

PINNACLES

MZCET NEWSLETTER

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*Empowering careers, shaping futures
Mount Zion leads the way*



Mount Zion

College Of Engineering & Technology



(Approved by AICTE, Affiliated to Anna University & Accredited by NAAC with A+ Grade)
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VISION & MISSION

VISION

To be the preferred choice of students who aspire to become Engineers of the highest calibre.

MISSION

- Provide world-class physical, digital infrastructure and learning environment.
- Develop the competencies of students to make them job-ready and entrepreneurs.
- Facilitate mental, physical, emotional and spiritual development of students and ensure their holistic development.
- Preserve the environment through the implementation of eco-friendly and sustainable practices.
- Serve the community through skill development and other need-based services.
- Establish sustainable partnerships with industries and R&D laboratories for mutual benefit.

ABOUT US

Mount Zion College of Engineering and Technology, Pudukkottai's genesis was in 2001. The institution is approved by AICTE and affiliated with Anna University, Chennai. This institution is accredited by the National Assessment and Accreditation Council (NAAC) with an A+ grade. It offers seven undergraduate programmes (Artificial Intelligence and Data Science, Civil Engineering, Computer Science and Engineering, Information Technology, Electrical & Electronics Engineering, Electronics & Communication Engineering, and Mechanical Engineering) and three postgraduate programmes (Computer Science & Engineering, Communication Systems and Master of Business Administration).



FOUNDER CHAIRMAN

Shri JAYABARATHAN CHELLIAH, M.A. (U.S.A), B.Ed.,



Shri Jayabarathan Chelliah was the Founder-Chairman of Mount Zion Christian Education Trust. Under his able leadership, the first school, which began in 1988, grew into many institutions. He held a Bachelor's Degree in Science from Alagappa University, Karaikudi, Tamil Nadu, and a Bachelor's Degree in Education from Calicut University, Kerala. He graduated with a Master's Degree in Educational Administration from the prestigious Loma Linda University, California, U.S.A., in June 1978. He was also an honored alumnus of Loma Linda University. Additionally, he received the Dr. Radhakrishnan (Nallasiriyar) Award from the Government of Tamil Nadu. The institutions he initiated will continue to strive to reach the lofty ideals he envisioned.

CHAIRPERSON

Mrs. FLORENCE JAYABARATHAN CHELLIAH, M.A., B.Ed.,



Mrs. Florence Jayabarathan is the Chairperson of Mount Zion College of Engineering and Technology. Along with Sri. Jayabarathan Chelliah, she is one of the founders of the Mount Zion Institutions in Pudukkottai District. With over 50 years of dedicated teaching experience, she motivates both teachers and students to perform to their fullest potential.

DIRECTOR

PROF. JAYSON KEERTHY JAYABARATHAN, M.Tech.,Ph.D.



Prof. Jayson Keerthy Jayabarathan, who holds a Bachelor's Degree in Computer Science & Engineering, a Master's Degree in Computer Science & Engineering, and a Ph.D., from Anna University, Chennai, along with his team of dedicated and qualified faculty, has been overseeing the college. He brings to the table over 20 years of experience in managing educational institutions. His primary objective is to provide students with the best technical information and the latest technology.

PRINCIPAL

Dr. P. BALAMURUGAN M.E.,Ph.D.



Dr. P. Balamurugan obtained his Bachelor's Degree in Electrical and Electronics Engineering as well as a Master's degree in Power Electronics and Drives from Bharathidasan University, Tiruchirappalli. He completed his Ph.D., in the Development of Optimal Hybrid Energy Systems for Rural Areas at the National Institute of Technology, Calicut, Kerala. With 22 years of experience in teaching, research, and academic administration, he has authored more than 30 publications in reputed journals and conferences. Under his supervision, four research scholars have successfully completed their Ph.D.

SPOTLIGHTS

MOU WITH GANDHIGRAM RURAL INSTITUTE



On July 8, 2024, Mount Zion College of Engineering and Technology signed an MoU with RCI-GRI (Deemed to be University) to formalize academic collaboration. The partnership aims to foster cooperation and development, with the MoU detailing institutional roles, successor responsibilities, and terms for future joint initiatives.

MOU WITH GLOBAL CORPORATIONS

Memorandums of Understanding (MoUs) with global corporations, start-ups, and institutions, including Mount Zion College of Engineering & Technology was signed on July 11, 2024. These partnerships focus on collaborative research, student internships, and technology development, aimed at better preparing students for successful careers in the tech industry.



SPOTLIGHTS

FACULTY TOUR TO KODAIKANAL – A REFRESHING GETAWAY



Mount Zion College of Engineering and Technology organised a refreshing staff tour to Kodaikanal on July 16, 2024. The trip provided an excellent opportunity for staff members and their families to unwind and connect outside the classroom while enjoying the breathtaking beauty of the hill station.

The serene landscapes, lush greenery, and tranquil lakes of Kodaikanal offered the perfect backdrop for relaxation and team bonding. Throughout the trip, participants engaged in various recreational activities, creating lasting memories and strengthening camaraderie among colleagues. It was an excellent opportunity for all involved to recharge, fostering a sense of community and rejuvenation that will undoubtedly carry over into their academic and professional endeavours.

The event's success highlighted the college's commitment to the well-being and unity of its staff, setting a positive tone for the upcoming academic year.

SPOTLIGHTS

CELEBRATING THE 78TH INDEPENDENCE DAY AT MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY

Mount Zion College of Engineering and Technology in Pudukkottai marked the 78th Independence Day with a grand flag-hoisting ceremony on August 15, 2024. The event was a heartfelt celebration of India's freedom and unity, bringing together faculty, staff, and students to commemorate this significant day in the nation's history.

The ceremony began with the hoisting of the national flag, followed by the singing of the national anthem, filling the air with patriotic fervour. The gathering reflected on the sacrifices made by our freedom fighters and the progress our country has achieved over the years. In addition to the flag-hoisting, the event included inspiring speeches and cultural performances, highlighting the values of independence, unity, and progress. The celebration was a moment to honour the nation and an occasion for the college community to renew its commitment to academic and personal excellence.

The 78th Independence Day celebration at Mount Zion College was a fitting tribute to the spirit of freedom, inspiring all to contribute positively to society and the nation's future.



SPOTLIGHTS

NATIONAL LEVEL GO-KART CHAMPIONSHIP



In a remarkable display of engineering prowess and teamwork, our students secured second place at the highly competitive Go-Kart Events Kart Racing Championship, Season 4. The event, organized by the Academy of Indigenous Motor Sports, took place at Hindusthan College of Engineering and Technology, Coimbatore.

The championship saw participation from around 25 teams representing various colleges across the country, with Mount Zion College of Engineering and Technology competing in the CV-160 category. The entire process of designing, building, and fitting the race car was undertaken by the students themselves, highlighting their technical skills and dedication. The team's impressive performance during the 45-minute endurance event earned them a prestigious second place nationally in this race car designing competition.

SPOTLIGHTS

INDUCTION PROGRAM 2024 - DAY 1



Mount Zion College of Engineering and Technology hosted a five-day induction program for its first-year students from September 9 to September 13, 2024. The program was designed to help new students acclimate to the college environment and familiarise them with various academic and extracurricular opportunities.

The induction started with a motivational address by Dr. Guru Selvaraj, Vice President of HR & IR at Sri Ranganathar Industries Pvt. Ltd., Coimbatore. His speech set a positive tone for the program, emphasising the importance of education and personal development. Students were then engaged in several activities, including department visits, uniform distribution, and textbook collection, ensuring they were well-prepared for the academic journey ahead.

SPOTLIGHTS

INDUCTION PROGRAM 2024 - DAY 2



On the second day, Dr. S. Robinson, Dean of ICT, took students on a tour of the college's state-of-the-art facilities. Department heads showcased their respective departments, and students had the opportunity to visit various laboratories, getting hands-on experience in their future learning spaces.

INDUCTION PROGRAM 2024 - DAY 3

The third day focused on career development, with a special session on the Training and Placement Cell, led by Dr. K. Pandiarajan, Placement Officer. Students were also inspired by a guest lecture from Mrs. Salom Jerlin, Project Head/HR at Hitakey Tech Solution Pvt. Ltd., Trichy. In addition, sports activities were organised, encouraging students to stay active and engage with their peers.



SPOTLIGHTS

INDUCTION PROGRAM 2024 - DAY 4



On the fourth day, students learned about the institution's various clubs and cells through a presentation by Mr. D. Thivya Prasad, HoD of EEE. This was followed by another insightful guest lecture by Mr. H. Balamurugan, Vice President of HR at Chella Software Pvt. Ltd., Madurai, who shared valuable career insights.

INDUCTION PROGRAM 2024 - DAY 5

The final day concluded with an enriching lecture by Mr. S. Paneer Selvam, Senior Manager at OLA Electric, Bangalore, on the latest trends in the industry. Mr. S. Suresh, Assistant Professor of Mechanical Engineering, led a session on the core values that guide the institution and the students.



SPOTLIGHTS

SMART INDIA INTERNAL HACKATHON 2024: A PLATFORM FOR INNOVATION AND COLLABORATION



Mount Zion College of Engineering and Technology hosted the Smart India Internal Hackathon 2024 on September 11 and 12, 2024, in the conference hall. This exciting event saw an impressive participation of 63 teams, comprising 378 students from various departments across the college. Each team, comprised of six members, brought diverse skills and perspectives to the competition, reflecting the college's strong emphasis on interdisciplinary collaboration.

The hackathon focused on 63 real-world problem statements designed to challenge participants to think creatively and develop innovative solutions for pressing societal issues. The teams worked tirelessly over the two days, brainstorming ideas, coding solutions, and refining prototypes to present their results.

SPOTLIGHTS

19TH GRADUATION DAY: A CELEBRATION OF ACHIEVEMENT AND FUTURE ASPIRATIONS



The 19th Graduation Day of Mount Zion College of Engineering and Technology was held on September 13, 2024, celebrating the academic achievements of 203 graduates from various departments. The ceremony was a momentous occasion marked by pride, joy, and a sense of accomplishment for the graduating students. Shri N. Somasundaram, General Manager, OLA Electric, Bangalore, graced the event and delivered the graduation day address. In his inspiring address, Shri Somasundaram shared valuable insights from his extensive industry experience. He emphasised the importance of innovation, perseverance, and ethical leadership in today's fast-evolving professional world. Shri Somasundaram's speech provided practical wisdom on navigating the complexities of the modern workplace, stressing the need for continuous learning and ethical decision-making.

SPOTLIGHTS

SCIENCE AND TECHNOLOGY CAPACITY BUILDING FOR INDUSTRIAL NEEDS: A COMPREHENSIVE TRAINING PROGRAM

Mount Zion College of Engineering and Technology organised a comprehensive six-day training program titled Science and Technology Capacity Building for Industrial Needs from September 18 to 20, 2024, and September 25 to 27, 2024. The program was designed to enhance participants' skills, equipping them to meet the evolving demands of the industrial sector. The training covered various topics, including industrial trends, personality development, entrepreneurship, and career guidance. With 300 participants from different engineering colleges across the Pudukkottai district, the sessions combined lectures, interactive discussions, and group activities, offering technical knowledge and soft skills development. The program featured distinguished industry professionals, such as Er. Aruli Thanigachalam, Manager-HRBP at RIBO Industries Pvt. Ltd., Trichy, and Er. P. Kaveri Manian, Lead Auditor and Plant Head at Aruna Alloys Steels Pvt. Ltd., Madurai, shared their expertise with the attendees. The program was coordinated by Dr. K. Pandiarajan, Placement Officer, and received overwhelmingly positive participant feedback.



SPOTLIGHTS

ENGINEER'S DAY 2024: CULTURAL KALEIDOSCOPE ART EXHIBITION



In honour of Engineer's Day, Mount Zion College of Engineering and Technology hosted an inspiring Art Exhibition on September 11, 2024, titled Cultural Kaleidoscope: An Exhibition of Global Art. The program was coordinated by Mrs. S. Ammu, Extra Curricular Co-Ordinator, and the event showcased the incredible artistic talents of the college's students, celebrating both creativity and the spirit of engineering. The exhibition featured various paintings, sketches, and mixed-media artworks, each illustrating worldwide cultures and traditions. Through their vibrant and thought-provoking creations, students expressed a rich blend of global influences, offering a visual journey that connected engineering with the world of art and culture.

SPOTLIGHTS

EDUCATIONAL AND CULTURAL TOUR TO MALAYSIA FOR FACULTY MEMBERS



The faculty members embarked on an educational and cultural tour to Malaysia from September 26 to September 30, 2024. The tour aimed to provide faculty members with a unique blend of academic enrichment and cultural exploration, leaving a lasting impact on their professional and personal growth.

During the visit, the faculty explored Malaysia's iconic landmarks, including the Petronas Twin Towers, KL Tower, Batu Caves, Putrajaya, Genting Highlands, Birds Park, and Aquaria KLCC. These visits offered a remarkable opportunity to admire Malaysia's architectural marvels and gain a deeper appreciation for its vibrant cultural heritage.

In addition to sightseeing, the tour featured academic workshops and collaborative sessions at Mahsa University, one of Malaysia's premier institutions. These sessions facilitated global academic exchange, highlighted innovative teaching methodologies, and provided valuable insights into Malaysia's evolving engineering and technology sectors.

SPOTLIGHTS

STUDENT'S PARTICIPATION

- Ms. V. Lalitha Meenakshi, II AI&DS presented the paper on Deep Learning Approaches in Agriculture using drones in the National Level Technical Symposium Tek Cluster' 24 at Kongunadu College of Engineering and Technology, Trichy on September 19, 2024.
- Ms. S. Maha Lakshmi, II AI&DS presented the paper on Deep Learning Approaches in Agriculture using drones in the National Level Technical Symposium Tek Cluster' 24 at Kongunadu College of Engineering and Technology, Trichy on September 19, 2024.
- Ms. R. Asmitha II, AI&DS presented the paper on Deep Learning Approaches in Agriculture using drones in the National Level Technical Symposium Tek Cluster' 24 at Kongunadu College of Engineering and Technology, Trichy on September 19, 2024.
- Ms. M. Devipriya, II AI&DS presented the paper on Deep Learning Approaches in Agriculture using drones in the National Level Technical Symposium Tek Cluster' 24 at Kongunadu College of Engineering and Technology, Trichy on September 19, 2024.
- Ms. V. Lalitha Meenakshi, II AI&DS participated in the Non Technical Event in the National Level Technical Symposium Tek Cluster' 24 at Kongunadu College of Engineering and Technology, Trichy and won I Prize September 19, 2024.
- Ms. S. Maha Lakshmi, II AI&DS participated in the Non Technical Event in the National Level Technical Symposium Tek Cluster' 24 at Kongunadu College of Engineering and Technology, Trichy and won I Prize September 19, 2024.



SPOTLIGHTS

STUDENT'S PARTICIPATION

- Ms. R. Asmitha, II AI&DS participated in the Non Technical Event in the National Level Technical Symposium Tek Cluster' 24 at Kongunadu College of Engineering and Technology, Trichy and won I Prize September 19, 2024.
- Ms. M. Devipriya, II AI&DS participated in the Non Technical Event in the National Level Technical Symposium Tek Cluster' 24 at Kongunadu College of Engineering and Technology, Trichy and won I Prize September 19, 2024.
- Mr. T. Akash, IV CIVIL participated in Brick Bonding at Engineer's day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won I Prize on September 11, 2024.
- Mr. S. Hariharan, IV CIVIL participated in Brick Bonding at Engineer's day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won I Prize on September 11, 2024.
- Mr. M. Sivabalan, IV CIVIL participated in Brick Bonding at Engineer's day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won I Prize on September 11, 2024.
- Mr. S. Revanth, II CIVIL participated in Brick Bonding at Engineer's day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won I Prize on September 11, 2024.
- Mr. M. Bharathi, IV CIVIL participated in Brick Bonding at Engineer's day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won II Prize on September 11, 2024.



SPOTLIGHTS

STUDENT'S PARTICIPATION

- Mr. J. Rajkumar, IV CIVIL participated in Brick Bonding at Engineer's Day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won II Prize on September 11, 2024.
- Mr. A. Manokaran, IV CIVIL participated in Brick Bonding at Engineer's Day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won II Prize on September 11, 2024.
- Mr. M. Santhosh Kumar, II CIVIL participated in Brick Bonding at Engineer's Day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won II Prize on September 11, 2024.
- Ms.A. Safreena Thajrin, II CIVIL participated in Brick Bonding at Engineer's day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won III Prize on September 11, 2024.
- Ms.R. Varsha, II CIVIL participated in Brick Bonding at Engineer's Day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won III Prize on September 11, 2024.
- Mr.M. Deepak, II CIVIL participated in Brick Bonding at Engineer's Day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won III Prize on September 11, 2024.
- Mr.K. Ramkishore, II CIVIL participated in Brick Bonding at Engineer's Day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won III Prize on September 11, 2024.



SPOTLIGHTS

STUDENT'S PARTICIPATION

- Mr. J. Joel Moses, IV CIVIL participated in Technical Connection at Engineer's Day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won I Prize on September 11, 2024.
- Mr. M. Periyasamy, IV CIVIL participated in Technical Connection at Engineer's day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won I Prize on September 11, 2024.
- Mr. V. Santhosh, IV CIVIL participated in Technical Connection at Engineer's day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won I Prize on September 11, 2024.
- Mr. S. Muralitharan, III CIVIL participated in Technical Connection at Engineer's day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won II Prize on September 11, 2024.
- Mr. R. Alaguganesh, III CIVIL participated in Technical Connection at Engineer's day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won II Prize on September 11, 2024.
- Mrs. A. Akshaya, III CIVIL participated in Technical Connection at Engineer's day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won II Prize on September 11, 2024.
- Mr. R. Praveen III CIVIL participated in Technical Connection at Engineer's day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won III Prize on September 11, 2024.
- Mr. S.V. Navin III CIVIL participated in Technical Connection at Engineer's day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won III Prize on September 11, 2024.



SPOTLIGHTS

STUDENT'S PARTICIPATION

- Mr. S. Panneer Selvam, III CIVIL participated in Technical Connection at Engineer's day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won III Prize on September 11, 2024.
- Mr. G. Balakrishnan, IV CIVIL participated in Revit Drawing at Engineer's day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won I Prize on September 11, 2024.
- Mr. S. Kabilan, IV CIVIL participated in Revit Drawing at Engineer's Day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won II Prize on September 11, 2024.
- Mr. K. Dhayanidhi, IV CIVIL participated in Revit Drawing at Engineer's Day celebration at Mount Zion College of Engineering and Technology, Pudukkottai and won III Prize in on September 11, 2024.
- Mr. V. Santhosh, IV Civil participated in the football team for the CM Trophy at Pudukkottai on September 19, 2024.
- Mr. P. Alagarsamy, IV Civil participated in the football team for the CM Trophy at Pudukkottai on September 19, 2024.
- Mr. S. Hariharan, IV Civil participated in the football team for the CM Trophy at Pudukkottai on September 19, 2024.
- Mr. M. Sivabalan, IV Civil participated in the football team for the CM Trophy at Pudukkottai on September 19, 2024.
- Mr. J. Joel Moses, IV Civil participated in the football team for the CM Trophy at Pudukkottai on September 19, 2024.



SPOTLIGHTS

STUDENT'S PARTICIPATION

- Mr. M. Periyasamy, IV Civil participated in the football team for the CM Trophy at Pudukkottai on September 19, 2024.
- Mr. S. Kabilan, IV Civil participated in the football team for the CM Trophy at Pudukkottai on September 19, 2024.
- Mr. M. Bharathi, IV Civil participated in the football team for the CM Trophy at Pudukkottai on September 19, 2024.
- Mr. M. Jeya srinianvasan, II Civil participated in the basketball team for the CM Trophy at Pudukkottai on September 19, 2024.
- Mr. A.Jeevan, II Civil participated in the basketball team for the CM Trophy at Pudukkottai on September 19, 2024.
- Mr. K. Ram Kishore, II Civil participated in the handball team for the CM Trophy at Pudukkottai on September 19, 2024.
- Ms. Ramu Soundariya, II CSE participated in Webinar on VLSI at Imbed Software, Karaikudi on September 14, 2024.
- Mr. Santhosh, II CSE presented the paper on Role of Block Chain in shaping Tommorrow's digital landscape at Kongunadu College of Engineering and Technology, Trichy on September 19, 2024.
- Mr. Navin Carlin, II CSE presented the paper on Role of Block Chain in shaping Tommorrow's digital landscape at Kongunadu College of Engineering and Technology, Trichy on September 19, 2024.
- Mr. Sathaiah, II CSE presented the paper on Role of Block Chain in shaping Tommorrow's digital landscape at Kongunadu College of Engineering and Technology, Trichy on September 19, 2024.



SPOTLIGHTS

STUDENT'S PARTICIPATION

- Mr. R.Guhan Raj, IV ECE participated in Routh Hour Event at SNS college of Engineering, Coimbatore on September 19-20, 2024.
- Mr. G. Arunkumar, IV EEE participated in Tamil Nadu Startup Thiruvizha 2024 Conference at TN Startup, Madurai on September 28, 2024 to September 29, 2024.
- Mr. Melwin Irish, IV MECH participated in Kart Racing Championship at Hindustan College of Engineering and Technology, Coimbatore and won II Prize on August 19, 2024.
- Mr. Kathikeyan Irish, IV MECH participated in Kart Racing Championship at Hindustan College of Engineering and Technology, Coimbatore and won II Prize on August 19, 2024.
- Mr.K. Lakshmi Narayanan, IV MECH participated in Kart Racing Championship at Hindustan College of Engineering and Technology, Coimbatore and won II Prize on August 19, 2024.
- Mr.B. Raghul Kannan, IV MECH participated in Kart Racing Championship at Hindustan College of Engineering and Technology, Coimbatore and won II Prize on August 19, 2024.
- Mr. L. Sri Ram, IV MECH participated in Kart Racing Championship at Hindustan College of Engineering and Technology, Coimbatore and won II Prize on August 19, 2024.
- Mr. Sriramachandran, IV MECH participated in Kart Racing Championship at Hindustan College of Engineering and Technology, Coimbatore and won II Prize on August 19, 2024.



SPOTLIGHTS

STUDENT'S PARTICIPATION

- Mr. Harish Jeyaram, IV MECH participated in Kart Racing Championship at Hindustan College of Engineering and Technology, Coimbatore and won II Prize on August 19, 2024.
- Mr. Naveen kumar, IV MECH participated in Kart Racing Championship at Hindustan College of Engineering and Technology, Coimbatore and won II Prize on August 19, 2024.
- Mr.M.Yuvan Shankar. III MECH participated in Kart Racing Championship at Hindustan College of Engineering and Technology, Coimbatore and won II Prize on August 19, 2024.
- Mr.P.Refuge Joel, III MECH participated in Kart Racing Championship at Hindustan College of Engineering and Technology, Coimbatore and won II Prize on August 19, 2024.
- Mr. Mohamed Arshad, III MECH participated in Kart Racing Championship at Hindustan College of Engineering and Technology, Coimbatore and won II Prize on August 19, 2024.
- Mr. P.Pravin, III MECH participated in Kart Racing Championship at Hindustan College of Engineering and Technology, Coimbatore and won II Prize on August 19, 2024.
- Mr. Sakthivel, III MECH participated in Kart Racing Championship at Hindustan College of Engineering and Technology, Coimbatore and won II Prize on August 19, 2024.
- Mr. S.Surya, III MECH participated in EDII's Hackathon 2023-24 at Pandiyan Saraswathi Yadav Engineering College, Sivagangai on September 10,2024.



SPOTLIGHTS

STUDENT'S PARTICIPATION

- Mr. R.Balaji, III MECH participated in EDII's Hackathon 2023-24 at Pandiyan Saraswathi Yadav Engineering College, Sivagangai on September 10,2024.
- Mr. Hariharan, III MECH participated in EDII's Hackathon 2023-24 at Pandiyan Saraswathi Yadav Engineering College, Sivagangai on September 10,2024.
- Mr. M.Yuvan Shankar, III MECH participated in EDII's Hackathon 2023-24 at Pandiyan Saraswathi Yadav Engineering College, Sivagangai on September 10,2024.
- Mr. S. Ajmal Khan, III MECH participated in Dirt Bike atKarpagam College of Engineering, Coimbatore on September 20, 2024.
- Mr. V. Nandha Kumar III MECH participated in Dirt Bike at Karpagam College of Engineering, Coimbatore on September 20, 2024.
- Mr. S. Naveen III MECH participated in Dirt Bike at Karpagam College of Engineering, Coimbatore on September 20, 2024.
- Mr. KR. Bhuvaneshwaran III MECH participated in Dirt Bike at Karpagam College of Engineering, Coimbatore on September 20, 2024.
- Mr. M. Prakash III MECH participated in Dirt Bike at Karpagam College of Engineering, Coimbatore on September 20, 2024.



DEPARTMENT OF AIDS & IT

ADD-ON COURSE ON PYTHON PACKAGES FOR MACHINE LEARNING AND DATA SCIENCE



The Department of Artificial Intelligence & Data Science at Mount Zion College of Engineering and Technology hosted an enriching Add-On Course on Python Packages for Machine Learning and Data Science from September 3 to 5, 2024. The course, led by Mrs. M.S. Ramadevi, Assistant Professor & Head of the AI & DS Department, aimed to equip students with essential skills in Python programming, data analysis, and machine learning techniques. The three-day course covered various practical topics, including popular Python libraries such as Pandas, NumPy, Matplotlib, and Scikit-learn, critical for data manipulation, visualisation, and model building in machine learning and data science. A highlight of the event was a webinar on the second day titled Autonomous Digital Solutions for Agriculture. This session explored the transformative role of AI and IoT technologies in revolutionising the agricultural sector. The webinar provided valuable insights into how these technologies can optimise farming practices, increase efficiency, and promote sustainable agriculture. The Add-On Course and webinar deepened the participants' technical knowledge. They fostered a broader understanding of how emerging technologies shape various industries.

DEPARTMENT OF CIVIL ENGINEERING

VALUE-ADDED COURSE ON REVIT

The Department of Civil Engineering successfully organised a Value-Added Course titled Design and Build with Revit: A Hands-on Experience from September 3 to September 6, 2024. The course was conducted by Mrs. Regina Mary, Assistant Professor of Civil Engineering, and aimed to enhance students' proficiency in Building Information Modelling (BIM) using Revit Architecture.

Participants gained insights into essential tools, advanced modelling techniques, and integrating architectural design with civil engineering principles. The program featured engaging, practical assignments, a mid-course quiz, and a final project, allowing students to develop coordinated building models.

This hands-on experience equipped students with valuable skills to tackle future engineering challenges and demonstrated the department's commitment to bridging the gap between academic learning and industry demands.



DEPARTMENT OF CIVIL ENGINEERING

ENGINEERS DAY CELEBRATION WITH ENGAGING EVENTS



On September 11, 2024, the Department of Civil Engineering celebrated Engineers Day with activities fostering creativity and technical skills. Led by Mrs. Regina Mary, events included a Brick Bonding Workshop, a Revit Drawing Competition, and a Technical Connections Seminar.

SEMINAR ON ADVANCED TECHNOLOGIES IN IRRIGATION STRUCTURES

The Department of Civil Engineering, in collaboration with The Institution of Engineers (India), organized a seminar on Application of Advanced Technologies in Irrigation Structures on September 12, 2024. Keynote speaker Er. M. Sekar, M.E., highlighted smart irrigation and automated water management, emphasizing technology's role in enhancing efficiency and sustainability.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

JAVA GUI ARCHITECT BOOTCAMP



On August 19-21, 2024, III CSE students attended a Java GUI Architect Bootcamp aimed at bridging theoretical knowledge with practical applications. Inaugurated by Dr. P. Balamurugan and guided by Dr. Jayson Keerthi Jayabharathan, the event featured sessions on Java programming and database connectivity, enhancing skills and boosting career prospects.

CODE CONTEST: A BATTLE OF THE ALGORITHM

The Department of Computer Science and Engineering, in association with the Computer Society of India, held Code Contest: A Battle of the Algorithm on August 23, 2024. Guided by Mrs. M. Sathya, Assistant professor of CSE, the event featured 25 participants solving algorithmic challenges on HackerRank. Balaganesh (IV CSE) won, highlighting teamwork, innovation, and coding excellence.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE-ADDED COURSE ON DATA ANALYTICS USING PYTHON



The Department of Computer Science and Engineering successfully organized a Value-Added Course (VAC) on Data Analytics Using Python from August 28 to August 30, 2024. This comprehensive course provided participants with a solid foundation in data analytics, focusing on Python's capabilities for data processing, analysis, and visualization. Mrs.G. Sasikala, Assistant Professor of CSE covered fundamental concepts, essential libraries, and industry best practices, catering to both beginners and intermediate learners. The event attracted an impressive 124 participants from diverse backgrounds, fostering teamwork and friendly competition throughout the sessions.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPLORE LIVE NEWS BROADCASTING FACILITY

On September 6, 2024, a group of 93 second-year students from the Department of Computer Science and Engineering, accompanied by faculty members Mr. V. Saravanan, Mr. N. Lakshman Kumar, Mrs. V. Brindha Devi, Mrs. K. Thenmozhi, Ms. Divya T., and Ms. Nisha K., Assistant Professor of CSE embarked on an educational tour of a live news broadcasting facility. The visit began in the Live News Reading area, where students observed the advanced technology that supports news anchors, including teleprompters and audio systems. The next stop was the Earth Station, a critical hub for satellite communication featuring large satellite dishes used for transmitting global signals.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

WEB DEVELOPMENT TRAINING SESSION BY ALUMNUS MR. MANIRETHNAM

The Department of Computer Science and Engineering organised a hands-on web development training session on September 13, 2024, led by Mr. Manirethnam, an accomplished alumnus and Tech Lead at HCL Technologies, Chennai.

The session gave participants practical knowledge for designing and building modern websites and web applications. Key topics included HTML, CSS, JavaScript, responsive design, front-end frameworks, and an introduction to back-end development.

By the end of the session, participants had successfully built. They deployed their web applications, gaining valuable skills and confidence in web development. This initiative highlighted the department's commitment to connecting students with industry experts and fostering real-world learning experiences.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TECHNICAL PICK & TALK



The Department of Electronics and Communication Engineering organized a Technical Pick & Talk session on August 27, 2024, led by Dr. S. Dhamodaran, Professor of ECE. The event encouraged students to discuss emerging technologies, promoting spontaneous thinking and effective communication. It reinforced the department's dedication to students' professional and intellectual growth.

VALUE-ADDED COURSE ON IOT AND SMART EMBEDDED SOLUTIONS

Value-ed Course on IoT and Beyond
- Building Smart Embedded Solutions for III ECE students from September 9 to 11, 2024. Faculty members Ms. K. Rama Prabha and Mrs. V. Bharathi, Assistant Professors of ECE, offered hands-on experience with IoT technologies and embedded systems.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SEMINAR ON LINEAR TIME-INVARIANT SYSTEMS



On September 11, 2024, the Department of Electronics and Communication Engineering hosted a seminar titled Systematic Approach: Understanding LTI Systems and Their Applications. Dr. M. Thillai Rani, Associate Professor at Sri Krishna College of Technology Coimbatore., discussed LTI systems' fundamentals, applications, and career opportunities.

WEBINAR ON TRANSMISSION LINES: FUNDAMENTALS AND APPLICATIONS

On September 19, 2024, webinar on Transmission Lines: Fundamentals and Applications was organised. Dr. Venkateshkumar U., Associate Professor at Bannari Amman Institute of Technology, Erode. highlighted transmission lines' role in power distribution, communication systems, and infrastructure.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

INDUSTRIAL TOUR TO CECRI, KARAIKUDI



On September 26, 2024, a group of 57 first-year ECE students, accompanied by faculty members Mr. R. Karthick Assistant Professor of ECE Ms. M. Karthiha Assistant Professor of ECE and lab assistant Mr. Baskar, visited the Central Electrochemical Research Institute (CECRI) in Karaikudi.

Their visit coincided with CECRI's Open Day, providing the students with an excellent opportunity to explore cutting-edge electrochemical research and technology. During the tour, students engaged with projects focused on batteries, fuel cells, and corrosion science, gaining practical insights that enriched their academic learning with real-world applications.

This industrial visit was a valuable addition to the students' educational journey, fostering hands-on learning and deepening their understanding of electrochemical innovations in engineering.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

WEBINAR ON ADVANCED MULTILEVEL INVERTERS FOR IMPROVED POWER QUALITY

On August 23, 2024, the Department of Electrical and Electronics Engineering hosted an online webinar on Advanced Multilevel Inverters for Improved Power Quality.

Dr. D. Shyam, Associate Professor at Rajalakshmi Engineering College, Chennai, was the keynote speaker. He provided an in-depth discussion on key concepts and design principles related to advanced multilevel inverters, shedding light on their role in enhancing power quality.

The webinar saw active participation from approximately 95 students and faculty members, who engaged in insightful discussions following the presentation. This event highlighted the department's commitment to providing valuable learning experiences and deepening understanding of cutting-edge topics in electrical engineering.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

WORKSHOP ON DESIGN OF ELECTRONIC CIRCUITS



The Department of EEE held a 24-hour workshop on Electronic Circuit Design from August 29–30, 2024, for II EEE students. Led by Mr. K. Prasana and Mr. Samy Velayutham, Assistant Professors of EEE explained the components, design techniques, troubleshooting, and practical skills, enhancing students' technical expertise.

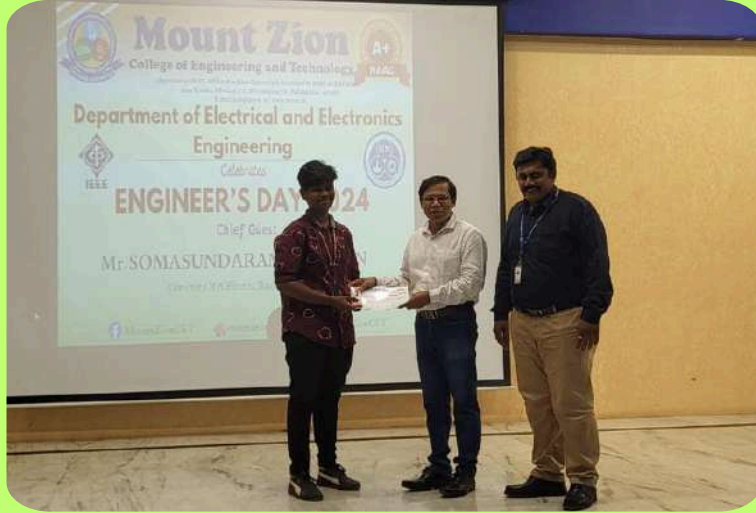
VALUE-ADDED COURSE ON ELECTRICAL ESTIMATION, MAINTENANCE, AND CONTROL OF ELECTRICAL MACHINES

The Department of EEE conducted a Value-Added Course on Electrical Estimation, Maintenance, and Control of Electrical Machines from September 3–5, 2024. Led by Mr. K. Prasana, Assistant Professor of EEE, the course provided hands-on training and theoretical knowledge, preparing students for industry challenges and professional roles.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ENGINEER'S DAY 2024 CELEBRATION



On September 13, 2024, the Department of Electrical and Electronics Engineering celebrated Engineer's Day with events like MATLAB Simulink, E-CAD, Arduino Challenge, Technical Talk, and Circuit Debugging. Students actively participated in these activities, showcasing their skills and creativity while tackling real-world engineering challenges.

TALK ON THE FUTURE OF ELECTRIC VEHICLES

On September 13, 2024, Mr. Somasundaram Natesan, Director at OLA Electric in Bengaluru, delivered a talk titled the Future of Electric Vehicles. He discussed the transformative impact of electric vehicles (EVs) on transportation, sustainability, and technology. He highlighted advancements in battery technology, charging infrastructure, and renewable energy integration.



DEPARTMENT OF MECHANICAL ENGINEERING

WORKSHOP ON EXPLORING NDT TRAINING AND OPPORTUNITIES

The Department of Mechanical Engineering organized a workshop on September 2, 2024, titled Exploring NDT Training and Opportunities. The session, coordinated by Mr. Suresh G, Assistant Professor, featured Mr. Salai Amurtha Katesan, Managing Partner at S R NDT/Trichy & Industrial Inspection Services, as the lead speaker. The workshop provided participants with valuable insights into non-destructive testing (NDT) techniques, a crucial area in quality control and safety in engineering industries. Attendees also learned about various placement opportunities and certification programs, equipping them with the skills to enhance their employability in the field of industrial inspection and testing.



INDUSTRIAL VISIT TO CIPET MADURAI



During the visit, students learned about CIPET's vital role in producing skilled professionals and its significant contributions to plastics engineering, research, and consultancy services. The experience provided valuable exposure to cutting-edge technology and industry practices, enriching students' understanding of academic and entrepreneurial opportunities in the polymer and allied industries.

CELL/CLUB/SOCIETY ACTIVITIES

ITNT HUB'S FIRST ANNIVERSARY CELEBRATED WITH KEY MILESTONES



On July 11, 2024, iTNT Hub celebrated its first anniversary at Leela Palace, Chennai. Hon'ble Minister R. Palanivel Thiaga Rajan highlighted the hub's impact on Tamil Nadu's digital ecosystem. The event featured MoUs with global corporations and institutions, including Mount Zion College, focusing on research, internships, and tech development.

NEW EMPLOYEE ONBOARDING WORKSHOP AT MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY

On July 29, 2024, New Employee Onboarding Workshop was organized by IQAC. Dr. Robinson, Dean/ICT emphasized skill-building for smooth integration, and Mrs. Ramadevi introduced key tools like eCampus and Smart Boards, aiming to align new staff with the institution's vision and goals.



CELL/CLUB/SOCIETY ACTIVITIES

SKILL-BUILDING PROGRAMME FOR NON-TEACHING STAFF



On August 2, 2024, the Staff Development Cell launched a Skill-Building Programme designed to enhance the professional skills of 30 non-teaching staff members from various departments. They learnt the tools required to improve their efficiency and effectiveness in supporting the institution's operations.

FACULTY DEVELOPMENT PROGRAMME ON PERSONNEL EMPOWERMENT

On August 9, 2024, Mount Zion College's Staff Development Cell organized a Faculty Development Programme on Personnel Empowerment. The programme aimed to enhance faculty members' professional and personal skills, reflecting the college's commitment to continuous development and academic staff growth.



CELL/CLUB/SOCIETY ACTIVITIES

POSTER AND LOGO MAKING CONTEST: RESPECT THE NEW, REJECT THE RAGGING



On August 16, 2024, the Anti-Ragging Cell hosted a Poster and Logo Making Contest titled Respect the New, Reject the Ragging to raise awareness about ragging's harmful effects. Dr. Kavitha, Assistant Professor of ECE, oversaw the event, which encouraged creativity and promoted a safe, respectful campus environment.

PLACEMENT TRAINING SESSIONS AND CAMPUS RECRUITMENT DRIVE -YARDSTICK ACADEMY

From August 12 to 14, 2024, Mount Zion College's Training and Placement Cell hosted placement training sessions for second-year (313 students) and third-year (303 students) students, focusing on aptitude and soft skills. Final-year students also participated in a dedicated session from August 12 to 20, 2024, enhancing their recruitment preparation.



CELL/CLUB/SOCIETY ACTIVITIES

PLACEMENT TRAINING SESSIONS AND CAMPUS RECRUITMENT DRIVE -DELPHI-TVS



On September 25, 2024, a campus recruitment drive for final-year Mechanical and EEE students was conducted, featuring HR professionals from Delphi-TVS Technologies. After a written test and interviews, 34 students (21 Mechanical, 13 EEE) were successfully selected, with placement offers extended to all candidates.

ANTI-DRUG PLEDGE

On August 12, 2024, Mount Zion College students participated in an Anti-Drug Pledge ceremony, committing to a drug-free, healthy lifestyle. The pledge will be recited every Monday, reinforcing the importance of positive choices.

This initiative aims to foster a responsible, empowered generation focused on well-being and personal growth.



CELL/CLUB/SOCIETY ACTIVITIES

PARTICIPATION IN GRAM SABHA MEETING AS PART OF UNNAT BHARAT ABHIYAN



On August 15, 2024, Mr. V. Saravanan, Assistant Professor of Computer Science and Engineering, participated in the Gram Sabha meeting at Elanjavur, the adopted village, alongside student members of the Unnat Bharat Abhiyan (UBA) initiative.

This engagement reflects the college's commitment to community development and the empowerment of rural areas through the UBA program. The event provided valuable insights into local governance and contributed to strengthening the bond between the college and the surrounding communities.

CELL/CLUB/SOCIETY ACTIVITIES

GRAM SABHA MEETING AT LEMBALAKUDI AS PART OF UNNAT BHARAT ABHIYAN

On August 15, 2024, Mr. Suresh G, Assistant Professor of Mechanical Engineering, along with UBA student members, attended a Gram Sabha meeting in Lembalakudi, their adopted village, as part of the Unnat Bharat Abhiyan initiative.

The meeting focused on developmental issues and sustainable practices, with discussions centered around local infrastructure improvements. The UBA team proposed initiatives in education, health, and sanitation, which were well-received by the villagers. This engagement not only strengthened the relationship between the college and the local community but also led to the creation of a collaborative action plan for future rural development efforts.



CELL/CLUB/SOCIETY ACTIVITIES

GRAM SABHA MEETINGS AS PART OF UNNAT BHARAT ABHIYAN



On August 15, 2024, Mr. M. Vinothkumar, Assistant Professor of Mechanical, along with UBA student members, attended a Gram Sabha meeting in Arasampatti, their adopted village. The meeting focused on addressing community issues, brainstorming ideas to improve local infrastructure, and discussing the importance of technical education for rural development. The session fostered strong collaboration between the college and villagers, who showed a keen interest in the proposed projects, marking a positive step towards achieving the objectives of the Unnat Bharat Abhiyan.

On the same day, Dr. K. Gurunathan, HOD/IT, and UBA student members participated in a Gram Sabha meeting at Pilivalam, another adopted village. During the meeting, they engaged with the local community on important issues and proposed initiatives aimed at enhancing digital literacy and improving educational access. The villagers responded enthusiastically, expressing their willingness to collaborate on these initiatives, furthering the collective commitment to community development.

CELL/CLUB/SOCIETY ACTIVITIES

EMPOWERING TEACHERS WITH TECHNOLOGY: A STAFF DEVELOPMENT INITIATIVE



The Staff Development Cell organized a series, Empowering Teachers with Technology, from August 28, 2024, aimed at enhancing teaching strategies, leadership, and collaborative learning. Over four weeks, 17 faculty members participated. Week 1, led by Mrs. D. Elavarasi, HoD/CSE, focused on integrating technology into education. She highlighted how digital tools and innovative methods can transform traditional teaching, making learning more interactive and engaging. This session set the foundation for exploring how technology empowers both teachers and students.

CELL/CLUB/SOCIETY ACTIVITIES

ALUMNI MEET AT MALAYSIA



The MZCET Alumni Association hosted a memorable Alumni Meet on September 28, 2024, at Metrostar Hotel, Kuala Lumpur, Malaysia. The event provided a platform for alumni to reconnect, reminisce, and strengthen ties. Mrs. A. Taksala Devapriya, Assistant Professor of ECE Department, warmly welcomed attendees, followed by Mr. D. Thivyaprasath, HOD of EEE Department, who shared updates from MZCET. Alumni exchanged experiences and ideas for community engagement and future collaborations. Fond memories of college life were shared, celebrating past events and achievements. Mrs. D. Elavarasi, HOD of CSE Department concluded the gathering with a heartfelt vote of thanks. The evening ended with a delightful dinner, marking a successful and cherished reunion for all.

Empowering Careers, Shaping Futures Mount Zion Leads The Way!



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