



ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution)

PERUNDURAI , ERODE - 638 057



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING

NEWSLETTER

"I'M NOT ARGUING. I'M JUST EXPLAINING
WHY I'M RIGHT." - ENGINEERS
EVERYWHERE

WHIZZCOM CHRONICLE

JAN - JUNE 2023

LET'S TALK ABOUT
THE FUTURE

VOLUME - II

www.erode_sengunthar.ac.in

VISION

To impart professional excellence, leadership qualities and competence, embedded with character in students and serve the society through research.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was started in the year 2000. It offers UG Programme (B.E.) in Electronics and Communication Engineering and PG Programme (M.E.) in Applied Electronics. The Department has also been recognized as a centre for carrying out Ph.D. Programme under Anna University. It has good infrastructural facilities with well-experienced and dedicated team of faculty members. The Department has signed MoU with various companies and has collaboration in Research & Development / Student Projects Consultancy works. The Department organizes National level Students' Technical Symposia and Project Exhibition every year.



MISSION

- Create Learning Environment to serve the societal needs. Impart state of art Technical Education to groom engineers with high professional standards.
- Promote innovative ideas and augment research to improve the quality of life through application of technologies.
- Provide high quality ethical engineers for the Benefit of the Society.



Programme Educational Objectives (PEOs)

- Impart the learners, an ability to understand and use analytical, academic and communication skills effectively with special emphasis to fulfill societal needs.
- Inspire the beginners to enrich their skills throughout career by learning about emerging technologies, adapting and accepting the changes to achieve leadership position in industry or academia.
- Prepare graduates to innovate products/solutions through research to real life problems for boosting the economy of the region and the nation.
- Prepare graduates to work effectively as a team and practice ethics in the profession with a sense of social responsibility.

Courses Offered:
B.E. Electronics and Communication Engineering (4 Years),
M.E. Applied Electronics (2 YEARS) & Ph.D.,

Program Specific Outcomes (PSO)

PSO1: Interpretation Skills: Acquire skills to design, verify and validate electronic functional elements for a variety of applications.

PSO2: Core Competences: Ability to use hardware and software tools to solve complex problems in VLSI, Communication, RF and Embedded Systems.

PSO 3: Attitude: Develop an attitude of lifelong learning for sustained career advancement and adapt to the changing multidisciplinary profession.



Message From the HOD

I'm pleased to announce that the Department of Electronics and Communication Engineering has released its Newsletter for Academic Year 2022-23, which details the different activities and achievements of our faculty and students. I wish that this would ignite the fires of enthusiasm in students. It gives me immense pleasure to note that the "Whizzcom Chronicle", the newsletter of the department is ready for launch. The big theme today is to focus on creativity and innovation alongside academics. The newsletter is the best platform to showcase the innovations, achievements & thoughts of the students, faculty & staff of the department. This newsletter should be a good source of guidance for faculty and students in choosing activities of their choice in their future for building their careers. I appreciate the efforts of the Editorial team who have done an excellent job in compiling departmental activities over the year and disseminate them through this newsletter.

SERVICE

CHARACTER

EXCELLENCE



TABLE OF CONTENTS



01 Association Activities

02 R&D proposals Granted

03 Faculty Participation

04 Faculty Achievements

05 Faculty Publications

06 Student's Participation

07 Student's Achievements

08 NPTEL Course Details

09 Student's Placement

10 Women's Day 2K23 Celebration

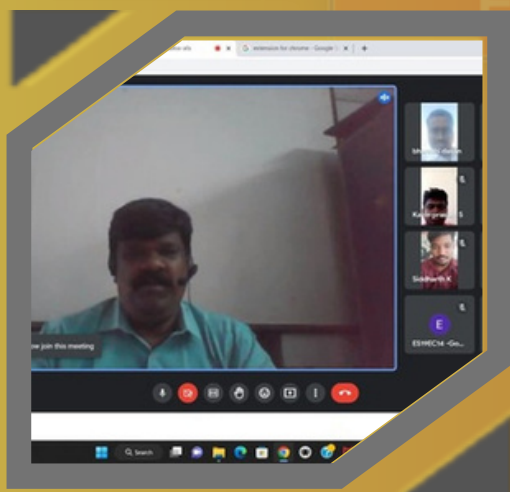


ASSOCIATION ACTIVITIES



The Department of ECE Organized an **"Industrial Product Design and Manufacturing using PCB Designing"** held from 09.01.2023 to 13.01.2023 . The Chief Guest for the event was Mr.Sundaramoorthy, CEO, Sunshiv Electronic Solutions, Coimbatore provided the hands on session for the students.

The Department of ECE Organized a guest lecture on **"Tech Lead, Develops and Automation"** held on 25.01.2023. Mr.A.Azarudeen, Associate Engineer, CTS Technologies, Coimbatore delivered the guest lecture.



The Department of ECE Organized an online Expert Talk entitled **"Entrepreneurship and Innovation as Career Opportunities"** held on 25.02.2023 Saturday from 10 AM to 11.30 AM. The resource person for the event was Mr.S.Sundaramoorthy, CEO, Sunshiv Electronic Solutions, Coimbatore. students were able to get knowledge on the Entrepreneurship through Innovation and job opportunities in Industries.



The Department of ECE Organized a one day National seminar on “Design of Antenna at Public Safety Spectrum for Mission Critical Communications in GHz Band” held on 19 April 2023 from Indian Council of Social Science Research (ICSSR) delivered the guest lecture.

The Department of ECE Organized an Five days National level Technical Workshop on "Analog and Mixed Signal VLSI Design and Prototyping using Open Source EDA Tools" from 19.06.2023 to 23.06.2023 at ECE Smart Classroom. The Guest speakers were from reputed Industries and Institutions. Participants from different Institutions were benefited through the hands on session on Advanced EDA tools.



R&D Propoasal Granted

- ◆ *Mr. V. Thamizharasan, Assistant Professor/ECE, received a grant of worth Rs.50,000 from TNSCST under Dissemination of Innovative Technology (DIT) Scheme for The Training Programme on ‘Smart precision and automatic farming (Agriculture) through Modern ICT’ during the Academic Year 2022-’23.*
- ◆ *Mr. V. Thamizharasan, Assistant Professor/ECE, and Mr. M. Karthikkumar, Assistant Professor/ECE, received a grant of worth Rs.50,000 from SERB (Science and Engineering Research Board) under Assistance to Professional Bodies & Seminar / Symposia Scheme for workshop on ‘Analog and Mixed Signal VLSI Design & Prototyping using open-source EDA Tools’ during the Academic Year 2022-’23.*
- ◆ *Mr. V. Thamizharasan, Assistant Professor/ECE, received a grant of worth Rs.50,000 from TNSCST (Tamil Nadu State Council for Science and Technology) under SPS (Students Project Scheme) for project title of ‘Design and implementation of mini-FM using LI-FI technology’ during the Academic Year 2022-’23.*
- ◆ *Dr.A.Sathish Kumar, Professor and Dhiyya Priya E L, Assistant Professor/ECE, received a grant of worth Rs. 50,000/- for conduct of workshop titled “Design of Antenna at Public Safety Spectrum for Mission Critical Communications in GHz Band” on 19 April 2023 from Indian Council of Social Science Research (ICSSR).*

SERVICE

CHARACTER

EXCELLENCE

FACULTY PARTICIPATION

Dr. S.Poorani

- ★ **Topic:** *“National intellectual property awarnesss mission”*
Organizer: Intellectual Property Office and MoE's Innovation Cell
Date: 24.01.2023
Duration: 1 day
- ★ **Topic:** *“Short term course on “Antenna design engineering”*
Organizer: Wave Antenna Research Center
Date: 03.04.2023
Duration: 1 day

Dr.R.Kalaivani

- ★ **Topic:** *“National intellectual property awarnesss mission”*
Organizer: Intellectual Property Office and MoE's Innovation Cell
Date: 24.01.2023
Duration: 1 day
- ★ **Topic:** *“Analog and Digital Modulation Techniques using Analog Devices RF Transceiver ADALM PLUTO”*
Organizer: IETE-Erode Centre & Kongu Engineering College
Date: 28.01.2023
Duration: 1 day
- ★ **Topic:** *“Master Class on Machine Learning”*
Organizer: Panteche Learning Pvt ltd
Date: 11.01.2023 to 10.02.2023
Duration: 1 Month
- ★ **Topic:** *“Webinar on IEEE Explore”*
Organizer: Erode Sengunthar Engineering College
Date: 23.02.2023
Duration: 1 day

Dr.A.Santhoshbabu

- ★ **Topic:** “*National intellectual property awarnesss mission*”
Organizer: Intellectual Property Office and MoE's Innovation Cell
Date: 24.01.2023
Duration: 1 day

Dr.S.Bharathidasan

- ★ **Topic:** “*National intellectual property awarnesss mission*”
Organizer: Intellectual Property Office and MoE's Innovation Cell
Date: 24.01.2023
Duration: 1 day
- ★ **Topic:** “*Webinar on IEEE Explore*”
Organizer: Erode Sengunthar Engineering College
Date: 23.02.2023
Duration: 1 day

Dr.G.S.Satheesh kumar

- ★ **Topic:** “*National intellectual property awarnesss mission*”
Organizer: Intellectual Property Office and MoE's Innovation Cell
Date: 24.01.2023
Duration: 1 day

Mr.S.Madhan Mohan

- ★ **Topic:** “*National intellectual property awarnesss mission*”
Organizer: Intellectual Property Office and MoE's Innovation Cell
Date: 24.01.2023
Duration: 1 day
- ★ **Topic:** “*Short term course on Antenna design engineering*”
Organizer: Wave Antenna Research Center
Date: 03.04.2023
Duration: 1 day

Ms.M.Ramya

- ★ **Topic:** *“National intellectual property awarness mission”*
Organizer: Intellectual Property Office and MoE's Innovation Cell
Date: 24.01.2023
Duration: 1 day
- ★ **Topic:** *“Short term course on “Antenna design engineering”*
Organizer: Wave Antenna Research Center
Date: 03.04.2023
Duration: 1 day

Mr.V.Thamizharasan

- ★ **Topic:** *“Attended FDP on Innovation in Mentoring Pedagogy and Incorporation of ICT Techniques in Education”*
Organizer: Paavai Engineering College
Date: 30.01.2023 to 04.02.2023
Duration: 6 days
- ★ **Topic:** *Participated in Five Days Online Faculty Development Programme on “Recent Trends and Innovations in Electric Vehicles”*
Organizer: Sri Krishna College of Technology, Coimbatore
Date: 30.01.2023 to 03.02.2023
Duration: 5 days

Mr.M.Karthikkumar

- ★ **Topic:** *“Attended FDP on Innovation in Mentoring Pedagogy and Incorporation of ICT Techniques in Education”*
Organizer: Paavai Engineering College
Date: 30.01.2023 to 04.02.2023
Duration: 6 days

Mr.S.Harikrishna

- ★ **Topic:** “*National intellectual property awarnesss mission*”
Organizer: Intellectual Property Office and MoE's Innovation Cell
Date: 24.01.2023
Duration: 1 day

Ms.R.Vasanthi

- ★ **Topic:** “*National intellectual property awarnesss mission*”
Organizer: Intellectual Property Office and MoE's Innovation Cell
Date: 24.01.2023
Duration: 1 day
- ★ **Topic:** "Short term course on “*Antenna design engineering*”
Organizer: Wave Antenna Research Center
Date: 03.04.2023
Duration: 1 day

Mr.V.Venkateswaran

- ★ **Topic:** “*National intellectual property awarnesss mission*”
Organizer: Intellectual Property Office and MoE's Innovation Cell
Date: 24.01.2023
Duration: 1 day
- ★ **Topic:** "Short term course on “*Antenna design engineering*”
Organizer: Wave Antenna Research Center
Date: 03.04.2023
Duration: 1 day

Mr.N.Parthiban

- ★ **Topic:** “*National intellectual property awarnesss mission*”
Organizer: Intellectual Property Office and MoE's Innovation Cell
Date: 24.01.2023
Duration: 1 day

★ *Topic: "Short term course on **“Antenna design engineering”***

Organizer: Wave Antenna Research Center

Date: 03.04.2023

Duration: 1 day

Mr.A.R.Karthikeyan

★ *Topic: **“National intellectual property awarnesss mission”***

Organizer: Intellectual Property Office and MoE's Innovation Cell

Date: 24.01.2023

Duration: 1 day

★ *Topic: "Short term course on **“Antenna design engineering”***

Organizer: Wave Antenna Research Center

Date: 03.04.2023

Duration: 1 day

Mr.S.Premkumar

★ *Topic: **“National intellectual property awarnesss mission”***

Organizer: Intellectual Property Office and MoE's Innovation Cell

Date: 24.01.2023

Duration: 1 day

Mr.M.Jawaharbabu

★ *Topic: **“National intellectual property awarnesss mission”***

Organizer: Intellectual Property Office and MoE's Innovation Cell

Date: 24.01.2023

Duration: 1 day

★ *Topic: "Short term course on **“Antenna design engineering”***

Organizer: Wave Antenna Research Center

Date: 03.04.2023

Duration: 1 day

Mrs.K.Thivyaprabha

- ★ **Topic:** *“National intellectual property awarnesss mission”*
Organizer: *Intellectual Property Office and MoE's Innovation Cell*
Date: 24.01.2023
Duration: 1 day
- ★ **Topic:** *"Short term course on “Antenna design engineering”*
Organizer: *Wave Antenna Research Center*
Date: 03.04.2023
Duration: 1 day

Mrs.R.Vaishnavi

- ★ **Topic:** *“National intellectual property awarnesss mission”*
Organizer: *Intellectual Property Office and MoE's Innovation Cell*
Date: 24.01.2023
Duration: 1 day
- ★ **Topic:** *"Short term course on “Antenna design engineering”*
Organizer: *Wave Antenna Research Center*
Date: 03.04.2023
Duration: 1 day

Ms.A.Asuvathi

- ★ **Topic:** *“National intellectual property awarnesss mission”*
Organizer: *Intellectual Property Office and MoE's Innovation Cell*
Date: 24.01.2023
Duration: 1 day
- ★ **Topic:** *"Short term course on “Antenna design engineering”*
Organizer: *Wave Antenna Research Center*
Date: 03.04.2023
Duration: 1 day

Ms.C.Mekala

★ **Topic:** *“National intellectual property awarnesss mission”*
Organizer: Intellectual Property Office and MoE's Innovation Cell
Date: 24.01.2023
Duration: 1 day

Mrs.K.R.Priyadharasini

★ **Topic:** *“National intellectual property awarnesss mission”*
Organizer: Intellectual Property Office and MoE's Innovation Cell
Date: 24.01.2023
Duration: 1 day

★ **Topic:** *“Attended FDP on Innovation in Mentoring Pedagogy and Incorporation of ICT Techniques in Education”*
Organizer: Paavai Engineering College
Date: 30.01.2023 to 04.02.2023
Duration: 6 days

★ **Topic:** *“Webinar on IEEE Explore”*
Organizer: Erode Sengunthar Engineering College
Date: 23.02.2023
Duration: 1 day

Ms.E.L.Divyapriya

★ **Topic:** *“Acted as resource person and delivered a Hands on Training on “Practicing ALP for Microprocessor and Microcontroller Design””*
Organizer: Department of EEE in association with BEES Association and IEI, KSR Institute for Engineering and Technology, Tiruchengode
Date: 18.02.2023
Duration: 1 day

★ **Topic:** *“Acted as resource person and delivered a Guest Lecture on “Digital Modulation and Transmission Techniques”*
Organizer: Department of ECE, Francis Xavier Engineering College
Date: 06.03.2023
Duration: 1 day

Mr.S.Gladson

- ★ **Topic:** “*National intellectual property awarnesss mission*”
Organizer: Intellectual Property Office and MoE's Innovation Cell
Date: 24.01.2023
Duration: 1 day
- ★ **Topic:** Participated in Five Days Online Faculty Development Programme on “*Recent Trends and Innovations in Electric Vehicles*”
Organizer: Sri Krishna College of Technology, Coimbatore
Date: 30.01.2023 to 03.02.2023
Duration: 5 days
- ★ **Topic:** Attended an online Training/ Webinar on “*IEEE Xplore*”
Organizer: Erode Sengunthar Engineering College, Erode
Date: 24.02.2023
Duration: 1 days
- ★ **Topic:** ““*Design Thinking: Problem Solving Approach for Electrical Engineers*”
Organizer: Dr. Jebarani Evangeline S., M.E, Ph.D., Associate Professor & Head, Department of EEE, SNS College of Engineering, Coimbatore
Date: 29.03.2023
Duration: 1 day

Mrs.E.Sharmila

- ★ **Topic:** “*National intellectual property awarnesss mission*”
Organizer: Intellectual Property Office and MoE's Innovation Cell
Date: 24.01.2023
Duration: 1 day
- ★ **Topic:** “*Webinar on IEEE Explore*”
Organizer: Erode Sengunthar Engineering College
Date: 23.02.2023
Duration: 1 day

Mrs.G.Amsaveni

★ **Topic:** *“Analog and Digital Modulation Techniques using Analog Devices RF Transceiver ADALM PLUTO”*

Organizer: *IETE-Erode Centre & Kongu Engineering College*

Date: *28.01.2023*

Duration: *1 day*

★ **Topic:** *“Webinar on IEEE Explore”*

Organizer: *Erode Sengunthar Engineering College*

Date: *23.02.2023*

Duration: *1 day*

Ms.J.Jasmin Shifa

★ **Topic:** *“National intellectual property awarnesss mission”*

Organizer: *Intellectual Property Office and MoE's Innovation Cell*

Date: *24.01.2023*

Duration: *1 day*

Mrs.J.Nalifabegam

★ **Topic:** *“National intellectual property awarnesss mission”*

Organizer: *Intellectual Property Office and MoE's Innovation Cell*

Date: *24.01.2023*

Duration: *1 day*

FACULTY PUBLICATIONS

★ Ms.E.L.Divyapriya, Assistant Professor, Department of ECE presented the Paper titled **“Analysis of V2V Planar antenna at the frequency range of 3 GHz –7 GHz resonance”** Second International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT), organized by K. Ramakrishnan College of Engineering, Trichirappalli during 05 – 07, April 2023.

★ Mr.M.Karthikkumar, Assistant Professor, Department of ECE presented the Paper titled **“Design and analysis of Wallace tree-based multiplier using Approximate adders for improving the execution rate of electronic circuits”** in the 4th International conference on Engineering and advancement in technology 2023 held on 16.06.202 to 17.06.2023 at Malla Ready College of Engineering, Hyderabad.

★ Dr.R.Kalaiyani, Professor, Department of ECE presented the Paper titled **“Design and analysis of Wallace tree-based multiplier using Approximate adders for improving the execution rate of electronic circuits”** in the 4th International conference on Engineering and advancement in technology 2023 held on 16.06.202 to 17.06.2023 at Malla Ready College of Engineering, Hyderabad.

★ Mr.V.Thamizharasan, Assistant Professor, Department of ECE presented the Paper titled **“Design and analysis of Wallace tree-based multiplier using Approximate adders for improving the execution rate of electronic circuits”** in the 4th International conference on Engineering and advancement in technology 2023 held on 16.06.202 to 17.06.2023 at Malla Ready College of Engineering, Hyderabad.

★ Mr.S.Gladson, Assistant Professor, Department of ECE presented the Paper titled **“Design and analysis of Wallace tree-based multiplier using Approximate adders for improving the execution rate of electronic circuits”** in the 4th International conference on Engineering and advancement in technology 2023 held on 16.06.202 to 17.06.2023 at Malla Ready College of Engineering, Hyderabad.

★ Ms.E.Sharmila Assistant Professor, Department of ECE presented the Paper titled **“Design and analysis of Wallace tree-based multiplier using Approximate adders for improving the execution rate of electronic circuits”** in the 4th International conference on Engineering and advancement in technology 2023 held on 16.06.202 to 17.06.2023 at Malla Ready College of Engineering, Hyderabad.

★ *Mr.G.Amsaveni, Assistant Professor, Department of ECE presented the Paper titled “**Design and analysis of Wallace tree-based multiplier using Approximate adders for improving the execution rate of electronic circuits**” in the 4th International conference on Engineering and advancement in technology 2023 held on 16.06.202 to 17.06.2023 at Malla Ready College of Engineering, Hyderabad.*

★ *Mr.V.Thamizharasan, Assistant Professor, Department of ECE presented the Paper titled “**Proficient Architecture for Vedic Multiplier using Various VLSI Design Techniques of Optimized Adder**” in the International Journal of Computer applications ISSN: 0975-8887, Volume 184, Issue no.50 (April 2023), Page No.15-21 and DOI: 10.5120/ijca2023922620.*

★ *Mr.V.Thamizharasan, Assistant Professor, Department of ECE presented the Paper titled “**Performance Analysis of Power Gating designs in Low Power VLSI Circuits**” in the International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, ISSN: 2321-2004, Volume 11, Issue no.3 (March 2023), Page No.25-32.*

★ *Ms.Dhivya Priya E L, Assistant Professor, Department of ECE published a Book Chapter titled “**Surrogate Optimization-Assisted Dual-Band THz Inverted-F Coplanar Graphene Antenna**” in the Book titled Recent Advances in Graphene Nanophotonics during May 2023.*

★ *Ms.Priya Dharshini, Assistant Professor, Department of ECE presented the Paper titled “**IoT based automated coalmine detection and immediate rescue robot**” Mountain college of Engineering & Technology (ICACRS - 2022) - International Level*

★ *Mr.S.Gladson, Assistant Professor, Department of ECE Published E-Journal of title “**Home Energy Management System Including Renewable Energy Based on GSM and IoT**” in “INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH & DEVELOPMENT - IJSRO ”, Volume 11, issue 1, in Mar- 2023*

FACULTY ACHIEVEMENTS



E.L.DIVYA PRIYA AP/ECE

*Ms. E.L. DHIVYA PRIYA
Acted as resource person and
Hand on Training on
"Practicing ALP for
Microprocessor and
Microcontroller design" KSR
institute of Engineering and
technology held on 18.02.2023.*



*Acted as resource person and
delivered guest lecture on
"Digital modulation and
transmission technique" Francis
Xavier Engineering college held
on 06.03.2023.*





*Received the Best Paper award for the paper presented on “**Fruits Freshness Recognition System by Manipulating Multilayer Convolution Neural Network**” organized by Bannari Amman Institute of Technology during 5-6 January 2023.*

*Dhivya Priya E L, Assistant Professor, Department of ECE has been recognised as ESEC Achiever for received P.K.Das Memorial **Best Faculty award and Best Paper award** during the Annual Day Celebrations 2023.*



BEST FACULTY AWARD

*DHIVYA PRIYA E.L, Assistant Professor, Department of ECE acted as Reviewer in "**Second IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics ICDCECE-2023**" organized by Ballari Institute of Technology and Management, Ballari during 29-30 April, 2023.*



STUDENT'S PARTICIPATION

WORKSHOP

- ✦ *DHARSHNI.N, KAYATHRI.C, GOWSALYA.M, VISHNUPRIYA.S, from II year has participated in the two-day national event on Bit v-prayukti -23, held at "Bannari Amman Institute of Technology" from February 10-11, 2023.*
- ✦ *KRISHNAVENI.N, DURGESHWARI.D, from II year has participated in the two-day national event on Bit v-prayukti -23, held at "Bannari Amman Institute of Technology" from February 10-11, 2023.*
- ✦ *BALASARAVAN.M, MOUNISH.S, GOPIANAND.K, KARTHIK.R, from II year has participated in the one-day national event "Introfest -23" for III/III students at "Sree Sakthi Engineering College" on February 25, 2023.*
- ✦ *AJAY.S, ARJUN.K, DHINESHKUMAR.P, from II year has participated in the one-day national event "Introfest -23" for III/III students at "Sree Sakthi Engineering College" on February 25, 2023.*
- ✦ *NAMAKESHWARI, SHACHIMISRA, DHARANI.V, from III year has participated in one-day national event for based on IoT & Industry 4.0 at "Dr.N.G.P. Institute of Technology "on February 25, 2023.*
- ✦ *VIDHYASAGAR.A, DHARANIDHARAN, SURENDHAR.D, KAVIN.T, from III year has participated in one-day national event for based on IoT & Industry 4.0 at "Dr.N.G.P.Institute of Technology "on February 25, 2023.*
- ✦ *DURGADEVI.G, MAHASRI.C, HEMANANDHINI.P, from III year has participated in one-day national event for based on IIoT & Industry 4.0 at "Dr.N.G.P.Institute of Technology "on February 25, 2023.*

- ✦ *VANITHA.D, JOYSONRAJA.A, ARTHI.T, GAYATHRI.S, PRIYADHARSHINI.M, from III year has participated in a one-day national event on Machine Learning Techniques for III/V semester students at "Excel Engineering College" on February 27, 2023.*

PAPER PRESENTATION

- ✦ *SRIKARTHIK.N, SURESHBALAJI.A, VINOTH.J, and VISHNU.S from IV year has participated at the "SONA College of Technology's" National event. Taking place on February 24th and 25th, 2023, the event spanned two days and provided a platform for these students to shine.*
- ✦ *PARIMALA.N and AMBIKA.D, students from of II year has participated at the "SONA College of Technology" National event. The event, held on February 24th and 25th, 2023, spanned two enriching days for these budding talents.*
- ✦ *MADHUBALA.M, LOGESH.M, THIRUMOORTHY.T, THIYAGARA JAN.S, and JAMUNA RANI.N from IV year has participants of the "SONA College of Technology" National event. The event, spanning February 24th and 25th, 2023.*
- ✦ *ASWIN.S, from III year student has participate in the National Techno Fest hosted by "SONA College of Technology" Over the course of two days, on February 24th and 25th, 2023.*
- ✦ *PRASATH.S, RAMYAGOWRI.K, SHIVASURIYAN.S, from IV year has participants at the "SONA College of Technology" National event. Taking place on February 24th and 25th, 2023.*
- ✦ *SARANYA.P, NIVETHA.S P, HEMALATHA.T, and GEETHA.S from II year has participated at FRACTALS-23, hosted by "SONA College of Technology" on February 24, 2023..*

✦ VINOTHKUMAR.S, PATHI.H, and SANTHOSH.S, from II year has participants onmade a resounding impact at Fractals-23 held at "SONA College of Technology" on February 24, 2023.

✦ ASWIN.S, from III year student has participate in the National Techno Fest hosted by "SONA College of Technology" Over the course of two days, on February 24th and 25th, 2023.

✦ PRASATH.S, RAMYAGOWRI.K, SHIVASURIYAN.S, from IV year has participants at the "SONA College of Technology" National event. Taking place on February 24th and 25th, 2023.

✦ SARANYA.P, NIVETHA.S.P, HEMALATHA.T, and GEETHA.S from II year has participated at FRACTALS-23, hosted by "SONA College of Technology" on February 24, 2023.

✦ VINOTHKUMAR.S, PATHI.H, and SANTHOSH.S, from II year has participants onmade a resounding impact at Fractals-23 held at "SONA College of Technology" on February 24, 2023.

✦ MAHAVISHNU.J, MAGESHWAR.B, MADHUMITA.T, KAVITHA.P, and JEEVANANTHAM.K, from II year has participants at "Karunya Institute of Engineering and Technology" demonstrated their skills at the National event on March 21, 2023.

✦ SRI ARAVINDH.K, SHAM KUMAR.S, SELVARANI.S, SANTHOSH.S, and ROHITH.S, from II year has participants at "Karunya Institute of Engineering and Technology" participated in the National event on March 21, 2023.

✦ RAJESH KUMAR.S, NESHITHA.M, MOULIDHARAN.M, MOHANA.C, and DINESHKUMAR.P, from II year has participants at "Karunya Institute of Engineering and Technology" left their mark at the National event held on March 21, 2023.

MAHAVISHNU.J, MAGESHWAR.B, MADHUMITA.T, KAVITHA.P, and JEEVANANTHAM.K, from II year has participants at "*Karunya Institute of Engineering and Technology*" demonstrated their skills at the National event on March 21, 2023.

ILLAKIYAVANI.K.R, GOWTHAM.V.K, GOPINATH.M, from II year has participants from "*Karunya Institute of Engineering and Technology*" showcased their talents at the National event on March 21, 2023.

GOKULAKRISHNAN.S, DEVI PRIYA.G, and BHAVANI.V, from II year has participants at "*Karunya Institute of Engineering and Technology*" showcased their talents at the National event on March 21, 2023.

KAVINPRASANTH.S, KATHIRVEL.R, JAYABAL.V, from IV year has participants at "*Karunya Institute of Engineering and Technology*" showcased their technical acumen at the National event on March 21, 2023.

DEEPA.G, NAGANIRANJANA, and KIRIRAJ.S, from IV year has participants at "*Karunya Institute of Engineering and Technology*" showcased their technical acumen at the National event on March 21, 2023.

MARIA ABINESH, SASITHARAN.P, RAMYA.K, from III year has participants at "*Hindusthan College of Engineering and Technology*" contributed to the National event on March 23, 2023.

SARANRAJ.N, SATHESHKUMAR.S, and SEDHURAMALINGAM.L, from IV year has participants at "*Hindusthan College of Engineering and Technology*", contributed to the National event on March 23, 2023.

SRI ARAVINDH.K, SHAM KUMAR.S, SELVARANI.S, SANTHOSH.S, and ROHITH.S, from II year has participants at "*Karunya School of Engineering and Technology*" participated in the National event on March 21, 2023.

ILLAKIYAVANI.K.R, GOWTHAM.V.K, GOPINATH.M, from II year has participants at "*Karunya Institute of Engineering and Technology*" showcased their talents at the National event on March 21, 2023.

✦ *KAVINPRASANTH.S, KATHIRVEL.R, JAYABAL.V, from IV year has participants at "Karunya Institute of Engineering and Technology" showcased their technical acumen at the National event on March 21, 2023.*

✦ *GOKULAKRISHNAN.S, DEVI PRIYA.G, and BHAVANI.V, from III year has participants at "Karunya Institute of Engineering and Technology" showcased their talents at the National event on March 21, 2023.*

✦ *RAJESH KUMAR.S, NESHITHA.M, MOULIDHARAN.M, MOHANA.C, and DINESHKUMAR.P, from II year has participants at "Karunya Institute of Engineering and Technology" left their mark at the National event held on March 21, 2023.*

✦ *CHANDRU.N, DHANASRI.P.S, and GOKIL RAJA.P, from II year has participants at "Hindusthan College of Engineering and Technology", made their mark at the National event on March 23, 2023.*

✦ *JAYASURIYA.J, NANDHAKUMAR.S, SUTHISH.M, TAMIZHAZHAGA N.T, from II year has participants at "Hindusthan College of Engineering and Technology", showcased their talents at the National event on March 23, 2023.*

✦ *ABINESH.A, LOGESHKUMAR.T, NAVEEN.P.V, and HARIHARAN.S, from II year has participants at "SNS College of Technology", left their mark at the National event on April 6, 2023. Their contributions during the one-day event highlighted their enthusiasm for scientific exploration and innovation.*

✦ *DHARANIDHARAN.A, DINESHKUMAR.S, HARIKRISHNAN., KIRUBA SHANKAR.P, and Pradeep M, from IV year has participants at "SNS College of Technology", made significant National event on April 6, 2023.*

✦ *HARANIESWARL.K, KURSHJEET KUMAR, KUMAR.V, and SHANMUGAM.K, from III year has participants at "SNS College of Technology", demonstrated their scientific enthusiasm at the National event on April 6, 2023*

★ *DEEPA.G, NAGANIRANJANA, and KIRIRAJ.S, from IV year has participants at "Karunya Institute of Engineering and Technology" showcased their technical acumen at the National event on March 21, 2023.*

PROJECT PRESENTATION

★ *MAGESHWAR B, from II year has participate to took part in the national event "Powvaz - 2k23" at "P.A College of Engineering and Technology" on February 23, 2023, spanning a single day.*

TECHNICAL EVENTS

CIPIRAJ R P and ARJUN. R from II year has participate in Treasure Hunt event on February 23, 2023, at "P.A. College of Engineering and Technology".

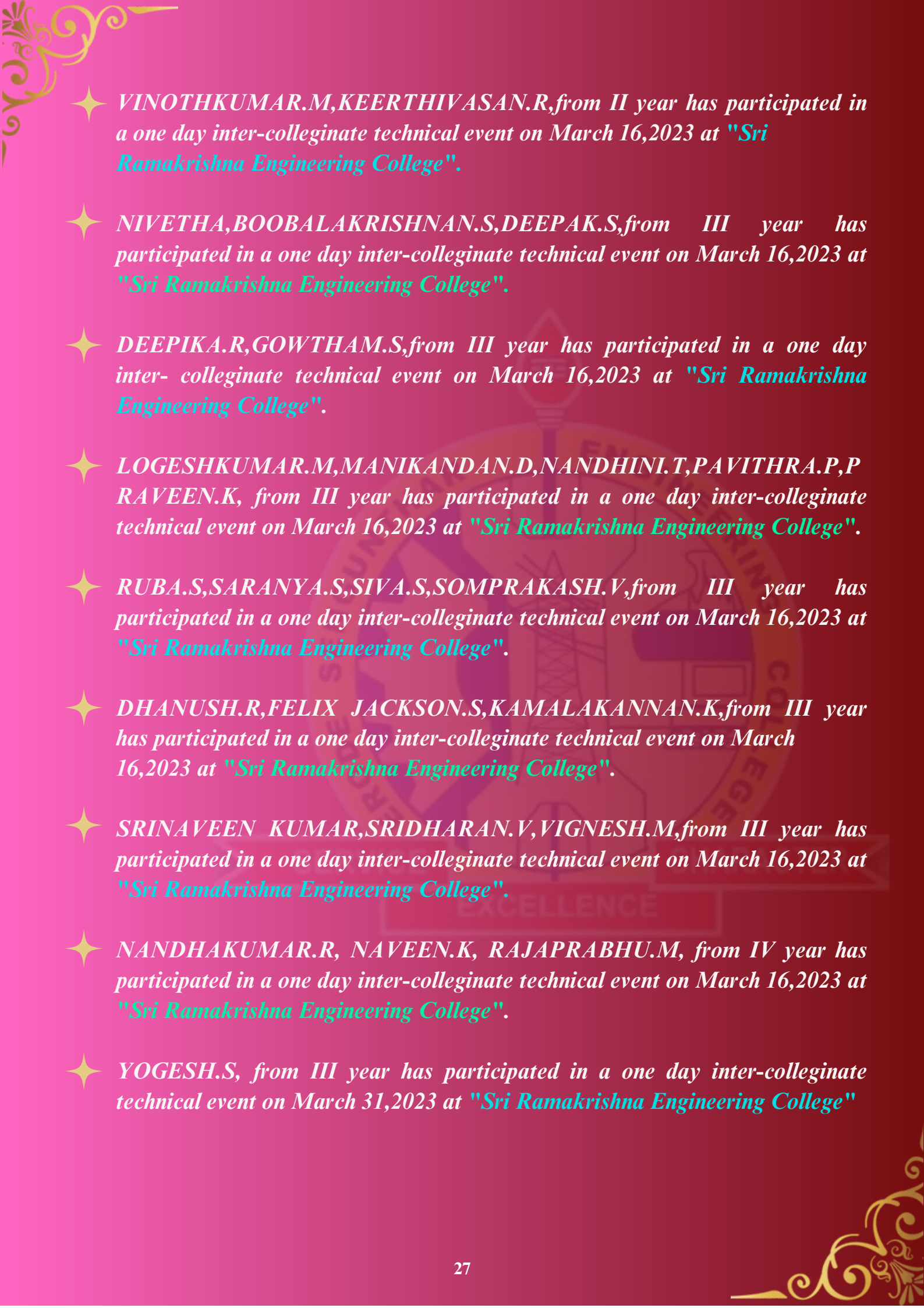
★ *SUJEETP and ROYMARSHAL.J, from IV year has participate On March 16, 2023, "Sri Ramakrishna Engineering College" on one-day national-level inter-collegiate technical event.*

★ *ABISHEK KUMAR, SONU KUMAR, GOWTHULAMAM, PARTHIBAN R, THILAK G, and SRIMAN SARAN K, from II year has participate On March 16, 2023, "Sri Ramakrishna Engineering College" .*

★ *NIRMAK KUMAR V, SURYAA, TAMILZHAN, VENKADESH S and DHUSHYANAND RAAM J S, from IV year HAS participate On March 16, 2023, "Sri Ramakrishna Engineering College" is hosting a one-day inter-collegiate technical event.*

★ *AKILAN S and ALLWIN ABHISHAIKE V , from IV year has participate On March 16, 2023, "Sri Ramakrishna Engineering College" presents a one-day national- level inter- collegiate technical event.*

★ *SURESHKUMAR.P, SURIYA.B, VIKASHINI.V.S, from II year has participated in a one day inter-collegiate technical event on March 16, 2023 at "Sri Ramakrishna Engineering College".*

- 
- ✦ *VINOTHKUMAR.M,KEERTHIVASAN.R,from II year has participated in a one day inter-collegiate technical event on March 16,2023 at "Sri Ramakrishna Engineering College".*
 - ✦ *NIVETHA,BOOBALAKRISHNAN.S,DEEPAK.S,from III year has participated in a one day inter-collegiate technical event on March 16,2023 at "Sri Ramakrishna Engineering College".*
 - ✦ *DEEPIKA.R,GOWTHAM.S,from III year has participated in a one day inter- collegiate technical event on March 16,2023 at "Sri Ramakrishna Engineering College".*
 - ✦ *LOGESHKUMAR.M,MANIKANDAN.D,NANDHINI.T,PAVITHRA.P,P RAVEEN.K, from III year has participated in a one day inter-collegiate technical event on March 16,2023 at "Sri Ramakrishna Engineering College".*
 - ✦ *RUBA.S,SARANYA.S,SIVA.S,SOMPRAKASH.V,from III year has participated in a one day inter-collegiate technical event on March 16,2023 at "Sri Ramakrishna Engineering College".*
 - ✦ *DHANUSH.R,FELIX JACKSON.S,KAMALAKANNAN.K,from III year has participated in a one day inter-collegiate technical event on March 16,2023 at "Sri Ramakrishna Engineering College".*
 - ✦ *SRINAVEEN KUMAR,SRIDHARAN.V,VIGNESH.M,from III year has participated in a one day inter-collegiate technical event on March 16,2023 at "Sri Ramakrishna Engineering College".*
 - ✦ *NANDHAKUMAR.R, NAVEEN.K, RAJAPRABHU.M, from IV year has participated in a one day inter-collegiate technical event on March 16,2023 at "Sri Ramakrishna Engineering College".*
 - ✦ *YOGESH.S, from III year has participated in a one day inter-collegiate technical event on March 31,2023 at "Sri Ramakrishna Engineering College"*

STUDENT'S ACHIEVEMENTS



S.GIFTSON SAMUVEL

3rd year

won The 1st prize for
Instrumental music

@ P.A college of Engineering
and Technology on 14.03.2023

S.V.VISHAL, S.RAGULGANDHI

2nd year

won The 1st prize for Tech Buzz

@KPR Institute for Engineering &
Technology on 05.11.2022



S.GIFTSON SAMUVEL

3rd year

won The 1st prize for Rhythm round

@ Sree Saraswathi thyagaraja
college





S.YOGESH
3rd year
won The 2nd prize for
Coding Contest
@Kongu Engineering college

G.DEEPA
IV year
I st prize,
Womens Day Celebration



S.BALASUBRAMANIAM
III year
I st prize,
Womens Day Celebration



N.DHARSHINI
II year
I st prize,
Womens Day Celebration

M.POOWARASI

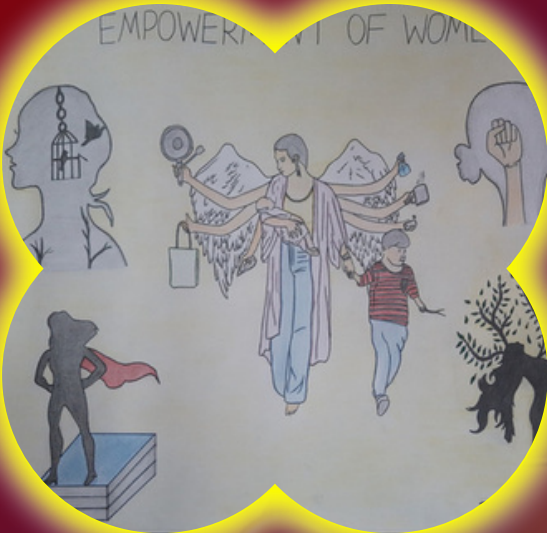
II year
I st prize,
Womens Day Celebration



S.V.VISHAL

II year
II nd prize,
Womens Day Celebration





R.ARJUN
II year
II nd prize,
Womens Day Celebration

K.SHANMATHI

III year
II nd prize,
Womens Day Celebration



A.ASHWINI
IV year
II nd prize,
Womens Day Celebration

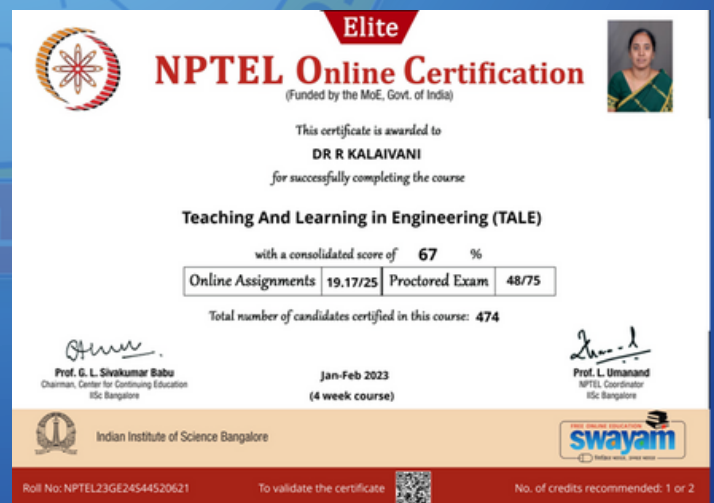
NPTEL COURSE

Faculty



E.L.Dhivyapriya completed NPTEL course on Effective Engineering Teaching in Practice during Jan - Feb 2023, Secured **SILVER ELITE**

Dr.R.kalaivani completed NPTEL course on Teaching And Learning in Engineering (TALE) during Jun - Feb 2023, Secured **ELITE**



Student



The image shows a certificate from NPTEL (National Programme on Technology Enhanced Learning) for a student named YOGESH S. The certificate is for the course "Programming In Java" and is awarded for successfully completing the course. The student achieved a consolidated score of 63%. The certificate is dated Jan-Apr 2023 and is for a 12-week course. The total number of candidates certified in this course is 9357. The certificate is signed by Prof. Debjani Chakraborty, Coordinator, NPTEL, IIT Kharagpur. The certificate is issued by the Indian Institute of Technology Kharagpur and is part of the Swayam program. The certificate includes a QR code for validation and a roll number: NPTEL23CS49S13540760. The certificate also mentions that 3 or 4 credits are recommended.

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
YOGESH S
for successfully completing the course

Programming In Java

with a consolidated score of **63** %

Online Assignments	23.94/25	Proctored Exam	38.78/75
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Total number of candidates certified in this course: **9357**

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION
swayam
— Endless variety, smart choice —

Roll No: NPTEL23CS49S13540760

To validate the certificate



No. of credits recommended: 3 or 4

S Yogesh completed NPTEL course on Programming in Java during Jan - Apr, secured ELITE

SERVICE

CHARACTER

EXCELLENCE

STUDENT'S PLACEMENT

2023



RAMYAA GOWRI K

COMPANY : TCS & CODING MART

PACKAGE : 3.6 & 7.2 LPA



AKILAN S

COMPANY : COURSE 15 INTELLIGENCE

PACKAGE : 2.7 LPA



ALLVIN ABISHAIKE V

COMPANY : CTS, CHENNAI

PACKAGE : 3.6 LPA



DHARANI DHARAN A

COMPANY: TECHNOFORTE

PACKAGE : 4 LPA



DINESH KUMAR S

COMPANY: WEBBERAX

PACKAGE : 2.4 LPA



KAVIN PRASAD M S

COMPANY: EDVEON TECHNOLOGIES

PACKAGE : 3 LPA



KIRUBA SHANKAR P

COMPANY: COURSE 15 INTELLIGENCE

PACKAGE : 2.7 LPA



NAGANIRANJANA J

COMPANY : ZUCI SYSTEM

PACKAGE : 3.5 LPA



SELVANAYAKI M

COMPANY: ILM , BENGALURU

PACKAGE : 2.4 LPA



VENKATESH BABU N S

COMPANY: COURSE 15 INTELLIGENCE

PACKAGE : 2.7 LPA



GANESHAN K

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



GANESH KUMAR M

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



GIDEON DURAI P

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



GOKULAPRIYA M

COMPANY : ETHNUS

PACKAGE : 2.4 LPA



GOWSALYA M

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



GOWTHAM S

COMPANY : ILM, BENGALURU

PACKAGE : 2.6 LPA



JAYABAL V

COMPANY : TCS, CHENNAI

PACKAGE : 3.4 LPA



NANDHAKUMAR R

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



PRADEEP M

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



RAJABRABHU M

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



SARANRAJ N

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



SEDHURAMALINGAM L

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



SATHESH KUMAR S

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



SHIVA SURRYAN S

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



SRIKARTHIK N

COMPANY : TCS, CHENNAI

PACKAGE : 3.4 LPA



SURESHBALAJI A

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



SURYA A

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



TAMIZHAN R

COMPANY : ILM, BENGALURU

PACKAGE : 2.6 LPA



VINOTH J

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



BOOPATHI

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



RAMYA N

COMPANY: WEBBERAX, CHENNAI

PACKAGE : 2.4 LPA



PRASATH.S

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA



DIVYA T

COMPANY : NCR CORPORATION PVT.LTD

PACKAGE : 1.8 LPA

SERVICE

CHARACTER

EXCELLENCE

WOMEN'S DAY 2K23 CELEBRATION

N.KRISHNAVENI III-ECE



S.V.VISHAL II-ECE

"Feminism isn't about making women strong. Women are already strong. It's about changing the way the world perceives that strength."



M.POOVARAS II -ECE

N.DHARSHINI II-ECE





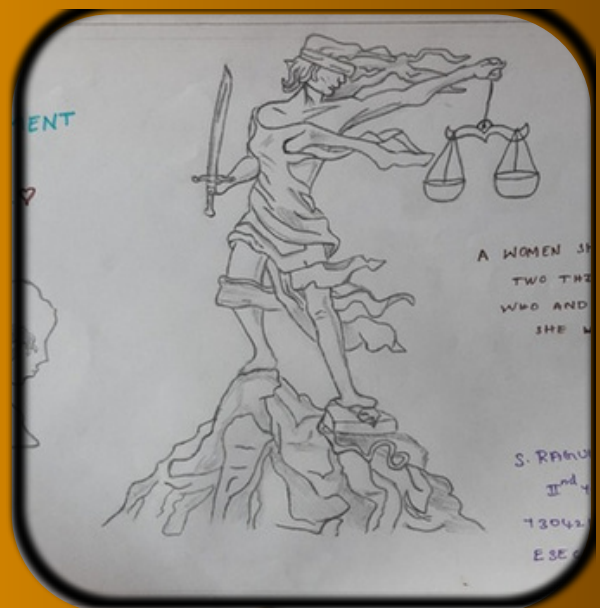
A.ASWINI IV-ECE

M.JAYASRI II-ECE



*"It took me quite a long time to develop a voice
and now that I have it, I am not going to be
silent."*

G.DEEPA IV-ECE



S.RAGUL GANDHI II-ECE

S.BALASUBRAMANIAM III-ECE



K.SHANMATHI III-ECE

"If you don't see a clear path for what you want, sometimes you have to make it yourself."



M.GOWSALYA IV-ECE

M.SELVANAYAKI II-ECE





S.SELVARANI II-ECE

S.V.VISHAL II-ECE



*"She is a Dreamer, she is a believer, she is a doer,
she is an achiever, and that she is "You."
Happy Women's Day."*

T.MADHUMITHA II-ECE



T.DIVYA IV-ECE

EDITORIAL BOARD



**S.GLADSON,AP/E
C E Coordinator**

I am deeply honored to have played a role in the creation of Manizine, and I would like to extend my thanks to the entire team involved in this endeavor.

**DR.S.BHARATHIDAS
A N HOD/ECE**

I am happy in organizing the team of Editors who worked for this magazine. The team has showcased their creativity and curiosity in making the magazine. It was a good experience to work with my students.



VIGNESH M

I am thrilled and immensely grateful for the incredible opportunity to join the esteemed magazine's editing team.



SHANMATHI K

Thank you so much for entrusting me with the chance to contribute to the magazine's content as an editor.



VISHAL S.V

I cannot express how thankful I am for the opportunity to edit and shape the magazine's articles and stories.



ASHISH BRINDAN S

I feel truly blessed and appreciative for the chance to lend my editorial skills to such an inspiring magazine.



MANIKANDAN D

I'm excited and grateful to embrace this opportunity to make a positive impact through my editing work in the magazine.



SURENDHAR D

I am honored and thankful for the privilege of editing for this prestigious magazine.

