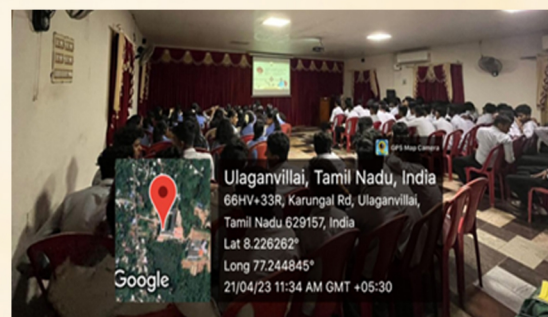


# Webinar on World Creativity and Innovation Day

On the occasion of World Creative and Innovation Day 2023, the students participated in a webinar organized by the Department of MSME, Entrepreneurship Development and Innovation Institute, Tamil Nadu. The program started with a welcome address by Mr. R. Muthuraman, Additional Director, EDII-TN followed by an inaugural address by Dr. J U Chandrakala IAS, Director-EDII-TN. The webinar was organized to commemorate and celebrate the importance of creativity and innovation in addressing global challenges and driving sustainable development. The Mission Director & CEO of TANSIM, Mr. Sivarajah Ramanathan delivered a unique speech on the role of creativity in problem-solving and decision-making. The experts empowered the participants to unleash their creative potential to transform lives, shape futures and build a better world for all. The program concluded with the vote of thanks by Mrs. K. Pechiammal, Deputy Director, EDII-TN.



## SEMINAR ON DATA SCIENCE APPLICATIONS IN PYTHON



The Department of Electronics and Communication Engineering organized a seminar on "Data Science Applications in Python" on April 18, 2023. The seminar focused on exploring innovative ideas related to the applications of data science using Python. The participants, consisting of third- and fourth-year students from the ECE department found the program highly beneficial.

### EDITORIAL TEAM

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**Dr. C. Emmy Prema**

PRINCIPAL

#### ASSOCIATE EDITORS

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Assoc. Prof./HOD/Dept. of ECE

**Mr. M. Saravanan**

HoD/Dept. of S & H

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Asst. Prof./Dept. of ECE

#### STUDENT EDITORS

**Mr. Jerish Jonath J**

IV MECH

**Mr. Libinson R**

IV MECH

### 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.

### Bethlahem Institute of Engineering

Nadutheri, Karungal, Kanyakumari District,

Tamilnadu - 629157, India.

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# BETH CHRONICLES

THE OFFICIAL NEWSLETTER OF BETHLAHEM INSTITUTE OF ENGINEERING

VOLUME 7, ISSUE 2

JANUARY 2023 TO JUNE 2023

## WOMEN'S DAY

Women's Empowerment Cell hosted a one-day Women's Day program on the "POSH Awareness Program" on March 8, 2023, in the auditorium. Dr. Inba Rose Selvin (M.A., M.PHIL., PH.D.), Rtd. Professor & Head, Department of Tamil, Women's Christian College Nagercoil presided over the POSH awareness talk. She described that to achieve justice and equality we have to overcome numerous obstacles that still stand in the way of women's empowerment like violence, economic inequality, discrimination based on gender and limited access to education. She stated that the POSH Act 2013 is the first step towards guaranteeing Indian women to work in a setting that is both respectful and safe. She motivated the students to take a pledge to dismantle the structural barriers that hold women back to challenge the stereotypes and prejudices that limit their opportunities and to create a world where every woman and girl can thrive free from fear, discrimination and oppression. The official note of gratitude was presented by Ms. A. Little Mary, AP/S&H.



## FACULTY DEVELOPMENT PROGRAM



The ICT Academy organized a week-long Faculty Development program for staff members from all departments. The program took place from June 12th, 2023 to June 16th, 2023. The chief guests and technical trainers for the training and development sessions were Ms. Valli, Ms. Punitha and Ms. Rekha. The program focused on Microsoft Power BI Data Analyst Associate, a platform for self-service and business intelligence. It enabled visualization of data and integration of visuals into daily-used apps with Power BI. The program was certified and hands-on training was provided to the participants.

## Blood Donation Camp Organized by NSS

A blood donation camp was organized by the NSS club on April 11, 2023 from 10:00 a.m. to 4:00 p.m. The camp was inaugurated by Director Er. T. Isan and both our institution's employees and students participated. 50 students from various departments donated blood. Finally, the donors received refreshments as well. It is hoped that this camp will raise awareness of blood donation among the younger generation. By participating in this camp, donors and volunteers become ambassadors for blood donation spreading the message to friends, family and colleagues.



## CHESS



The chess tournament at Bethlahem Institute of Engineering occurred at 2:00 p.m. on May 12, 2023. Students actively demonstrated their skills, playing a significant role in the event's overall success



Bethlahem Institute of Engineering hosted a carrom tournament on April 28, 2023, at 2:30 p.m. The tournament was well-received and showcased the skill and enthusiasm of the participants.



## CARROM

## THROW BALL



The Women's Throw Ball event was held at Bethlahem Institute of Engineering on April 11, 2023. Students participated enthusiastically, demonstrating their talents and contributing to the event's resounding success.



The Men's Kabaddi event held at Bethlahem Institute of Engineering on March 24th, 2023 was a showcase of talent and teamwork. Students participated enthusiastically demonstrating their skills and making the event a success. The event fostered camaraderie and sportsmanship leaving a lasting impact on all involved.



## KABADDI

## FOOT BALL



The Men's Football event was conducted at Bethlahem Institute of Engineering on March 3rd, 2023. The students actively participated and demonstrated their talents, contributing to the grand success of the event.

## BADMINTON



The Women's Ball Badminton event held at Bethlahem Institute of Engineering on February 10, 2023, at 2:00 p.m. was a remarkable display of athleticism and skill. Students eagerly participated demonstrating their prowess and dedication to the sport thereby contributing to the event's resounding success.



## VOLLEY BALL

## SEMINAR ON INTERNATIONAL MOTHER LANGUAGE DAY



In honor of International Mother Language Day, the Placement and Training Cell at Bethlehem Institute of Engineering, Karungal hosted a seminar on February 2, 2023. The Principal Dr. C. Emmy Prema delivered the presidential address. Ms. Austin Sweetie, the resource person (Assistant Professor of English), discussed linguistic rights and the role of mother languages in identity formation. The session offered valuable insights and perspectives on language-related issues. By commemorating mother tongues and endorsing multilingualism, students reiterated their dedication to safeguarding and advancing global language heritage. Ashlin Derino R, a final-year CSE student, delivered the formal vote of thanks.



## WORKSHOP ON AWARENESS ON INNOVATION AND ENTREPRENEURSHIP

Startup TN Tirunelveli Region organized an "Entrepreneurship Opportunities" workshop on 22.05.2023. During the session, experts provided guidance to the students on innovation and design thinking for successful entrepreneurship. Mr. Gigin Durai spoke about the benefits of early entrepreneurship and starting companies on campus. Mr. Vibith.S emphasized the importance of patents and innovative thinking. Dr. Dhiliphan Kumar conducted a session on design thinking. The students showed keen interest in exploring entrepreneurship as a career and requested further information.



## Blood Donation Camp Organized by RRC



A Blood Donation Camp was organized by RRC in collaboration with the Government Medical College, Asaripallam on 12-05-2023 to address the ongoing need for blood donations and raise awareness about the importance of voluntary blood donation. The Director Er. T. Isan inaugurated the Camp. Both staff and students took part in the camp. 50 students eagerly came forward for donating their blood and they underwent a screening process to assess their eligibility for donation based on criteria such as age, weight and medical history. Donors received post-donation care, including refreshments and rest to ensure their well-being after donating blood. The camp helped to guarantee a secure and sufficient supply of blood for patients in need by encouraging community involvement and a culture of compassion.



## WORKSHOP ON Design now workshop Fusion 360

A workshop titled 'Design Now Workshop Fusion 360' was held on 08-02-2023. Students from both the Automobile and Mechanical Engineering disciplines actively participated in the workshop. Mr. R. Monikandakumar, Assistant Professor of Automobile Engineering warmly welcomed the gathering with an opening address. Following this, Mr.V.Jegan, Assistant Professor of Mechanical Engineering introduced the resource person. The resource person Mr. Althaf from Kashmir, India, a Trainer at ICT Academy, emphasized the importance of designing. Students found the event highly valuable appreciating the speaker's adept handling of the subject matter. The workshop concluded with a formal Vote of thanks delivered by Sajin.S, IV Auto.



## INDUSTRIAL VISIT AT



The Department of Information Technology organized an industrial visit to UST Global on May 4, 2023, for second, third and fourth-year students. A total of 53 students were accompanied by six professors, with the event coordinated by Mrs. P. Abitha Rose, AP/IT. UST Global, a leading provider of end-to-end IT services and solutions for Global 1000 companies, was the focus of the visit. Students learned that working at an IT company like UST not only provides professional growth but also fosters social and moral development. The interactive session was highly informative, giving students a better understanding of the work culture in the IT industry.



## SEMINAR ON IMPORTANCE OF CYBER SECURITY

A Seminar on "Importance of Cyber Security" was held on 03-04-2023. Mrs. Shime J (AP/CSE) delivered the welcome address. The lecture was given by Ms. Dhanu, CAD Point, Marthandam. The speaker focused on the importance of Cyber security in post pandemic world. She also shared a range of areas and activities from device and data protection to the effective monitoring and reporting of risks and threats. Anupriya R, third year CSE student proposed the vote of thanks.



## Technical Talk on Soft Computing Techniques



The Department of Electrical and Electronics Engineering organized a one-day seminar from 2:00 pm to 3:30 pm on April 24, 2023. The main purpose of the seminar was to create awareness about the growing demand for Soft Computing Techniques in the rapidly advancing technological world. The seminar was conducted by Dr. Kayalvizhi, M.E, Ph.D, HoD/EEE from St. Xavier's Catholic College of Engineering, Chunkankadai. During the seminar Dr. Kayalvizhi shared interesting and useful technical content related to the topic. The seminar was attended by 35 students and 6 faculty members.

The seminar provided an opportunity for students to gain a better understanding of Soft Computing Techniques and their applications. They also learned how to implement these techniques in their final semester projects. Additionally, they were introduced to the various disciplines where these techniques can be applied. Overall, the seminar was informative and useful for both students and faculty members who attended.

## Guest Lecture on LTE, VOLTE



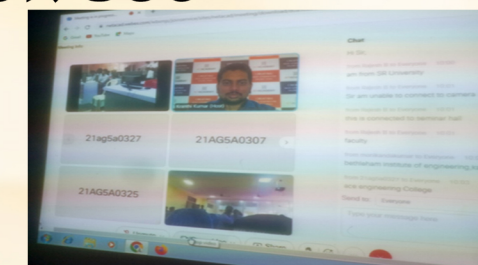
A Guest Lecture on "LTE, VOLTE" organized by the Department of Computer Science and Engineering was held on 20-02-2023. Ms. Anugirba (AP/CSE) extended the welcome address. The resource person Ms. R. Jenitha, CloudQ IT Solutions Pvt Ltd, Trivandrum gave an interesting talk on wireless transmission which paved the students to gain more knowledge about the topic. Ashlin Jeya, IV CSE proposed the vote of thanks.

## SAE AWARENESS PROGRAM

The Department of Mechanical Engineering held an SAE Awareness Program on April 28, 2023. The event began with a welcome address from the Head of the Department, Mr. S. Siga Selvin, M.E. A Mechanical Engineering student, P. Akash, introduced the chief guest, Mr. S. Shanmugam, IAS, Founder Director of Design Desk (India) Pvt Ltd, Chennai. During the program, Mr. Shanmugam enlightened the attendees on the importance of self-driving cars. He explained in detail how they work, detect traffic signals and sense signals using video and PowerPoint presentations. He also demonstrated how they sense objects that cross the road and control the car accordingly. Additionally, he explained the implementation of self-driving cars in India. The event was also attended by Dr. M. Valluvan and Mr. D. Ginu AP/Mech, the Program Coordinator thanked everyone for their participation



## DESIGN NOW WORKSHOP FUSION 360



The 'Design Now Workshop Fusion 360' took place on February 24, 2023 with an active participation from students of both Automobile and Mechanical Engineering. Mr. R. Monikandakumar, Assistant Professor of Automobile Engineering warmly greeted the gathering with an opening speech. Following this Mr.V.Jegan, Assistant Professor of Mechanical Engineering introduced the resource person, Mr. Kranthi Kumar, a Trainer from ICT Academy who stressed the importance of design. Students found the workshop highly beneficial praising the speaker's skilled presentation of the subject matter. The event concluded with a formal Vote of thanks by Tamilarasu M, IV Auto.



# TECHNICAL SYMPOSIUM TEKZO'23

The Department of Computer Science and Engineering organized a National Level Technical Symposium called TEKZO-2K23 on April 13th, 2023. Mr. Gifty, AP/CSE delivered the welcome address and introduced the chief guest. Er. S Vibin Raj, a Senior Consultant at Infosys in Trivandrum shared some innovative ideas to the students. The event included Paper Presentations and Quizzes with 28 papers submitted from various engineering colleges across different domains. The Valedictory function took place at 3:00 P.M., where winners were awarded mementos and all participants received certificates of participation. The event served as an excellent platform for students from various colleges to share ideas and experiences.



## Guest Lecture on CAREER GUIDANCE

The Department of Computer Science and Engineering (CSE) organized a one-day guest lecture on "Career Guidance" on February 14th, 2023 at the Seminar Hall. The event was attended by over 40 final year students. Dr. C. Emmy Prema, the Principal gave the presidential address. Mr. Vinish, the Product Head of CAD DESK was the chief guest of the event. During his lecture, he talked about the current expectations and trends of software companies and provided guidance to the students on where to study, what to study and how to prepare themselves for attending interviews in multinational companies (MNCs).



## SEMINAR ON GOOD CONSTRUCTION PRACTICE



A seminar on "Good Construction Practice," organized by the Department of Civil Engineering was held in the seminar hall on March 23, 2023. The program commenced at 9:30 a.m with a welcome address by Ms. P.M. Eso Kumary Paul, Assistant Professor of Civil Engineering. She also introduced the chief guest to the gathering. The resource person, Mr. N. Maheswaran delivered an effective speech on the topic citing the Oasis Residence project as an example of a successful construction project. The program concluded successfully with a vote of thanks proposed by Aspin K. of the Civil Engineering Department.

## INDUSTRIAL VISIT

A group of students embarked a journey to Coorg on February 25, 2023. On the first day, they visited the Golden Temple and the Bamboo Forest. The next day, they departed for Ooty at 4:00 am. During their trip, they visited "The Shooting Point" the Horticulture Garden and the Pine Forest. Additionally, they explored the Tea Museum, the Chocolate Factory and the Botanical Garden.



## Medical Camp for kidney health awareness

In honor of World Kidney Day 2023, the Save Kidney Foundation, KIMS Hospital in Thiruvananthapuram and Lister Hospitals in Marthandam partnered with Bethlahem Institute of Engineering to host a medical camp. The Director provided the opening remarks to kick off the program. Dr. Praveen Muralidharan, Dr. Praveen Namboodiri, Ms. Jayashree, and Dr. Aravind Vijayan led the session. Chronic kidney disease (CKD) is a growing public health concern worldwide, affecting millions and placing a significant burden on healthcare systems. The Kidney Camp aimed to address this issue by promoting kidney health awareness.



Healthcare professionals educated participants on lifestyle modifications, including diet, exercise, and smoking cessation, to reduce the risk of kidney disease. Lab tests, such as blood glucose tests, urine tests and anthropometric measurements, were conducted with the assistance of Bethlahem Nursing College students. The camp empowered participants to prioritize their kidney health. After a brief introductory meeting, the Medical Camp began at 10:30 am, and more than 250 people attended. Various facilities were arranged for the public. As part of the World Kidney Day program, the camp provided consultations with specialist doctors and lab tests. At the end of the program, BioE assured that the participants benefited from the medical camp.

## CULTURAL EVENTS *Mime Competition*

The Cultural event held at Holy Cross College on March 4th, 2023, was a vibrant display of talent and creativity. Students from various disciplines of the college enthusiastically participated and exhibited their diverse skills and passions.



The mime competition held on January 24, 2023 was a resounding success. The event saw enthusiastic participation from students who showcased their exceptional talents, adding grandeur to the occasion. Following a captivating display of mime artistry, the best performer was honoured by the Principal, adding a touch of prestige to the achievement.



## CO- CURRICULAR AND EXTRA CURRICULAR

Students from the Department of Computer Science and Engineering actively participated in various events at different colleges between January 2023 and July 2023. These included National Level Symposiums where they presented papers, as well as competitions like Syntax Finder and web designing. They also attended a workshop on "Data Analytics for Smart Cities Application" at MEPCO SCHLENK Engineering College, Sivakasi. Notably, Varistus Aldo (II CSE) won first prize for Web Development at a National Level Technical Symposium organized by the CSE department of Stella Mary's College of Engineering.



## CAREER GUIDANCE PROGRAM

The Department of Civil Engineering organized a one-day 'Career Guidance' program on February 14th, 2023 from 11:00 am to 1:00 pm. The program aimed to help students decide on their career paths and explore different job opportunities. The speaker Ms. Joslin Sowmi, the Project Trainer from CAD Desk in Marthandam motivated and guided the students leaving a positive impact on them. The program was a resounding success with the participation of 26 students



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### Book Published



### Dr. C. EMMY PREMA

A novel surface modification and mechanical characteristics on 3D-printed PLA-Al composite using laser surface irradiation

**ISBN NUMBER**  
**9781003430186**

## Boot Camp on Design Thinking

The Department of Electronics and Communication Engineering organized a one-day interactive program on May 22, 2023. The theme of the event was design thinking. The Principal, Dr. C. Emmy Prema welcomed the students and shared her views on the event. Students from SNS College of Engineering elaborated on Ideation and Design Thinking through small exercises that kept everyone engaged and curious. The session was informative for all participants.



## Value Added Courses on BACHOE OPERATOR TRAINING

The Value Added Course on "Backhoe Operator Training" was inaugurated on March 4, 2023, at 9:00 a.m. with a prayer song by the college choir. The welcome address was delivered by Mr. R. Monikandakumar, AP/Auto. The session introduced the topic of Backhoe Operator Training. Through their participation in this course, second-year and third-year automobile students gained both theoretical and practical knowledge of backhoe operation. The event concluded on April 8, 2023, with an assessment and the collection of student feedback forms.



## NATIONAL YOUTH DAY

Every year on January 12th, India celebrates National Youth Day to commemorate the birthday of Swami Vivekananda, an influential leader. The day is marked by processions, speeches, music, youth conventions, seminars, Yogasanas, presentations, essay-writing competitions, recitations and sports in schools and colleges across the country. The institution holds an event on this day to exemplify its commitment to honouring the youth and encouraging them to embrace Vivekananda's ideas and philosophies.



### Book Published



### K. ANUGIRBA

Nano: The Science and Technology of the Small

**ISBN NUMBER**  
**9798388243430**

## SOCIAL WELFARE PROGRAMS FOR VULNERABLE GROUPS

The social welfare program aimed to bridge the gap for vulnerable communities by providing access to essential resources such as education, healthcare and employment opportunities. Through collaborative efforts with local organizations and community leaders, BIoE addresses the unique needs of these groups, ensuring inclusivity and empowerment. The institution's approach goes beyond immediate assistance, focusing on long-term solutions that foster self-sufficiency and resilience among vulnerable populations, thereby promoting sustainable development. By investing in social welfare programs, BIoE strengthens the fabric of society, fostering solidarity and compassion to create a more inclusive and equitable world for all.



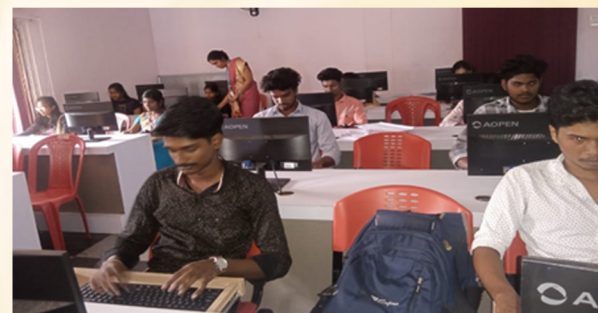
## ANTI-RAGGING AWARENESS PROGRAM



An anti-ragging awareness program was held on November 16, 2022. The initiative aimed to educate students about the moral values essential for maintaining a safe campus and preventing incidents of ragging. The program also outlined the consequences of ragging, emphasizing the importance of a supportive and respectful environment.

## VALUE ADDED COURSES ON IMAGE PROCESSING USING MATLAB

A value-added course on Image Processing using MATLAB was conducted for second and third-year ECE students from March 4, 2023 to April 8, 2023 with sessions held every Saturday. The inauguration took place on March 4, 2023 at 9:00 a.m., featuring a prayer song by the department choir followed by a welcome address delivered by Ms. Sindhu K, Assistant Professor in the Department of Electronics and Communication Engineering. The resource person Dr. S.A. Praylin provided comprehensive insights into the basics of digital image processing systems, including sampling and quantization, histogram processing and equalization, as well as smoothing and sharpening filters. Practical sessions were conducted to give students hands-on experience in image processing using MATLAB software. The event concluded on April 8, 2023, with assessments to estimate the students' understanding followed by the collection of feedback forms. Certificates were awarded to participants based on their performance in the assessments



## Value Added Course on Node JS



A value-added course on Node.js was conducted for II and III-year IT students from March 4, 2023, to April 8, 2023, with sessions held every Saturday. On March 4, 2023, at 9:00 a.m., the department choir led a prayer song to commence the program. Ms. P. Abitha Rose, AP/IT, delivered the welcome address. The resource person was Ms. S. Akhila Judit Nisha, AP/IT who provided insights into emerging trends and developments in the Node.js ecosystem, including upcoming features in new releases, community ini-

tiatives, and industry adoption patterns. The course equipped participants with the technical skills necessary to begin building applications using Node.js. The event concluded on April 8, 2023, with an assessment and the collection of feedback forms from students. Based on the assessment results, certificates were awarded to participants recognizing their successful completion of the value-added course on Node.js.

## Value added Courses On PYTHON DJANGO-WEB DEVELOPER

A value-added course on 'Python Django - Web Development' was conducted for second and third-year CSE students on all Saturdays from March 4, 2023 to April 1, 2023. The course was inaugurated on March 4, 2023 at 9:00 a.m. with a prayer song by the department choir. The welcome address was delivered by Ms. W. Vinisha, Assistant Professor in the CSE department. The sessions were conducted by Mr. S. Biron Gifty, who provided valuable insights into building web applications with Django. Students gained knowledge about the features and significance of Django in web development. Feedback from participants indicated high satisfaction with the course content, delivery and the expertise of the resource person. Certificates were awarded to participants based on the assessment conducted on April 8, 2023.



## Value added courses on PLC PROGRAMMING USING LOGIXPRO SIMULATOR

The course commenced on March 4, 2023 at 9:00 a.m. with a prayer song by the college choir marking the inauguration. This was followed by a welcome address by Mr. D. Ginu, Assistant Professor of Mechanical Engineering. Over the duration of the course, second- and third-year mechanical engineering students acquired both theoretical understanding and practical skills in PLC programming using the LogixPro Simulator. The event concluded on April 8, 2023 with an assessment and the distribution of student feedback forms



## Value Added Courses Civil 3D

Value Added Course was inaugurated on 04.03.2023 at 09.00 a.m. with a prayer song by the college choir followed by a welcome address delivered by Mr. M.Vinu, AP/Civil. The second and third year Civil Engineering students participated in this course and gained knowledge about Civil 3D both theoretically and practically. Finally, the event was concluded by conducting assessment and collecting feedback form from students on 08.04.2023.







# ANNUAL SPORTS MEET VIGOUR 2K23

BloE organized its 15th Annual Sports Meet VIGOR, on March 16, 2023. The day was filled with passion and excitement with Dr. Sheeja, Principal of Bethlahem College of Nursing as the chief guest. The event featured a hymn by the choir, an Inter-House March Past, the lighting of the Presidency Torch, exhibits and various sporting competitions. The Yellow House won the house championship award. Dr. Emmy Prema, the Principal commended the teachers for their support and encouraged the students to uphold a spirit of sportsmanship.






**M.E COMMUNICATION SYSTEMS**  
**ASWINI M**  
RANK - 1  
GOLD MEDALIST



**M.E COMMUNICATION SYSTEMS**  
**DIVYA V.S**  
RANK - 5



**B.E CIVIL ENGINEERING**  
**AJEERA A**  
RANK - 13

**ANNA UNIVERSITY RANK HOLDERS**

## JOURNAL Published



### ROSHAN XAVIER X

Investigation on the mechanical properties of natural composites made with Indian almond fiber and neem seed particulates

ISSN NUMBER : 09544062

JOURNAL NAME

Journal of Mechanical  
Engineering Science

Investigation on mechanical moisture uptake and bio-degradation behaviors of Indian Jujube fruit seed particles reinforced epoxy- Indian almond composites

ISSN NUMBER : 2058-3389

JOURNAL NAME

Journal of Mechanical  
Engineering Science



## JOURNAL Published



### SAUMIYA S

Unified automated deep learning framework for segmentation and classification of liver tumors

ISSN NUMBER : 09208542

JOURNAL NAME

The Journal of Supercomputing

## VALUE ADDED COURSE on ECAD

A value-added course on ECAD was conducted for second and third-year EEE students from March 4, 2023 to April 8, 2023 with sessions held every Saturday. The course was inaugurated on March 4, 2023 at 9:00 a.m. with a prayer song by the department choir followed by the welcome address delivered by Mrs. Cinu S. Robin, AP/EEE. The resource person Mr. Praveen Mathias covered the basic topics of ECAD. ECAD software systems are used to design and develop electronic systems, such as printed circuit boards (PCBs) and integrated circuits (ICs). ECAD software enables electrical engineers to create and modify diagrams and layouts including 2D and 3D models. The event concluded on April 8, 2023, with an assessment and the collection of feedback forms from students. Based on the assessment, certificates were awarded to the participants.







Bethlehem Institute of Engineering, nestled amidst the tranquil landscapes of Nadutheri celebrated its 15th College Day with grandeur befitting its illustrious legacy. The event held on March 17th, 2023 at the College Lawn started at 10:30 am, drew together a vibrant gathering of students, faculty, alumni and esteemed guests. The event commenced with a soulful prayer song sung by the college choir, led by Pr. Sajitha Mohandhas. It was followed by inspiring words from her. Chief Guest Dr. A. Kaliyamurthy M.A., Ph.D graced the occasion as the Chief Guest, underscoring the college's commitment to diversity. He delivered a thought-provoking address. He commenced his speech by delving into the rich tapestry of Tamilnadu educational system, emphasizing how education plays as an important role in shaping individuals. Delving deeper into history, he eloquently traced India's colonial past reflecting on the diverse influences of rulers spanning centuries. He highlighted the pivotal role of society in fostering the flame of education and commended Bethlehem Institute of Engineering for its unwavering dedication to excellence in education and discipline. He shed light on the challenges confronting marginalized communities, underscoring the crucial need for inclusive education in our rapidly evolving world. The Chief Guest concluded his address by reflecting on the rapid advancements in technology. Despite these challenges, he commended Bethlehem Institute of Engineering for its exemplary performance and expressed pride in the institution's significant contributions. The Principal delivered a heartfelt address, sharing insights from her personal journey and expressing deep gratitude for the role of faith in overcoming life's challenges. She proceeded to present the college's annual report highlighting its achievements and on-going initiatives, underscoring the transformative impact of education. She attributed her resilience during difficult times to God's benevolence, reinforcing her belief in the primacy of spirituality. Emphasizing the institution's commitment to holistic development, she underscored the importance of spiritual nourishment alongside academic pursuits. She extolled virtues such as compassion and empathy, urging students to prioritize inner growth alongside their academic endeavours. The felicitation of meritorious students and staff ensued, acknowledging their dedication and perseverance. The cultural segment, featuring captivating performances by students, infused vibrancy into the evening's proceedings.

## Career counselling on Special Company Specific Training

The Placement and Training Cell of the college conducted a career counseling program on "Special Company Specific Training" for all the final year circuit branch students on 5th April 2023 at 2.00 p.m. The session started with the welcome address by Mr. Prem Kumar Placement Officer followed by the presidential address by Dr. C. Emmy Prema, Principal. The Trainer, Ms. Seema Johnneyfer educated participants about the significance of embedded systems in modern technology and inspired innovation in their design and implementation. In short, the session equipped students with the knowledge and skills to innovate in the field of embedded systems. The program ended with the formal vote of thanks by Mr. Edwin Thurai, AP/ECE.



## GUEST LECTURE ON COMPETITIVE EXAMS

A guest lecture on competitive exams was held on February 23, 2023 at 10:30 a.m. for all final-year students conducted by Mr. Senthil Kumar, Junior Firmware Developer at Picobytes Pvt Ltd, Nagercoil. The session began with a welcome address by Mr. Prem Kumar, Placement Officer followed by the presidential address by Dr. C. Emmy Prema, Principal. Mr. Senthil Kumar led various sessions to create awareness about competitive examinations among the student community. He provided descriptions of the UPSC and TNPSC exams and explained different strategies to successfully crack them. The session was highly beneficial for aspiring students. It concluded with a formal vote of thanks delivered by Ishwarya, a final-year CSE student.



## CAREER GUIDANCE ON NPTEL

A career guidance session on NPTEL was conducted on March 3, 2023 in which all third-year students participated. Mr. Prem Kumar, the Placement Officer delivered a warm welcome speech setting the stage for the session and highlighting the importance of career development through continuous learning. Dr. Emmy Prema, the Principal of the institution delivered the presidential address emphasizing the significance of NPTEL courses in supplementing traditional education. During the session, the technical trainer Ms. Arthi, highlighted the diverse range of courses available on NPTEL and explained how they can complement traditional education and enhance students' skill sets making them more competitive in their respective fields. D. L. Jebarlin, a third-year ECE student delivered the formal vote of thanks expressing gratitude to the speaker for her enlightening session and to all participants for their active engagement.

