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INSPIRE TO INNOVATE

PMCTECH PAGES

An Exclusive Annual Newsletter

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"We Empower Students
for a Brawny Nation"

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CONTENTS

Our Institution	01
Programmes Offered	07
Professional Bodies	09
Memorandum of Understanding (MoU's)	09
Industry & Academic Collaborations	10
Centre of Learning	10
Symposium	11
Conference	12
Seminars	13
Technical Seminars	19
Hands-on Training	24
Guest Lecture	26
Industrial Visits	27
Bridge Course	28
Department of Physical Education and Training	44
Youth and Red Cross Students Activity	52
Institution social Responsibility	53
Infrastructure Photos	54

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PMC TECH -Engineering College

OUR INSTITUTION

"PMC TECH plays an influential role with industries, providing a meaningful impact on students' overall competency and skill levels. We focus on knowledge updating, practical learning, and professionalizing students to align with the evolving landscape of current and future technologies."

PMC TECH Group of Institutions, Hosur, Tamil Nadu, was established in 1996 and is run by the "Er. Perumal Manimekalai Telugu Minority Educational and Charitable Trust" under the dynamic leadership of Shri. Er. P. Perumal, Founder Chairman. The group comprises a Matriculation School, ITI, Polytechnic, Engineering College, and Research Studies, offering quality education in the region.

Er. Perumal Manimekalai College of Engineering (established in 2002) is approved by AICTE and affiliated with Anna University. It is an ISO 9001:2014 certified institution, accredited by NAAC with a B++ Grade. The institute provides a scholarly and professional environment with quality education and skill-oriented training, helping students become highly employable professionals and entrepreneurs.

To foster innovation and research, the institution has established Scientific and Industrial Research Organization (SIRO), Women Technology Park (WTP), Centre for IIT Bombay Employability Skill Trainings, Business Incubation Centre (MSME BI), and Innovation & Entrepreneurship Development Centre (IEDC). These initiatives support students' creativity and innovations in research and development.

VISION

"To strive and achieve excellence in technical education and management through continuous applied research and development, creating well-groomed, responsible citizens who are dynamic, competent, innovative, eminent, and delivery-oriented engineers, technologists, and management professionals to build a strong nation."

MISSION

PMC TECH will endeavor to:

- Provide high-quality technical education by inculcating discipline, ethical values, and personality development.
- Create knowledge-based professionals from youth across all walks of life, enriching their quality of life and empowering self and family.
- Develop state-of-the-art infrastructure to ensure quality education, research, and creativity.
- Integrate with industries, R&D organizations, and business enterprises, ensuring connectivity with society.
- Become a premier center for advanced teaching, learning, research, and management in engineering and technology.

FROM THE FOUNDER'S DESK



THE INSTITUTE HAS AN ENVIABLE TRACK RECORD OF ACADEMIC EXCELLENCE, WHICH IS COUPLED WITH HANDS-ON INDUSTRIAL TRAINING, AND INNUMERABLE INDUSTRY-INSTITUTE INTERACTION, WHICH MAKES EACH PMC TECH STUDENT READY TO BE ABSORBED IN THE COMPANY.

"MAKE OF US THE HERO WARRIORS WE INSPIRE TO BECOME. MAY WE FIGHT SUCCESSFULLY THE GREAT BATTLE OF THE FUTURE THAT HAS TO BE WON AGAINST THE PAST THAT SEEKS TO ENDURE, SO THAT THE NEW THINGS MAY MANIFEST AND WE ARE READY TO RECEIVE THEM" ER. P. PERUMAL,

WELCOME TO PMC TECH

WHERE ACADEMICS AND ACTIVITIES NEVER END, AND STUDENTS ARE MOLDED INTO FUTURE TECHNOCRATS AND BUSINESS LEADERS.

THE INSTITUTE ENVISIONS BECOMING ONE OF THE LEADING CENTERS FOR TEACHING, RESEARCH, AND EXTENSION IN THE FIELD OF ENGINEERING AND TECHNOLOGY THROUGH TOTAL COMMITMENT TO QUALITY EDUCATION AND TRAINING. WE INSTILL IN OUR STUDENT'S **STRENGTH OF CHARACTER, SELF-CONFIDENCE, TECHNICAL COMPETENCE, AND LEADERSHIP IN MANAGEMENT.**

WE PROPAGATE KNOWLEDGE WITH THE SUPPORT OF A **DEDICATED FACULTY, A STATE-OF-THE-ART LIBRARY, AND WELL-EQUIPPED LABS,** ALONG WITH AN ADVANCED **AUDIO-VISUAL THEATRE** TO ENHANCE LEARNING EXPERIENCES.

**ER. P. PERUMAL
FOUNDER
PMC TECH- GROUP OF
INSTITUTIONS**

FROM THE CHAIRMAN'S DESK



AS A PART OF PMC TECH'S COMMITMENT TOWARDS QUALITY TECHNICAL EDUCATION AND EXCELLENCE, WE EMBARKED ON PROMOTING FACULTY DEVELOPMENT PROGRAM, SEMINARS, WORKSHOPS AND CONFERENCES, WHICH WILL KEEP THE FACULTY AND STUDENTS ABREAST OF THEIR

"THE INSTITUTE NOT ONLY EXTENDS GOOD CAMPUS AND STATE OF THE ART COMPUTING FACILITIES TO THE STUDENTS BUT ALSO AIMS AT GIVING THOSE COMPETENCIES THAT WILL MAKE THEM LEADERS AND TRENDSETTERS IN THEIR RESPECTIVE FIELD, IN THIS AGE OF COMPETITION"

PMC TECH IS COMMITTED TO DEVELOP YOUNG MINDS FOR CREATIVE LEADERSHIP IN BUSINESS AND A PROACTIVE AND USEFUL ROLE IN SOCIAL TRANSFORMATION. TODAY THE NEED FOR BEING PROACTIVE AND CONSTRUCTIVE IS MORE ACUTE THAN EVER BEFORE DUE TO THE SWEEPING CHANGE INFLUENCING EVERY ASPECT OF OUR LIFE. THEREFORE, THERE IS NEED FOR ACTION BASED ON HOLISTIC TRAINING OF YOUTH TO TAKE ON VARIED CHALLENGES OF LIFE. AN OPPORTUNITY TO STUDY AT PMC TECH EMPOWERS A STUDENT TO ACQUIRE KNOWLEDGE AND DEVELOP SKILLS THAT WILL ENABLE HIM TO LEAD A HIGHLY PRODUCTIVE, REWARDING AND HOLISTIC LIFE.

**SHRI P KUMAR
CHAIRMAN
PMC TECH-GROUP OF
INSTITUTIONS**

FROM THE SECRETARY'S DESK



**"THE GOAL OF EDUCATION IS THE
ADVANCEMENT OF KNOWLEDGE AND THE
DISSEMINATION OF TRUTH"**

WE GIVE THE STUDENTS SUPPORT AND ENCOURAGEMENT THEY NEED TO REACH THEIR FULL POTENTIAL. WE STRIVE TO GIVE PROFESSIONAL EDUCATION A NEW PERSPECTIVE AND ACHIEVE PERFECTION IN ALL SPHERES. WE PROVIDE A PLEASANT & INTELLECTUALLY STIMULATING ENVIRONMENT. THE MAIN REASON FOR OUR TREMENDOUS PERFORMANCE IS THE FACULTY, WHICH MAKES PMC TECH STAND OUT FROM THE REST OF ENGINEERING COLLEGES AND INSTITUTES. I WISH TO ASSURE ALL CONCERNED THAT NO EFFORTS WILL BE SPARED TO BRING PMC TECH AS ONE OF THE TOP TECHNICAL EDUCATION INSTITUTIONS

THE RAPID RATE OF TECHNOLOGICAL ADVANCEMENT AND THE INFORMATION REVOLUTION HAVE OPENED NEW SERIES OF CHALLENGES AS WELL AS OPPORTUNITIES. WE AIM TO PREPARE THE STUDENTS TO BE SUCCESSFUL IN THEIR WORKPLACE. IT AIMS TO PREPARE THE STUDENTS WITH TECHNICAL KNOWLEDGE AND CAPABILITIES, FLEXIBILITY AND AN UNDERSTANDING OF THE SOCIETAL CONTEXT OF CORPORATE WORLD.

**SMT P MALLAR
SECRETARY
PMC TECH- GROUP OF
INSTITUTIONS**

FROM THE TRUSTEE'S DESK



THIS NEWSLETTER WILL HELP THE STUDENTS AND FACULTY MEMBERS TO MAKE THEM AWARE OF DIFFERENT ACTIVITIES OF THEIR DEPARTMENT AS DEPARTMENTS. AND WILL DEVELOP A BETTER CULTURE AND ACADEMIC ENVIRONMENT. FURTHER THIS WILL BOOST THE MORALE OF STUDENTS

"EDUCATION IS THE ABILITY TO LISTEN TO ALMOST ANYTHING WITHOUT LOSING YOUR TEMPER OR SELF-CONFIDENCE

PMC TECH IS COMMITTED TO CREATING AN AMBIENCE FOR NURTURING INNOVATION, CREATIVITY AND EXCELLENCE IN OUR STUDENTS. WE AIM TO PREPARE THE YOUNG ENGINEERS AND MANAGERS TO CONFIDENTLY AND COMPETENTLY FACE THE CHALLENGES OF INTENSIFYING COMPETITION BY IMPARTING HIGH QUALITY TECHNICAL AND MANAGERIAL EDUCATION COUPLED WITH APPROPRIATE TRAINING AND WIDE EXPOSURE TO THE STATE- OF-ART PRACTICES. OUR EDUCATIONAL PROGRAMMES LAY EMPHASIS ON ALL ROUND PERSONALITY DEVELOPMENT AND ALSO IN INCULCATING HUMAN VALUES AND PROFESSIONAL ETHICS WHICH HELP OUR STUDENTS BECOME MORE HUMANE AND SOCIALLY ALIVE TO LEAD A MEANINGFUL LIFE

**SMT P SASIREKHA
TRUSTEE
PMC TECH- GROUP OF
INSTITUTIONS**

FROM THE PRINCIPAL'S DESK



"WE ALWAYS ENDEAVOR TO ENSURE THAT WHEN STUDENTS GRADUATE, THEY ARE RECOGNIZED AS HIGHLY KNOWLEDGEABLE, AMIABLE, ACTIVE, AND GREATLY TRUSTWORTHY INDIVIDUALS.

THANKS TO THE EDUCATIONALLY COMMITTED MANAGEMENT, WE HAVE BUILT A STRONG **REPUTATION** FOR PROVIDING EXCELLENT FACILITIES AND AMENITIES.

IT IS PERHAPS BECAUSE OF ALL THESE EFFORTS THAT PMC TECH CONTINUES TO GROW. I AM THANKFUL TO ALL MY COLLEAGUES WHO ARE STRIVING HARD TO ESTABLISH PMC TECH AS ONE OF THE LEADING ENGINEERING INSTITUTIONS."

"I BELIEVE THAT EDUCATION IS NOT JUST ABOUT TEACHING CURRICULUM, IT IS ALSO ABOUT THE DEVELOPMENT OF HUMAN INTELLECT, CAPABILITY TO THINK INDEPENDENTLY AND SPEAK ARTICULATEDLY. THROUGH NUMEROUS STUDENT ACTIVITIES THE COLLEGE IMPARTS ALL THESE LIFE SKILLS IN

WITH A DEVOTED AND HIGHLY QUALIFIED SET OF FACULTY MEMBERS, WELL PROVIDED INFRASTRUCTURE AND EFFICIENT ADMINISTRATIVE STAFF, WE ALWAYS IMPART BEST EDUCATION BY GIVING IN DEPTH KNOWLEDGE IN THE SUBJECT. WE KNOW THAT MERE EDUCATION DOES NOT MAKE YOU A COMPLETE MAN / WOMAN. WITH OUR RICH LIBRARY, WE WANT YOU TO DEVELOP READING HABITS.

**DR S CHITRA
PRINCIPAL
PMC TECH- ENGINEERING
COLLEGE**

PROGRAMMES OFFERED

Undergraduate Programmes (B.E. / B.Tech.)

- | Aeronautical Engineering
- | Civil Engineering
- | Computer Science and Engineering
- | Electronics and Communication Engineering
- | Electrical and Electronics Engineering
- | Mechanical Engineering
- | Mechatronics Engineering
- | Information Technology

Postgraduate Programmes (M.E. / MBA / MCA)

- | M.E. Aeronautical Engineering
- | M.E. Applied Electronics
- | M.E. Computer Science and Engineering
- | M.E. Engineering Design
- | M.E. Power Electronics and Drives
- | MBA – Master of Business Administration
- | MCA – Master of Computer Applications

Research Programmes

- | Ph.D. – Computer Science and Engineering
- | Ph.D. – Management Studies

PMC TECH IS HOSTING

To serve our Students, Industry & Society ahead of academics, PMC TECH is hosting

01




Innovation & Entrepreneurship Development Centre of DST

02



Business Incubation Center

03




Women Technology Park of DST

04



MHRD - Innovation

05



PMKVY - Pradhan Mantri Kaushal Vikas Yojana

06




CNC & Robotics Training Centre

07



Robotic Welding & Automation Centre

08



Visionary Learning Community

09



Campus Connect Programme Centre

10



Mission 10X Technology Learning Centre

11



Spoken Tutorial of IIT - Bombay

12



Robotics Lab Centre of IIT - Bombay

PROFESSIONAL BODIES

The presence of Professional bodies and their regular activities showcases the college on global arena benefitting both internal and external students and faculty members. Each and every department has well known international and national professional bodies, Research & Development centers, Incubation centers encouraging Entrepreneurship and Local Chapters.



Computer Society of India



ICT Academy of Tamil Nadu



The Institution of Engineers



Institute of Electrical and Electronics Engineers



The Institute of Electronics and Telecommunication Engineers



Indian Society for Technical Education



Indian Concrete



Society of Automotive Engineers



Madras Management Association

MEMORANDUM OF UNDERSTANDING'S (MoU's)

The Institute, maintains strong associations with various National and Multinational Companies, Educational and Research Institutions by entering into Memorandum of Understanding. Being a lead Institution, it is extremely important to be connected with global network of Industries and Academic Institutions for enhancement of the competence of students and faculty members and facilitating even for others.



INDUSTRY & ACADEMIC COLLABORATIONS

We have well established systems to identify problems / gaps specific to our institutes and build collaborations with industries best suited to the interests of our students and faculty members. The main aim is to meet the requirement in par with industry expectations by maintaining continuous liaisons, interactions involving participation both by students and faculty members.



CENTRE OF LEARNING

We make the students “an industry ready personnel” or “professional entrepreneur” by way of providing education qualities at the highest level. For this purpose we facilitate collaborative programs with local industrial sectors, professional academic and research institutions. We strive to offer programs geared to help our stakeholders to get a competitive edge in the high skill and high demand global market.



POWERGLITZ-2K22: A Grand Symposium on Innovation and Technology

ERPERUMAL MANIMEKALAI COLLEGE OF ENGINEERING
Accredited by NBA & NAAC with 'A' Grade,
Affiliated to ANNA UNIVERSITY & Approved by AICTE
Koneripalli, Hosur-635117.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Proudly Presents
National Level Technical Symposium
POWERGLITZ-2K22

Technical Events
1. Paper Presentation
2. Poster presentation
3. Circuit Debugging
4. Catechization

DOMAINS FOR PAPER & POSTER
I. I.C. Vehicles
II. Uses of IoT in REE
I. Modern Trends in PV systems
I. Power Electronics
I. Drive control for Automation Systems
II. BLOCKCHAIN Technology
(Topics NOT restricted to above)

Date:
17-11-2022

LAST DATE OF APPLY: 14-11-2022
SPOT REGISTRATION AVAILABLE

REGISTRATION FEES- 200 /TEAM

STUDENT CO-ORDINATORS
Mohammed Anas.R: 6381775689
Kiran Kumar.B: 92880535865
Ganeshan.S: 8526028128

Registration Link
<https://forms.gle/CeZ28Lz1Dhaa4ofim>

Email ID: hod.eee@pmctech.org

Dr. C.R. BALAMURUGAN, Mrs. G. SHASIKALA, FACULTY CO-ORDINATORS
Dr. K. KALAISELVAN, HOD / EEE
Dr. S. CHITRA, PRINCIPAL

The Department of Electrical and Electronics Engineering at Er. Perumal Manimekalai College of Engineering successfully organized the **POWERGLITZ-2K22** symposium on **21st October 2022**. This significant event witnessed an enthusiastic participation of **132 students** from the **II, III, and IV** year batches.

The symposium was inaugurated by the esteemed **Er. P. Ramkumar**, an accomplished industry expert, who graced the occasion as the **Chief Guest**. In his keynote address, Er. P. Ramkumar shared valuable insights into recent advancements in power systems, renewable energy integration, and sustainable development. He emphasized the importance of practical knowledge and innovation, inspiring students to explore emerging trends in electrical engineering.

The event comprised diverse technical sessions, including paper presentations, project demonstrations, and interactive workshops. Participants actively showcased their innovative ideas, highlighting their skills in power electronics, circuit design, and automation technologies. The brainstorming sessions further enhanced the participants' technical understanding and problem-solving capabilities.

POWERGLITZ-2K22 provided a valuable platform for knowledge sharing, promoting creativity and technical excellence. The symposium concluded with a valedictory ceremony, where outstanding participants were recognized for their remarkable contributions.

The event's success was attributed to the dedicated efforts of faculty coordinators and volunteers, who ensured seamless execution. **POWERGLITZ-2K22** left a lasting impact, fostering a culture of innovation and motivating students to pursue excellence in electrical and electronics engineering.

International Conference: Advancing Research and Innovation

The Department of Electrical and Electronics Engineering at Er. Perumal Manimekalai College of Engineering successfully organized an **International Conference** on **27th and 28th April 2023**. This prestigious event brought together **132 participants** from the **II, III, and IV** year batches, providing a platform for global collaboration and knowledge exchange.



The conference was inaugurated by the distinguished **Dr. D. Ashokaraju**, an eminent researcher and academician, who delivered an insightful keynote address. Dr. Ashokaraju emphasized the importance of interdisciplinary research, innovation, and sustainable development. He encouraged students to explore emerging trends and engage in groundbreaking research initiatives.

The conference featured engaging sessions, including technical paper presentations, expert panel discussions, and

research project exhibitions. Participants showcased their research findings on topics such as renewable energy systems, power electronics, and smart grid technologies. These sessions provided an enriching experience, fostering intellectual growth and collaboration among students and faculty members.

The conference concluded with a closing ceremony, where exceptional research contributions were acknowledged and awarded. The event's success was a testament to the collective efforts of the organizing team, faculty members, and student volunteers.

The **International Conference** left a lasting impact, inspiring students to pursue research excellence and contribute to the advancement of engineering and technology.

Seminar on Circuit Debugging - 4G/5G Mobile Phones

The Department of Electronics and Communication Engineering at Er. Perumal Manimekalai College of Engineering organized an insightful **Seminar on Circuit Debugging - 4G/5G Mobile Phones** from **10th April 2023 to 11th April 2023**. This seminar was specially designed for **IV-year students**, with **54 participants** actively engaging in the event.

The seminar was graced by the distinguished presence of **Dr. S. Rasadurai**, an esteemed professor and expert in communication technologies. In his keynote address, Dr. Rasadurai shed light on the rapid evolution of mobile communication networks, particularly the transition from **4G to 5G**. He provided an in-depth understanding of the underlying electronic circuits, their design complexities, and effective debugging techniques essential for ensuring seamless connectivity in modern mobile devices.

Introduction to 4G/5G Communication Architecture:

Dr. Rasadurai explained the fundamental architecture of 4G/5G networks, including baseband processing units, RF front-end modules, and antenna systems. He highlighted key differences in signal modulation, frequency bands, and latency improvements that distinguish 5G from its predecessor.

Common Circuit Issues in Mobile Phones:

The session focused on identifying common hardware issues such as signal interference, power supply faults, and malfunctioning antenna circuits. Dr. Rasadurai demonstrated effective strategies for diagnosing these problems using modern testing equipment.

The interactive nature of the seminar allowed students to ask questions, participate in group discussions, and collaborate on problem-solving activities. By applying theoretical concepts in practical scenarios, participants improved their troubleshooting skills and enhanced their understanding of advanced communication systems.

The seminar concluded with a feedback session where students expressed their appreciation for the hands-on learning experience. The knowledge gained during the event is expected to significantly benefit students in their academic projects, internships, and future careers in the telecommunications industry.

The success of this seminar was attributed to the dedicated efforts of the organizing team, faculty coordinators, and volunteers. The engaging sessions led by **Dr. S. Rasadurai** left a lasting impact on the participants, inspiring them to delve deeper into the realm of mobile communication and electronic circuit debugging.

Seminar on Mobile Troubleshooting

The Department of Electronics and Communication Engineering at Er. Perumal Manimekalai College of Engineering organized an engaging **Seminar on Mobile Troubleshooting** on **17th April 2023**. The seminar was exclusively designed for **IV-year students**, with **57 participants** actively taking part in the session.

The seminar was led by **Mr. M. Krishnakumar**, a seasoned expert and **Managing Director of New Technology Mobile Service Training Institute**, Coimbatore. With years of hands-on experience in mobile device servicing and troubleshooting, Mr. Krishnakumar provided valuable insights into diagnosing and resolving common issues faced in modern smartphones.

Introduction to Mobile Hardware and Software Architecture:

Mr. Krishnakumar began the session by explaining the core components of mobile devices, including the **motherboard, CPU, RAM, power IC, and network modules**. He emphasized the integration of hardware with software, highlighting how firmware and operating systems control mobile functions.

Common Mobile Issues and Solutions:

The seminar focused on practical troubleshooting techniques for frequent mobile problems such as:

No Power/Dead Phone Issues

Screen Display Failures

Battery Draining Problems

Signal and Network Connectivity Issues

Speaker, Microphone, and Camera Malfunctions

Mr. Krishnakumar guided participants on identifying root causes for these issues and implementing effective solutions.

Hands-on Practical Session:

One of the key highlights of the seminar was the interactive hands-on session. Students were provided with disassembled mobile phones to practice real-time troubleshooting methods. Using specialized tools such as **multimeters, soldering kits, and circuit testers**, participants diagnosed and repaired faulty components.

Software Troubleshooting and Flashing Techniques:

Mr. Krishnakumar introduced students to popular mobile repair software tools for flashing firmware, bypassing FRP locks, and restoring dead phones. He explained methods to identify corrupted software, perform factory resets, and reinstall operating systems to restore functionality.

Best Practices in Mobile Servicing:

Emphasizing professional repair standards, Mr. Krishnakumar provided tips on safe handling of sensitive components, proper use of ESD (Electrostatic Discharge) tools, and maintaining device integrity during repairs. He also discussed ethical practices in mobile repair services.

Impact and Learning Outcomes

The seminar proved to be a highly engaging and informative experience for all participants. The practical exposure enabled students to understand real-world troubleshooting scenarios, enhancing their technical knowledge and confidence in handling mobile devices.

Participants gained critical skills that are highly applicable in their academic projects, internships, and future career pursuits in mobile servicing, technical support, and electronics repair sectors.

The seminar concluded with an interactive Q&A session, where students clarified doubts and discussed additional troubleshooting challenges. The participants expressed gratitude for the hands-on learning experience, which bridged the gap between theoretical knowledge and practical skills.

The success of this seminar was a result of the coordinated efforts of faculty coordinators and volunteers, along with the expert guidance provided by **Mr. M. Krishnakumar**. His expertise and practical insights left a lasting impression, motivating students to explore deeper into the field of mobile technology and repair services.

Overall, the **Seminar on Mobile Troubleshooting** was an enriching experience that equipped participants with essential skills to excel in the fast-evolving world of mobile communication and electronic servicing.

Seminar on Augmented Reality

The Department of Electronics and Communication Engineering at Er. Perumal Manimekalai College of Engineering successfully conducted a **Seminar on Augmented Reality (AR)** on **6th and 7th January 2023**. The seminar was designed for **III-year students**, with **54 participants** actively engaging in the event.

The seminar was led by **Mr. B. Krishnakumar**, an experienced industry professional and a prominent expert in **Augmented Reality** solutions. His expertise in AR technology provided students with valuable insights into this rapidly evolving field.

Introduction to Augmented Reality:

Mr. Krishnakumar began the seminar by explaining the core concepts of Augmented Reality. He described how AR overlays digital content (such as images, sounds, and 3D objects) onto the real world using devices like smartphones, tablets, and AR headsets.

Applications of AR in Various Industries:

The speaker emphasized AR's impact across different sectors, including:

Education: Interactive learning experiences using AR-enhanced visuals.

Healthcare: AR-based surgical simulations and anatomy visualization.

Retail and Marketing: Virtual try-ons and interactive advertisements.

Gaming and Entertainment: Immersive AR gaming experiences.

Hands-on AR Development Workshop:

The seminar featured an interactive session where students explored AR development platforms such as **Unity 3D**, **Vuforia**, and **Spark AR**. Participants learned to create AR markers, integrate 3D objects, and develop interactive content.

Live Demonstration:

Mr. Krishnakumar showcased live AR applications, illustrating how digital content can seamlessly blend with real-world environments. Students had the opportunity to test AR devices and observe real-time interactions.

Future Scope and Career Opportunities:

The speaker highlighted the growing demand for AR professionals in industries like gaming, e-commerce, and healthcare. He encouraged students to explore AR development as a promising career path.

Impact and Learning Outcomes

The seminar provided students with a clear understanding of AR concepts, tools, and real-world applications. The hands-on experience boosted their confidence in developing AR-based solutions and inspired them to explore innovative ideas for academic projects and future careers.

The event concluded with a Q&A session where students actively interacted with Mr. Krishnakumar, seeking guidance on AR development and its potential growth.

Seminar on Electronics Circuit Design

The Department of Electronics and Communication Engineering at Er. Perumal Manimekalai College of Engineering successfully organized a **Seminar on Electronics Circuit Design** from **23rd September 2022 to 24th November 2022**. The seminar was attended by **54 III-year students**, offering them valuable insights into modern circuit design techniques.

The seminar was led by **Mr. Ejaz Ahamed**, a **Senior Product Developer** at **Gusto Valley Technovations, Hosur**. With extensive expertise in electronics design, Mr. Ejaz Ahamed shared his knowledge on developing efficient and reliable electronic circuits.

Introduction to Circuit Design Basics:

Mr. Ejaz Ahamed began the session by explaining fundamental concepts such as **resistors, capacitors, transistors**, and **ICs**. He detailed the significance of each component in circuit functionality.

Practical Design Techniques:

The speaker demonstrated practical circuit design methods using simulation tools like **Multisim** and **Proteus**. Students learned how to create schematics, analyze circuits, and troubleshoot common issues.

PCB Design and Prototyping:

Mr. Ejaz Ahamed introduced students to **Printed Circuit Board (PCB) design**, covering layout techniques, component placement, and soldering methods. He emphasized best practices for ensuring circuit stability and minimizing noise interference.

Hands-on Practice:

Participants were given practical tasks where they designed and assembled simple circuits. This session allowed students to apply theoretical concepts to real-world projects, improving their problem-solving skills.

Conclusion

The **Seminar on Electronics Circuit Design** proved to be a valuable learning experience for students, equipping them with essential skills for academic projects and future careers in electronics engineering. The students actively participated in discussions and expressed their appreciation for the engaging hands-on sessions led by **Mr. Ejaz Ahamed**.

Workshop on Embedded Systems using PIC & ARM

The Department of Electronics and Communication Engineering at Er. Perumal Manimekalai College of Engineering organized a two-day **Workshop on Embedded Systems using PIC & ARM** from **14th October 2022 to 15th October 2022**. The workshop was attended by **120 II-year students**, providing them with practical exposure to embedded system development.

The workshop was conducted by **Mr. Samarth Kulkarni**, a renowned **Embedded System Engineer** from **Edgate Technologies, Bengaluru**. With extensive industry experience, Mr. Kulkarni provided valuable insights into designing and programming embedded systems using **PIC** and **ARM** microcontrollers.

Introduction to Embedded Systems:

Mr. Kulkarni began by explaining the fundamentals of embedded systems, their architecture, and real-world applications. He highlighted the importance of embedded technology in sectors such as **automotive, healthcare, and consumer electronics**.

PIC and ARM Microcontrollers:

The session covered the architecture, pin configurations, and programming methods for **PIC** and **ARM** microcontrollers. Mr. Kulkarni demonstrated how these controllers are widely used in automation, robotics, and IoT applications.

Hands-on Programming Session:

The workshop featured practical coding exercises where students developed simple embedded programs using **MPLAB IDE** for PIC and **Keil IDE** for ARM controllers. Students implemented tasks such as **LED control, sensor interfacing, and motor control**.

Hardware Interface and Troubleshooting:

Mr. Kulkarni provided guidance on hardware interfacing techniques, emphasizing debugging methods and circuit protection strategies to ensure stable performance.

Conclusion

The **Workshop on Embedded Systems using PIC & ARM** was highly interactive and provided students with crucial hands-on experience. Participants gained practical skills in embedded programming, enhancing their knowledge for future academic projects and technical careers. The event's success was credited to the expert guidance of **Mr. Samarth Kulkarni** and the enthusiastic participation of students.

Technical Seminar on Industry 4.0 & Siemens PLC and Drives

The Department of Electrical and Electronics Engineering at Er. Perumal Manimekalai College of Engineering organized an insightful **Technical Seminar on Industry 4.0 & Siemens PLC and Drives** on **21st October 2022**. The seminar was attended by **55 participants** from the **III and IV-year** batches, specifically from **V and VII semesters**.



The seminar was conducted by **Mr. Mohammed Akmal**, a renowned industry expert specializing in **PLC systems** and **Industry 4.0 technologies**. With extensive experience in automation and industrial control systems, Mr. Akmal delivered valuable insights into the evolving trends in modern industrial automation.

Introduction to Industry 4.0:

Mr. Akmal began by explaining the concept of **Industry 4.0**, which integrates smart technologies such as **IoT, AI, cloud computing**, and **cyber-physical systems** into industrial automation. He emphasized how Industry 4.0 is revolutionizing manufacturing processes with improved efficiency, precision, and connectivity.

Siemens PLC and Drive Systems:

The session covered the fundamentals of **Programmable Logic Controllers (PLC)** and their applications in industrial automation. Mr. Akmal demonstrated Siemens PLC systems, showcasing their programming techniques using **Siemens TIA Portal** software.

Practical Demonstrations:

Students were introduced to real-time automation scenarios using Siemens PLCs for tasks such as **motor control, sensor integration**, and **fault diagnosis**. Mr. Akmal also explained the role of Siemens drives in enhancing motor performance, energy efficiency, and process optimization.

Industry Applications and Career Opportunities:

The seminar concluded with insights into career opportunities in the automation industry. Mr. Akmal encouraged students to develop skills in PLC programming, SCADA systems, and Industry 4.0 technologies to excel in future job roles.

Conclusion

The **Technical Seminar on Industry 4.0 & Siemens PLC and Drives** successfully enriched students with practical knowledge and industry-relevant skills. Participants appreciated the engaging demonstrations and valuable insights shared by **Mr. Mohammed Akmal**. The session equipped students with essential technical expertise to excel in the rapidly evolving field of industrial automation.

Technical Seminar on Vehicle Electronics Architectures and Implementations for CAVs



The Department of Electrical and Electronics Engineering at Er. Perumal Manimekalai College of Engineering conducted a highly informative **Technical Seminar on Vehicle Electronics Architectures and Implementations for Connected and Autonomous**

Vehicles (CAVs) on **1st April 2023**. The seminar was attended by **55 participants** from the **II** and **III-year** batches, specifically from the **IV** and **VI semesters**.

The seminar was conducted by **Mr. Ganesan Swaminathan**, an expert in **Automotive Electronics** with extensive experience in vehicle architecture design and autonomous system development. His session provided students with a comprehensive understanding of modern vehicle electronics and their role in enabling **Connected and Autonomous Vehicles (CAVs)**.

Introduction to CAV Technology:

Mr. Ganesan Swaminathan began the session by introducing the fundamentals of **Connected and Autonomous Vehicles**. He explained how CAVs combine sensors, communication systems, and intelligent control units to operate independently and improve road safety.

Vehicle Electronics Architecture:

The session covered the key components of modern vehicle electronics, including **ECUs (Electronic Control Units)**, **CAN Bus systems**, and **sensor integration**. Mr. Swaminathan detailed the design considerations required for ensuring system reliability, scalability, and security in vehicle networks.

Implementation Techniques:

Mr. Swaminathan demonstrated practical implementation strategies for integrating electronics into modern vehicles. He emphasized the role of **LiDAR**, **RADAR**, and **camera systems** in enhancing vehicle perception and decision-making capabilities.

Conclusion

The **Technical Seminar on Vehicle Electronics Architectures and Implementations for CAVs** proved to be an enriching experience for students, equipping them with valuable insights into the future of automotive engineering. The practical knowledge shared by **Mr. Ganesan Swaminathan** inspired participants to explore emerging technologies and pursue careers in vehicle electronics and autonomous systems development.

Technical Seminar on Recent Trends in Industrial Robots & IIoT



The Department of Electrical and Electronics Engineering at Er. Perumal Manimekalai College of Engineering organized a comprehensive **Technical Seminar on Recent Trends in Industrial Robots & IIoT (Industrial Internet of Things)** on **28th April 2023**. The seminar attracted **55 participants** from the **II and III-year** batches, specifically from the **IV and VI semesters**.

The seminar was conducted by **Mr. R. Prasanna**, an expert in **Industrial Automation** and **Robotics Engineering**. With extensive experience in smart manufacturing and automation technologies, Mr. Prasanna delivered an insightful session on the evolving landscape of industrial robotics and IIoT.

Introduction to Industrial Robots:

Mr. Prasanna began by explaining the fundamentals of **Industrial Robots**, their working principles, and their increasing role in modern manufacturing. He highlighted various types of robots used in industries, including **articulated robots**, **SCARA robots**, and **collaborative robots (cobots)**.

Applications of Robotics in Industry:

The session covered real-world applications of robots in sectors such as **automotive**, **electronics**, **pharmaceuticals**, and **food processing**. Mr. Prasanna shared examples of how robots enhance productivity, precision, and workplace safety.

Introduction to IIoT (Industrial Internet of Things):

Mr. Prasanna provided an overview of IIoT, explaining how smart sensors, data analytics, and cloud connectivity are transforming industrial automation. He highlighted the role of IIoT in predictive maintenance, remote monitoring, and data-driven decision-making.

Integration of Robotics with IIoT:

The seminar emphasized how integrating robots with IIoT systems can improve manufacturing efficiency, reduce downtime, and enable real-time performance tracking.

Conclusion

The **Technical Seminar on Recent Trends in Industrial Robots & IIoT** proved to be highly informative, providing students with practical knowledge and insights into modern automation technologies. The expert guidance of **Mr. R. Prasanna** inspired students to explore innovative solutions in industrial robotics and IIoT applications, preparing them for future advancements in smart manufacturing and industrial automation.

Technical Seminar on Digital Sensors and Actuators



The Department of Electrical and Electronics Engineering at Er. Perumal Manimekalai College of Engineering successfully conducted a **Technical Seminar on Digital Sensors and Actuators** on **2nd May 2023**. The seminar was attended by **55 participants** from the **II** and **III-year** batches, particularly from the **IV** and **VI semesters**.

The session was presented by **Mr. R. Bhuvaneshwaran**, an expert in **Sensor Technology** and **Automation Systems**. With vast experience in digital control systems and industrial automation, Mr. Bhuvaneshwaran delivered an insightful and interactive seminar that provided students with practical knowledge of sensor technologies and actuator mechanisms.

Introduction to Digital Sensors:

Mr. Bhuvaneshwaran introduced students to various types of **digital sensors**, including **proximity sensors**, **temperature sensors**, **pressure sensors**, and **optical sensors**. He explained their working principles, advantages over analog sensors, and their role in ensuring precise data collection.

Sensor Applications in Industry:

The speaker highlighted real-world applications of digital sensors in industries such as **automotive**, **robotics**, **healthcare**, and **home automation**. Students learned how digital sensors enable smart monitoring, control systems, and improved efficiency in modern technologies.

Sensor-Actuator Integration:

The seminar emphasized the integration of digital sensors with actuators to create responsive and intelligent systems. Mr. Bhuvaneshwaran demonstrated practical examples, such as automated doors, temperature control systems, and industrial safety mechanisms.

Conclusion

The **Technical Seminar on Digital Sensors and Actuators** provided students with vital knowledge of modern sensing and actuation technologies. The interactive learning experience enhanced their understanding of sensor-based automation and control systems.

Participants appreciated the valuable insights shared by **Mr. R. Bhuvaneshwaran**, which will undoubtedly aid them in academic projects, internships, and future careers in automation, electronics, and embedded systems.

Technical Seminar on Control System Engineering



The Department of Electrical and Electronics Engineering at Er. Perumal Manimekalai College of Engineering organized an engaging **Technical Seminar on Control System Engineering** on **6th May 2023**. The seminar was

attended by **30 participants** from the **II-year** batch, particularly from the **IV semester**.

The seminar was conducted by **Mr. N. Rajasekaran**, a distinguished expert in **Control Systems** and **Automation Engineering**. With his extensive industry experience, Mr. Rajasekaran provided valuable insights into the principles, design, and applications of control systems in modern engineering solutions.

Introduction to Control Systems:

Mr. Rajasekaran began the session by explaining the fundamentals of control system engineering. He discussed the difference between **open-loop** and **closed-loop control systems**, highlighting their significance in automation and industrial processes.

Mathematical Modelling and Transfer Functions:

The seminar covered key mathematical concepts such as **Laplace transforms**, **block diagram reduction**, and **transfer function models**. Mr. Rajasekaran explained how these techniques are used to analyze and design stable control systems.

PID Controllers and Applications:

A significant portion of the seminar focused on **Proportional-Integral-Derivative (PID)** controllers. Mr. Rajasekaran explained their role in improving system stability, accuracy, and response time. Real-life examples of PID controllers in **temperature regulation**, **motor speed control**, and **robotic systems** were discussed.

Practical Demonstration:

The session included a hands-on demonstration where students observed real-time control system simulations. Using software tools like **MATLAB** and **Simulink**, Mr. Rajasekaran showcased how engineers design and optimize control systems for various industrial processes.

Conclusion

The **Technical Seminar on Control System Engineering** provided students with a deeper understanding of control theory, system modeling, and real-world applications. The interactive demonstration and real-life examples enhanced their learning experience.

Hands-on Training on PLC & SCADA

The Department of Electrical and Electronics Engineering at Er. Perumal Manimekalai College of Engineering successfully conducted a **Hands-on Training on PLC & SCADA** on **3rd May 2023**. The session was attended by **55 participants** from the **II** and **III-year** batches, specifically from the **IV** and **VI semesters**.

The training was conducted by **Mr. G. Vignesh**, an experienced expert in **Automation Systems** and **Industrial Control Technologies**. With his extensive technical expertise, Mr. Vignesh provided participants with practical insights into **Programmable Logic Controllers (PLC)** and **Supervisory Control and Data Acquisition (SCADA)** systems.

Introduction to PLC Systems:

Mr. Vignesh began the session by explaining the fundamentals of **PLC systems**. He discussed their role in industrial automation and how PLCs are essential for controlling machinery, process systems, and equipment in manufacturing industries.

PLC Programming Techniques:

The training included detailed instructions on writing PLC programs using **Ladder Logic**, **Function Block Diagrams (FBD)**, and **Structured Text**. Students learned to develop programs for tasks such as **motor control**, **conveyor belt automation**, and **safety alarms**.

SCADA System Overview:

Mr. Vignesh introduced students to **SCADA systems**, explaining their role in real-time data monitoring, process visualization, and remote control. He demonstrated how SCADA software interfaces with PLCs to provide centralized control in industries.

Hands-on Practical Session:

Students actively participated in configuring PLCs and simulating industrial processes using **SCADA interfaces**. They practiced building automation sequences, setting alarms, and monitoring system performance in real-time.

Industry Applications and Future Opportunities:

Mr. Vignesh emphasized the demand for automation professionals and discussed career opportunities in fields such as **manufacturing**, **power plants**, and **smart infrastructure**.

Conclusion

The **Hands-on Training on PLC & SCADA** provided students with invaluable practical skills in automation technologies. The engaging sessions, live demonstrations, and expert guidance from **Mr. G. Vignesh** empowered participants to develop technical expertise for industrial applications. The training successfully bridged the gap between theoretical concepts and real-world automation solutions, preparing students for advanced roles in engineering and technology.

Hands-on Training on CATIA V5

The Department of Mechanical Engineering at Er. Perumal Manimekalai College of Engineering successfully conducted a **Hands-on Training on CATIA V5** on **4th May 2023**. The session witnessed the active participation of **32 students** from the **III** and **IV-year** batches, particularly from the **VI** and **VIII semesters**.

The training was conducted by **Mr. K. Siva Kumar**, a distinguished expert in **Computer-Aided Design (CAD)** and **Product Design Solutions**. With extensive experience in mechanical design software, Mr. Siva Kumar provided practical insights into **CATIA V5**, a leading CAD software used extensively in the engineering and manufacturing industries.

Introduction to CATIA V5:

Mr. Siva Kumar started the session by explaining the fundamentals of **CATIA V5**. He introduced the software's interface, toolbars, and essential features for designing complex mechanical components and assemblies.

Part Design and 3D Modeling:

Participants were trained in **Part Design**, where they learned to create 3D models of mechanical components using essential tools like **Sketcher**, **Pad**, **Pocket**, and **Fillet**. Mr. Siva Kumar guided students through practical exercises that enhanced their understanding of 3D modeling techniques.

Assembly Design and Drafting:

The session covered **Assembly Design**, where students combined multiple components to create complete mechanical systems. Mr. Siva Kumar also demonstrated the **Drafting** module, teaching students to generate detailed 2D drawings with accurate dimensions and annotations.

Hands-on Practice and Project Work:

Students actively participated in practical exercises, applying their knowledge to design real-world mechanical parts such as gears, shafts, and brackets.

Industry Applications and Career Guidance:

Mr. Siva Kumar emphasized CATIA's extensive use in industries like **automotive**, **aerospace**, and **industrial machinery**. He encouraged students to develop CAD skills to enhance their career opportunities in design and manufacturing sectors.

Conclusion

The **Hands-on Training on CATIA V5** equipped students with essential design skills, enhancing their ability to create precise mechanical models and technical drawings. The practical experience provided by **Mr. K. Siva Kumar** ensured that participants gained confidence in utilizing CATIA V5 for academic projects and future career opportunities in mechanical design and engineering.

Guest Lecture on World Engineering Day for Sustainable Development

The Department of Electrical and Electronics Engineering at Er. Perumal Manimekalai College of Engineering organized an inspiring **Guest Lecture on World Engineering Day for Sustainable Development** on **21st April 2023**. The session was attended by **55 students** from the **II** and **III-year** batches, specifically from the **IV** and **VI semesters**.

The lecture was delivered by **Mr. S. R. Saravanan**, a distinguished expert in **Sustainable Engineering** and **Environmental Solutions**. With extensive experience in promoting eco-friendly engineering practices, Mr. Saravanan shared valuable insights on the role of engineers in achieving global sustainability goals.

Key Highlights of the Lecture

Significance of World Engineering Day:

Mr. Saravanan began by emphasizing the importance of **World Engineering Day**, established by **UNESCO**, to recognize the contributions of engineers in addressing global challenges such as **climate change**, **resource management**, and **sustainable development**.

Sustainable Engineering Practices:

The speaker highlighted innovative engineering solutions that promote sustainability. Topics included **renewable energy systems**, **green building technologies**, and **waste management solutions**.

Role of Engineers in Achieving SDGs:

Mr. Saravanan discussed how engineers can contribute to achieving the **United Nations Sustainable Development Goals (SDGs)**. He stressed the need for energy-efficient systems, eco-friendly designs, and responsible resource management in modern engineering practices.

Career Opportunities in Sustainable Engineering:

Mr. Saravanan encouraged students to explore careers in emerging fields such as **solar power systems**, **wind energy**, and **water conservation technologies**, which are rapidly evolving to meet sustainability demands.

Conclusion

The **Guest Lecture on World Engineering Day for Sustainable Development** was highly informative and inspiring, motivating students to adopt eco-friendly practices in their future engineering projects. The insightful presentation by **Mr. S. R. Saravanan** empowered students to contribute actively towards building a greener, more sustainable world.

Industrial Visits: Enriching Technical Knowledge Through Practical Exposure

The Department of Electrical and Electronics Engineering at Er. Perumal Manimekalai College of Engineering successfully organized three impactful **Industrial Visits** that provided students with invaluable practical insights into various engineering domains. These visits offered hands-on learning experiences and enhanced students' understanding of industrial processes.

1. L&T Switchgear Training Centre – Ooty

Date: **10th June 2022**

Participants: **32 IV-year students**

The visit to **L&T Switchgear Training Centre** in **Ooty** provided students with detailed exposure to **switchgear technology** and its significance in power distribution systems. Students learned about **circuit breakers, protective relays, and control panel wiring**. The technical experts demonstrated modern switchgear devices, highlighting their role in ensuring electrical safety and efficient power management. This visit improved students' knowledge of advanced switchgear mechanisms and their practical applications in industries.

2. Nuclear Power Plant – Kudankulam

Date: **17th October 2022 to 21st October 2022**

Participants: **36 III-year students**

The visit to the **Kudankulam Nuclear Power Plant** offered students an exclusive opportunity to understand the functioning of a nuclear reactor. They observed key components such as **reactor cores, cooling systems, and radiation shielding**. Experts briefed students on nuclear safety protocols, energy generation processes, and the plant's contribution to India's energy grid. This visit provided a deeper understanding of nuclear power generation and its role in sustainable energy production.

3. Mettur Thermal Power Plant – Mettur

Date: **24th February 2023**

Participants: **36 III-year students**

During the visit to the **Mettur Thermal Power Plant**, students explored the power generation process using coal-fired turbines. They witnessed the working of **boilers, turbines, and cooling towers**. Engineers at the plant explained the importance of emission control systems and thermal efficiency optimization. The visit enabled students to understand large-scale power generation techniques and environmental considerations in thermal plants.

Conclusion

These industrial visits offered students practical exposure to key engineering systems, bridging the gap between classroom theories and real-world applications. The experiences at **L&T Switchgear Training Centre, Kudankulam Nuclear Power Plant, and Mettur Thermal Power Plant** enriched their technical knowledge and prepared them for future career opportunities in the power and energy sectors.

DEPARTMENT OF SCIENCE AND HUMANITIES

About Bridge Course

Department of Science and Humanities organized the Two week induction program for the fresh entrants of B.E / B. Tech. programme, in line with the AICTE requirement. The objective of this program was; *To help the engineering entrants adjust and feel comfortable in the new academic environment and to furnish them with an ease of transition to mainstream engineering studies through the introduction of ethos and culture of the institution*

Reputed personalities visited to our campus for providing Motivation and Orientation session stretched for couple of week. Total of 672 students participated in this program which was held from 28th November to 09th December 2022. We planned the course duration as 66 hours for every batch.

Scope of Bridge Course

This Bridge Course Scope included, but not limited to, the following areas;

S.No	Activity	Description
1.	Common Orientation Program	First day student's Enrollment and orientation Program with Parents Meet
2.	Students Excellence and Learning program	1. Department Interaction a. Mentor address – Scope & Job perspectives of respective department b. Department Lab Visit
		2. Universal Human Values
		3. Innovation and Entrepreneurship awareness
3.	Proficiency Modules	1. Communication – Language 2. Computer Basics 3. Mathematics 4. Internet of Things (IOT) 5. Cyber Security 6. Demo on electronic Kits

4	Physical Activities	1. Out Bound Training 3. Games
5.	Creative Arts	1 Crash course on documentary film making 3. Music and Dance
6.	Literary Activities	1. Reading & Writing 2. Debate 3. Enacting & Play
7.	Lectures by Eminent People	1. Self Confidence & Goal Settings 2. Campus Etiquettes & Time Management 3. Industry Expectations

Participants Summary

We formed 9 Batches out of 672 students with 75 students per Batch. We classified students based on their gender and medium of studies in order to deliver the relevant content for their standard of understanding.

Among the nine batches 3 batches were girls and 6 batches were boys. One batch from girls and one batch from boys belong to Tamil medium students. We allocated our faculty members as Batch in-charges for nine batches and insist them to coordinate the batches throughout the bridge course.

S.No	Department	No. of Students
1.	AERO	32
2.	CIVIL	16
3.	CSE	124
4.	ECE	125
5.	EEE	60
6.	IT	121
7.	MECH	34
8.	MCO	42
9.	AIDS	60
10	CSBS	58
	Total	672

Brief Note on various events

1. Outbound Training (OBT)

In Outbound Training students had been given outbound activities to improve leadership, communication skills, planning, delegation, team-work and motivation. Participants are divided into teams and assigned tasks or activities for completion in a specified time. Generally outbound training is offered out of campus. Due to huge strength for safety factor we conducted this inside our campus itself. **Mr. Saravna Perumal** and his team offered this outbound training for our students.



- This Outbound Trainings helped our students to enhance the individuals and groups, discover their latent talent and strengths in a safe, secure and supportive learning atmosphere.
- From this outbound training we identified that students have developed team strength and unity and improve interpersonal skill and rapport building.

2. “Express to Excel” – Basic Communication Skill

We understand that being able to communicate effectively is one of the important life skills. Hence, we offered a 3 hours session to our students on basic communication improvement. **Ms. Madhumitha Giri and Ms. Harsitha** explained their approach to improve their communication skills and make them more confident to speak in English. They mainly focused on the LSRW skills. Students actively participated on more exercises conducted by the trainers to improve their pronunciation.



Session Glimpses “Express to Excel”

3. Universal Human Values



Session by Mr. Ilangovan

As instructed by AICTE, it is mandatory to provide training on Universal Human Values for first year students. **Mr. R. N. Ilangovan, and Mr. Kathiravan, Erode** delivered the sessions. They emphasized the role of education as well as right understanding of self and body in order to find a perfect harmony between an individual, society and the nature.



Session by Mr. Kathiravan

This session helped our students to build a strong ethical value in life and career. Students stated that it was very useful and informative session, learnt about the importance of Relationship and Human value for harmony in personal life.

4. Technical Training

Technical training session was conducted to the students to create aware of and enrich their knowledge on recent technology related to their core.

4.1. Demo on Basic Electronic kits



Demo on Basic Electronic Kits & Sensors session was delivered by **Mr.M.E. Rajamanikam**, to the B.E. ECE students. He explained with an introduction to the fundamentals of Sensors and Transducers.

He briefed about capacitive, resistive and inductive transducers .which are used for simple projects and Appliances.

4.2. Introduction to Basics of Internet of Things (IOT)

Introduction to basics of IOT session was given by **Mr. Rajkumar Kalaimani, ICT Academy** to the students of B.E CSE, ECE and B.Tech IT, AIDS & CSBS.

He briefed that how we can connect everyday objects like kitchen appliances, cars, thermostats, baby monitors to the internet via embedded devices. He mentioned about the 4 important types of IOT which in trends. He highlighted the smart manufacturing technology.



4.3. Introduction to Cybersecurity and simple Coding and Hacking.

As the part of technical training, Session on Cyber security an Overview (Simple Coding and Hacking knowledge to secure information) was given to the students of B.E. CSE & B.Tech IT, CSBS & AI. This session was handled by **Mr. Kumara vel, ICT Academy**. He elaborated about an application of technologies, processes, and controls to protect systems, networks,

programs, devices and data from cyber attacks. Students stated that they understood the concepts of different Hackings.and simple coding.



“Cyber security an overview” Session

4.4. Automation, Robotics and 3D Printing.



Demonstration for students at SVIC, PMC TECH.

For manufacturing core students we planned a half day session on “introduction to Automation, Robotics and 3 D printing”. **Mr. Gajendran, Mr. Senthilkumar and Mr. Muralidharan** from Skill vocation and innovation centre (SVIC), PMC TECH had delivered the session with live demo and hands on experiences for Aero, MCO, MECH and EEE students. On this session, they demonstrated the function of Yaskawa welding Robot installed in the SVIC and 3D printing an innovative technology for prototype and Product making.

5. Soft skills Training by Ms. Priya Senthil

We invited an inspiring Trainer, **Dr. Priya Senthil**, Trainer, S2S Personality Development Pvt., Ltd., to present perspectives on various aspects of life. She focused on topics of self development and Attitude. She also provided clarity on how good habits directly promote us as better humans. She added that a Negative thought attracts more and positive thoughts get distracted very soon. She gave four main principles ABCD for success .Her ABCD Strategy with Mythological Stories and examples have cheered up the students and charged with taking their education and career seriously, for their sake and their parents' sake.



Glimpses of Session by Ms. Priya Senthil

6. Role of Mathematics in Engineering

Mathematics contributes to the core of engineering and serves as a source of knowledge from which engineering students can draw from. Thus, engineering students must have an ability to apply mathematical knowledge and skills to problem solving and engineering design tasks. In this contest we planned a session of role of mathematics in engineering for our students. **Mr. Ruban**, Face academy and **Mr. Prabhu Manikandan**,

Maths Academy, delivered this session. They elaborated the students about mathematical concepts, develop mathematical thinking and improve their attitude towards learning. They motivated the students to learn mathematics with great confidence and apply effectively in Engineering..



7. Mental Well being.

The speaker **Dr.Catherine**, Physiotherapist, explained in detail about the growth and transformations during adolescence, nutritional requirement, concerns, issues of adolescence and the preventive measures to overcome. She elaborated in detail about energy, proteins and various nutrients requirement and their role in adolescent health. In her presentation,



she insisted that mental health includes our emotional, psychological, and social well-being. It affects how we think, feel, and act. It also helps determine how we handle stress, relate to others, and make healthy choices. She highlighted the importance of positive behavior therapy. she also talks about tension releasing exercise.



8. Routines to Improve health.

Dr. Raghul, General Physician and **Dr. Sindu** General Physician were invited to address the students on the importance of physical wellbeing routines to improve their health. Students stated that this session was very useful for them and added that they learnt about Healthy Habits Including Good Grooming. This health and hygiene session gave them the guidance on how to make sensible choices that would improve their healthy living and wellbeing as they start to get older. Dr.Sindu. emphasized on the need of regular exercise to avoid diseases like diabetes, irregular issues for girl child, hypertension and obesity.



9. Dance & Music

Students should be exposed to culture and art forms like painting, pottery, music, dance etc . **Mr. Dinesh**, Cripers Academy was invited for conducting short term dance coaching for students. Students enjoyed very much in dancing and relax themselves with great amount of joy.



Students Joyful moment on Dancing

10. Crash Course on Documentary film Making.



To kindle the interest of students in making short films we planned a session as crash course on documentary film making. **Mr. Dinesh Balaji**, growing film maker presented this session to our students in various field of film making like, story, screenplay, dialogue writing, songs, frame fixing and lighting. Students explored their talents and interest on this session very much.

11. Awareness on Department Club Activities.

Club is an organization of people with a common purpose or interest, who meet and take part in shared activities. **Dr. M .Suresh**, Associate Professor, Physics gave a brief introduction on the clubs functioning in Department of Science and Humanities such as Astronomy club, Debate Club, Math Club etc.,. He explained about the process followed in organizing the club and the activities done in these clubs through the incharge faculty members, how participating in club activities helps them in enhancing their skills career opportunities.



11. Proficiency level Test

In this session proficiency level test was conducted to assess the competency of students over language and Basic Mathematics. Questionnaire was prepared and assessed the students understanding level of the above subjects. This strategy helped the students to know their proficiency level and start planning to improve the same.

12. Mentors Address

Mentoring and connecting with faculty members is the most important part of this 2 week induction program. Hopefully, it would set up a healthy relationship between the students and the faculty. Eminent mentor were invited to provided valuable input as the departmental orientation to our first year students

The following were discussed during the Mentoring sessions.

1. Inspiration on Department
2. Curriculum
3. Skills Required
4. Supplementary / Value added courses
5. Job Prospectus
6. Targeted Companies
7. Professional excellence etc



Dr. B. Madhusudhanan Addressing CSE Students



Principal Address



Dr. Cyril Prasann Raj Addressing ECE & EEE Students

13. Department Visit

In this session students were introduced to the respective programs and its objectives. Faculty gave details regarding courses, laboratories. The students of various programs were addressed by their respective Head of the Department and senior faculty.

The presentations included details: Introduction to the program and program objectives

- Various opportunities in industry.
- Outline of the respective course in detail.
- Elective subjects and projects
- Departmental labs.

14. NSS & YRC Objectives and Enrollment

YRC & NSS Coordinator shared their vision and objectives of the respective cells and to introduce all the major events organized by their cells in the Institute. They motivated the students to become the member of the cell by explaining the advantages of being in these cells. In general, it gave an insight to the students on the YRC & NSS activities conducted in our Institute throughout the year which will help them to improve their Social Service attitude.

15. Sports and Games

Games were meticulously planned and organized by the Physical education team comprising of **Mr. Anbalagan and Mrs.Selvarani**. The games/activities aimed at developing team building, communication, strategy development, problem solving, decision making, coordination, creative thinking etc. Students were actively involved and played energetically.



16. “Power to Flower” – Soft skill Training

POWER TO FLOWER - soft skill training Program was organized for I year B.E / B.Tech students from 1.12.2022 to 2.12.2022. The training was started with grand Inaugural function with Director sir and Principal Madam. The Chief guest Kalaimamani Marabin Mainthan Muthaiah handled the first session with inaugural note and encouraged students with many examples from his own life and inspired students to be a successful Engineer. He discussed the importance of Body mind coordination.



Further students were divided in 4 batches for two day training. The training curriculum was Transition management, Vision & Goal, Values and Virtues, Learning skills and Focus. The trainers were Mr. Shivakumar Palaniappan, Mr. Vivek, Mr. Ilanchezhian, Ms. Knagalakshmi and Ms. Akila. The training was ended with valedictory address by Kalaimamani Marabin Mainthan Muthaiah in the title of Being a passionate learner. During the valedictory, more students came forward and shared their feedback on this training and thank the trainer for fruitful information. Mr. M. Arul, AP- English delivered the vote of thanks.

17. Closing Session

All the Students of respective batches, were asked to share their feedback about the Induction Program and they were asked to submit their feedback report to their respective class mentors. Finally the Core Committee members of the Induction Program visited all the classrooms and concluded the Induction Program.

Abstract of Bridge course Curriculum

S.No	Name of the Program	Hours/	Name of the Resource Person
		Batch	
1.	Outbound Training	6	Mr. Saravanaperumal & Team Confedo Training Solutions and events, Coimbatore (5 days)
2	Special Address (Start your Journey to Success)	3	Marabin Mainthan Muthaiah & Team (2 Days)
	Motivation Training 1 (Power to Flower) 1. Emotional Intelligence 2. Breaking Habits 3. Discipline Techniques 4. create fear free environment	6	
	Motivation Speech 2	3	
	(Career Development) 1. Self Confidence 2. Developing Skills 3. Goal Setting 4. Personal Excellence.		
	Importance and Basics of Communication	6	1. Ms. Priya Senthil S2S Personality development Academy Pvt.Ltd.,
1. LSRW Skills of Language Acquisition		2. Madhumita Giri Technical, Life Skill & Communication Trainer, Salem. (5 Days)	
2. Conversation techniques			
3. English in real life situations (at the post office, bank, railway)	3		

	station, customer care etc.) 4. Correction of incorrect sentences 5. Techniques of reading		3. Ms. Haritha Technical, life skill & Communication Trainer (5 Days) 4. Mrs. Priyanka, Training Department – PMC TECH
	6.Role of Mathematics in Engineering	3	1. Mr. Ruban Face Academy 2. Mr. Prabhu Manikandan Maths Academy (2 days)
3.	Dance & Music	3	Cripers Dance Academy, Tirupur (4 days)
	Crash course on Documentary Film Making with Photography	3	Mr. Dinesh Balaji & team Short film Maker Tirupur. (4 Days)
4	1.IOT Basics & Demo	3	1. Mr. Rajkumar Kalaimani, (ICT Academy) Technical Lead Infinite computer solutions, Chennai.
	2.Demo on Basic Electronic Kits & Sensors	3	Mr. M. E. Rajamanikam Trainer &Industrialist, Embedded Solution, Chennai (5 days)
	3.Cyber security an Overview (Simple Coding and Hacking knowledge to secure information)	3	Mr. Kumaravel (ICT Academy)
	4. Robotics and 3D Printing	3	Skills vocational and Innovation Centre PMC TECH, Hosur
5	Mental Well being (Psychological Approach)	3	1. Catherine Shanlini.R Physiotheraphist,Fitness Consultant, Sports Rehabilitation Specialist, Salem (2 Days)

	Routines to improve Health	1.5	1. Dr. Rahul Ravindran, M.D., (General Medicine), IDCM, Consultant Physician. 2. Dr. Sindhu, M.S., OBG IDCM, Consultant Physician
6	1. Aspirations & family expectations, 2. Gratitude, Competition & cooperation 3. Competition and Excellence 4. Self and Body 5. Peer Pressure	3	1. Mr. Ilangovan, Psychologist & Corporate, Trainer, Hosur. (2 Days) 2. Mr. Kathiravan Orator, Erode (2 Days)
7	Department Orientation	-	1. Dr. B. Madhudsudhan, For CSE, IT, AIDS, CSBS 2. Dr. Cyril Prasanna Raj
8	Sport & Games (House Formation Competitions)	3	Mr. A. Anbazhagan, (Physical Director) Mrs. J. Selvarani (Physical Directress)
9	NSS & YRC Objectives & Enrollment	1.5	Mr. Thangamuthu, AP/CIVIL Mr. Arul, AP/English
10	Department Clubs Objectives and Enrollment	3	Dr. M. Suresh ASP - Physics Mr. Leo Michel Durai Raj, AP – Chemistry Dr. C. Gayathri, ASP – Maths Mr. Arul AP- English
11	Proficiency level Test	3	Dr. P. Selvi, ASP – Chemistry Mrs. Rathi, AP-English
Total Hours		66 Hrs	

DEPARTMENT OF PHYSICAL EDUCATION TRAINING

**Er. PERUMAL MANIMEKALAI
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10th & 11th March 2023

Chief Guest:
Mr. N. ANNAVI
Athletics Coach,
Chief Reservation Supervisor,
Southern Railway - Tiruchirappalli Division

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**SPORTS
DAY**
FOR THE ACADEMIC YEAR
2022-23

**10TH & 11TH MARCH
ALL ARE INVITED**

Hosur to Krishnagiri, Nallaganakothupalli, Near Koneripalli (PO), Hosur, Krishnagiri - 635 117

The Annual Sports Meet 2023 was held on March 10 & 11, bringing together students, faculty, and staff for two days of thrilling competition and camaraderie. The event showcased the athletic talent, sportsmanship, and team spirit of our students across various sports and track events.

With high-energy performances in relay races, long jump, shot put, badminton, football, volleyball, and more, the sports ground was filled with enthusiasm and determination. The highlight of the event was the march past and torch relay, symbolizing discipline and dedication.

Winners were awarded medals and certificates in a grand closing ceremony, celebrating their hard work and perseverance. The Annual Sports Meet 2023 was not just about winning—it was about participation, teamwork, and the joy of the game!

Volleyball (Boys) PG

SL NO	Winner	Runner
1	Raghul I MCA	Harish J I MBA
2	Vaikunthavasana D I MCA	Nagarjun N I MBA
3	Vinay Kumar K I MCA	Dharshan M V I MBA
4	Surya M I MCA	Karthik G I MBA
5	Yeshwanth Kumar I MCA	Vijay S I MBA
6	Vijay Kumar M I MCA	Santhosh Kumar P I MBA
7	Naveen G I MCA	Muralidharan J I MBA
8	Baskar V I MCA	Thirumalai Vasana T I MBA
9	Iniyavan T I MCA	Murali C I MBA
10	Gokul Nath N I MCA	Surendhar M I MBA
11	Govindhara S I MCA	-
12	Joshua I MCA	-

Volleyball (Seniors)

SL NO	Winner	Runner
1	Sundharan S IV CSE	Suriya S IV MECH
2	Mohd. Thalib II CSE	Chethan A II MECH
3	Kaif Khan III CSE	Ashwin S III MECH
4	Mohd. Ibrahim II CSE	Satheesh G III MECH
5	Sarvesh IV CSE	Thimmaraj III MECH
6	Jayasuriya IV CSE	Abishek V II MECH
7	Surya Kumar IV CSE	Murali Prasanth III MECH
8	Sujith IV CSE	Lakshmi pathy IV MECH
9	Rishinath K IV CSE	-
10	Hariprasad S IV CSE	-
11	Gowtham S IV CSE	-
12	Vijay M III CSE	-

100MTS Sprint

Category	1st Prize	2nd Prize	3rd Prize
1 Year Girls	D. Yuvashree (IT)	H.E. Mavathi R. (IT)	Dhanalakshi
UG Girls	G. Jayashree (II ECE)	S. Ramya (II ECE)	M. Sindhu (II ECE)
PG Girls	S. Poorgodi (II MBA)	S. Shireesha (I MBA)	P. Revathi (I MBA)
1 Year Boys	Mohammed Zubair (I AIDS)	Mohankumar (II CSE)	Cheran. N
UG Boys	Mohammed Fazil A (IV MCO)	Sabari S (II IT)	Ajay Surya (II ECE)
PG Boys	V. Bhaskar (I MCA)	V. Jeevan (I MBA)	-

200MTS Running

Category	1st Prize	2nd Prize	3rd Prize
1 Year Girls	Swetha. M (IT)	Vinisha. V (ECE)	Ruthika. V (CSE)
Senior Girls	Monika (III CSE)	Jayashree G (II EEE)	Aishwariya K (IV YR)
Senior Boys	Sairam. M (Aero)	Charan. A (ECE)	Vishal Kumar Pradad (CSE)
1 Year Boys	Gunasekaran (III Mech)	B.V. Sukumaran (IV CSE)	P. Bharath (III Mech)

400MTS Running

Category	1st Prize	2nd Prize	3rd Prize
1 Year Girls	Archana P (IT)	Kamali S (IT)	Yuvashree D (IT)
Senior Girls	Jayashree G (II EEE)	Juveriyasulthana M (IV EEE)	Mahalakshmi S (III EEE)
1 Year Boys	Yuniskhan M (I Aero)	Omsakthi B (CSE)	Ajay A (ECE)

Throwball (PG Girls)

SL NO	Winner	Runner
1	Meena. T (II MBA)	Alfiya. S (I MCA)
2	Pooja. N (I MBA)	Lavanya. R (I MCA)
3	Poongodi. S (I MBA)	Jaswini. S (I MCA)
4	Shireesha. S (I MBA)	Harinee. G (I MCA)
5	Sumatheshwari. H (I MBA)	Gayathri. K (I MCA)
6	Kowsalya. V (I MBA)	Kunikamar. S (I MCA)
7	Chandin. A (I MBA)	Abinaya. S (I MCA)
8	Rekina. D (I MBA)	Kavya. M (I MCA)
9	Poorani. V (I MBA)	Vigneshwari. R (I MCA)
10	Revathi. P (I MBA)	Mythili. T (I MCA)
11	Thenmozhi. H (I MBA)	Sarikamary. R (I MCA)

Kabaddi (1st Year Girls)

SL NO	Winner	Runner
1	Haripriya. T (EEE)	Anusha. B (ECE)
2	Priya. R (Aero)	Ashwini. C (CSE)
3	Sonika. A (IT)	Lavanya. R (ECE)
4	Jayashri. P (IT)	Kasthuri. A (CSE)
5	Sangeetha. H (IT)	Devadarsha. E (IT)
6	Hemavathi. M (IT)	Indhupriya. S (IT)
7	Eshiorj. V (IT)	Kayluzizi. N (CSBS)
8	Deeksha. K (CSE)	Monike. S (AIDS)
9	Sheeba Christe. A (IT)	Priyanka. P (CSBS)

Chess Winners

Category	Winner	Runner
1YR Girls	Vidya. N (AIDS)	Poojasree. Y (ECE)
UG Girls	Divya. C (III CSE)	Juveriya Sulthana. M (IV ECE)
UG Senior Boys	Dhayanithi. V (Aero)	Balasubramaniam. M (EEE)
PG Girls	Gayathri. K (I MCA)	Harsha. S (I MBA)
PG Boys	Iniyana (I MCA)	Surendar. M (I MBA)

Carrom Winners

Category	Winner	Runner
1YR Girls (Singles)	Haswamathi. B (CSBS)	Lahari. L (ECE)
UG Girls	Preethi. A (II ECE)	Pavithra. S (CSE)
1YR Boys	Abilash. K (CSE)	Monish. M (CSE)
Senior	Kiran Kumara (II MCO)	Chandrasekar. S

Prize Winners List

S.No	Name	Department	Prize Position
1	Siva Kumar, Thirumalai, Farath, Vignesh	MCA	I
2	Udaya Prakash, Kalaiya, Jaipal, Sudeer, Ajay.A	MCO	II
3	Suvenes, Charan, Manjund	ECE	III

Indoor Games Winner Name List

S.No	Name of the Game	Winners	Runners
1	Table Tennis IYR (Girls)	Jeevitha.M (IT)	Bindhu Sri (IT)
2	Table Tennis Senior (Boys)	Abishek.B (CSE)	Ashwin.S (III MECH)
3	Table Tennis Senior (Girls)	Mahalakshmi.S (III EEE)	Moonisha.M
4	Table Tennis IYR (Boys)	Keerthivasan.R.S (CSE)	Anish.S (IT)
5	Table Tennis PG (Girls)	Sindhu.N (I MBA)	Reshma.A (II MCA)
6	Table Tennis PG (Boys)	Baskar.V (I MCA)	Jeevan.B (I MBA)
7	Table Tennis IYR Girls (Doubles)	—	—
8	Table Tennis IYR Boys (Doubles)	1. Keerthivasan.R.S (CSE) 2. Anish.S (IT)	—
9	Table Tennis Senior (Doubles)	1. Aswin III (MECH) 2. Karthikeyan.B (III MECH)	1. Shanmugam.K (III IT) 2. Srinivasan.B (III IT)
10	Badminton Singles IYR Boys	Krithivasan.R.S (CSE)	Anish.S (IT)
11	Badminton Singles UG Boys	S. Ashwin (III MECH)	Jayakumar.M (III EEE)
12	Badminton Singles PG Boys	Adisivan.B (I MBA)	Surya.M

Annual Sports Day Winner Name List

Name of the Game	Winners	Runners
Badminton Singles IYR Girls (Doubles)	1. Durga.D (I ECE) 2. Divya.P (IT) 3. Vaishnavi.S (CSBS) 4. Anupriya.S (ECE)	1. Gayathri Devls (CSE) 2. Fizabegum.F (ECE) 3. Pragathi.R (ECE) 4. Rakshitha.S (IT)
Badminton IYR Boys	1. Keerthivasan.R.S (CSE) 2. Nithish Kumar.A.T (ECE)	1. Sakthivel.R (IT) 2. Sathish.N (CSBS)
Badminton UG Boys	1. Meizahagan.G (II MECH) 2. Ashwin.S (III MECH)	1. Aadhav.S.C.V (AERO) 2. Surendhar.D (IV AERO)
Badminton PG Boys	1. Surya.M (I MCA) 2. Govindharaj.S (I MCA)	1. Muralidharan.J (I MBA)

Throwball Winner List

Name of the Game	Winners	Runners
Throwball IYR Girls	1. Sindhu.B (ECE) 2. Saravani.V (ECE) 3. Keerthana.M (ECE) 4. Harshitha.T 5. Haripriya.T 6. Pavithira.B 7. Srividhya.S 8. Bhuvaneshwari.S 9. Abinaya.S 10. Thanzim.P 11. Sujitha.S 12. Aarthi.C	1. Lavanya.R 2. Lahari.R 3. Vinodhas 4. Nithyashree 5. Prithika.V 6. Indupriya.S 7. Rakshika 8. Jayanthi.R 9. Akshitha
Throwball UG Girls	1. Kaviya.M (III EEE) 2. Hemalatha.A (III EEE) 3. Pavithra (III EEE) 4. Mahalakshmi.S (III EEE) 5. Keerthana.S (III EEE) 6. Megala.N 7. Manisha.R (III EEE) 8. Divyashree.V (III EEE) 9. Yagashree.M (III EEE) 10. Ramya.R (III EEE) 11. Jayashree	1. Sonakshi (IV CSE) 2. Subana.K (III CSE) 3. Vinodhini.S (III CSE) 4. Harvashas.K (III CSE) 5. Bhuvaneshwari.K 6. Sindhu.N 7. Manusha.R 8. Sathu Priya.S 9. Manisha.S 10. Magamalac 11. Shoba.V (III CSE)

Athletics Events – Winners & Runners

Running Events

Event	🏆 Position 1	🏆 Position 2	🏆 Position 3
400m Running (Senior Boys)	Sudhir V (II MCO)	Prajewel P (II Mech)	Danush S (II ECE)
1500m Running (1st Year Boys)	Pavan Kumar (AIDS)	Govardhan (AIDS)	Perumal L
1500m Running (Senior Boys)	Muralidharan M (IV ECE)	Nikil Kumar R (CSE IV YR)	Santhosh Kumar M (II MCO)

Jumping Events

Event	🏆 Position 1	🏆 Position 2	🏆 Position 3
Long Jump (1st Year Girls)	Swetha M (IT)	Vinisha V (ECE)	-
Long Jump (Senior Girls)	Poongodi S (II MBA)	Ramya C (II IT)	Boomika M (II IT)
Long Jump (1st Year Boys)	Dinesh K (Civil)	Arun Pandiyan S (CSBS)	Sairam M (Aero)
Long Jump (Senior Boys)	Mohammed Fazil A (IV MCO)	Sabaris S (II IT)	Muralidharan M (IV ECE)
Triple Jump (1st Year Girls)	Swetha M (IT)	Vinisha V (ECE)	Poongodi S (II MBA)
Triple Jump (Senior Girls)	Ramya C (II IT)	Meganva V (II IT)	-
Triple Jump (1st Year)	Sanjaya Kumar K (CSE)	Dinesh K (Civil)	-

Boys)			
Triple Jump (UG Boys)	Muralidharan M (IV ECE)	Anandh Y (II IT)	Muthamil M (IV IT)
Triple Jump (PG Boys)	Thirumalai Vasan I (MBA)	Surendar M (MBA)	-

Throwing Events

Event	🏆 Position 1	🏆 Position 2	🏆 Position 3
Javelin Throw (1st Year Girls)	Monika	Indhupriya	Sahana R
Javelin Throw (Senior Girls)	Jayashree G (II ECE)	Ramya C (II IT)	Megamala V (IV CSE)
Javelin Throw (1st Year Boys)	Sairam M (Aero)	Muhammed Shuraim R (IT)	Dinesh K (Civil)
Javelin Throw (Senior Boys)	Muthamil M (IV IT)	Bhuvankishore (IV ECE)	Arul M (II Mech)
Shotput (1st Year Girls)	R. Sahana (IT)	Saranya (IT)	Monica S (AIDS)
Shotput (Senior Girls)	Kavya M (EEE)	Megamala V (IV CSE)	Sindhu M (II CSE)
Shotput (1st Year Boys)	Byresh A (IT)	Gunasekar S (CSBS)	Arumugham (EEE)
Shotput (Senior Boys)	Dhlipan V (IV ECE)	Chethan A (II Mech)	Balaji S (EEE)
Discus Throw (1st Year Girls)	Indhupriya S (IT)	Sagana G (IT)	Saranya (IT)
Discus Throw (Senior Girls)	Pavithra S (II CSE)	Jayasree G (II ECE)	Sonakshi G (IV CSE)
Discus Throw (1st Year Boys)	Byresh A (IT)	Harish G (EEE)	Muhammed Shuraim R (IT)
Discus Throw (Senior Boys)	Chethan A (II Mech)	Khan F (II CSE)	Kaif (II CSE)

🏆 Relay Events – Winners

Event	Team Members
4×100m Relay (1st Year Girls)	1. Yuvashree D (IT) 2. Vinisha V (ECE) 3. Maheshwari (AIDS) 4. M. Swetha
4×100m Relay (Senior Girls)	1. Ramya (II ECE) 2. Indhu M (II ECE) 3. Anupriya (III ECE) 4. Pavithra M (III ECE)
4×100m Relay (1st Year Boys)	1. Sivasangar C (CSE) 2. Sairam M (Aero) 3. Yunish Khan A (Aero) 4. Omshakthi B (CSE)
4×100m Relay (Senior Boys)	1. Santosh Kumar M (II MCO) 2. Mohammed Fazil (IV Mech) 3. Thanish F (II MCO) 4. Sudhir V (II MCO)
4×400m Relay	1. Monika S (AIDS)

(1st Year Girls)	2. Charulatha D (V) 3. Kaviyas (CSE) 4. Akshitha M (CSE)
4×400m Relay (Senior Girls)	1. Kavya S (II CSE) 2. Sathya Priya S (II CSE) 3. Pavithra G (II)

Kabaddi (Boys - 1st Year)

Match No.	Winner	Runner
1	Yunish Khan M (Aero)	Byresh A (IT)
2	Ganapathi P (ECE)	Dhanush Kumar K (IT)
3	Santhosh Kumar S (IT)	Selvin Doss P (IT)
4	Akash Kumar P (EEE)	Keerthivasan S (IT)
5	Pushpakaran R	Tharun G (AIDS)
6	Vediappan M (CSBS)	Mohan Kumar M (CSE)
7	Elango S (EEE)	Saravana Kumar S (ECE)
8	Sanjay M (CSBS)	Tharun Kumar R (CSBS)
9	Dhileep M (ECE)	Venkatesh M (ECE)

Kabaddi (Boys - Seniors)

Match No.	Winner	Runner
1	Harish S (II IT)	Krazanath N (III Civil)
2	Anand Y (II IT)	Arunkumar M (III Civil)
3	Thennarasu (III IT)	Sanjay G (III Civil)
4	Lakshmipathi V (II IT)	Karthikeyan S (III Civil)
5	Muthukumar E (IV IT)	Moorthy D (IV Civil)
6	Muthamil M (IV IT)	Ajith Kumar R (IV Civil)
7	Vignesh T (III IT)	Balaji V (III Civil)
8	Sachin Rao D (III IT)	Monish (II Civil)
9	Thirumoorthy M (III IT)	Madesh I (IV Civil)
10	Vinoth Kumar P (III IT)	-

Cricket (Boys - Seniors)

Sl. No	Winner	Runner
1	Dinesh Kumar N (IV IT)	Manoj Kumar M (III Mech)
2	Aravindhan S (III IT)	Lokesh L (II Mech)
3	Ashraf P (III IT)	Kishore Kumar B (II Mech)
4	Gowtham M (II IT)	Murali Prasanth K (III Mech)
5	Harish D (III IT)	Praveen Kumar M (II Mech)
6	Anand Y (III IT)	Sivara L (II Mech)
7	Thirumoorthy J (III IT)	Sathish G (III Mech)
8	Sabari S (II IT)	Abilash V (III Mech)
9	Lakshmipathy V (II IT)	Jayanth (III Mech)
10	Anand C (IV IT)	Prakash M (II Mech)
11	Jackson D (IV IT)	Abishek N (II Mech)
12	Muthamil M (IV IT)	Surya S (II Mech)
13	Vignesh A (IV IT)	Chethan A (II Mech)
14	Manoj S (IV IT)	Naresh Babu V (IV Mech)
15	Arun Kumar A (IV IT)	Thimmarai K (II Mech)

GALLERY



YOUTH AND RED CROSS STUDENTS ACTIVITY

Namma Ooru Superu: Celebrating Our Community Spirit



"Namma Ooru Superu" is more than just a phrase—it embodies the pride, unity, and vibrant culture of our hometown. It reflects the spirit of togetherness, resilience, and progress that defines our community. As NSS Youth and Red Cross students, we take immense pride in serving our town, contributing to its development, and upholding values of compassion and responsibility.

Our town is a hub of tradition and modernity, where heritage meets innovation. From its rich history and cultural festivities to its advancements in education, technology, and sustainability, our community thrives on a collective effort to build a brighter future. The true essence of "Namma Ooru Superu" lies in the people—farmers, educators, entrepreneurs, students, and volunteers—who work tirelessly to make a difference.

The NSS Youth and Red Cross students have played a crucial role in strengthening this spirit through various initiatives. From blood donation camps and cleanliness drives to tree plantations and educational outreach programs, we are committed to social welfare and community service. Our volunteers actively engage in health awareness campaigns, disaster relief efforts, and skill development programs, ensuring that no one in our town is left behind.



As young changemakers, it is our responsibility to uphold the values of selfless service and unity. Every small action, whether helping the elderly, educating children, or protecting the environment, contributes to the greatness of our town. The future of "Namma Ooru" is in our hands, and together, we can make it truly "Superu!"

Let us continue to celebrate and uplift our community, spreading positivity and making a lasting impact. After all, when we stand united, there's nothing our town cannot achieve!

INSTITUTION SOCIAL RESPONSIBILITY



BLOOD DONATION CAMP



CANCER AWARENESS PROGRAM



EYE CAMP



MEDICAL CAMP

INFRASTRUCTURE PHOTOS



Aeronautical Lab



Computer Lab



Civil - Concrete Lab



ECE LAB



Manufacturing Tech Lab



3D Printer Lab



Physics Lab



Library

INFRASTRUCTURE PHOTOS



PMC TECH - Engineering Main Block



West Block



East Block



Boys Hostel



Internet Café



Girls Hostel



Open Theatre Auditorium

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