Seminar on "Basics of Verbal and Aptitude program in Technical English"

A seminar on "Basics of Verbal and Aptitude Program in Technical English" was organized by the Placement and Training Cell at Bethlahem Institute of Engineering, Karungal, on September 8, 2021. Mr. Arul Edwin Raj, AP/ECE, welcomed the Resource Person and introduced the program. The presidential address was delivered by the Principal Dr. Jerald Jeba Kumar. The lecture was given by Mr. Saravanan, AP/S&H. The session was very informative. The program was successfully concluded with a formal vote of thanks by Anjali Surendran from the first year of ECE.



VOLLEY BALL

(MEN'S)

The men's volleyball tournament was conducted at Bethlahem Institute of Engineering on 26th November, 2021. Students ardently joined, and showcased their talents. The principal awarded the best students for their outstanding performance.



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COLLEGE VISION

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

COLLEGE MISSION

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- * 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

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BETH CHRONICLES THE OFFICIAL NEWSLETTER OF BETHLAHEM INSTITUTE OF ENGINEERING JULY 2021 TO DECEMBER 2021

VOLUME 6, ISSUE 1

6 DAYS INTERNSHIP PROGRAM ON "MACHINE LEARNING **USING PYTHON"**



The second-year students of Computer Science and Engineering have recently completed a six-day internship program on "Machine Learning Using Python" from October 4th, 2021 to October 9th, 2021. The course aimed to provide the students with a comprehensive understanding of machine learning concepts and practical applications using Python programming. Dr. B. Ezhilavan, the Founder and CEO of VEI Technologies Pvt Ltd, Chennai, facilitated the course. With his vast industry experience and expertise in machine learning technologies, Dr. Ezhilavan delivered insightful lectures and hands-on sessions that greatly enriched the students' learning experience. The event was coordinated by Mr. Libin Jacob. The internship program aimed to equip students with the skills and competencies required by the industry in the field of machine learning, thereby enhancing their employability and career prospects.

APTITUDE TRAINING PROGRAM

The Placement and Training Cell conducted an Aptitude Training Program for all final-year students on November 15, 2021 in the seminar hall. The event commenced with a welcome address by Ahisha Blessy, a fourth-year CSE student followed by a speech from Dr. Jerald Jeba Kumar, the Principal. Mr. Gokul, the instructor provided students with essential skills needed for success in their academic, professional and personal pursuits. The session helped students develop a growth mind-set and foster a positive outlook on learning and self-improvement. The event concluded with a formal vote of thanks given by Aswathy, a fourth-year Civil Engineering student



Awareness on

Graduate Management Admission Test

The Placement and Training department conducted a special session on 25-08-2021 at 10.00 a.m. for students to bring awareness about GMAT exams. The session started with the welcome speech by Mr. Arul Edwin Raj, AP/ECE followed by the felicitation address by Dr. Jerald Jeba Kumar, Principal. The speaker Mr. Rajesh Kumar gave a detailed overview of the GMAT examination covering aspects such as its structure, format, sections (Analytical Writing Assessment, Integrated Reasoning, Quantitative Reasoning, and Verbal Reasoning), scoring system and the significance of GMAT scores in the admissions process of graduate management program. The program succeeded in enhancing students' awareness and understanding of the GMAT examination. Finally, the session concluded with a formal vote of thanks by Beena Jhonsy, III-year IT student.



COMMUNICATION SKILLS DEVELOPMENT PROGRAM



The Placement and Training Cell organized a Communication Skills Development Program from September 11, 2021, to December 4, 2021. The Program Coordinator, Mr. Arul Edwin Raj, delivered the welcome address. The resource persons, Mr. Saravanan and Ms. Austin Sweety, Assistant Professors from the English department conducted the sessions through practical exercises, training in public speaking and presentation skills. Improved communication skills not only help individuals excel in their careers but also prepare them for leadership roles by emphasizing the importance of clear, persuasive & ethical communication

LOGIC TRAINING "C-PROGRAM ADVANCED The Placement and LEVEL"

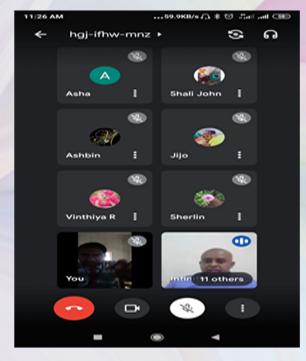
Training Department conducted advanced - level Logic Training on C Programming for all second-year students on November 10, 2021, at 10:00 a.m.



The training began with a welcome address by Mr. Arul Edwin Raj, Assistant Professor of ECE, followed by a presidential address by Dr. Jerald Jeba Kumar, the Principal. The trainer, Mr. Rajesh guided the students through advanced topics in C programming, including data structures, algorithms, pointers, memory management, file handling and dynamic memory allocation. The training concluded with a formal vote of thanks given by Caxton, a second-year Automobile Engineering student

Virtual Power Seminar on Essential Interview Skills

A Virtual Power Seminar on "Essential Interview Skills" took place on August 28, 2021, hosted by Bethlahem Institute of Engineering. Mr. Arul Edwin Raj, Associate Professor/ECE welcomed and introduced the Resource Person. Mr. Imran Ahamed, Director of Infinite Edge Training and HR Solutions delivered an enlightening speech on essential interview skills, helping students enhance their abilities and face interviews with confidence. The program concluded with a vote of thanks delivered by Ms. J. K. Henilin, AP/CSE.



DENTAL CAMP

On November 19, 2021 the National Service Scheme of Bethlahem Institute of Engineering, Karungal orchestrated a one-day free medical camp for the public's benefit. The event was inaugurated by the NSS Program Officer and the Principal delivered the welcome address. With an impressive turnout of over 100 attendees, the camp distributed essentials such as toothbrushes, toothpaste and medications at no cost. The NSS volunteers played a pivotal role in ensuring the camp's success demonstrating

unwavering dedication in their service to the community, effectively directing individuals towards the assistance they required.



DANCE COMPETITION (GROUP)

In view of Christmas Day, a group dance competition was conducted on December 21, 2021. Students participated enthusiastically, and each performance promised to add a unique touch to the celebration.



QUIZ COMPETITION

A Quiz Competition was conducted on October 15th, 2021, at 02.30 p.m. Students' active participation not only showcased their talents but also played a pivotal role in the resounding success of the event.



VEGETABLE CARVING

The vegetable carving event was successfully conducted on November 3, 2021 at 2:00 p.m. The students demonstrated their skills and active participation which greatly contributed to the success of the event. Following careful consideration, the principal awarded the most outstanding team in recognition of their achievement.



ESSAY WRITING

The Essay Writing (English) competition held on October 1st, 2021, marked as a grand success. The students actively participated and exhibioted their talents.



DRAWING COMPETITION



In View of Cultural Day, drawing competition was conducted on Sept. 3, 2021, at 2:00 p.m. The event was a resounding success, because of the enthusiastic participation of students. The competition reached new heights as students presented their creative works.

Essay Writing (Tamil)

An Essay Writing competition was conducted on September 5, 2021, at 02.30 p.m. The active participation of students highlighted their talents and significantly contributed to the success of the event.



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BETH CHRONICLES

MIME COMPETITION

A Mime Competition was conducted on August 20, 2021. The active involvement of the students contributed to the event's success.



SINGING COMPETITION

The singing competition held on July 6, 2021, was a grand success, attracting a large number of participants from various departments. The event showcased a diverse range of musical talents with participants delivering impressive performances that captivated the audience.



Never let go of your dreams

Dream BIG, Set GOALS, Take ACTION

VALUE ADDED COURSE ON EFFECTIVE COMMUNICATION SKILLS DEVELOPMENT

The Value Added Course on Effective Communication Skills Development was inaugurated on November 13, 2021, at 9:00 a.m. in the Communication Lab. The session commenced 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, and students were provided with insights to enhance their communication skills. The event concluded on December 18, 2021, with an assessment and the collection of feedback forms from the students.



CAREER COUNSELLING ON

"Growth Potential and Job Opportunities"

A career counseling session on "Growth Potential and Job Opportunities" was conducted in the Seminar Hall on 30th August 2021 at 10:00 a.m. The session aimed to provide insights into the various career paths



available to students and the growth prospects associated with each. It began with a welcome address by Mr. A. Arul Edwin Raj, AP/ECE, followed by a felicitation address by Dr. Jerald Jeba Kumar, Principal.

The speaker Mr. Senthil Kumar, provided an overview of current job market trends, including emerging industries and in-demand skills. Strategies for acquiring new skills and staying updated with industry trends were also discussed. Students gained a better understanding of the skills and qualifications required to succeed in their chosen fields. The session concluded with a formal vote of thanks delivered by Mr. Roger Libin M (AP/Auto), who expressed gratitude to the speaker, organizers and participants for their active participation and contributions to the success of the event.

CAREER COUNSELLING ON SWOT ANALYSIS



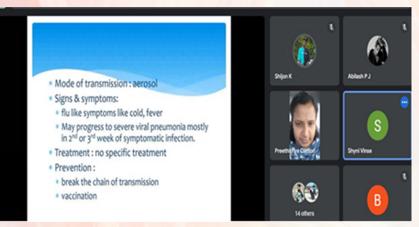
A Career Counseling seminar on "SWOT Analysis" was conducted on September 22, 2021, at 10:30 a.m hosted by the Placement and Training Department. The session began with a welcome note from Mr. Arul Edwin Raj, AP/ECE followed by a presidential address by Principal Dr. Jerald Jeba Kumar.Mr. Kannan, the speaker discussed typical threats and challenges individuals encounter in their professional lives and provided advice on how to mitigate risks and overcome barriers. By understanding their strengths, weaknesses, opportunities and threats, students gained valuable insights into their prospective careers and strategies for achieving their career goals. The session concluded with a formal vote of thanks delivered by Mr. M. Santhosh, AP/Mech.

INDEPENDENCE DAY

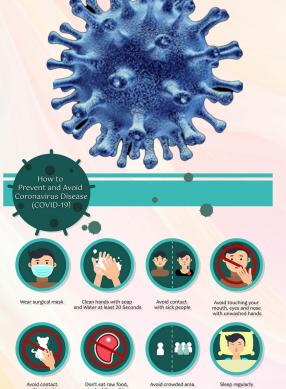
Bethlahem Institute of Engineering celebrated the 75th Independence Day on August 15, 2021 at 8:00 am with great enthusiasm and patriotic fervour though it was a Sunday. The Principal, Dr. Jerald Jebakumar and the Director, Mr. Ishan were among the guests who arrived earlier. At the college grounds, the dignitaries raised the national flag and paid their respects to it. The ceremony ended with the national anthem.



COVID AWARENESS PROGRAM



A COVID awareness program was conducted on August 19, 2021. The program coordinator Mr. Edwin Thurai delivered the welcome address and introduced the chief guest. The Resource Person Dr. Preethithya MBBS., RAM Hospital Eraviputhoorkadai, led the session with her excellent talk on Covid 19 and its impact. Students were educated about the virus and taught about the necessary measures to take in order to prevent any infections. The program also helped them identify the symptoms and follow the recommendations provided by the Indian Council of Medical Research and the World Health Organization. The students found the program to be very informative and beneficial.



Seminar on Google's Bigtable

A guest lecture on "Google's Bigtable" was conducted at 11:30am on 12-08-2021. The welcome speech was presented by Ms. Henilin JK (AP/CSE) and Mr. Sreerag from Bridge Software Solutions, Japan gave the lecture. The speaker gave insights on distributed storage system for structured data, Cloud Bigtable, HBase database and NoSQL Database design.



He also provided the guidelines and best practices for schema design in Bigtable, including column families, column qualifiers and row keys. Students gained a comprehensive understanding of Bigtable, its architecture, key features and real-world applications. Kesiya of III CSE gave the official vote of appreciation to adjourn the meeting.

GUEST LECTURE ON ANALYSIS AND DESIGN OF MULTI STORAGE FRAMED STRUCTURES



The Department of Civil Engineering organized an insightful guest lecture on "Analysis and Design of Multi Storage Framed Structures" on 17.9.2021 to equip students with the advanced techniques and best practices in structural analysis. The program commenced with a word of prayer by Anto Vidson, II Civil and welcome address by Hilda S, II Civil. The resource person Dr. M. Murugan, AP/Civil, Government College of Engineering, Tirunelveli introduced sophisticated software tools that

assist in creating and evaluating building designs. The blend of traditional and modern techniques gave participants insightful knowledge on how to create safe and effective buildings. The program concluded with a vote of thanks proposed by Ms. Esho Kumari Paul, AP/Civil.

A Plastic Eradication program was conducted under the auspices of the National Service Scheme (NSS) on July 15, 2021. The program highlighted the detrimental effects of plastic pollution on ecosystems and communities, emphasizing its impact on livelihoods, food production and social well-being. In addition to addressing plastic pollution, the program also emphasized the importance of prevention, intervention and rehabilitation strategies in combating substance abuse, with a focus on empowering youth and garnering community support for a healthier and safer environment for all.



CAMPAIGNS ON SOCIAL ISSUES



The NSS unit of Bethlahem Institute of Engineering held an 'Awareness Campaigns on Social Issues' event on 08.09.2021, witnessing active student participation. Let's amplify loud voices through awareness campaigns to address pressing social challenges. Together, let's stand against injustice and inequality, advocating for those in need and championing diversity and inclusivity. Let compassion lead the way to a brighter future, where small acts of kindness create significant social change. Join together in building a community that stands for justice and equality.

DRUG AWARNESS RALLY

The National Service Scheme (NSS) of Bethlahem Institute of Engineering, Karungal, conducted a comprehensive drug awareness program on August 10, 2021. The initiative aimed to educate students and the wider community about the dangers of substance abuse and promote a drug-free lifestyle. Students' were equipped with knowledge about the adverse effects of drugs on physical health, mental well-being and societal harmony.





GOOD TOUCH BAD TOUCH

The National Service Scheme (NSS) conducted an informative session on the "Good Touch Bad Touch" gender-related program on September 9, 2021. This session aimed to educate individuals about distinguishing between positive and negative physical contact to empower them to recognize and respond appropriately to situations, thereby ensuring their safety and well-being. The awareness about this issue is paramount for safeguarding individuals in our community.



Malaria Awareness



A Malaria Awareness Program is conducted in the seminar hall on August 8, 2022, at 11:00 a.m. for all students organized by the NSS. The session aimed to inspire students to adopt and promote healthy habits that reduce the risk of malaria transmission and to actively engage in raising awareness about malaria in their homes and communities. Students found the session beneficial and gained a deeper understanding of malaria.

Dengue Awareness



Since June is designated as "Dengue awareness month", BIoE conducted a Dengue awareness program on June 10, 2021 to inspire students to embrace and support healthy behaviours that lower the risk of dengue transmission, as well as to actively engage in spreading awareness about dengue in their homes and communities. The Program was beneficial and the students learned more about dengue disease. In addition dengue awareness rally was also conducted by the students to create awareness among society.

The National Service Scheme (NSS) of Bethlahem Institute of Engineering organized a successful Covid-19 vaccination camp on September 6, 2021. The program was well-received and there is anticipation for an opportunity to host a similar camp for administering the second dose of Covidshield, as the majority of participants have already received their first dose.



University Rank Holders

M.E. Structural Engineering



Bernisha B 6th Rank



Sharmi G Liji 7th Rank



Anju Sunder S H 24th Rank



Geethusree S I 27th Rank



Abisha M 29th Rank



Subasini M D 38th Rank



Remva P 24th Rank



Jaba P 43rd Rank

TO OUR OUTSTANDING RANK HOLDERS!

We are immensely proud to celebrate the exceptional achievements of our rank holders. Your dedication, hard work, and perseverance have truly paid off, and you have set a remarkable example for your peers.

Your success is not just a testament to your individual efforts but also a reflection of the collective support from your families, teachers, and the entire college community. You have demonstrated that with determination and commitment, excellence is within reach.

As you move forward, we encourage you to continue striving for greatness and to inspire others with your achievements. Remember, this is just the beginning of a journey filled with endless possibilities.

Journal Published



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ISSN NUMBER: 15320626 **JOURNAL NAME** :Concurrency and Computation **Practice and Experience**

Christmas Day Celebration

DEPARTMENT OF ECE















DEPARTMENT OF EEE

DEPARTMENT OF CSE & IT

DEPARTMENT OF CIVIL













DEPARTMENT OF MECH

DEPARTMENT OF AUTO

















'You can teach a student a lesson for a day; but if you can teach him to learn by creating curiosity, he will continue the learning process as long as he lives."

ORGAN DONATION AWARENESS



The National Service Scheme (NSS) conducted an Organ Donation awareness program on November 18, 2021. The program coordinator Mr. Edwin Thurai delivered the welcome address. The program emphasized prevention, intervention and rehabilitation strategies to combat substance abuse, highlighting the importance of youth empowerment and community support for a healthier and safer environment.



YOGA AWARENESS



A Yoga Awareness Program was conducted for all college students in the campus auditorium on September 16, 2021, at 2:30 p.m. The session was led by Mrs. Mini Mol, Physical Directress. It aimed to teach students on how to manage themselves in all aspects of life, improve their health and gain fundamental knowledge about their personalities. The session was beneficial to all the students.



.ANTI-RAGGING AWARENESS



An anti-ragging awareness program was conducted for all college students in the seminar hall on November 11, 2021. The program coordinator, Mr. Edwin Thurai delivered the welcome address and introduced the chief guest. The session was led by Ms. Reena, Assistant Professor of Education at Bethlehem College of Education. She emphasized the importance of instilling moral values among students to prevent ragging on campus and explained the consequences of ragging during the session.

Journal Published



L. FEMILA

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JOURNAL NAME

Wireless Personal Communications

Journal Published



ARUL EDWIN RAJ.A

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IETE Journal of Research

Journal Published



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ISSN NUMBER : 00304026

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Optik

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ROSHAN XAVIER X

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ISSN NUMBER: 1738494X

JOURNAL NAME

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