

# ISTE QUIZ

The ISTE chapter of our college organized a quiz competition for its members. The quiz covered current affairs, general knowledge, and aptitude. Ms. Marly G, AP/CSE, the faculty in charge of the quiz session welcomed the resource person and the participants. Lecture was given by Mr. Vijay, AP/ECE. A total of 30 questions were asked, and the winners were awarded. The quiz program was very interesting and gave participants the opportunity to discuss current affairs and general knowledge.

The program concluded successfully with a formal vote of thanks by Aleesha Livingston, AP/ECE, to the resource person and all the participants.

The winners are,

Winners Batch	Student name	Class
1	Niju	III CSE
	Berby	
	Aswathy	
2	Asha Jincy	II CSE
	Aswathy	
	Jerlin	



## EDITORIAL TEAM

### CHIEF EDITORS

**Dr. N. Selva Raj**

**PRINCIPAL**

### ASSOCIATE EDITORS

**Dr. S.A Praylin Selva Blessy**

**Assoc. Prof./Dept. of ECE**

**Mr. M. Saravanan**

**HoD/Dept. of S & H**

### DESIGN

**Ms. Aleesha Livingston L**

**Asst. Prof./Dept. of ECE**

### STUDENT EDITORS

**Mr. Adharsh P.S**

**IV CIVIL**

**Ms. Akila D**

**IV CIVIL**

## TRAINING PROGRAM ON PERSONALITY DEVELOPMENT

A training Program on "Personality Development" was intended to empower participants with a comprehensive set of personality skills and leadership traits by emphasizing the significance of clear, influential, and ethical communication. Students recognized the need to further develop their communication skills in a professional setting.



## 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.

Phone : 04651 - 268466, 268655

mail@bethlahem.org, www.bethlahem.org



## NATIONAL LEVEL TECHNICAL SYMPOSIUM (MECHANIZE 2K19)

Bethlahem Institute of Engineering held a National Level Technical Symposium called "MECHANIZE 2K19" on September 19, 2019. Er. Jeyakumar Thomas, Ex. President of Space Engineer Association, VSSC & LPSC, graced the event, which saw enthusiastic participation from 63 external attendees. The inauguration ceremony began at 9:30 AM and included warm welcome remarks from Head of department, Prof. R. Jeya Raj. Er. Jeyakumar Thomas released the event's souvenir and was introduced by Prof. M. Abraham Suba Raj, highlighting his significant contributions to the field of technology and education.

The symposium consisted of three thrilling events: Paper Presentation, Technical Quiz, and Lathe Master. In the Paper Presentation event, around 17 papers were presented by talented participants. The first prize in this category was won by the teams from Stella Mary's College of Engineering in Aruthenganvilai, showcasing their exceptional research and presentation skills.

The Technical Quiz event was a great success with enthusiastic participation from around 32 students who tested their knowledge in various technical domains. The first prize was claimed by the teams from Mar Ephraem College of Engineering and Technology, Elavuvilai, who showcased their expertise in the field.

In the Lathe Master competition, approximately 15 students displayed their work piece, demonstrating their mass production abilities. The first position was secured by the students from Bethlahem Institute of Engineering, Karungal.

At the symposium, a scrumptious lunch was arranged for all the attendees, offering them a chance to interact with each other and gather energy for the afternoon sessions. The event ended with a valedictory function at 3:45 PM, where the Chief Guest, Er. Jeyakumar Thomas, presented prizes to the deserving winners and acknowledged their outstanding achievements.



The recent event was a huge success, thanks to the hard work and dedication of all participants, organizers, and volunteers. The national-level technical symposium, TECHNOMA 2K23, provided a platform for students to demonstrate their talents, learn from experts, and foster a spirit of innovation and collaboration. This event was a clear indication of the commitment of Bethlahem Institute of Engineering to nurture future technocrats and leaders. BioE look forward to hosting many such events in the future and continuing the journey towards excellence in technical education.

## ANALYSIS AND DESIGN OF FRAMED STRUCTURES

Guest Lecture

The Department of Civil Engineering conducted a seminar cum workshop on "Analysis and Design of Framed Structures" on July 19th, 2019, at Bethlahem Institute of Engineering. The resource person, Mr. Astin Jebalin, led the session, which was well received by the students. He addressed the students on effective analysis and design techniques, as well as on developing and maintaining skills in space management and creative modeling. He wrapped up the session by sharing ideas on how to advance in their careers in the field of civil engineering.

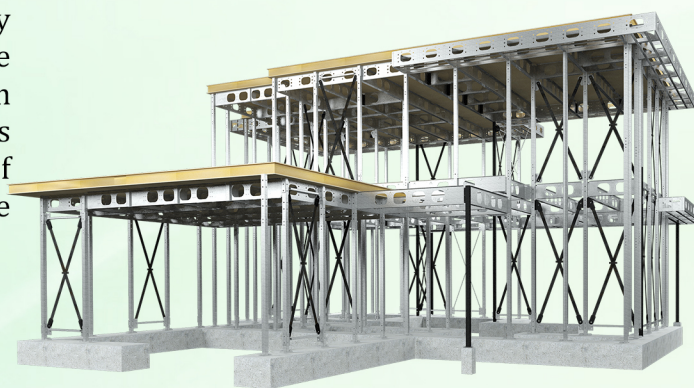




**GUEST LECTURE ON**

# Analysis of framed Structures

In civil engineering and architecture, framed structures are widely used as the foundation for buildings, bridges, and other infrastructure. Understanding the analysis of framed structures is essential for engineers and architects involved in design and construction projects. On July 16th, 2019, the Department of Civil Engineering organized a one-day guest lecture on "Analysis of Framed Structures" by Er. M. Murugan, Associate Professor at the Govt. College of Engineering, Tirunelveli. Ajeera A welcomed the gathering and Ahil P introduced the chief guest. The speaker covered the key topics such as analysis methods, structural loads, determinate and indeterminate structures, and stability analysis and equipped the participants with the knowledge and skills needed to analyze and design framed structures effectively and efficiently. The students gained a solid foundation in the principles and methods of structural analysis. The session came to an end with the vote of thanks by Aswin G.



## FRESHERS DAY

Freshers' Day is an informal event that marks the start of a new journey for students. During this event, they get introduced to the senior students, faculty members, and the institution as a whole. The scheduled date for this event is August 7th, 2019.

This is a social gathering that brings together juniors, seniors, guides, and teachers to help new students feel welcomed and comfortable as they begin their academic journey. The objective of the event is to spread love, warmth, enthusiasm, positivity, and courage. The program was successfully coordinated by Dr. D.P. Abhilash and his team from the Chemistry Department.



## ONAM CELEBRATION

On 7th September 2019, students and staff of the college celebrated Onam, showcasing their rich cultural heritage amidst great cheer.

The Program Coordinator Dr. Suma and his team successfully organized an event that provided everyone with an opportunity to experience the vibrant traditions.



**GUEST LECTURE ON**

# RECENT TRENDS AND TECHNOLOGY IN AUTOMOBILES

The automotive industry is undergoing rapid transformation driven by technological advancements, changing consumer preferences, and environmental concerns. A guest lecture on "Recent Trends and Technology in Automobiles" was conducted on 26-07-2019. The program started with the prayer song. The Head of the Department Mr. S. Siga Selvin welcomed the gathering. The Director (Academics) Dr. Rajidap Neshtar delivered the inaugural address. The Director Er. T. Isan gave the chief guest introduction. Dr. J. Edwin Raja Dhas gave a motivational talk and discussed the recent trends and technology in Automobiles. He also shared the importance of hard work and the value of time management to succeed in life. Students had a priceless chance to gain insights into the evolving automotive industry and contribute to the development of innovative and sustainable transportation solutions. Finally Prof. M. Roger Libin proposed the vote of thanks and the session ended with the National Anthem.



## MOCK INTERVIEW

### PLACEMENT AND TRAINING CELL



A mock interview was organized by the Placement Cell for all the final-year students. In order to provide a thorough simulation of a real job interview, the event was held at the Placement Cell on August 29th and 30th, 2019. The Mock Interview was conducted after each participant was assigned a time window for their interview. Through this exposure, participants were better able to adjust their preparation and comprehend what is anticipated in different types of interview scenarios. Following the completion of all the simulated interviews, the jury rendered its verdict and the top three candidates were chosen as the winners.

## TRAINING PROGRAM ON INTERVIEW SKILLS AND COMMUNICATION



A training program on Interview Skills and Communication was conducted from 01-07-2019 to 30-08-2019 for IV year Civil Engineering students. The resource person Ms. S. Austin Sweetie, Assistant Professor /ENGLISH demonstrated a clear understanding of the communication skills. Mrs. Ahino, AP/ENGLISH provided constructive activities and mock interviews to develop skills in the interviewing process. The interactive and participatory session of the training contributed to a positive learning experience, enabling participants to develop greater confidence and proficiency in their communication abilities.



## TRAINING PROGRAM ON INTERVIEW SKILLS AND COMMUNICATION

### MECHANICAL

A training program on Interview Skills and Communication was conducted from 01-07-2019 to 30-08-2019 for IV year Mechanical Engineering students. The resource person Mr. M Saravanan, AP/ENGLISH equipped the students with essential communication skills necessary for the academic and professional success. Through the sessions, the students developed the ability to express ideas clearly and confidently in an interview. Students benefited significantly from the resource person's guidance and support in developing their interview skills and communication proficiency.



### AUTOMOBILE



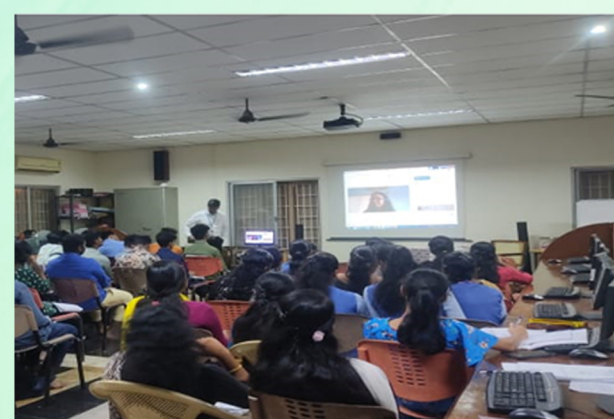
A training program on "Interview Skills and Communication" was conducted from 1.07.2019 to 30.08.2019 for IV year Automobile Engineering students. The program was designed to empower participants to convey their ideas effectively in an interview. The resource person Mr. Gladson D, AP/AUTO, enlightened the students through presentation and hands-on activities and made them to realize the value of interpersonal relationships. The session not only enabled the students to excel in their careers but also to prepare them for leadership roles.

## INFORMATION TECHNOLOGY

A training program on "Interview Skills and Communication" was organized by the Placement Cell from 1.07.2019 to 30.08.2019 for IV IT students. Active listening techniques were discussed by Ms. S. Austin Sweetey, AP/ENGLISH to increase the confidence of the students and their ability to navigate interviews and communicate effectively. The training sessions fostered a supportive learning environment conducive to growth and improvement.



### CSE



IV year CSE students participated in a training program on Interview Skills and Communication from July 1, 2019, to August 30th, 2019. Mr. M. Saravanan, the resource person, presented a detailed comprehension of the communication skills. To improve interviewing abilities, Mrs. Sandhya offered helpful exercises and mock interviews. Participants had a pleasant learning experience as a result of the training's dynamic and participative session. The training enabled the students to become more proficient and confident communicators.

## VALUE ADDED COURSES ON JAVA PROGRAMMING

A value-added course on JAVA Programming was conducted for the second and third-year ECE students from July 6, 2019, to August 17, 2019, with sessions held every Saturday. The inauguration took place on July 6, 2019, at 09:00 A.M., marked by a prayer song performed by the department choir, followed by a welcome address delivered by Dr.S.A.Praylin Selva Blessy, Assistant Professor in the Department of Electronics and Communication Engineering.



The course focused on fundamental topics in Java programming, and Mr.V.K.Bibin served as the resource person. Java is recognized as a crucial language for networking, especially in data centers facilitating the storage and transfer of web-based data.

The event concluded on August 17, 2019, with assessments conducted to gauge the participants' understanding, followed by the collection of feedback forms from the students. Certificates were subsequently distributed to the participants based on their performance in the assessments.

## ESTONIEA 2K19 NATIONAL LEVEL TECHNICAL SYMPOSIUM DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

The Department of Electronics and Communication Engineering of our institution organized a National Level Technical Symposium called ESTONIEA19 on August 22nd, 2019. The symposium was held in the college Seminar Hall from 9:30am to 4:00pm and aimed at providing students with innovative ideas on the current trends in Electronics and Communication.

The event commenced with an invocation song, followed by a welcoming address from the Head of the Department. The Symposium Coordinator, Dr. C. Emmy Prema, subsequently presented the Association Report. The Director, Er. T. Isan, delivered the Presidential Address, while the Director (Academics), Dr. R.I. Rajidap Neshtar, provided the inaugural address. Finally, Prof. R. Jeen Retna Kumar introduced the Chief Guest, who spoke about the Global Industrial Scenario.

At the ESTONIEA19 symposium, the chief guest discussed current trends in Electronics, job opportunities, and the importance of communication skills. The Director of Academics presented a memento to the Chief Guest as a token of appreciation. After the inaugural session, Dr. S.A. Praylin Selva Blessy proposed a vote of thanks, and the event continued with paper presentations and quiz session. Students from various colleges presented their innovative ideas through their presentations.

The Valedictory function commenced at 3:00 pm, where R.K. Rintu Raj, the Student Secretary of IV year, welcomed the gathering. The winners were felicitated with mementos, and all participants received participant certificates. Students from various colleges shared their experiences about ESTONIEA19. S. Farziya Fathima, the Student Joint Secretary of III year, proposed the vote of thanks, and the symposium concluded with the National Anthem.





# INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE) QUIZ PROGRAM



The ISTE chapter of our college organized a quiz competition for its members. Ms. Marly G, an Assistant Professor of Computer Science and Engineering, managed the quiz and welcomed the participants and the resource person. Mr. Vijay, an Assistant Professor of Electronics and Communication Engineering, delivered the lecture. The quiz questions were related to current affairs, general knowledge, and aptitude. The winners were awarded prizes, and the quiz program provided an excellent opportunity for discussing current affairs and general knowledge. The program concluded successfully with a formal vote of thanks to the resource person and all the participants.



## MOTIVATIONAL TALK ON SIGARAM NOKKI SIRAKAI VIRIPOM



Sigaram Noki Siragai Viripom was a transformative motivational program aimed at inspiring individuals to pursue their dreams, overcome obstacles, and achieve their full potential. Shri. Kumari Athavan, (Tamil Writer, Poet) was the Chief Guest of this program. He placed a strong emphasis on how students should manage failure, set high goals, and make decisions. By exploring the key themes of defining success, goal setting, mindset mastery, and resilience, participants gained valuable insights and tools to navigate their personal journeys to success with confidence and determination. The program ended with the National Anthem.

## CAREER TALK ON HIGHER STUDIES OPPORTUNITIES

A career talk on "Higher Studies Opportunities" was conducted on September 06, 2019 at 10.30 a.m. in the seminar hall. The program started with the welcome



address by Mr. P. Libin Jacob, AP/CSE followed by the Felicitation address by Dr. N Selva Raj, Principal. The program was organized to provide students with insights into various avenues for pursuing advanced education, including postgraduate degrees, professional certifications, and research programs. Ms. Antonet, the speaker, emphasized that a student's academic ranking is not the only factor that matters for a successful future career—effective communication skills are also crucial. The session offered the guidance and resources to explore and pursue advanced education options after undergraduate studies. The program concluded with a vote of gratitude from Abinaya M, IV ECE.

## TRAINING PROGRAM ON INTERVIEW SKILLS AND COMMUNICATION

IV year EEE students participated in a training program on Interview Skills and Communication from July 1, 2019, to August 30, 2019. Mr. M. Saravanan, the resource person, offered the interview formats and conducted mock interviews. The vibrant and interactive training session made for a great learning experience for the participants. The training enabled the students to become more proficient and confident communicators.



### *Spot Photography*



The Spot Photography Competition event was held at Bethlahem Institute of Engineering at 2:00 p.m. on July 15, 2019. The students actively participated and showcased their talents, making the event a grand success. The best student was awarded by the Principal.

### *Debate*

The Debate Competition took place at Bethlahem Institute of Engineering at 2:00 p.m. on July 26, 2019. The students participated enthusiastically, showcasing their talents and contributing to the success of the event. Winners were awarded by the Principal.



### *Vegetable Carving*



On August 9, 2019, the Bethlahem Institute of Engineering organized a 'Vegetable Carving' event. The students actively participated, showcasing their talents and contributing to the event's grand success. The best team was awarded by the Principal.

### *Solo Dance*

The event, Solo Dance Competition, was held at Bethlahem Institute of Engineering at 2.00 p.m. on October 15, 2019. The students participated enthusiastically, showcasing their talents and contributing to the grand success of the event. The best student was awarded by Principal.



### *Choir*

The Choir Competition event took place at Bethlahem Institute of Engineering at 2:30 p.m. on December 20, 2019. The students participated actively, showcasing their talents and making the event a grand success. The best student was awarded by the Principal.



### *Quiz*

The Quiz Competition event was held at Bethlahem Institute of Engineering at 1:30 p.m. on September 14, 2019. The students actively participated and showcased their talents, making the event a grand success. The best team was awarded by the principal.





## EXPERT TALK ON UNDERSTANDING AND NAVIGATING INDUSTRY REGULATIONS AND COMPLIANCE



The Placement and Training Cell organized an expert talk on entitled "Understanding and Navigating Industry Regulations and compliance" at BioE on 02-07-2019. The Program Coordinator Mr.Libin Jacob, AP/IT, introduced the guest of honour. Anish. C, III CSE delivered a welcome speech and handed over the session to the Resource Person Dr.M.C.Jobin Christ, Professor, Rajalekshmi Engineering College Chennai. He shared his valuable insights on the relevant topic among the students. He stressed out the importance of understanding industry regulations and compliance frameworks. The session was highly beneficial for the students. The conference concluded with a formal Vote of thanks proposed by Alin Lijo, III CSE

## ROAD SAFETY AWARENESS

Our Institution conducted Road Safety Awareness Program on 11th July, 2019 between 2:00 p.m. to 4:00 p.m. in the College Auditorium to promote awareness on road safety among the students. On this occasion Shri. E. Karthick IPS, Assistant Superintendent of Police, Colachel was the Chief Guest. The program started with Tamithai Vazhthu. The Director(Academics) Dr. Rajidap Neshtar welcomed the gathering and the Director delivered the Keynote Address. The Chief Guest Shri. E. Karthick IPS, emphasized on the traffic rules and regulations which are commonly neglected by citizens which cause major accidents. The students performed various cultural programs highlighting the need of Road Safety. The celebrations concluded with the Vote of Thanks by Dr. Abhilash. D. P., Head of the Department/Chemistry, followed by the National Anthem.



## Motivational Talk Life and its Significance

A motivational talk on "Life and its Significance" was held on 30th July, 2019 at 10.00 a.m. Ms. R. P. Shyni Vinse, AP/IT delivered the welcome address. Mr. D. Shine Rajesh, HoD/IT introduced the chief guest and Dr. R. I. Rajidap Neshtar, Director(Academics), delivered the inaugural remarks. The resource person Dr. R. Edwin Raj, Professor, St. Xavier's Catholic College of Engineering, Chunkankadai, delivered an effective speech on Life and its significance. Presenter discussed the importance of positive thinking and attitude which brings optimism into life. The students were very enthusiastic in absorbing his delightful words. The program was successfully concluded with a formal vote of thanks by Gifita, Final year IT. Thereafter, Vote of thanks was proposed by Ms. P. Abitha Rose, AP/IT.



## JOURNAL Published



### ABRAHAM SUBARAJ.M

An Effect of Wear Behaviour on B4c Particles Reinforced With Ai-Si Alloy Prepared Through Powder Metallurgy Method Using Response Surface Methodology

ISSN NUMBER : 2249-6890

JOURNAL NAME

International Journal of Mechanical and Production Engineering Research and Development (IMPERD)

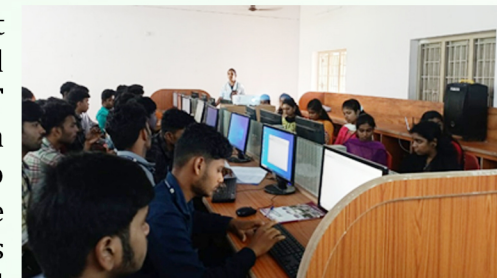


An Anti-Ragging awareness program was conducted in the institute, and Mrs K. Pon Devi, Sub-inspector Karungal, was the chief guest for this awareness program. In her motivational speech, Mrs K. Pon Devi explained how to identify ragging activities and emphasized the role and responsibility of the Anti-Ragging squad & ARC. The program aimed to encourage the students to cooperate with the anti-ragging committee to keep the campus ragging-free.



## Value Added Course on Digital Marketing

The IT department organized a Digital Marketing course at IIT Bombay Remote Center on Saturdays from 6th July to 10th August 2019. The course had 16 students from the second and third



years of the Information Technology Department. Ms. Abitha Rose P (AP/IT) taught about digital marketing and its uses. The program concluded with a formal vote of thanks by Dhaneesha V, a third-year IT student, to the resource person and all the participants.

## GUEST LECTURE ON RECENT TRENDS IN POWER SYSTEM

The power sector is undergoing significant transformation driven by technological advancements, regulatory changes, and environmental considerations. A guest lecture on Recent trends in Power System was conducted on 17-07-2019 to provide students with insights into the latest trends and innovations shaping the future of power systems. The program started with prayer song. The Head of the Department Ms. Christal Saji K welcomed the gathering. The Director (Academics) Dr. Rajidap Neshtar, delivered the inaugural address. The Director Er. T. Isan gave the presidential address. Er. E. David Jebasingh gave an overview of recent trends and developments in the power sector, including renewable energy integration, grid modernization, and digitalization. The session inspired the students to explore career opportunities in power systems and contribute to the transition towards a more sustainable and resilient energy future. Finally Prof. Sugad Singh gave vote of thanks.

## Anti-Ragging Awareness Program





# INDEPENDENCE DAY- 15<sup>th</sup> AUGUST 2019

On 15th August 2023, Bethlahem Institute of Engineering celebrated the 73rd Independence Day with great enthusiasm. The Director, Er. T. Isan, along with the Academic Director, Dr. R.I. Rajidap Neshtar, and the Principal, Dr. Selvaraj were the guests of honor. They hoisted the national flag at the college premises, and everyone saluted the flag.

The event took place in the seminar hall where Mr. E. Ishan addressed the audience and spoke a few words about the significance of the day. The Principal expressed his gratitude towards all the staff members and the Student Committee for their efforts in making the event a success. The program concluded with the National Anthem.



# VALUE ADDED COURSE ON DIGITAL MARKETING

The Value Added Course on "Digital Marketing" for II and III-year IT students commenced on 06.07.2019 at 09.00 a.m. The event began with a prayer song performed by the department choir, setting a positive tone for the program. Ms. R.P.Shyni Vinse, AP/IT, delivered the welcome address. The course was facilitated by Ms. P. Abitha Rose, AP/IT, who served as the resource person throughout the duration of the program.

Ms. P. Abitha Rose, AP/IT, provided comprehensive insights into various aspects of digital marketing, including emerging technologies, consumer behaviours, and market dynamics. Attendees were empowered to adapt their marketing strategies in alignment with these evolving trends, ensuring relevance and effectiveness in their approaches. The course came to an end on 17.08.2019 with the assessment of participants' learning outcomes and the collection of feedback forms.

Certificates were distributed to the participants based on their performance in the assessment. The feedback collected will be instrumental in refining future iterations of the course to meet the needs and expectations of students.



# Table Tennis

The sports event 'Table Tennis' was conducted at Bethlahem Institute of Engineering at 2.30 p.m. on September 30, 2019. The students actively participated and contributed to the success of the event. The principal honoured the best student at the event.



# DRUG AWARENESS



The institute conducted a drug awareness program under NSS UNIT. The resource persons for this awareness session were Mr. L.H. Harish, the Managing Director of Sarangam Green Pvt. Ltd., and Mr. K. Harikrishnan, the Former Assistant General Manager of HR for Housing and Urban Development Corporation. In his inspirational address, Mr. Harikrishnan stated that 10 drug-related suicides occur in India each day. Additionally, he mentioned that a central government survey showed that the great majority of young people are exposed to drug and alcohol. Participants felt empowered to make positive choices regarding drug use and gained knowledge about available resources and support networks for recovery and rehabilitation.

# VALUE ADDED COURSE ON PRIMAVERA P6



The course was inaugurated on 14-7-2018 at 09.00 a.m. with a prayer song by the college choir followed by welcome address delivered by Mrs. P.Sharmini, AP/Civil.

The session was about the Primavera p6. The second and third year Civil Engineering students participated in this course and gained knowledge about Primavera P6 both theoretically and practically. Finally, the event was concluded by conducting assessment and collecting feedback form from students on 17-08-2019.

# ONE DAY SEMINAR CUM WORKSHOP

In order to excel in analysis and design, it is important to develop and maintain skills in space management and creative modelling techniques. As a student, one should aim to independently design and develop a framed structure using modelling software. This will help them gain knowledge about designing slabs, beams, columns, and footings, as well as rendering processes using advanced features in modelling software. Additionally, students will gain a thorough understanding of how to develop their career in the field of civil engineering.

# HEALTH CAMPS

The 'Health Camp' organized on September 8, 2019, by the National Service Scheme is integral to the commitment to community well-being. The event was a resounding success, witnessing active participation from a significant number of attendees. These initiatives involve comprehensive healthcare services provided to underserved populations, with a focus on medical check-ups, vaccinations, and health education. These camps serve to address immediate health concerns, create awareness about preventive health measures, and provide access to essential medical services. By conducting health camps, BIoE aims to improve the overall health and well-being of our community, with an emphasis on reaching those who may have limited access to healthcare services, thereby fostering a healthier and more resilient society.





# VALUE ADDED COURSES ON EFFECTIVE COMMUNICATION SKILLS DEVELOPMENT

On August 10th, 2019, at 9:00 a.m, Add on course was inaugurated with a prayer song performed by the college choir, followed by a welcome address delivered by Ms. Austin Sweet, 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 October 5th, 2019, with an assessment and collection of feedback forms from the students.



## CAREER GUIDANCE ON GATE EXAM



A Career Guidance on GATE Exam was conducted on 16-08-2019 by Dr. N. C. J. Packia Lekshmi, AP, Noorul Islam Centre for Higher Education at 10.30 a.m. Jabashini, a final-year ECE student, gave the opening remarks for the session. Principal Dr. N Selva Raj, then gave the Felicitations. The resource person, Dr. N. C. J. Packia Lekshmi, shared valuable insights into effective preparation strategies, study materials, and online resources and also emphasized the significance of a structured study plan, consistent practice, and the utilization of mock tests for performance evaluation. The seminar equipped the participants with the knowledge and motivation to embark on the GATE journey with confidence and determination. Final-year Civil Engineering student, Abina gave the formal vote of gratitude to conclude the meeting.

## VALUE ADDED COURSES ON WORD PRESS

Value added course on WordPress, was conducted for the second and third year CSE students from 06-07-2019 to 31-08-2019 (every Saturday). The course was inaugurated on 07-09-2019 at 09.00 a.m. with a prayer song by the department choir followed by the welcome address delivered by Ms. S. Sobin Soniya, AP/CSE. The resource person is Ms. Sindhu Bala P, Trainer, CADPOINT, Marthandam. They covered basic topics of WordPress and in this course the students gained knowledge about how to easily build websites and publish content online in both theoretically and practically. Finally the event was concluded by conducting assessment and collecting feedback form from students on 07-09-2019. Based on the assessment, certificates were given to the participants.



## CAREER GUIDANCE ON IELTS

A Career Guidance on IELTS Exam was conducted on 21-09-2019 at 11.00 a.m. by IT Desk, Marthandam. All the third year students participated in session. The session started with the welcome address by Femina D, III year ECE student, followed by the Presidential address by Dr. N Selva Raj, Principal. The speaker, Mr. Siva Sakthi offered a detailed explanation of each section (Listening, Reading, Writing, Speaking) and their requirements. The session quipped students with the necessary skills, strategies, and confidence to achieve their desired scores in the exam. Sree Jayaraman D, II year information technology student, gave a vote of gratitude to close the program.



## VALUE ADDED COURSE ON SOLIDWORKS ESSENTIALS



The course was launched on July 6, 2019, at 9:00 A.M. with a prayer song performed by the college choir, followed by a welcome address delivered by Mr. Amala Prabin, AP/MECH. The session focused on the introduction to SolidWorks Essentials Design software. Throughout the course, second- and third-year Mechanical students gained theoretical and practical knowledge about SolidWorks Essentials. On August 17, 2019, the event concluded with an assessment and the collection of student feedback forms.

## VALUE ADDED COURSE ON ETAP

Value added course ETAP, was conducted for the Third and Final year EEE students from 06-07-2019 to 17-08-2019 (every Saturday). The course was inaugurated on 06-07-2019 at 09.00 a.m. with a prayer song by the department choir followed by the welcome address delivered by Mrs. A.P.Herlin Rose AP/EEE. The resource person Mr. Dhanu K S covered basic topics of ETAP. ETAP is the most powerful software in the area of Electrical Power systems. Using this software students can design and analyze power system from the source of power to all the way to the loads connected to it. Finally, the event was concluded by conducting assessment and collecting feedback form from students on 17-08-2019. Based on the assessment, certificates were given to the participants.



## VALUE ADDED COURSE ON SOLID EDGE



The course on SOLIDEDGE design software was inaugurated on September 3rd, 2022 at 9:00 AM with a prayer song by the college choir. Mr. C. Aruljerman, Ap/MECH, delivered the welcome address. The course was attended by second and third-year mechanical students who gained knowledge about SOLIDEDGE design software both theoretically and practically. The event concluded with an assessment and collection of feedback forms from the students on August 17th, 2019.



## INVITED TALK



The Department of Electrical and Electronics Engineering organized an Invited Talk to enlighten the students' academic, personal, and social growth on 17th July, 2019. The Guest Speaker Er.E.David Jeba Singh Superintending Engineer, TANGEDCO, Nagercoil delivered a motivational talk insisting Hard Work, Time Management and Character Building. The Head of Department Prof.K.Christal Saji along with Program Coordinator Prof.N.R.Belston Raja and staff members successfully organized the event.

## BRIDGE COURSE

The Department of Science and Humanities conducted the inaugural session of the Bridge course on 24th July, 2019. The session started with invocation following which the Director (Academics) Dr.R.I.Rajidap Neshtar delivered the inaugural address and interacted with the students. A few ice breaking activities were conducted and students were honoured with mementos. The Head of Science and Humanities Prof.M.Saravanan along with the Program Coordinator Prof.A.Little Mary and the staff members arranged the program.



## CAREER COUNSELLING ON EMPLOYABILITY SKILLS FOR THE FUTURE

In a time of swift technological progress, globalization, & changing employment landscapes, equipping students with the needed employability skills for future is paramount. Acknowledging this necessity, our Institution conducted a career counseling program on fostering employability skills tailored to the demands of the contemporary workforce. The program started with the welcome speech by Mr. Santhosh, AP/Mech followed by the Presidential address by Dr. N Selva Raj, Principal. The speaker, Mr. Arun delivered his talk focusing on the skills which could be adopted by the students for employment generation and also gave an extensive analysis of various career options for a successful future. The session empowered individuals to enhance their employability skills and achieve their career aspirations. The program ended with a formal vote of thanks by Abinеш. R, III-year Mechanical student.



## NATIONAL LEVEL SYMPOSIUM

The Department of Information Technology organized a National Level Technical Symposium TAQNIA 2K19 on 9th August, 2019. The Chief Guest Dr.R.P.Anto Kumar, Professor, St. Xavier's Catholic College of Engineering, Chunkankadai highlighted the Industrial Revolution and gave ideas for the students to gain practical Knowledge. The Head of Department Prof.D.Shine Rajesh along with Program Coordinator Prof.S.Sajitha Kumari and staff members arranged all the necessities of the program.



## SYMPOSIUM

The Department of Mechanical Engineering organized a National Level Technical Symposium MECHANIZE 2K19 on 18th September, 2019. The Chief Guest Er. Jeyakumar Thomas, Group Head of RQA, Group of LPSC, ISRO motivated the students to learn the fundamentals and establish an inter-disciplinary collaboration among them. The Head of Department along with the Program Coordinator and staff members organized this event.



## CHRISTMAS DAY

On December 20th, 2019, the staff and students celebrated the Christmas festival with great enthusiasm. The program started with a thanksgiving prayer to the Lord Almighty. The celebrations included a variety of performances by the students. The English Department's Program Coordinator, Prof. M. Saravanan, and his team of staff members successfully organized the event.



## INDUSTRIAL VISIT & EDUCATIONAL TOUR



An industrial visit was organized for the Final year Mechanical Engineering students on 01st August, 2019. The students were taken to Kerala automobiles, a well-known manufacturing company for Automobiles (both electrical and conventional) in Neyyattinkara. The industrial visit served the students to learn the functioning of the automobile components.



The Department of Computer Science and Engineering and Information Technology organized an Educational Tour for Third year students to Mysore and Bangalore from 19th to 23rd August, 2019 to get relieved from their mental stress. Students experienced the life style and technological developments in these areas.



The Final year Electrical and Electronics Engineering students had an educational excursion from 04th to 08th August, 2019. They visited Mottakkunnu, Pine Forest, Kurushumala, Munnar, Idukki Dam, Echo point at Munnar, Wonderla (Kochi), Lullu Mall and Alappuzha. They had fun and enthusiasm during these days.



The Department of Electronics & Communication Engineering organized an industrial visit to Kudankulam Nuclear Power Plant on 13th September, 2019 for the Second year M.E. Communication Systems students and Final year UG students. This visit provided more information about the types of nuclear reactor and types of generator used for generating electricity.



An educational tour to Mysore, Bangalore and Hogenakkal was organized by the Electronics and Communication Engineering Department from 7th to 11th August, 2019 for UG and PG students. The students gained more knowledge about the traditions and technologies.



The Dept. of Civil Engineering organized an educational trip to various places to enrich the students and to take learning beyond the four walls of the classroom. The Second year students had an educational trip to Munnar and Wonderla Kochi from 20th to 23rd August, 2019. The Third year students visited Ooty, Bangalore and Coorg from 20th to 24th August, 2019 and the Final year students went to Delhi, Agra, Manali and Punjab from 20th to 24th August, 2019.