SEMINAR ON AN OVERVIEW ON INTERNATIONAL LANGUAGE TESTING SYSTEM

The Placement and Training Cell organized a one-day seminar on 07-10-2022 from 10:00 a.m. to 03:00 p.m. The seminar commenced with an introduction to the International English Language Testing System (IELTS), its history, and its significance in the global academic and professional landscape. The Resource person, Mr. M. Saravanan, elaborated on the structure of the IELTS exam, encompassing its four modules: Listening, Reading, Writing and Speaking. He outlined the scoring process, emphasizing the band score method used to assess test takers' skill levels. Participants received valuable insights into the format of each module, including the types of questions, time allocation and assessment criteria. The session concluded with a formal vote of thanks given by Jino J K

Training on Communication skills

The Placement and Training Cell organized a training program on 'Communication Skills' for final-year students from August 13, 2022, to November 5, 2022. The resource persons, Mr. Saravanan M and Ms. Austin Sweety from the English Department, provided fundamental communication skills training. The students developed the ability to confidently and effectively communicate their views during interviews. The sessions significantly enhanced their communication and interviewing abilities.

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.

SYMPOSIUM: ZESTRONICS 2K22

The Department of Electronics and Communication Engineering hosted a national-level technical symposium, "ZESTRONICS 2K22," on November 16, 2022. The event featured Ms. Nima Ravi, an Assistant Professor at the College of Engineering, Trivandrum, as the chief guest. The inaugural function commenced with an invocation song performed by the college choir. Dr. Praylin, the Head of the Department, delivered the welcome address, followed by a presidential address from the Director and an inaugural address by the Principal. Ms. Nima shared her innovative insights on big data analytics and machine learning, motivating students to explore this field further. She also honored meritorious students and the symposium coordinator, Mr. A. Joel Dickson, expressed gratitude with a vote of thanks.

The symposium included a paper presentation and quiz, showcasing innovative ideas from students of various colleges. There was enthusiastic participation from students across institutions. During the valedictory function, winners received mementos and certificates were awarded to all participants. Students shared their experiences from ZESTRONICS 2K22, highlighting the event's success, which was made possible through the dedicated efforts of both faculty and students.
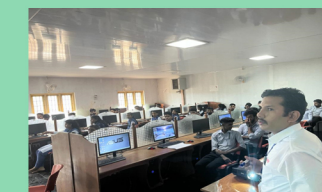
GUEST LECTURE ON ADVANCED CONSTRUCTION TECHNIQUES AND HIGH-RISE BUILDING DESIGN

The Department of Civil Engineering hosted a one-day guest lecture on October 12, 2022 from 9:00 a.m. to 4:00 p.m. The session was led by Mr. M. Murugan, an Associate Professor at Government College of Engineering, Tirunelveli. He spoke on Advanced Construction Techniques and High-Rise Building Design. The primary aim of the lecture was to equip students with the skills to design and analyze framed structures. Nithya Joy C. A., a third-year Civil Engineering student, concluded the event by proposing the vote of thanks.
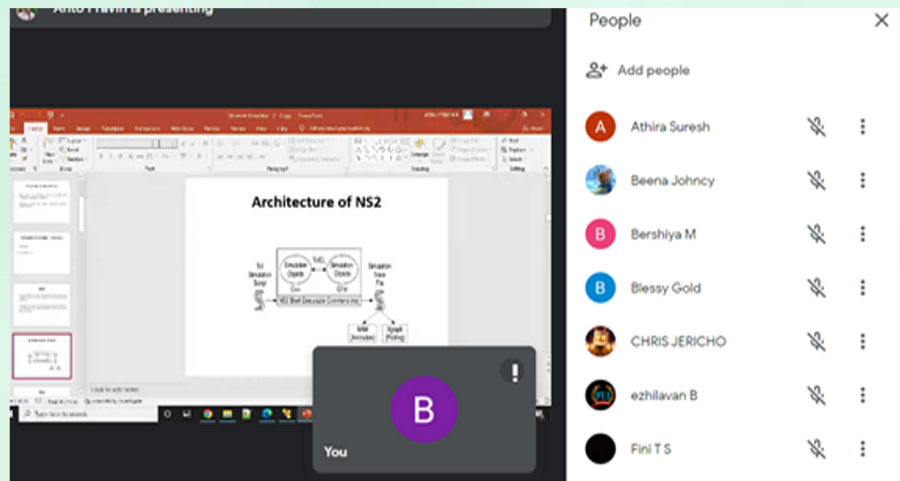
VALUE ADDED COURSE ON ESSENTIAL OF AUTOCAD

The "Essentials of AutoCAD" value-added course began on September 7, 2022 at 10:30 a.m. The program started with a prayer song by the college choir, followed by a welcome address from Aravindh, a third-year Mechanical Engineering student. The course was conducted every Saturday from 1:00 p.m. to 4:00 p.m. It covered fundamental CAD concepts and the design of a simple structure plan. The course concluded successfully on September 22, 2022 with a vote of thanks delivered by Mr. Anto Vidson, a third-year Civil Engineering student.

ONLINE WORKSHOP ON NETWORK SIMULATOR TOOL

The Department of IT organized a one-day online workshop on "Network Simulator Tool" on September 21, 2022, at the IIT Bombay Remote Center. Ms. R. Jegana, Head of the Department, welcomed the guest and outlined the program. The Principal, Dr. C. Emmy Prema, delivered the presidential address, followed by a technical talk chaired by Dr. B. Ezhilavan, Founder and CEO. The lecture was both educational and beneficial, providing students with valuable insights into network simulator tools. The event concluded with a formal vote of thanks by Arathi Prasanthan, a third-year IT student.

Value added Courses on
ESSENTIAL OF WEB DESIGNING

The course was inaugurated on August 22, 2022, at 1:00 p.m., with a prayer song performed by the college choir. The welcome address was delivered by Ms. S. Akhila Judit Nisha, AP/IT. Ms. M. Anisha, Project Trainer at CADD Centre Marthandam, served as the resource person. She empowered the final-year IT students to explore innovative solutions and excel in the field of web designing. Through her guidance participants gained a thorough understanding of the foundational aspects of web design, including its principles, technologies and best practices. The event concluded with an assessment and feedback collection from students on September 17, 2022. Based on the assessment, certificates were awarded to the participants.

Technical talk on visualize the future

A one-day technical talk on "Visualize the Future," organized by the IT Department was conducted on October 17, 2022 at the IIT Bombay Remote Center. Ms. R. Jegana (HoD, IT) welcomed the guest and introduced the program. The presidential address was given by Principal Dr. C. Emmy Prema. The technical talk was chaired by Mr. K. S. Sivabharath (Managing Director, Code Hunters) and Mr. Gamaliel Das (Chief Operating Officer, Code Hunters). The resource persons discussed various topics, including Hackathons, team organization, planning and preparation strategies, ideologies, presentation procedures and also covered Bitcoin and block chain technology. The program concluded with a formal vote of thanks delivered by Shini Mol, a final-year IT student.

Book Published

Dr. ABHILASH D P

Engineering Chemistry

ISBN NUMBER
978-93-93836-08-3

COMPETITIONS

SPOT PHOTOGRAPHY

The spot photography competition held on December 22nd, 2022 at 2:30 p.m. was a resounding success. The enthusiastic participation of the students played an essential role in making the event success with each participant showcasing their unique talents.

CLAY MODELLING

A clay modelling competition was held on November 11th, 2022, at 2:30 p.m. The enthusiastic participation of the students contributed to the success of the event.

QUIZ COMPETITION

A quiz competition was held on September 15, 2022, attracting a remarkable turnout of enthusiastic participants. The event saw students engage with great zeal, showcasing their talents and contributing to its overall success.

SINGING COMPETITION

A singing competition took place on October 28, 2022, at 2:00 p.m. The event was a tremendous success, characterized by enthusiastic participation and the remarkable talent showcased by the students.

ENGLISH ELOCUTION

The English elocution competition was conducted on October 14th, 2022. The event was a great success, with enthusiastic participation and impressive talent displayed by the students.

DANCE COMPETITION

A dance competition was held on September 30, 2022, at 2:00 p.m., that proved to be a great success, highlighted by the enthusiastic participation and exceptional talents showcased by the students.

DRAWING COMPETITION

A drawing competition was conducted on August 12th 2022, at 2:00 p.m. Through their passionate participation and talent demonstration, students turned the evening into a big success.

VEGETABLE CARVING

A vegetable ccarving event was conducted on August 29th, 2022 at 2:30 p.m. The enthusiastic participation and impressive talent displayed by the youngsters made the evening a resounding success.

Value Added Courses on SOLIDEDGE

The course commenced on September 3, 2022 at 9:00 a.m. with a rendition of a prayer song by the college choir. The welcome address was delivered by Mr. C. Arul Jerman, Assistant Professor of Mechanical Engineering. The session focused on introducing SOLIDEDGE design software. Fourth-year mechanical students actively engaged in this course, acquiring theoretical understanding and practical skills in SOLIDEDGE design software. The event concluded on October 15, 2022, with the administration of assessments and the collection of feedback forms from students.

Value Added courses on Solidworks 3D CAD

The Value Added courses on 'Solidworks 3D CAD' course commenced on 03.09.2022 at 09:00 A.M with a prayer song performed by the college choir. The welcome address was delivered by Mr. M. Amala Prabin, AP/MECH. The session focused on the SOLIDWORKS 3D CAD design software. II and III-year Automobile Engineering students actively participated in the course, acquiring theoretical and practical knowledge of the Solid Works 3D CAD design software. The event concluded with an assessment and the collection of feedback forms from students on 08.10.2022.

CATIA
Value Added Course

The Value Added Course on CATIA commenced on August 22, 2022, at 9:00 a.m. with a prayer song performed by the college choir. Mr. D. Ginu, AP/MECH, delivered the welcome address. The course focused on introducing CATIA design software, with third- and fourth-year automobile students actively engaging in both theoretical and practical aspects of learning. The event concluded on September 17, 2022, with an assessment and the collection of feedback forms from students.

Awarded Ph.D.

" Congratulations

Dr.R.JEEN RETNA KUMAR
Assistant Professor
Department of
Electronics & Communication Engineering

Hearty Congratulations

We, the Management, the Principal, Staff members and Students congratulate Dr.R.Jeen retna Kumar, Assistant Professor of Electronics and Communiation Engineering for having been awarded the Doctoral Degree in ECE on "AUTOMATIC EMOTION RECOGNITION OF HUMAN USING FACIAL EXPRESSION" from Anna University, Chennai.

We wish you many more laurels in your academic journey.

" Congratulations

Dr.X.ROSHAN XAVIER
Assistant Professor
Department of Mechanical Engineering

Hearty Congratulations

We, the Management, the Principal, Staff members and Students congratulate Dr.X.Roshan Xavier, Assistant Professor of Mechanical Engineering for having been awarded the Doctoral Degree in Mechanical on "MECHANICAL AND WEAR BEHAVIOUR ANALYSIS OF AA7050 ALUMINIUM METAL MATRIX COMPOSITES" from Anna University, Chennai.

We wish you many more laurels in your academic journey.

AMCAT Training

The Placement and Training Cell conducted an AMCAT training program on September 2, 2022 for all third-year students. Mr. S. Prem Kumar initiated the session with a warm welcome address. Dr. C. Emmy Prema, the Principal delivered the presidential address highlighting the importance of such training programs to enhance students' employability. The technical trainer Ms. Ajasha, shared effective strategies for preparing for AMCAT, including study tips, practice techniques and time management skills. The training provided students with practical guidance and motivation to prepare effectively for AMCAT. The session concluded with a vote of thanks delivered by Vidhya, a third-year ECE student who expressed gratitude on behalf of her peers to the organizers, trainer and participants for making the training program a success.

3 DAYS WORKSHOP ON DATA SCIENCE USING PYTHON

A three- day workshop on "Data Science using Python" was conducted at the IIT Bombay Remote Center from 26-10-2022 to 28-10-2022. The program was introduced by Ms. G. Marly, HoD/CSE and the Presidential address was given by the Principal Dr. C. Emmy Prema. Dr. B. Ezhilavan, Founder & CEO of VEI Technologies Pvt. Ltd, Chennai, chaired the technical talk. During the workshop, the speaker discussed Hackathons, team organization, planning and preparation strategies, presentation procedures, Machine Learning and Deep Learning technology. Shana of II CSE proposed the formal vote of thanks.
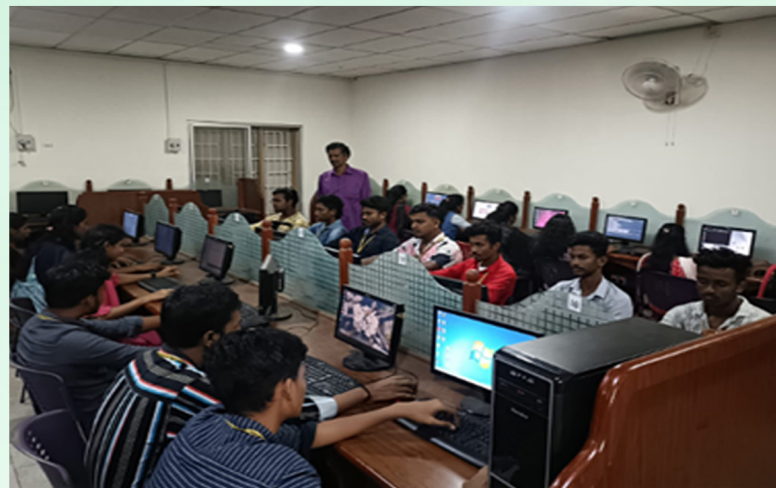
VALUE ADDED COURSE

EFFECTIVE COMMUNICATION SKILLS DEVELOPMENT

The Value Added Course on 'Effective Communication Skills Development' was conducted on December 10, 2022 at 9:00 a.m inaugurated with a prayer song performed by the college choir. The welcome address was delivered by Ms. Austin Sweety, AP/English. During the session, the importance of communication was emphasized to the students, and they were provided with knowledge to enhance their communication skills. The event concluded on January 28, 2023, with an assessment and collection of feedback forms from the students.

DATA SCIENCE USING PYTHON

To enrich the knowledge of Data Science using Python, a value-added course was conducted for second and third-year ECE students from September 3, 2022, to October 15, 2022, with sessions held every Saturday. The inauguration took place on September 3, 2022, at 09:00 AM, featuring a prayer song performed by the college choir, followed by a welcome address delivered by Ms.A.Mary Jeya Shiniha, Assistant Professor in the Department of Electronics and Communication Engineering.

Mr. Siva Bala Vignesh G served as the resource person guiding the students through various aspects of Python basics. This included an introduction to pandas data structures, functions, arrays and selection by position and labels. Practical exercises were conducted such as installing Jupyter Notebook for Windows and Linux, as well as installing numpy, pandas and matplotlib.

The event concluded with assessments conducted on October 15th, 2022 followed by the collection of feedback forms from the students. Certificates were then issued to all participants recognizing their completion of the course.

ESSENTIALS OF JAVA

Value added course on "Essentials of Java" was conducted for the final year CSE students from August 22, 2022 to September 14, 2022. The course was inaugurated on 22/08/2022 at 09.00 a.m with a prayer song by the department choir followed by the welcome address delivered by M. Janani, AP/CSE. The resource person was Mr. S. Shakthi Vel, Trainer, CADD Center, Marthandam. He covered fundamental concepts in Java, including operators, data types, variables, and control flow structures. Students received hands-on experience with Java coding by writing and running programmes in the language. Through interactive sessions and insightful discussions, students gained valuable knowledge and skills that can contribute to their academic and professional growth in the field of software development.

VALUE ADDED COURSE ON ESSENTIALS OF PYTHON

The Value-Added Course on 'Essentials on Python' started at 01:00 p.m. on 22-08-2022 with the prayer song by the College choir. The welcome address was delivered by Mr. Merlin, AP/ECE. The Resource person explained the fundamentals of python, the basic variables and functions used in python language. Students also gained knowledge in OOPS, data structures and C programming. Finally, the event was concluded by conducting assessment and collecting feedback form from students on 17-09-2022. Based on the assessment, certificates were given to the participants.

Virtual Power Seminar on Industry Expectation from students

A Virtual Power seminar on "Industry Expectation from Students" was conducted on August 11, 2022. Ms. Jeksha, AP/EEE welcomed the gathering and Dr. Jerald Jeba Kumar, delivered the Presidential address. The seminar featured an enlightening speech by Mr. K. Kalaimani, a Merchant Navy Officer and Career Consultant. He emphasized the crucial role of technical proficiency and soft skills in meeting industry standards. Through his insightful discourse students were inspired to set ambitious career goals and strive for excellence in their chosen fields. Finally, Dr. S. A. Praylin Selva Blessy, ICT Academy Coordinator concluded the seminar by proposing the vote of thanks. Her acknowledgment expressed gratitude to all participants, speakers and organizers for their contributions to the success of the event.
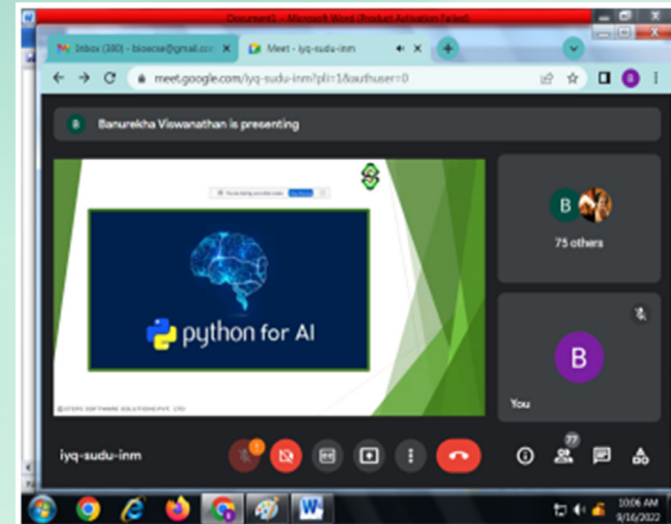
Value Added courses on DART PROGRAMMING

Value added course on Dart Programming was conducted on all Saturdays for the second and third year CSE students from 03/09/2022 to 15/10/2022. The course was inaugurated on 03/09/2022 at 09.00 a.m. with a prayer song by the department choir. The welcome address was delivered by Ms. J. K. Henilin, AP/CSE. The resource person Ms. J. Vinni Hecta, CADD Point, Marthandam equipped the students with valuable knowledge and skills essential for leveraging Dart in web and mobile app developments. The course facilitated a comprehensive understanding of Dart's syntax, features and its significance in contemporary software development. Finally, the event was concluded by conducting assessment and collecting feedback form from students on 15/10/2022. Based on the assessment, certificates were given to the participants.

Industrial visit to Cape Start Software

A group of third-year B.E. CSE students had a one-day industrial visit to Cape Start Software in Nagercoil on October 11, 2022, aimed at enhancing their interpersonal skills through direct interaction with industry professionals. The faculty members in charge of the visit were Mrs. AnuGirba K, Mrs. Viji Nirmala D.V, and Mr. Thooyavan. The students were organized into batches of eight for the visit.

Online Workshop on ''Python for AI"

A one-day Online Workshop on "Python for AI" was conducted by CSE department on 16-09-2022. Ms. G. Marly (HoD/CSE) delivered the welcome address. The presidential address was given by the Principal Dr. C. Emmy Prema. The technical Speakers Mr. Jebamony Mathias (Founder & CEO) and Ms. Reena Jackson delivered an excellent lecture on the various applications of Python in AI. Sheenu of IV/CSE proposed the vote of thanks.

Industrial visit to Time Zone Forum Mall

The second-year B.E. CSE students organized a two-day industrial visit to Time Zone Forum Mall in Bangalore on October 13th and 14th, 2022, as part of their curriculum. The Class Review Committee approved the visit, and the students were accompanied by faculty members: Mrs. S. Akhila Judit Nisha, Mrs. M. Janani, Mr. Libin Jacob and Mr. Sunil. During the visit, students were divided into groups of ten to engage with industry professionals. The IT personnel provided valuable insights into MySQL technology, which is used in the mall's operations. Additionally, the students received a brief introduction to various IT companies. Overall, the visit was highly informative, enhancing the students' understanding of the IT sector and broadening their knowledge of the industry.

CAREER COUNSELLING ON HIGHER STUDIES IN LONDON

A career guidance program was conducted for all final year students on August 25th, 2022 at 10.00 a.m in the seminar hall. The session was conducted by Mrs. Berlin Jeris, the Senior Student Recruitment Manager at SMS Higher Education Group in London. The program started with the welcome address by Ms. Shyni Vinse, AP/IT followed by the Felicitation address by Dr. Jerald Jeba Kumar, Principal. The speaker, Ms. Berlin Jeris, sheds light on the career prospects and networking opportunities available to the students studying in London. Students gained a holistic understanding of the opportunities and resources available for pursuing higher education in London. Mr. M Roger Libin, AP/AUTO, delivered a formal vote of thanks, expressing gratitude to the speaker for her enlightening session and to all participants for their active engagement.

MUST KNOW A PROGRAMMING LANGUAGE

A Guest Lecture on "Must Know a Programming Language" organized by the department of Computer Science and Engineering was conducted on 10-10-2022. Ms. Vinisha W. V (AP/CSE) introduced the Chief Guest. The lecture was given by Mr. Stalin Samuel, Gelbero Solutions Pvt. Ltd, Karungal. The session was attention-grabbing and gave the prospect to know about the versatile programming language python with widespread applications. The program was concluded with a formal vote of thanks by L. Febin Rani, (AP/CSE).

TECHNICAL TALK ON "JAVA PROGRAMMING"

A Technical Talk on "Java Programming," organized by the Department of Computer Science and Engineering, was conducted on September 19, 2022. Ms. Henilin J. K. (AP/CSE) welcomed the chief guest and the participants. Ms. Vinisha W. V. (AP/CSE) introduced the chief guest. The lecture was delivered by Ms. Sofiya G. S. from NCA Corporation, Chennai. The resource person highlighted the significance of Java programming and its widespread applications. The students learned about the role of Java in the broader context of software engineering and its relevance in today's technology-driven world. The program concluded with a formal vote of thanks given by Shime J. (AP/CSE).

WORLD ENERGY CONSERVATION DAY

World Energy Conservation Day was celebrated on 18th December 2022, showcasing institution's commitment to community health and social responsibility. National Energy Conservation Day is observed on December 14 every year to raise awareness about the importance of conserving energy and to highlight the nation's achievements in energy efficiency and conservation.

Fresher's day-2k22

The Department of Science and Humanities organized a Fresher's day-2k22 to welcome first-year students of all Engineering programs at the institute premises on 24-10-2022. Students and parents were welcomed by the Director Er. T. Isan and Principal Dr.C.Emmy Prema. The event was honoured by the presence of Shri. T.M Ajimal Jenif, Sub-Inspector of Police, Cybercrime Branch, Nagercoil. The session was led by the Head of the Department, Dr. D.P. Abhilash, who highlighted the college's rules and principles. Mr. M. Saravanan, AP/English, proposed a Vote of Thanks.

This is an annual event that aims to foster a sense of camaraderie between juniors and seniors, as well as guides and teachers. Its purpose is to provide a positive and uplifting environment for the fresher's as they embark on their new journey. The Fresher's Day speech was marked by an outpouring of love, warmth, encouragement, positivity and courage.

Career guidance on IELTS program

The Placement and Training Cell organized a Career Guidance Program on IELTS for all second-year students on August 15th, 2022. The aim of the program was to provide students with valuable insights into the IELTS examination and equip them with the necessary knowledge and skills to excel in the test. Mr. Prem Kumar, Placement Officer, extended a warm welcome to all attendees and Dr. C. Emmy Prema, Principal delivered a felicitation address highlighting the significance of the program in guiding students towards academic and professional success. The Resource person, Dr. R. Edwin Raj provided a comprehensive overview of the IELTS examination. This detailed information helped students understand the structure of the test and familiarize themselves with the types of questions they would encounter. Finally the program ended with a formal vote of thanks by A. Jasmini, II year IT student.

VALUE ADDED COURSE ON AUTOCAD ESSENTIAL

To enhance knowledge of AutoCAD Essentials, a value-added course was conducted for final-year EEE students from August 22, 2022, to September 17, 2022, held every Saturday. The course was inaugurated on August 22 at 9:00 a.m. with a prayer song performed by the college choir, followed by a welcome address from Ms. Jeksha, AP/EEE. The sessions were led by resource person Ms. Monisha, who covered the fundamentals of AutoCAD. This computer-aided design (CAD) software is essential for precise 2D and 3D drafting, design, modeling with solids, surfaces and mesh objects, as well as documentation features. Second- and third-year EEE students also participated and gained valuable insights.The course concluded with an assessment and feedback collection on September 17, 2022, after which certificates were issued to all participants.
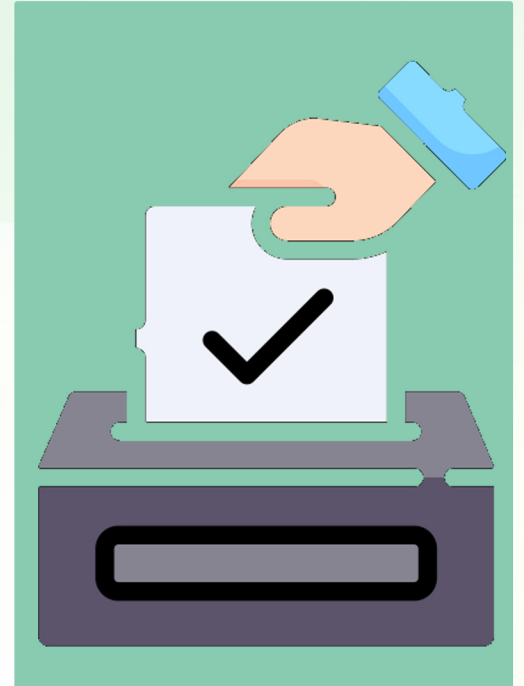
CYCLE RALLY BY "NATIONAL SERVICE SCHEME"

The NSS Unit of BIoE organized a cycle rally on Fit India to raise awareness about the importance of fitness and daily exercise. During the rally, volunteers explained the benefits of cycling to maintain a healthy lifestyle. They also encouraged the public to use cycles as a means of staying fit and healthy. A total of 25 volunteers and 4 program officers participated in the rally.

VALUE ADDED COURSE ON PLC

A value-added course on PLC was conducted for third and final-year EEE students from September 3, 2022, to October 15, 2022, held every Saturday. The course was inaugurated on September 3 at 9:00 a.m. with a prayer song by the department choir, followed by a welcome address from Mr. Joe Chandran R, AP/EEE. The resource person, Mr. Prabin RD, covered foundational topics in PLC, emphasizing its significance as a powerful tool in Electrical Power systems. The course addressed essential aspects of PLC programming, catering to both beginners and experienced professionals. The event concluded on October 15 with assessments and feedback collection from students, after which certificates were awarded to participants based on their performance.

ELECTION AWARENESS PROGRAM

The "New Voters Awareness Programme" was conducted on November 25, 2022, at 3:30 pm organized by the NSS at the campus. Dr. C. Emmy Prema, welcomed everyone and Mr. H. R. Koushik, IAS, emphasized the importance of voting. Volunteers raised awareness about voting rights and distributed Voter ID cards to eligible individuals. The program included a demonstration on obtaining a voter's ID card and concluded at 4:00 pm.

GUEST LECTURE ON EMBEDDED SYSTEM AND ITS APPLICATIONS

A guest lecture was organized by the department of Electrical and Electronics Engineering was conducted on 30-09-2022 from 02.00 p.m. to 04.00 p.m. The welcome address was delivered by Dr. Felix Joseph, HoD/EEE and the Principal presided over the function. The Chief guest Mr. Praveen Mathias, Design Administrator of MATT (Embedded Software Developer), gave a talk on "Embedded Systems and its Applications". The presentation encouraged the attendees to go deeper into the intriguing field of embedded systems and take advantage of its potential to spur creativity and resolve challenging problems across a range of industries. Beautlin Jeya J, III year EEE, proposed the vote of gratitude to adjourn the meeting.

Guest Lecture on Python

The guest lecture on "Python" was conducted on 13th October, 2022 at 02.00 p.m. Ms. R. P. Shyni Vinse, AP/IT welcomed all the participants and guests. Ms. R. Jegana, HoD/IT introduced the chief guest and the Principal Dr. C. Emmy Prema, delivered the inaugural remarks and gave suggestions for the students to make use of Python language. Then the resource person Mrs. Dhanu, CADD point, Marthandam, delivered an effective speech on Python. Vote of thanks was proposed by Ms. M. B. Anushlin Leena, AP/IT.

POLLUTION CONTROL DAY

The institution successfully hosted a cycle rally on National Pollution Day, December 5th, 2023. Participants rode bicycles adorned with pollution-themed placards across the Bethlahem college campus. The event was inaugurated by the Principal and coordinated by Mr. Merlin and Dr. Abina Shiny R S. First and second-year students from all departments actively participated in the rally.

Journal Published

C. EMMY PREMA

A novel Efficient Video Smoke Detection Algorithm Using Co-occurrence of local Binary Pattern Variants
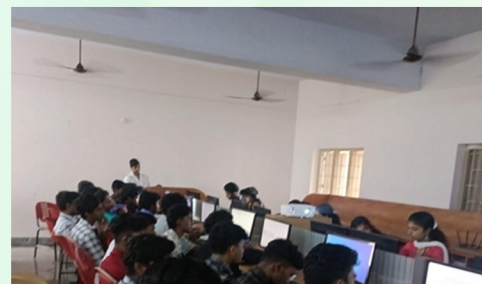
ISSN NUMBER : 0015-2684

JOURNAL NAME
Fire Technology

Value Added Course on ETAB

The course was inaugurated on September 3, 2022 at 9:00 a.m with a prayer song performed by the college choir. The welcome address was delivered by Mrs. P. Sharmini, AP/Civil. The session focused on ETAB. Second and third year Civil Engineering students participated in the course and gained knowledge about ETAB both theoretically and practically. The event concluded with an assessment and the collection of feedback forms from students on October 15, 2022.

VALUE ADDED COURSE ON COMPILER DESIGN

Value added course on Compiler Design was conducted for the II & III-year IT students from 03.09.2022 to 15.10.2022 (every Saturday). The course commenced with a prayer song by the department choir, fostering a positive and reflective atmosphere. Following this, Ms. S. Akhila Judit Nisha, AP/ IT delivered the welcome address, officially inaugurating the course and setting the tone for the upcoming sessions. Ms. M. B. Anushlin Leena, AP/ IT served as the resource person. Her insights into the latest trends, technologies and research advancements in compiler design likely provided valuable context and inspiration for the participants motivating them to explore the field further. The course inspired participants to develop strong problem-solving skills that are applicable across various domains of computer science. The course concluded on October 15, 2022. Feedback forms were collected from the students. Based on the assessment, certificates were given to the participants.

Journal Published

FELIX JOSEPH X

Fuzzy PI Control of Trapezoidal Back EMF Brushless DC Motor Drive Based on the Position Control Optimization Technique

ISSN NUMBER : 1024123X

JOURNAL NAME
Mathematical Problems in Engineering

Hearty Congratulations

GOLD MEDALIST 1 RANK HOLDER

JENISHIA C.S
M.E. Applied Electronics

On behalf of the Management, Principal, Staff and Students of Bethlahem Institute of Engineering, we congratulate the Anna University Gold Medalist & Rank Holders of the academic year 2020 - 2021. We also thank the HoDs, staff members and students of the Civil and ECE departments for their great efforts and achievements.

ANILA S.R
M.E. Structural Engineering
4th Rank

SHAJILA R
M.E. Structural Engineering
18th Rank

SUJI K
M.E. Structural Engineering
19th Rank

ONAM

The Onam celebration was inaugurated by Dr.Emmy Perma, the Principal, by lighting the lamp at 10:30am. The programme was followed up by a prayer song. The students made a beautiful Pookalam in the entrance. AnuPriya, IIyr cse student welcomed the gathering. Our Principal, addressed the gathering, wished all the students of Bethlahem Institute of Engineering and others a Happy Onam. She said that the festival like Onam unites everyone and develops fraternity. Co-ordinators Prof Dr.Abilash-A.P./ Chemistry and Prof Dr.Saravanan-Ap/English, the committee members and other faculty were present in the programme. After the inauguration the students distributed sweets to the students and staff members. In the afternoon the "Pookalam" contest was organized on behalf of the institution and the judging panel was from the staff of Bethlahem B.ed college of Education and winners of the competition were honoured with prizes during the college cultural.

CAREER COUNSELLING ON BUILD YOUR ACADEMICS

The Career Counseling Session on "Building Your Academics" was designed to assist participants in developing strategies and skills to enhance their academic performance and achieve success in their educational pursuits. The session started with the welcome address by Mr. Prem Kumar, Placement Officer followed by the felicitation address by Dr. C. Emmy Prema, Principal. The chief guest Dr. Benjamin, emphasized the importance of identifying the skills that students should develop to achieve their academic goals. Students learned techniques for stress reduction, relaxation, mindfulness and self-care to foster a balanced approach to academics and personal life. The program ended with a formal vote of thanks by Beena Johncy A, IV-year IT student.

EYE CAMP

A free eye checkup camp was conducted by the NSS club in collaboration with Bejan Singh Eye hospital on 06-12-2022 from 10:00 a.m. to 4:00 p.m. The eye camp was organized to promote awareness about vision health and address common eye-related issues among college students and facilitate early detection and treatment. Trained optometrists from Bejan Singh Eye hospital conducted comprehensive eye screenings for all the students. Students requiring further evaluation or specialized treatment were referred to ophthalmologists for consultation. The camp empowered students with knowledge about maintaining optimal eye health and seeking timely care when needed. Over 50 participants showed up for the camp.

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VALUE ADDED COURSES ON AUTOCAD ESSENTIAL

The course was inaugurated on August 22, 2022 at 9:00 A.M with a prayer song performed by the college choir. The welcome address was delivered by Mr. S. Japdrew, Assistant Professor of Mechanical Engineering. The session introduced the topic of AutoCAD Essential Design software. Throughout the course, second and third-year mechanical students gained theoretical and practical knowledge of AutoCAD Essentials. The event concluded on September 17, 2022, with an assessment and the collection of student feedback forms.

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INDEPENDENCE DAY 15TH AUGUST 2022

Independence Day was celebrated on August 15, 2022, with great enthusiasm. The event was attended by students, faculty members and staff of the college. The celebrations began with a flag-hoisting ceremony conducted by the Principal, Dr. C. Emmy Prema. Following the ceremony, patriotic songs were performed by the college choir reflecting on the significance of independence and the progress of the nation. The event fostered a sense of unity and pride among everyone present marking a memorable and meaningful celebration of the nation's freedom.

The National Anthem was sung by the students and faculty members with great pride. Following the flag-hoisting ceremony, Dr, Emmy Prema delivered the patriotic speech.

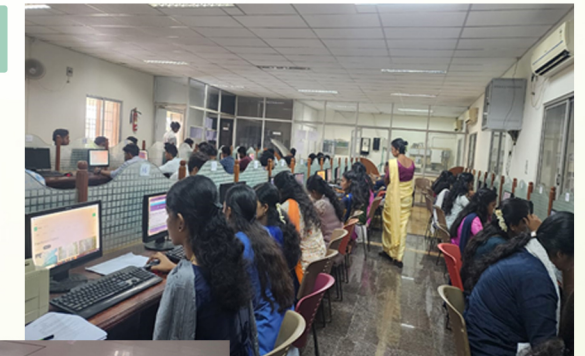## Motivational program on Entrepreneurship Promotional Activity for Outgoing Students

A motivational program entitled 'Entrepreneurship Promotional Activity' was conducted by the EDC cell. Mr. Edwin Thurai, AP/ECE introduced and welcomed the chief guest. The Resource Person Mr. K. Deebin, Founder and Managing Director of Kumari Shoppy, delivered a talk for all final year students of the Department of Mechanical Engineering and Automobile Engineering on campus. The students gained valuable information on how to achieve their goals. The program was splendid and will undoubtedly be useful for their future. Ajai R, IV Mechanical proposed a vote of thanks.

VALUE ADDED COURSES ON AUTOCAD

The course was inaugurated on 22.08.2022 at 09.00 a.m. with a prayer song by the college choir followed by a welcome address delivered by Mr. P.M.Eso Kumary Paul , AP/Civil.
The session was about the AUTOCAD. The Final year Civil Engineering students participated in this course and gained knowledge about AUTOCAD both theoretically and practically. Finally the event was concluded by conducting assessment and collecting feedback form from students on 17.09.2022.

Guest Lecture on Communication Competence in English

A guest lecture on 'English communication competency' organized by the Department of Science and Humanities was held on December 13, 2022. Mr. Saravanan inaugurated the session and Dr. C. Emmy Prema, Principal delivered the Presidential address. Dr. L. Judith Sophia began the presentation by defining communication competence and its importance in both personal and professional contexts. Strategies for improving key language skills, including speaking, listening, reading and writing, were discussed in detail. The lecture enhanced students' personal and professional growth by providing them with the skills and knowledge required to communicate successfully in English, enabling them to thrive in an increasingly interconnected and diverse world. The program concluded with the vote of thanks by Mrs. S. Austin Sweety.