

## VALUE ADDED COURSES ON PROJECT MANAGEMENT USING PRIMAVERA P6

The course commenced with a beautiful prayer song by the college choir. Following this, Mr. H. Hanio Merinclin, Assistant Professor of Civil Engineering, delivered a warm welcome address and highlighted the importance of project management in the Civil engineering field. The session focused on equipping Final Year Civil Engineering students with essential skills in Primavera P6 software. It enabled them to create, manage and effectively update project schedules. Students engaged actively and gained knowledge into project management principles. The course concluded on 08-05-2024 with an assessment and the collection of feedback forms from students. Overall, the course successfully enhanced the students' understanding of project management and provided them with practical skills for their future careers.



## Value added courses on ELECTRIC VEHICLE TECHNOLOGY AND CHARGING INFRASTRUCTURE



The course on electric vehicle technology and charging infrastructure began on April 29, 2024, for the final-year EEE students. The initial session provided a theoretical foundation on the basics of electric vehicles. The event concluded with assessments and the collection of feedback from students on May 8, 2024.



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### COLLEGE VISION

To become a premier institution and centre of professional education with moral ethics in engineering and technology to produce socio-friendly technocrats.

### COLLEGE MISSION

- \* To provide quality skill-based professional education for all deserving candidates belonging to all sectors of society.
- \* To adopt innovative strategies, add-on courses, and establish the state-of-the-art infrastructure for effective teaching learning processes and research activities.
- \* To attract and nurture the excellent and committed faculty members and the technical workforce.
- \* To organize healthy interactions with the stakeholders for the students' overall personality development.
- \* To inculcate the social responsibilities among the prospective engineers.

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## BETH CHRONICLES

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VOLUME 8, ISSUE 2

JANUARY 2024 TO JUNE 2024

## Congratulations

FOR THE ANNA UNIVERSITY RANK HOLDERS



## BLOOD DONATION CAMP

The NSS unit of BioE organized a blood donation camp in collaboration with IIC, supported by medical professionals from Thuckalay Government Hospital. The camp formally began at 10 a.m. Faculty members, staff and students actively participated. Each donor completed necessary paperwork prior to the blood donation. Refreshments were provided to all donors. In total, 150 units of blood were successfully collected during the camp. This event not only raised awareness about the importance of blood donation but also fostered a strong sense of community spirit among the college community. It emphasized the institution's commitment to making a positive impact on society by supporting healthcare initiatives that benefit the broader community.



## INTERNATIONAL WOMEN'S DAY CELEBRATION



The Women's Empowerment Cell organized a vibrant celebration for International Women's Day on March 13, 2024, beginning with a heartfelt prayer song. Ms. Abitha Rose P (AP/IT) welcomed the attendees and introduced the Chief Guest. The Presidential address was delivered by Principal Dr. C. Emmy Prema. The highlight of the program was the talk by Ms. A. Sivapriya Jegan, BSc., MA., MSW., a social activist and CEO of the Justice Palm Foundation. She emphasized the importance of recognizing and honouring women's achievements and contributions across various fields. The event successfully empowered students to strengthen community bonds and encouraged them to pursue leadership roles in both society and academia. The program concluded with a formal vote of thanks by Ms. A. Little Mary from the S&H Department.



## NATIONAL YOUTH DAY CELEBRATION

National Youth Day Celebration was held in seminal hall from 11.00 am to 12.30 pm on 12-01-2024 with the participation of approximately 69 students. The event commenced with a warm welcome address by Ms. K.R. Katelyn (I CSE). Following this, Dr. C. Emmy Prema delivered a felicitation address and highlighted the significance of National Youth Day and its importance to the student community. Ms. A.K. Kowsalya Devi (I CSE) then introduced the Chief Guest, Dr. Jose. His address focused on youth empowerment, leadership and social responsibility. It resonated deeply with the audience and emphasized the crucial role of youth in shaping the future. The session concluded with a heartfelt Vote of Thanks by Ms. S. A. Babisha (I CSE), leaving the attendees inspired to embrace leadership roles and social responsibility.



## SEMINAR ON 3D MODELLING

The IIC (Institution's Innovation Council) organized a seminar on 20-02-2024 from 2:30 p.m. to 4:00 p.m. attended by approximately 50 students. The event commenced with a prayer song, creating a reflective atmosphere. Mr. M. Santhosh, Head of the Department of Mechanical Engineering, delivered the Welcome Address and Principal Dr. C. Emmy Prema the felicitation address. The seminar featured resource persons S. Ahamed Shafeek, CEO of



Z2learn, C. Santhosh Sharuk, CTO of Z2learn and M. Jenishlin Brisho, COO of Z2learn. They engaged the audience by discussing the significance of inclusive education and the importance of promoting learning opportunities for marginalized and underprivileged communities. The session concluded with a Vote of Thanks, leaving attendees inspired to contribute to the advancement of inclusive education in society.



## SEMINAR ON NDT AND QA/QC

NDT is to test materials and components without causing damage or alteration. On the other hand, the primary purpose of QA/QC is to ensure that the entire production process meets quality standards. NDT is typically performed at specific points in the manufacturing or maintenance process. A seminar on NDT and QA/QC was conducted on May 10th, 2024. Mr. A. Ajish, AP/MECH delivered the Welcome Address and Dr. C. Emmy Prema, Principal, delivered the presidential address and suggested students to outline quality standards and product requirements the company is expected to meet. T. Saju, Trainer, WQC Institute and Training Centre LLP, Marthandam discussed the different NDT techniques such as ultrasonic testing, radiography and magnetic particle testing. The participants were motivated by the session to examine materials without damaging them. NDT helps identify defects such as cracks, porosity, inclusions and other inconsistencies that could compromise the performance of a product. Mr. D. Ginu, AP/MECH vote of appreciation brought the program to a close.



## Value added courses on WIRELESS SENSOR NETWORK

The course started on May 21, 2024, at 09:00 a.m. The session focused on WSN design, with participation from third-year EEE students who gained knowledge about Wireless Sensor Networks. The first session was theoretical and covered the basics of WSNs. The event concluded with assessments and the collection of feedback from students on May 27, 2024.



## WORKSHOP ON VISION TO REALITY IN CONSTRUCTION INDUSTRIES

The Department of Civil Engineering conducted a workshop on "Vision to Reality in Construction Industries." The event began with a prayer led by Mr. Anto Vidson, a final-year Civil Engineering student. Mr. E. Pritten Kot, also a final-year Civil Engineering student warmly welcomed the staff, students and the chief guest Er. R. Jereesh, Technical Trainer from CADDESK, Nagercoil. Er. R. Jereesh then commenced the workshop in the computer lab explaining the visual reality tools in detail. He also demonstrated these tools using a VR device, allowing students to visually experience the constructed modular buildings.



## Value added courses on PostgreSQL

A value-added course on PostgreSQL was conducted for final-year CSE students from April 29 to May 8, 2024.

The program started with a prayer song by the department choir and a welcome address by Ms. L. Febin Rani, AP/CSE. Mr. Sivakumar P, Trainer from Sangunie Technology, Nagercoil, served as the resource person. He covered the fundamentals of SQL. The course equipped students with essential skills to query data from a single table, including data selection, result set sorting and row filtering, through a combination of theoretical learning and hands-on practice. The event concluded with assessments and feedback collection on May 8, 2024.



## VALUE ADDED COURSES ON 3D MODELLING IN SKETCH UP



The course started on May 21, 2024, at 09:00 a.m. The session focused on SketchUp, with participation from second and third-year Civil students who gained knowledge about 3D modelling in SketchUp. The first session was theoretical, covering the basics of SketchUp. Subsequently, students practiced creating models on the system. The event concluded with assessments and the collection of feedback from students on May 27, 2024.



## Career Guidance on Enhancing Employability Skill Training

The Placement and Training Cell conducted a career guidance program in association with NSS on February 19, 2024. The session began with a welcome address by Ms. Abina Shiny, AP/S&H. The speaker, Ms. Sugirtha, emphasized the importance of acquiring skills that equip students to compete effectively in the job market. The program concluded with a vote of thanks by Ms. Beta Daniel, AP/Physics.



## CAREER GUIDANCE ON TNPSC EXAMS



A career guidance program on TNPSC exams was held for first-year students on May 3, 2024. Organized by the Placement and Training Cell, the session began with a welcome address by Ms. Vinisha, AP/CSE, followed by a felicitation address from Dr. C. Emmy Prema, Principal. Mr. Abishek from ECC Academy provided an overview of the career opportunities associated with TNPSC exams and discussed potential job roles, career advancement and the long-term benefits of a public service career. The session inspired students to take a proactive approach to exam preparation and career planning. It concluded with a vote of thanks by Ms. Henilin J K, AP/CSE.

## CAREER GUIDANCE ON CIVIL EXAMS

A career guidance program on civil exams was held for second-year students on May 7, 2024. Organized by the Placement and Training Cell, the session began with a welcome address by Ms. Herlin Rose, AP/EEE, followed by a felicitation address by the Principal. Mr. Jerin, the resource person, shared the various civil service examinations and their eligibility criteria. He informed students about the diverse career opportunities available through civil exams, including potential job roles, career growth prospects and the benefits of a public service career. The program concluded with a vote of thanks by Ms. Cinu, AP/EEE.



## FAREWELL



"Every ending is a new beginning." On May 15, 2024, the Department of ECE held a farewell party for twelve graduating final-year students. The event began with a prayer song, followed by heartfelt addresses from the Principal and the Head of the Department. The final-year students shared their cherished college experiences and gifts were presented to both students and faculty members. The day was filled with celebration and emotions, marking a poignant farewell.

## Industrial Visit to Nuclear Power Project, Koodankulam

The visit to the Koodankulam Nuclear Power Project (KKNPP) offered a unique opportunity for students studying hydraulic engineering to delve into the complex hydraulic systems of a nuclear power plant. They gained valuable insights into how hydraulic engineering is integrated into various operations of the plant, especially in the turbine buildings. Through site inspections, discussions with plant personnel and analysis of hydraulic systems and components, students learned how hydraulic principles are applied to tackle operational challenges and enhance performance.



## 16<sup>TH</sup> ANNUAL DAY - BETH FEST



The 16th College Day was celebrated on May 3rd, 2024, drawing around 1,000 attendees, including enthusiastic students, supportive parents and well-wishers from the community. This gathering was a heartfelt occasion to honor the achievements of the academic year, the collective efforts and accomplishments of the college community. The event fostered a spirit of pride and unity, as everyone came together to celebrate the hard work and dedication that marked the year. Shri Sahayam, IAS, graced the occasion as the Chief Guest and delivered an inspiring keynote address that emphasized the importance of education in shaping future leaders. His words resonated with the audience and motivated students to pursue their dreams with determination and integrity. The program included various cultural performances that reflected the diverse skills and creativity nurtured within the college.





## WORKSHOP ON INDUSTRIAL AUTOMATION

A one-day workshop was organized by the Department of EEE on 18-03-2023 from 10:00 a.m. to 12:40 p.m. The chief guest, Ms. Monisa M.R presented on "Industrial Automation" and covered various aspects of SCADA and PLC systems. Around 24 students and 5 faculty members participated in the program.



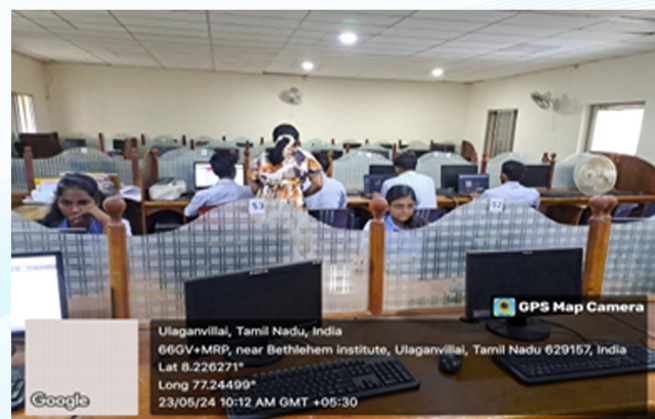
## WORKSHOP ON ENTREPRENEURSHIP SKILL, ATTITUDE AND BEHAVIOUR DEVELOPMENT

The department of Information Technology in collaboration with IIC conducted a career counselling program on 'Entrepreneurship skill, Attitude and Behaviour Development' on 20-02-2024. The program started with the welcome address by Ms. Ruby Bency, III-year student followed by the felicitation address by Dr. C. Emmy Prema, Principal. The chief guest of this program is Mr. Rabin Delver who was a Project Control and Management Professional with 17-years track record in the petrochemical, oil and gas industries, currently serving as the Managing Director for BDM Technology Nagercoil. He motivated the students with the expertise needed to thrive in the dynamic field of technology and Big Data Management. Finally, the program concluded with the formal vote of thanks by Ms. D. V. Viji, AP/IT.



## Add-on Program on UI/UX DESIGNING

Value added course on UI/UX DESIGNING was conducted for the III-year IT students from 21.05.2024 to 29.05.2024. The resource person was Ms. S.P. Aswini, UI/UX Designer, Feathers Software. She provided insights into emerging trends and developments in the UI/UX DESIGNING, such as upcoming features in new releases, community initiatives, and industry adoption pattern. Students learnt how to apply these skills in practical projects, preparing them for careers in UI/UX design, product design and related fields. Finally, the event was concluded by conducting assessment and collecting feedback form from students on 29.05.2024. Based on the assessment results, certificates were awarded to the participants, recognizing their successful completion of the Value Added Course on UI/UX DESIGNING.



## WORKSHOP ON MOBILE APPLICATION DEVELOPMENT

A one-day workshop on "Mobile Application Development" was organized by the IT Department at Computer Lab-IV on February 16, 2024. The event began with Ms. Jonisha from the III/IT Department welcoming the guest speakers and introducing the program. The presidential address was delivered by Ms. Jegana, Head of the IT Department. The technical talk was given by Mr. Sajeewan Harries (Chief Operating Officer), Mr. Vijin Kumar (Project Manager) and Mr. Sujin Kumar (Team Leader) from Foxtan Research Tech. They discussed various aspects of mobile application development and covered topics such as team organization, planning and preparation strategies, ideologies and presentation techniques. The speakers also introduced attendees to Flutter application technology and emphasized its significance in modern app development. The workshop concluded successfully with a formal vote of thanks from Mrs. S. Akhila Judit Nisha, Assistant Professor in the IT Department.



## Career Counseling on Current Trends and Scope of IT

A career counseling session on "Current Trends and Scope of IT" was held for final-year students on March 25, 2024. The event, organized by the Placement and Training Cell, began with a Welcome Address by Ms. Caroline Blessy, Placement Coordinator, followed by a Felicitation Address by the Principal. Mr. Sabarinathan from Wenoxo Technologies Private Limited discussed the latest IT trends and their relevance to engineering students' career development. The session concluded with a Vote of Thanks from Ms. Monisha, AP/Civil.



## WORKSHOP ON PROCESS DESIGN AND DEVELOPMENT

A workshop on "Process Design and Development" was organized by the IT Department on May 15, 2024. The event began with Ms. C. Emisha from II/IT welcoming the guest speakers and introducing the program to all attendees. The presidential address was delivered by Ms. Jegana, Head of the IT Department, who emphasized the importance of process design in technology development. The technical talk was presented by Mr. Ajay Bharadwaj V. J, a Senior Android Developer at AK Info Tech. He explained Android mobile application development and presentation procedures. The workshop concluded successfully with a formal vote of thanks delivered by Pavithran from II/IT.





## 16<sup>TH</sup> ANNUAL SPORTS MEET



The 16th Annual Athletic Meet, VIGOR 2K24, was held on May 2, 2024. The event was a vibrant celebration of athleticism and teamwork. The day began with an energetic opening ceremony that set the tone for the festivities. Participants marched proudly in their respective teams, with their banners and colours that represented their departments. The atmosphere was charged with excitement as students and faculty, gathered to cheer on the athletes. Throughout the meet, a wide range of events took place, including track and field competitions, relays and team sports. The meet concluded with an Award ceremony, recognizing outstanding performances and sportsmanship.



## WORKSHOP ON DESKTOP APPLICATION USING PYTHON

A workshop on "Desktop Application Using Python" was conducted on February 2, 2024. The event commenced with Mr. Jerin Abishek, a fourth-year student, delivering the welcome address. The Principal delivered the felicitation address, and encouraged students to fully engage with the workshop and seize the opportunity to enhance their skills in desktop application development. The session was led by Ms. H.R. Ashika Thaheen, a Network Specialist at IT Desk, who provided an in-depth discussion on desktop applications using Python. The workshop concluded with the vote of thanks by Mr. Raghu, a fourth-year student representative.



## Seminar on Built Chat GPT Application using Python



A seminar on "Building Chat GPT Applications Using Python" organized by the Department of Computer Science and Engineering was held on 17-04-2024. Safa from III CSE welcomed the chief guest and the participants. The lecture was presented by Mr. K. Anupriyan, Technical Head at Livewire Corporate, Chennai. Mr. Anupriyan spoke about the top trending technologies in the IT field and the need for Artificial Intelligence (AI), Machine Learning (ML), Neural Networks (NN), Deep Learning (DL) and Speech Recognition techniques. He also explained the concepts of Chat GPT and how it can be utilized with Python. The program successfully concluded with a formal vote of thanks by Athira S. from III CSE.

## Workshop of Mobile Application Development using Python

The workshop on mobile app development, organized by the Department of Computer Science and Engineering, took place on February 21, 2024. Mr. Sajeewan Harris (COO), Vijin Kumar (Project Manager) and Sujin Kumar (Team Leader) from Foxton's Elite Talent Workshop in Trivandrum, served as Resource persons. They discussed how using Flutter allows for the efficient creation of high-quality, cross-platform applications. By utilizing Flutter's single codebase for various platforms, developers can significantly reduce development time and costs while ensuring a consistent user experience across Android, iOS and potentially other platforms such as web and desktop. The program concluded successfully with a formal vote of thanks from Safa, a student from the 3rd CSE.



## Guest Lecture on UI/UX design & Essential Tools



A guest lecture on "Introduction to UI/UX Design and Essential Tools" was held on March 21, 2024 at 10:00 a.m. Mrs. G. Marly the Head of the CSE department delivered the welcome address, while the Principal, Dr. C. Emmy Prema gave the presidential address. The lecture was conducted by Blessing Benith J, a Business Analyst at RexKnar Creative Solutions, Nagercoil. The speaker briefly discussed UI/UX design and emphasized the importance of project management and communication. The lecture was engaging and provided an opportunity for participants to discuss UI/UX design and essential tools. The program concluded successfully with a formal vote of thanks by Swathi P.M a third-year CSE student.

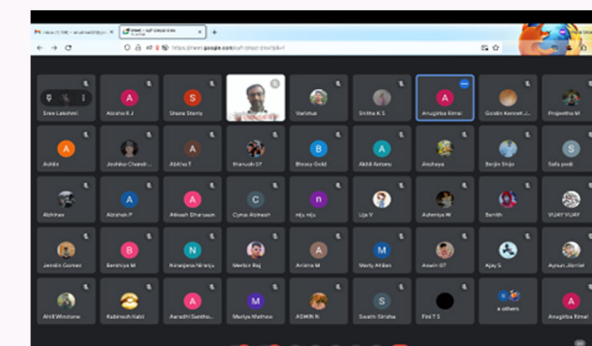
## FIELD TRIP TO KELTRON



The Electronics and Communication Engineering department organized a one-day field trip to KELTRON on March 26, 2024. Students gained valuable exposure to various engineering processes, including planning, fabrication, plating, transformer assembly, tool room operations, equipment assembly, testing and quality assurance.

## Webinar on "How to plan for start-up and legal & Ethical Steps"

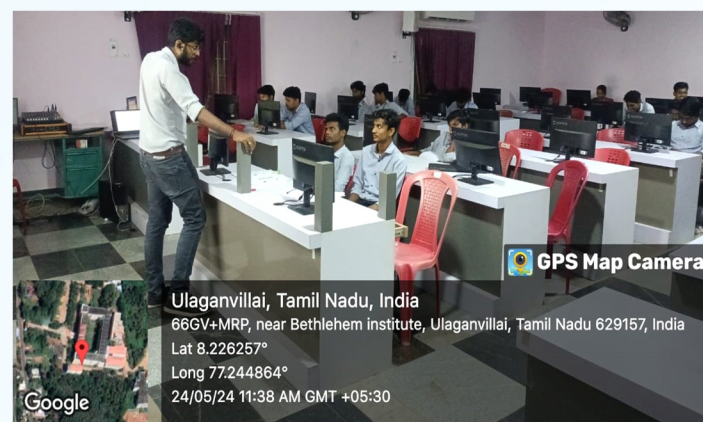
In the constantly changing world of entrepreneurship, understanding the legal and ethical aspects of starting a business is essential for aspiring entrepreneurs. To address this, the department of CSE in collaboration with IIC organized a webinar titled "How to Plan for Start-up and Legal & Ethical Steps" on May 11, 2024, at 10:00 a.m. The event began with a Welcome Address delivered by Ms. Sreelakshmi K P, a student from III CSE. Mrs. K. Anugirba, AP/CSE, then introduced the Resource Person for the session. Mr. J. Jenin, the guest speaker, provided valuable insights into the legal frameworks and regulations relevant to starting and operating a business. The program effectively equipped students with the knowledge and tools needed to launch and manage start-up ventures responsibly and successfully. The webinar concluded with a Vote of Appreciation delivered by Ms. Swathi P.M, a student from III CSE, bringing the event to a thoughtful and appreciative close.





## Value Added Courses on INDUSTRIAL AUTOMATION

The course was inaugurated on 21-05-2024 at 09.00 a.m. with a prayer song by the college choir followed by welcome address delivered by our student Mr.J. Gershom Thomas. The session was about the "INDUSTRIAL AUTOMATION" Programming software. The third year Mechanical & Automobile students participated in this course and gained knowledge about RS Logix 500 software in both theoretically and practically. Finally, the event was concluded by conducting assessment and collecting feedback form from students on 30.05.2024.



## AWARENESS ON NIRAL THIRUVIZHA STUDENTS HACKATHON

The Entrepreneurship Development and Innovation Institute (EDII) held a session on the Niral Thiruvizha Students Hackathon at the BIOE campus to encourage an innovation mind-set among students. EDC Coordinator Mr. C.M. Edwin Thurai opened the event with a welcome address and introduced the guests. Mr. R. Rajesh, District Coordinator of Niral Thiruvizha, led a session focused on fostering an innovative mind-set in students and explained how it can enhance skills across various sectors while detailing problem statements from both industry and government. Mr. C. Arul Jerman, AP/ECE, concluded the event with a Vote of thanks.



## PLACEMENT DRIVE



A placement drive was conducted on February 23, 2024, for final-year students in the Mechanical and Civil departments, organized by Topside Engineering, Vellikodu. Mr. Prem Kumar, Placement Officer, opened the event with a welcome address and introduced the chief guest. From among the participants, three students were successfully selected: Paul Ruban, Joshua and Anto Vidson.

## VALUE ADDED COURSES ON INTERACTION DESIGN AND PROTOTYPING



A Value-Added Course on "Interaction Design and Prototyping" was conducted for third-year CSE students from May 21 to May 29, 2024. The course began on May 21 at 9:00 a.m. with a prayer song performed by the department choir, followed by a welcome address from Ms. J. K. Henilin, AP/CSE. Resource person Ms. S. Franisha, SME, provided an overview that emphasized the ultimate goal of UX design and highlighted the importance of creating a relevant, efficient and intuitive user experience. The event wrapped up with assessments and feedback collection on May 29, 2024.

## Employability Skills Training

An employability skills training session was conducted for all final year students from February 12th, 2024 to February 14th, 2024 by the Placement and Training Cell. The program commenced with a welcome address by Mr. PremKumar, AP/AUTO, followed by a felicitation address by Dr. Emmy Prema, Principal. Mr. M.A. Wilson and Mr. L. Jeevanandham from Naandi Foundation conducted the training sessions for all final year students of our college. Students found the sessions beneficial for their career prospects post-graduation.



## PLACEMENT DRIVE



A Placement drive was conducted on February 21st and 22nd 2024, for all final year students. Mr. Arun Nixon, the Program coordinator delivered the welcome address and introduced the chief guest. Various companies including Yamaha, Foxconn, Mitsuba, Ucal, Borgwarner, Sahean and Zepto participated with a total of 109 students attending the drive. Out of these, 66 students were selected and provided with offer letters.

## Workshop on Design Thinking, Critical thinking and Innovation Design

The Institution Innovation Council organized a workshop on Design Thinking, Critical Thinking and Innovation Design from February 5 to 7, 2024. This engaging program aimed to enhance students' creative and analytical skills essential for innovation in various fields. The program commenced on February 5th with a prayer song. Ms. Nithya Joy C. A, the IIC Student Coordinator, delivered the welcome address. The presence of Dr. N.C.J. Packia Lekshmi, the chief guest, added prestige to the occasion, and her insightful remarks inspired students to think critically and embrace innovative approaches in their academic and professional pursuits. On the second day, Ms. J. Sophia Jone, AP/ECE, delivered a thought-provoking presentation on Design Thinking and Critical Thinking. The third day featured Mr. C. M. Edwin Thurai, AP/ECE, who focused on Innovation Design. His talk emphasized the importance of integrating innovative practices into design processes. He provided practical examples and case studies that demonstrated how innovative design can lead to impactful solutions in real-world scenarios. The workshop concluded with a formal vote of thanks delivered by Mr. M. Paul Ruban, a final-year Civil Engineering student.



## FIELD TRIP to ISRO



The ECE department organized a one-day field trip to ISRO on February 21, 2024, with 80 students and nine faculty coordinators. This visit provided an opportunity to explore innovative ideas regarding the components, operation and launch of satellites. It significantly enhanced their knowledge of space research. At ISRO, students visited the space exhibition centre, where they witnessed a rocket launch demonstration at 11:40 a.m. Following this, they explored the ISRO museum, which featured models of notable satellites, including the first Indian satellite, Aryabhata, as well as APPLE and the INSAT series. The students learned about the two main types of satellites: Indian Remote Sensing (IRS) satellites and communication satellites.



## VEGETABLE CARVING

Vegetable carving event took place on February 8th, 2024, drawing a vibrant group of participants, eager to showcase their creativity and skills. As the event unfolded, students demonstrated remarkable talent, meticulously crafting intricate designs and imaginative sculptures.



## MUSICAL INSTRUMENTAL

The Musical instrumental competition took place on March 5th, 2024. The event was a tremendous success, with enthusiastic participation and the display of remarkable talent by the students.



## FACE PAINTING

The Face Painting competition held on February 23rd, 2024, was a remarkable success. Students turned out in enthusiastic numbers, eager to express themselves through art on the canvas of the human face.



## CLAY MODELING

The clay modelling competition held on May 17th, 2024, was a vibrant showcase of creativity and artistry, marked by enthusiastic participation from students across various departments. Students brought a diverse array of ideas to life, crafting everything from intricate sculptures to imaginative abstract pieces. The variety of themes represented highlighted the individual styles and talents of each participant.



## CHESS TOURNAMENT

The chess tournament held on April 2, 2024, was a tremendous success. As the tournament commenced, participants engaged in intense matches, displaying their analytical thinking and problem-solving abilities.



## VOLLEY BALL

The Men's Volleyball event was held on April 19, 2024. Each team brought their unique strengths to the court and spectators filled the side-lines, cheering loudly for their peers and creating an encouraging



## ESSAY WRITING



The Essay Writing (English) competition was held on May 31st, 2024. The event drew a large number of entrants, all eager to express their thoughts and ideas on a variety of topics. The event provided a platform for young writers to explore their voice and refine their skills and encouraged a love for literature and critical thinking.

## SOLO DANCE

The event, Solo Dance Competition, was held on March 20th, 2024. The students participated enthusiastically and exhibited their talents and contributed to the grand success of the event.



## SOLO DANCE

The Solo Dance (Women's) competition held on June 12, 2024, was a spectacular success. As the competition began, the stage came alive with vibrant energy. Each participant brought their unique style and flair to the performances. The dedication and passion exhibited by the dancers captivated the audience.

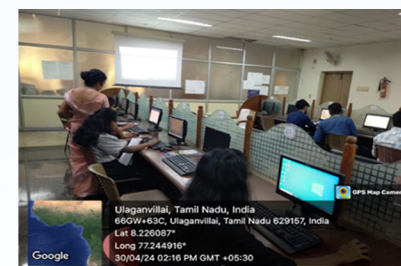


## INDUSTRIAL VISIT TO RESEARCHER LYCEUM PVT LTD

The Department of ECE organized an industrial visit for third-year students to Researcher Lyceum Pvt Ltd on March 15, 2024. The visit focused on discussions around artificial intelligence (AI) and machine learning (ML) in a modern and collaborative environment. The company's professionals shared their expertise through case studies and real-world applications in healthcare, finance and autonomous systems and explained the transformative potential of AI technologies. This experience provided knowledge into the advancements in AI and ML.



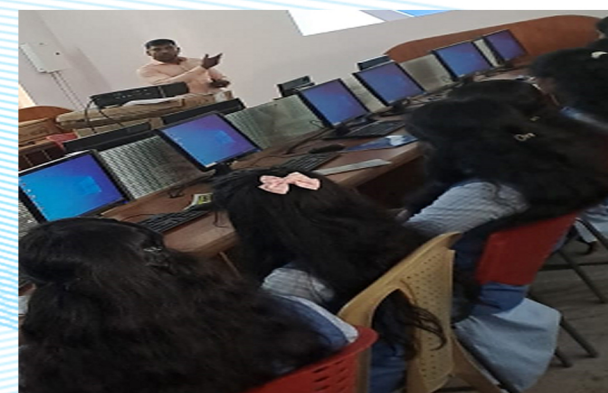
## VALUE ADDED COURSE - AI AND ML USING PYTHON



A value-added course on "AI and ML Using Python" was held for final-year ECE students from April 29 to May 8, 2024. The course began with a prayer song and a welcome address by Ms. Sindhu K., Assistant Professor in ECE. Resource persons Ms. G. Marly and Ms. J.K. Henilin covered essential topics in Artificial Intelligence and guided students in Machine Learning concepts and project development using Python. The event concluded on May 8 with assessments, feedback collection and the awarding of certificates.

## Value added courses on Block Chain Technology

A value-added course on Block Chain Technology was conducted for final-year IT students from April 29, 2024 to May 8, 2024. The course began with a prayer led by the department choir on April 29, 2024 at 9:00 a.m., followed by a welcoming speech by Ms. S. Akhila Judit Nisha, AP/IT. The resource person, T. Makesh, Designer at Softmind Tech Service Pvt. Ltd., shared the emerging trends and applications of block chain technology across various industries. The course equipped students with technical skills to prevent unauthorized transactions and ensure consistency in shared data. The event concluded on May 8, 2024, with an assessment and collection of student feedback.



## VALUE ADDED COURSE: ARDUINO & ITS APPLICATIONS

A value-added course on "Arduino & Its Applications" was conducted for third-year ECE students from May 21 to May 28, 2024. The course aimed to enhance students' understanding of IoT concepts and provide practical skills for project development using Arduino. The course began on Day 1 with an introduction to Arduino basics, Day 2 focused on working with sensors and actuators, Day 3 explored advanced Arduino features, Day 4 introduced IoT concepts, Day 5 emphasized IoT management, data visualization and building a remote monitoring system and finally, Day 6 included an assessment followed by discussions on IoT security and a project on a smart IoT system. The event concluded with the collection of feedback from participants and the presentation of certificates awarded based on their assessment results.





## WORKSHOP ON BUSINESS MODEL CANVAS

The Institution Innovation Council hosted a workshop on the Business Model Canvas for ECE students on April 8th, 2024. The event started with a warm welcome from Mr. S. Brightlin Jeffy, a third-year ECE student. Following the introduction, Ms. J. Sophia Jone, the Convenor of the IIC, took the stage to outline the council's mission and its various initiatives. Her overview highlighted the importance of understanding business frameworks in today's competitive landscape. Dr. Sujin Jose Arul, captivated the audience with the fundamentals of starting and managing a business. His engaging style and real-world examples resonated well with the students and provided them with valuable knowledge to navigate their entrepreneurial journeys. As the workshop came to a close, Mr. B. Delin, a fourth-year ECE student, delivered a heartfelt Vote of Thanks,



## INTERNATIONAL CONFERENCE ON INNOVATION IN ENGINEERING AND TECHNOLOGY

The International Conference on Innovations in Engineering & Technology (ICIET-2K24) convened scholars, researchers and industry professionals to discuss advancements in engineering and technology. The conference began with a prayer song by the Department Choir, followed by a welcome address from Dr. Praylin Selva Blessy, HoD/ECE. Inspiring speeches on research and development were delivered by the Director and Principal. Mrs. J. Sophia Jone introduced the Chief Guest, Dr. A. Haiter Lenin from Kombolcha Institute of Technology, who emphasized the importance of international collaboration and shared insights into global engineering trends. Dr. Lenin was honored for his contributions and the conference proceedings were released. A total of 52 papers were presented during the conference, with 30 submissions delivered online and 22 presented offline. The valedictory function began with the welcome address by Ms. D. Aksha Sherin, a IV-year ECE student, followed by a speech from Dr. C. Emmy Prema on the conference's achievements. Certificates were awarded and feedback was collected from delegates. Ms. R. V. Roja, a III-year ECE student, delivered the vote of thanks and the event concluded with the National Anthem.



## SEMINAR ON ADVANCED WIRELESS COMMUNICATION



A seminar on Advanced Wireless Communication was held on March 27, 2024. Ms. J. S. Jersha, a II year ECE student, welcomed the attendees, followed by a Presidential address from Dr. C. Emmy Prema, the Principal. Ms. J. Benisha from III ECE introduced the chief guest, Ms. N. Beaula, AP/ECE at Arunachala College of Engineering for Women. The resource person discussed advanced wireless communication systems and highlighted the key features and innovations of 5G technology. The session concluded with a vote of thanks by Mr. Brightlin Jeffy, a III year ECE student.

### Journal Published



**X. ROSHAN XAVIER**

Experimental Investigation on the Mechanical and wear behavior of epoxy/ Indian Almond/peepal hybrid composites

ISSN NUMBER : 2195-8602

JOURNAL NAME  
De Gruyter



**A. MARY JEYA SHINIHA**

Wavelet Extreme learning Machine Classifier Based an Intrusion Detection System for RPL Based IoT Networks

E-ISSN NUMBER :2348-1269

JOURNAL NAME  
IJRAR



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JOURNAL NAME  
Medical& Biological Engg&Computing



**S. BELFIN RAJ**

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ISSN NUMBER : 100042

JOURNAL NAME  
ELSEVIER

A GIS-based Analytical Hierarchy Process was Employed to Conduct an Assessment of Potential Groundwater Zones in the Kuzhithuraiyar Sub Basin

ISSN NUMBER : 0976 - 0997

JOURNAL NAME  
Indian Journal of Natural Sciences

## VALUE ADDED COURSE : ARDUINO & ITS APPLICATIONS

A value-added course on "Arduino & Its Applications" was conducted for third-year ECE students from May 21 to May 28, 2024. The course aimed to enhance students' understanding of IoT concepts and provide practical skills for project development using Arduino. The course began on Day 1 with an introduction to Arduino basics, Day 2 focused on working with sensors and actuators, Day 3 explored advanced Arduino features, Day 4 introduced IoT concepts, Day 5 emphasized IoT management, data visualization and building a remote monitoring system and finally, Day 6 included an assessment followed by discussions on IoT security and a project on a smart IoT system. The event concluded with the collection of feedback from participants and the presentation of certificates awarded based on their assessment results.



## WORKSHOP ON EMBEDDED SYSTEM ARCHITECTURE AND ARM PROCESS



A workshop on "Embedded System Architecture and ARM Process" was held on April 17, 2024. The event began with a welcome address by Ms. T. K. Anushka, a III year ECE student, followed by the Presidential address from Dr. C. Emmy Prema, the Principal. Ms. B. Ashni, also from III ECE, introduced the chief guest, Mr. A. Jayakumar, Sr. Technical Engineer at Livewire Corporate, Chennai. The resource person discussed the fundamentals of embedded systems and covered their architecture and applications. Participants then took part in a hands-on practical session, where they programmed the ARM processor. This interactive component allowed students to gain valuable experience in working with ARM technology. The workshop concluded with a vote of thanks by Ms. S. Kisholin, a IV year ECE student.