aggregate”, **Ms.P.Dennis Flora.AP/CIVIL** has published a paper on “Usance of groundnut shell ash and waste cardboard pulp in concrete, **Ms.R.Padma rani AP/CIVIL and Ms.P.Dennis Flora, AP/CIVIL** has published a paper on “Utilization of soft drink bottle caps and palm fibre in concrete” **Ms.MazhiniRaci, AP/CIVIL** has published a paper on “Performance of column with different materials in clay soil” in an international conference held at Pandian Sarawathy Yadav Engineering College on 27.03.2023
- **Mrs.Sathya.M, AP/ECE and Mrs.G.Gopperundevi, AP/ECE** published a paper on “Low Complexity Architecture for matching of Data Encode with Hard systematic codes” at international conference on 10.04.2023 held at AVC college of Engineering, Mailaduthurai.
- **Mrs.B.Priya, HOD/EEE and Mrs.R.Yogeshwari, HOD/ECE** have published paper on “GPS based real time detection and reporting of Road potholes” and **Ms.K.A.Muthulakshmi, AP/ECE, Dr.Vijaysaro.V, AP/ECE and Mrs.Nithya poorani.V, AP/ECE** presented a paper on “IOT based low cost Air quality management Techniques” and **Mrs.S.Jayapratha, AP/CSE** published a paper on “GPS Based Real Time Detection and reporting of water potholes” at international conference in Advanced Research in Information and Communication Technologies (ICARICT-2023) at JP College of Engineering, Madurai on 19 & 20<sup>th</sup> April 2023.

- **Mrs.E.L.Thanga Uma, AP/CSE** published a paper on “Event of Violation detection in Industrial Environment” and another paper on “Design and implementation of Beauty Paradise” and **Mrs.S.Jayapratha, AP/CSE** published a paper on “Creating Application on Android for Women Safety” and another paper on “Interact Compute with Facial expression for tetraplegia user using Deep Learning” and **Mrs. G. Sugapriya, AP/CSE** presented a paper on “E-Voting System using ethereum network” and **Ms.Parveen Banu, AP/CSE** published a paper on “Liquid Petroleum hydro carbon Ocean coastal water pollution identification using Deep Neural Network” and also **Ms.S.Yogalakshmi, AP/CSE published** a paper on “Driver Recognition and Drowsiness detection using Deep Learning” and another paper on “E-Retail Book Store System” at international conference on Emerging Trends in Electrical, Electronics and Communication Technology (ICETEECET-2023) held at **Sri Rajarajan Engineering College and Technology, Karaikkudi** on 20.04.2023.
- **Mrs.Sathya.M, AP/ECE and Mrs.G.Goperundevi, AP/ECE** published a paper on “Compressed sensing image reconstruction using efficient algorithm” at international conference on 21.04.2023 held at St. Joseph College of Engineering and Technology, **Thanjavur**.
- **Mrs.G.Rajalakshmi, AP/CSE** published a paper on “Ailment Prediction System” and **Mrs.G.Sugapriya, AP/CSE** published a paper on “AI enhanced OT Security tool –GAIL” and **Mrs.S.Yogalakshmi, AP/CSE published** a paper on “An Evaluation of plant disease prediction using Neural network” at international conference on Information and Communication Engineering (ICICE2023) in Care College of Engineering, Trichy on 27<sup>th</sup> & 28<sup>th</sup> April 2023.

## **SPONSORSHIP FOR FDP / WORKSHOP / SEMINAR /**

### **1. Department of Civil Engineering**

- Ms.G.Gayathri, Mrs.P.Dennis Flora, Mrs.R.Padmarani, AP/Civil have attended online workshop on “An Overview of patents and procedure for protection” at Ramco institute of Technology, Rajapalayam on 20.01.2023.
- Mrs.R.Priya, ASP/Civil and Mrs.N.Chithirai Selvi AP/Civil attended a two day workshop on “Design bridges using STADD PRO” in Mepco Schlenk Engineering college, Sivakasi on 30.09.22-01.10.22.
- Mrs.R.Padmarani HoD/Civil, Mrs.P.Dennis Flora AP/Civil and Raci Mahizhini ,AP/Civil has attended a “Hands on training on total station” in Draft 3600 Topo Planners and Engineering Services ,Trichy on 23.07.2022.

### **2. Department of EEE**

#### **Mrs.B.Priya, HoD/EEE**

- FDP on “Inculcating Universal Human Values in Technical Education” from 06.12.2021 to 10.12.2021 conducted by AICTE.
- Has attended a webinar conducted by ISDE Academy, Chennai about IQAC and E Awareness workshop by NPTEL about NPTEL courses.
- Has got ISTE Membership.

#### **Mr.T.Parthiban, AP/EEE**

- Has attended two webinars conducted by ISDE Academy, Chennai about IQAC and E-Awareness workshop by NPTEL.
- Has attended NAAN MUDHALVAN FDP on “INDUSTRY 4.0” at Thiagarajar College of Engineering, Madurai on 21.09.2022 & 22.09.2022, “Machine learning with applications to object Recognition” at Infosys Technologies, Mahendra City, Chennai on 11.10.2022, “Design of Photovoltaic System” at Saranathan College of Engineering, Trichy from 13.02.2023 to 17.02.2023.
- Has got ISTE Membership.

**Mrs.A.Thaiyal Nayagi**, AP/EEE attended the following

- Has attended NAAN MUDHALVAN FDP on “ROBOTIC PROCESS AND INDUSTRIAL AUTOMATION” at College of Engineering Guidy on 11.02.2023 & 12.02.2023.

**Ms.K.A.Muthulakshmi**,AP/EEE

- Attended a Webinar on “Design of IQAC to attain effective accreditation” on 23.09.2022 organized by ISDE Academy, Chennai
- Attended Webinar on “Successful implementation of NIRF at your Institution” on 28.12.2022 organized by ISDE Academy, Chennai.
- Attended a NPTEL E- Awareness Workshop on "NPTEL COURSES” on 09.02.2023 conducted by NPTEL.
- Completed NPTEL Course on “Introduction of Internet Things” during January 2023 to April 2023 and got the certificate under “Swayam” course.
- Attended NAAN MUDHALVAN FDP on “Embedded system design for an industrial Applications “from 13.02.2023 to 17.02.2023 at Saranathan College of Engineering, Trichy.

**A.Abdul Baseeth,ASP/EEE, R.Ragadharshini,ASP/EEE and**

**C.Nanthini,AP/EEE**

- Attended a one day workshop on Embedded systems in HI-Tech Electronics,Trichy on 01.06.2023.

**Ms.M.Abirami,AP/EEE**

- Attended a one day workshop on AI Tools in BE10X on 14.05.2023.

### **3. Department of ECE**

**Mrs.R.Yogeshwari,ASP** attended the following

- FDP on “Microwave passive circuits” conducted by Madanapalle Institute of Technology, Andhrapradesh from 17.01.2023 to 21.01.2023.
- NPTEL Course on “Introduction of Internet Things” during July 2022 to October 2022 and got the certificate of Elite under “Swayam” course.



- FDP program conducted by Electronics and ICT Academy, IIT Roorke from 12.09.2022 to 16.09.2022.
- Workshop on “5G NOMA Communications” organized by CVR college of Engineering Hyderabad from 12.08.2022 to 13.08.2022.

**Dr.K.Ambujam Prof./ECE** attended the following

- Attended a online workshop on “Design and Analysis of Microwave Antenna using HFSS” at Vardhaman College of Engineering on 26.06.23 to 01.07.2023.

**Mr.Palaniappan.M, AP/ECE** attended the following

- Attended Webinar on “Design of IQAC to attain effective accreditation” on 23.09.2022 organized by ISDE Academy, Chennai
- Attended Webinar on “Successful implementation of NIRF at your Institution” on 28.12.2022 organized by ISDE Academy, Chennai
- Attended a NPTEL E- Awareness Workshop on "NPTEL COURSES” on 09.02.2023 conducted by NPTEL.
- Attended a one day online workshop on “AI Tools “ conducted by BE10X on 14.05.2023.
- Attended NAAN MUDHALVAN FDP on “Powering IOT using Arduino/ Rassberry pi” from 19.09.2022 to 23.09.2022 at Thiagarajar College of Engineering, Madurai.
- Attended an online Self paced training course on “MATLAB ONRAMP” and got certified on 25<sup>th</sup> February 2023.
- Attended online Webinar on “Enhancing TLP as per NAAC requirements” organized by ISDE Academy, Chennai on 23.02.2023.
- Attended online Webinar on “Programming Robotics using ROS and ROS2 using Matalb” from Matlab works on 23.03.2023.
- Attended NAAN MUDHALVAN FDP on “Powering IOT using Arduino/ Rassberrypi” from 19.09.2022 to 23.09.2022 at Thiagarajar College of Engineering, Madurai

**Mrs.G.Gopperumdevi , AP/ECE**

- Attended NAAN MUDHALVAN FDP on “Network Engineering” from 20.02.2023 to 24.02.2023 at Saranathan College of Engineering, Trichy.

**Mrs.V.Nithyapoorani , AP/ECE**

- Attended NAAN MUDHALVAN FDP on “Digital Marketing” from 13.02.2023 to 17.02.2023 at CARE Engineering college, Trichy.
- Attended NAAN MUDHALVAN FDP on “Augumented Reality Virtual Reality and Metaverse Development” on 23.09.2022 at Thiagarajar College of Engineering, Madurai.
- Attended a online workshop on “Design and Analysis of Microwave Antenna using HFSS” at Vardhaman College of Engineering on 26.06.23 to 01.07.2023.

**Dr.Vijaysaro.V, AP/ECE** attended the following

- Attended a one day workshop on “IOT using MATLAB” at Marcello Tech, Trichy on 09.01.2023.
- Attended 5 days- FDP on “IOT induced Artificial intelligence for emerging Computing Paradigms” from 04.10.2023 to 08.10.2023 at Dr.B.R.Ambedkar National Institute of Technology, Jalandhar.
- Attended a NPTEL E- Awareness Workshop on "NPTEL COURSES" on 09.02.2023 conducted by NPTEL.
- NPTEL Course on “Introduction of Internet Things” during January 2023 to April 2023 and got the certificate of Elite Silver under “Swayam” course.
- Attended online NAAN MUDHALVAN FDP on “Professional Readiness for Innovation, Employment and Entrepreneurship” from 19.09.2022 to 23.09.2022.

**Mrs.T.K.Mohanapriya,ASP/ECE** attended the following

- Attended a one day workshop on “AI Tools” in BE10X in 14.05.2023.

**Ms.P.Keerthana, AP/ECE** and **Mrs.M.Suganya, AP/ECE** attended the following

- Attended a one day workshop on IOT using MATLAB IN MarcelloTech in 09.01.2023.

## **5. Department of CSE**

The following staff members have attended NAAN MUDHALVAN FDP’s

- **Ms.P.Subha, AP/CSE** in “Block chain” from 19.09.2022 to 21.09.2022 at Thiagarajar College of Engineering, Madurai.
- **Mr.R.Vijay, ASP/CSE** attended a one day workshop on “IOT using MATLAB” at Marcello Tech on 09.01.2023.
- **Mrs.S.Jayapratha, AP/CSE** in “Big data” on 23.09.2022 at Saranathan engineering college, Trichy and on “Machine learning” on 11.10.2022 at Infosys Spring Board, Chennai.
- **Mrs.G.Sugapriya, AP/CSE,** in “Networking Essentials” from 09.03.2023 to 20.04.2023 at Cisco Networking Academy, Chennai and “Machine learning” on 11.10.2022 at Infosys Spring Board, Chennai.
- **Mrs.EL.Thanga Uma, AP/CSE** in “Cloud computing” on 09.10.2022 at Dhanalakshmi Srinivasan University, Trichy and “Cyber Security” on 12.10.2022 at Dhanalakshmi Srinivasan University, Infosys Spring Board, Chennai.
- **Mrs.S.Yogalakshmi, AP/CSE,** in “Full Stack Web Development” from 27.02.2023 to 01.03.2023 and attended a online ATAL FDP on “Artificial Intelligence” from 20.02.2023 to 24.02.2023.
- **Mrs.M.Parveen Banu, AP/CSE** in “Full stack” on 12.10.2022 at Infosys Spring Board, Chennai.

- **Mrs.G.Rajalakshmi, AP/CSE** in “Block Chain Development” from 27.02.2023 to 01.03.2023 at Care College of Engineering and Technology, Trichy.

**Mrs. K.Priyanka, Mrs. G.Bhuvaneshwari, & Mrs. S.Lavanya Prabha AP/CSE,**

- Attended a two day workshop on “Algorithm Tools and Techniques- Theory and Practical Approach” at K.Ramakrishna College of Engineering, Trichy on 27.02.2023 & 28.02.2023.

**Mr.S.Rameshraj,AP/English,Mrs.R.Saratha,ASP/Physics,Mrs.S.Renuga devi, AP/Chemistry,Mr.S.Rajapandiyar,AP/GE &Ms.R.Divya,AP/Maths**

- Attended a one day workshop on Teaching Methodologies using CHATGPT and AI Tools in Roboo Tech India Private Ltd.,Chennai on 06.05.2023.

## **STUDENT PARTICIPATION IN SYMPOSIUMS, WORKSHOP, SEMINAR AND CONFERENCES**

### **1) Civil Engineering Department**

- Ragavi.V and Priyadarshini.K of final year civil presented a paper and secured **Third Prize** With a **Cash Award of RS 500/-**. Aruljenifar.C of final year civil won **First Prize** in code cracking and Muthulaksmi.S of final year civil presented a paper in National level Technical Symposium at Chenduran college of Engineering on 03.03.2023
- Muthulaksmi.S, Ragavi.V and Liily John.J of final year appeared at GATE Exam and Secured appreciable score.

### **2) ECE Department**

- K.Sasika of final year ECE has got **FIRST PRIZE** in English Essay Writing and **CASH AWARD OF RS.3000** from Arivial Sangam on 09.09.2022 and Seven Final year ECE students participated in the same event.

- V.Ragavi of final year ECE has got **THIRD PRIZE AND CASH AWARD OF RS.1000/-** in the Tamil Essay Competition organized by the Arivial Sangam on 09.09.2022.
- Six final year students attended workshop on “Embedded systems” on 17.09.2022 at Galwin Technology, Trichy.
- Rajaprabha.M and R.Jaffarnisha of final year ECE and S.Abirami and P.Soniya of third year ECE presented a paper in national level symposium at Mount Zion College of Engineering on 27.10.2022.
- Four final year students S. Manisha, M.Rajapraba, R.Jaffarnisha and K. Sasika attended workshop on “Embedded systems” on 25.12.2022 at K.Ramakrishna College of Engineering and Technology.
- S.Abirami, K.Jeyasri , V.Senpagaharini and P.Soniya of third year ECE and M.Subalakshmi and V.Keerthana of second year ECE presented a paper in national level symposium organized by Chenduran College of Engineering on 03.03.2023.
- S.Abirami, K.Jeyasri , V.Senpagaharini and P.Soniya of third year ECE presented a paper in international conference at Periyar Maniyammai college of Engineering and Technology on 15.03.2023.
- M.Rajaprabha, R.Jaffar Nisha, P.Ananthi, R.Priyanka, A.Aashima and A.Megavadhana participated in Quiz competition held at national level symposium organized by Rajarajan College of Engineering on 20.03.2023.
- Jaffar Nisha, Priyanka of IV ECE got **FIRST PRIZE in “Face painting”** in the events held in connection with international Women’s day at our college.

### **3) EEE Department**

- Pavithra.M of final year EEE participated in a national level Technical Symposium held at Shanmuganathan Engineering College on 03.06.2022.

- Abinaya.S, Deepika.R , Pavithra.M and Aarthy.N of final year EEE participated in a national level Technical Symposium held at Mount Zion Engineering College on 28.10.2022.
- Abinaya.S, Pragadeeshwari.A, Pavithra.M and Sivaranjani.S of final year EEE participated in workshop held at Kings Engineering College on 04.11.2022.
- Abinaya.S, Pragadeeshwari.A, Deepika.R and Ragavi.R of final year EEE participated in a national level Technical Symposium held at Sri Raajarajan Engineering College on 20.03.2023.
- Aashika.R and Sivaranjani.S of final year EEE secured **SECOND PRIZE AND CASH AWARD of Rs.1000** in project Expo in a national level Technical Symposium held at Mookambigai College of Engineering on 24.03.2023 and Nisha.s and Pavithra.M of Final year EEE also participated in that symposium.
- Kayalvizhi.K, Kaviya.R and Kopperundevi.S of third year EEE secured **SECOND PRIZE** in project Expo in a Science day celebration at our college on 28.02.2023.
- Kopperundevi.S and Kaviya.R of third year EEE participated in a national level Technical Symposium held at Alagappa Chettiar College of Engineering on 01.03.2023.
- Kayalvizhi.K, Srinanthana.S, and Sri Bharathi.S of third year and A.Gokula Praveena and S.Sumithra of second year EEE participated in a national level Technical Symposium held at Chenduran College of Engineering on 03.03.2023.
- Kayalvizhi.K, Ramadevi.S, Srinanthana .S, and Sri Bharathi.S of third year EEE participated in a national level Technical Symposium held at Mount Zion College of Engineering on 24.04.2023.
- Abinaya.S , Deepika.R and Pragadeeshwari.A of final year got first prize in rangoli held in our college on 08.03.2023.

- N.Aarthy of final year got **SECOND PRIZE** in classical dance in the womans day celebration event held at our college and R.Deepika and S.Nisha got **SECOND PRIZE** for folk dance in the same event.
- R.Aashika of final year EEE appeared at GATE Exam and Secured appreciable score.

#### **4) CSE Department**

- S.Sabha Aysha of III Year CSE got **SECOND PRIZE** in “ Capture the Flag” in a national level Technical Symposium held at Shanmuganathan Engineering College on 01.06.2022 and Nine Students of III CSE also Participated in same symposium.
- Four Students of III CSE presented a paper in a national level Technical Symposium held at K.Ramakrishna Engineering College on 24.09.2022.
- P.Prasannadevi of III CSE got **THIRD PRIZE** in “Cyber Ethnicity” held at a national level Technical Symposium in Mount Zion Engineering College on 20.10.2022 and Five Students of III CSE also Participated in same symposium.
- Eight Students of Final year CSE participated in a national level Technical Symposium held at Sri Raajarajan Engineering College on 20.10.2022.
- V.Hema, S.Sabha Aysha and C.Subashini of III CSE got **SECOND PRIZE** and S.Kalaivani and Roshika.K of III CSE got **THIRD PRIZE** in “ Project Expo “ held at our College in connection with National Science Day.
- Elackiya of Second yaer CSE Nandhini and Kaliavani of III Year CSE attended online Workshop at Galwin Technology, Trichy on 20.11.2022.
- Four Students of Second year CSE participated in a national level Technical Symposium held at Chenduran Engineering College on 03.03.2023.

- Harshitha , Shaheena Begam and Shamima participated in “ Top Coder 2023 “ Event held at Sudharsan Engineering College on 18.03.2023.
- Twelve students of Final year CSE participated in a national level Technical Symposium held at Mookambigai Engineering College on 24.03.2023.
- C.Subashini got **FIRST PRIZE AND SHIELD** in “ Superficio” and P.Prasanna Devi got **SECOND PRIZE** in “Creators corner” of III Year CSE held in a national level Technical Symposium at Alagappa Chettiar Government Engineering College on 26.04.2023 and Eight Students of III CSE also Participated in various events in the same symposium.
- C.Subashini of III Year CSE got **FIRST PRIZE** in “ Paper presentation” and **SECOND PRIZE** in “ Connexion” , Helan, Roopina and Sneha of III CSE got **THIRD PRIZE** in “ Paper presentation” , and T.Vanathi of III CSE got **THIRD PRIZE** in “ QUIZ” held in a national level Technical Symposium at Mahath Amma Engineering College on 28.04.2023 and Three Students of III CSE and Nine Students of Final Year CSE also Participated in various events in the same symposium.
- M.Annapoorani and D.Santhi of Final Year CSE got **FIRST PRIZE** in “Paper presentation” and S.Sabha Aysha and V. Helan, of III CSE got **SECOND PRIZE** in “ Paper presentation”, held in a national level Technical Symposium at Shanmuganathan Engineering College on 29.04.2023 and Three Students of III CSE and Four Students of Final Year CSE also Participated in various events in the same symposium.
- V.Hema, M.Subashini, C.Subashini, R.Vaishnavi, S.Akalya, S.SabhaAysha, S.SivaHrarini D.Sivagami and S.Vincia Mary of III CSE Published papers on international conference in Emerging Trends in Electrical, Electronics and Communication Technology (ICETEECET-2023)



- V.Arunnavameena, P.Dayana, S.Parameswari, B.Fahmida, S.Gulnas Fathima, R.Nioshika, R.Keerthana , K.Ranjaniand S.Abinaya, J.Rilwana Parveen, C.Saranya, S.Suriyajothi, D.Dharshini, G.Muthulakshmi, B.Sandhiya, M.Annapoorani, M.Muthumeenakshi, D.Santhi, J.Helan, R.Roopina and R.Sneha of Final Year CSE published papers in international conference on Information and Communication Engineering (ICICE2023)
- P.Nandhini of III CSE Got **SECOND PRIZE** and **CASH WASRD OF RS 3000/-** at Essay Writing in International Conference on Sir C.V.Raman Event held on 09.09.2022 and around 21 CSE Students participated in that event.
- Hema.V, Sabha Aysha.S and Subashini.C participated in Tamil Valarchi Thurai's "Kamarajar Ninaivugal" Speech competition on 15.09.2022.
- P.Nandhini, III/CSE got third prize in essay writing and J.Rilwana Parveen, IV/CSE got consolation prize in drawing in state level competition conducted by Sriram Elakkiya Kazhagam held on 30.10.2022.
- Sivagami.D got **FIRST PRIZE** And Subashini.C got **SECOND PRICE** in a speech competition held on 31.10.2022.
- Five Students of II CSE got participated in Womens day Essay writing held at Vidhya Educational Trust on 08.03.2023.
- Two Students of III CSE got participated in Drawing Competition held at Vaagai Tamil Sangam on 24.03.2023.
- D.Dharshini, IV/CSE got shield and second prize in essay writing in state level competition conducted by Nadar Saraswathi College of Engineering & Technology held on 15.7.2023.
- S. Subadharshini of III CSE got **FIRST PRIZE** in Poetry and M. Pavithra of I ECE **THIRD PRIZE** in Essay Writing held at Nadar Saraswathi Engineering College, Theni on 15.08.2023

- 33 cultural and 08 sports activities were conducted to celebrate various important days and also Prizes were distributed for the students who won in the competitions held at SBECW.

### **Certificate Courses / Value Added Courses Offered**

The following Certificate courses/Value Added Courses have been conducted by our faculty members/External experts for various programmes during the Odd and Even Semester of the academic year 2022-23.

#### **Department of Civil Engineering**

##### **(Odd Semester)**

“Construction Project management” and “Construction Safety and practices”

##### **(Even Semester)**

“Disaster Mitigation & Preparedness”

#### **Department of CSE**

##### **(Odd Semester)**

“Internet of Things with Python “, “R Language Basics” “Learn PHP and My SQL”, “Recent Trends in Wireless Sensor Networks”

##### **(Even Semester)**

“Cyber Security”, “Web Scripting”, “Building Scalable web application with Node JS”

#### **Department of ECE**

##### **(Odd Semester)**

“Circuit Debugging with PCB Design” ,“IOT with Python Programming”, “Different Methodologies for IC Design”, “Real-time Sensor Data Processing with Python for IoT Applications conducted by Galwin Technology -31 ECE Students.

**(Even Semester)**

- Recent applications in IoT using Arduino and Raspberry Pi conducted by Department of ECE ,SBECW - 31 ECE Students.

**Department of EEE****(Even Semester)**

Real Time Applications of Arduino Uno Boards

**(Odd Semester)**

- Internet of Things with Python
- ESP8266 node MCU for IoT
- Basic Circuit Analysis and Design
- Renewable energy systems

**Department of Science and Humanities****(Odd Semester)**

Microsoft proficiency conducted by Notus Soft solution - I Year-115 Students.

**(Even Semester)**

Web development using online tools conducted by WitSpire Solutions - I Year-113 Students.

**PLACEMENT:**

- In the academic year 2022-2023, 47 students were placed in leading companies such as **S&K Universal Electronics pvt ltd, Microchip Technology pvt ltd, Valeo India pvt ltd, TVS Electronics pvt ltd, Safety Professionals(T&C), AKAS Infusions, G tech Solutions, Fern Software, GEM3S Technologies pvt ltd, Harish Homes & Sri Kamatchi Construction.**

## **MoU's Signed**

We have been signing MoU's with industries mainly for the benefit of the students and to get practical knowledge in the trending technological advancement in the fields of various branches of engineering, to impart on the spot training, to enhance with value added courses etc.

This year we signed MoU's with

- NIT–Centre of Excellence in Manufacturing, Trichy
- WITSPIRE Inspiration to Innovation, Trichy
- MARZ Technology, Karaikkudi.
- INDIGUARD Systems, Thanjavur.
- INTERLOGICX Embedded Solutions, Thanjavur.
- VI MICRO SYSTEMS PVT. LTD., Chennai.

## **FUTURE PLANS**

- (1) Planning to start additional UG courses
- (2) Ladies hostel exclusively for Engineering Students
- (3) Planning to go for NAAC accreditation

## CONCLUSION

Now it is high time for me to conclude the annual report for the academic year 2022-2023. All the conclusions are blessed when they are offered to the feet of almighty. All conclusions are gist of achievements and such achievements are not possible without the blessings of the almighty.

Our sincere thanks to our Chairman for his leadership and constant support inspire us always.

Thanks to the Secretary for his guidance and pushing forward the morale of the entire institution.

My special thanks to our correspondent Er.N.Kanagarajan for taking keen interest in the development of the engineering college; both academic and infra facilities.

I thank **Mr. A. Krishnamoorthy and all of the** Trust members for their efforts and support made to the development of our college.

I am extremely proud of the dedicated team of teaching and non-teaching staff, whose dedication and hard work are appreciated by all. Let us congratulate and thank them for their effort and hard work.

Thanks to the students and their parents for their continued co-operation.

My special thanks and congratulations to all those who are associated with our Institution for its progress in one way or other.

Thank You.

**Dated: 28<sup>th</sup> July 2023**

**PRINCIPAL**  
**(Dr. S.Thilagavathi)**