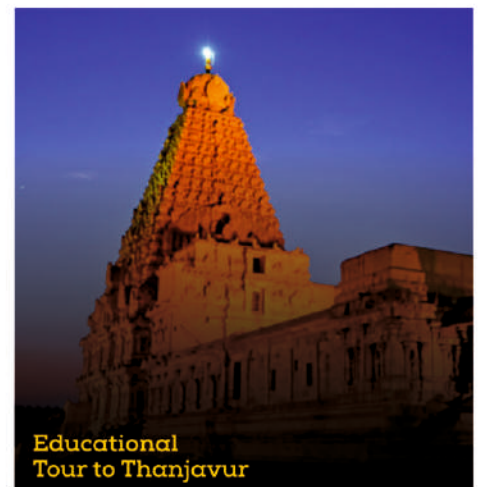




# BUILDERS ENGINEERING COLLEGE

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai | ISO Certified Institution | Recognized 2(F) status by UGC  
EBET Knowledge Park, Nathakadaiyur, Kangayam, Tirupur - 638 108, Tamil Nadu, India.

**NAAC**  
**GRADE A+**  
ACCREDITED CAMPUS  
WITH CGPA SCORE 3.36



# Kalanjium

AY 2023 - 24 | ISSUE 01 | JUNE '23 - DECEMBER '23



# INVENTORY



## About Institution

- 200 acres of modern campus with state-of-the-art infrastructure.
- Headed by major infrastructure developers.
- NAAC accredited institution.
- Green, Eco friendly and Wi-Fi enabled campus.
- Highly qualified and experienced faculty members.
- SWAYAM – NPTEL Local chapter for online education.
- Focus on enlightenment, employability and entrepreneurship.
- Providing outcome based education.
- Enjoyable teaching learning environment.
- 100 percent placement assurance.
- Scholarships for meritorious students.
- Tie up with high profiled industries & companies for internship training.
- Furnished separate hostels for Boys and Girls.
- Institutional bus facility for a radius of 50 kms.

## Vision

To be the most preferred knowledge provider

## Mission

Builders Engineering College endeavours to prepare rural students for successful career through academic and applied research.

## Quality Policy

We, at Builders Engineering College, are dedicated to provide holistic education in diverse fields by motivating and inspiring the students through quality educational services with right infrastructure facilities and placement opportunities. We are also committed to provide opportunities for the development of human resources towards our goal of continual improvement in quality of the educational services provided.

- Academic Dais
- Anti-Elder Abuse Pledge
- Special Debate on Karmaveerar Kamarajar Day
- Innovation – A Pathway to IPR
- Tree Plantation
- Prevention & Early Detection of Life Style Diseases
- Paribhaasha & Intellexa Association Inauguration
- Drug-Free Tamil Nadu
- Anti Ragging Week
- Independence Day Celebration
- Association Inaugurations
- Guest Lecture on GATE 2024
- Women Power
- Red Run Marathon
- Guest Lecture on Transmission Lines & RF Systems
- Social Justice Day
- Stories Of Sprout '23 & Students Induction Programme '23
- Environment & Climate Change
- Get, Set, Go!
- Puppet Show
- 21st Century Leaders
- Curriculum & Syllabi
- Universal Human Values
- The Next Four Years
- Kathai Vazhi Payanam
- Yoga & Cultural Programme
- Fire Safety Drill
- HR Conclave T23
- i-Mobility: Scope & Future
- Smart India Hackathon'23
- Smart Robotics
- Role of English in Engineering
- Blood Donation Camp
- Opportunities to Study in UK
- Awareness Programme on Girls Safety
- Educational Tour
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- Outcome Based Education
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- Saraswathi Pooja & Ayudha Pooja
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- Integrating Railway Electrification System with Smart Grids
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- 3D Printing - Aerospace, Automobile and Medical Applications
- Funding Opportunities in DRDO/ISRO
- Collaborative Opportunities in Research
- Funding Opportunities in DRDO/ISRO - Day 02
- Viksit Bharat @ 2047
- Road Safety Awareness Programme
- Mathematics Week Celebration
- Build Expo 2023
- Scholarship Award Programme
- CM Trophy
- Basket Ball
- Cricket
- Volleyball
- Athletics
- Anna University Zone
- Kabaddi
- Taekwondo
- Kickboxing
- Athletics (Men & Women)



# FROM THE LEADERS



It brings me great pleasure to communicate with you through this newsletter, covering the period from June 23, 2023 to December 23, 2023. This edition is a testament to the vibrant life of our institution and the collective achievements we have celebrated.

Our institution's heartbeat is its engagement with the community, and this newsletter showcases the myriad events and functions that have enriched our educational experience. The core of this newsletter, however, lies in the accomplishments of our students. Their co-curricular and extra-curricular feats reflect their dedication, passion, and the supportive environment we provide.

**Thiru. S. Anandavadivel**  
Correspondent - KGI



I'm delighted to address you through this newsletter, encompassing the noteworthy period from June 23, 2023 to December 23, 2023. It has been a time of exceptional achievements and shared experiences that have fortified our institution's sense of purpose.

During this time frame, our institution has been alive with events and functions that reflect our commitment to holistic education. What makes me particularly proud is the remarkable journey of our students. In this newsletter, you'll witness their accomplishments, both within the curriculum and beyond. They are the heart and soul of our institution, and their dedication is a source of inspiration to us all.

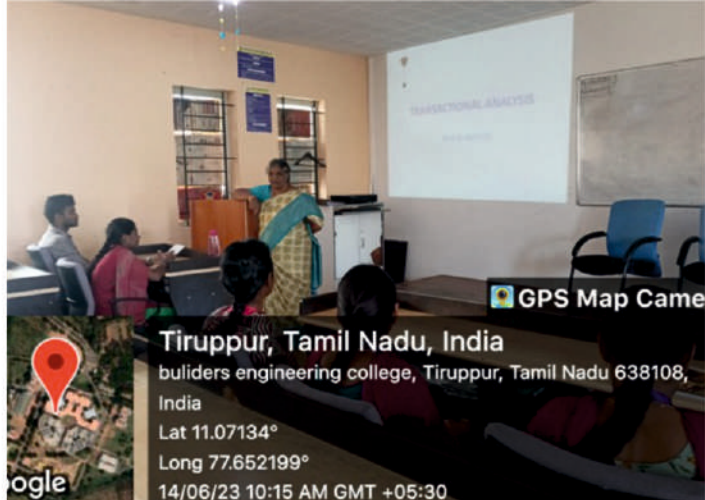
**Dr. C. Venkatesh**  
CEO - KGI



In the period spanning from June 23, 2023, to December 23, 2023, our educational institution has been abuzz with a myriad of exciting events and functions. The Departments, Cells & Clubs have been tirelessly organizing a diverse range of activities, fostering community engagement and intellectual growth. Moreover, we are delighted to showcase the remarkable co-curricular and extra-curricular achievements of our talented students. Their dedication and achievements continue to inspire us, and we are proud to include their accomplishments in this newsletter. Stay tuned for a glimpse into the vibrant life at our institution during these eventful months!

**Dr. S. Ramkumar**  
Principal - BEC





## Academic Dais

On 14.6.2023, Department of MBA through Academic Dais organized a Guest Lecture titled "Transactional Analysis". Dr.K.A.Agalya, Assistant Professor, Sri Vasavi College, Erode was the Resource person.



## Anti-Elder Abuse Pledge

As a part of Social Responsibility NSS unit of BEC made our students to take oath to *Prevent Serious Offense against Senior Citizens* on 15.06.2023.



## Special Debate on Karmaveerar Kamarajar Day

On the occasion of Karmaveerar Kamaraj Day , Kangeyam Group of Institutions & Pudugam Television jointly organized a special panel on the topic "Family or Society is the most important thing in human

life" on Thursday 13.07.2023. Pudhukhai Bharti, Manoranchitha Malar, Arur Sneha, Bhupalam Pragatheeswaran, Kovai Dhanapal, Gobi Manjunathan participated as Special speakers of the Day. Dr. Nathamil Nayakar Jaya Rajamurthy acted as arbitrator. The Best Knowledge Temple Award was presented to Kangeyam Group of Institutions.



## Innovation – A Pathway to IPR

Department of RIC and IIC Organized One Day National Level Seminar on Faculty Contributions – IPR & Research Proposal on 15.07.2023. The Chief Guests were Mr. Balaji Devarajan, Head – CIPR, Assistant Professor, Dept. of Mech, KPRIET and Dr.L.Ashok Kumar, Professor, Dept of EEE, PSG College of Technology, Coimbatore. Mr. Balaji Devarajan delivered a lecture on "Innovation – A Pathway to Intellectual Property Rights". Dr.L.Ashok Kumar gave insights on "Art of writing a Research proposal & Funding opportunities for research"



## Tree Plantation

As part of Social Responsibility NSS unit of BEC organized Tree Plantation on 21.07.2023. Dr. C Venkatesh, CEO – KGI and Dr. S. Ramkumar, Principal – BEC graced the occasion.





## Prevention & Early Detection of Life Style Diseases

NSS Unit of BEC jointly with PSG Hospitals, Coimbatore organized an Awareness programme on Prevention & Early Detection of Life Style Diseases on 5.8.23. Senior Cardiologist Dr. G. Rajendiran, Head, Preventing Cardiology of PSG Hospital, Coimbatore



## Paribhaasha & Intellexa Association Inauguration

On August 16, 2023, the Department of Computer Science and Engineering & Department of Artificial Intelligence and Data Science at BEC inaugurated their association, PARIBHAASHA & INTELLEXA. Mr. Gopala Kumarappan, Managing Director of Digital & Platform Services at JP Morgan Chase & CO., USA, was the Chief Guest. Mr. Kumarappan delivered a keynote address in which he spoke about the importance of artificial intelligence and data science in the modern world. He also encouraged the students to pursue their dreams and to make a difference in the world.

## Drug-Free Tamil Nadu

On August 11, 2023, NSS collaborated with the Fitness Club and the Tamil Nadu Police Department to conduct an Awareness Program titled "Drug-Free Tamil Nadu." Dr. P. Saminathan IPS, Superintendent of Police, Tirupur District graced the occasion.



## Anti Ragging Week

As an initiative by AICTE, BEC organized Anti Ragging Week from 12.8.2023 to 18.8.2023 to create awareness about Anti Ragging. The programme aimed at raising the importance of eliminating ragging.





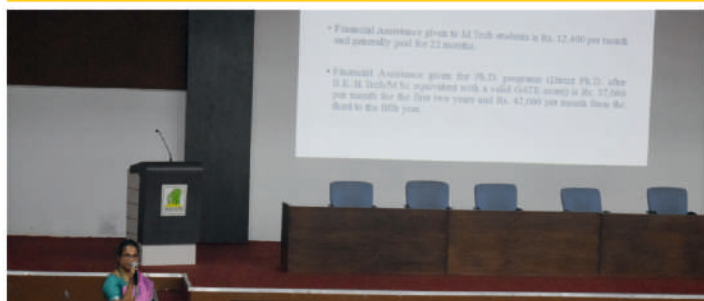
## Independence Day Celebration

Independence Day was celebrated with customary grandeur on August 15, 2023. Dr. C Venaktesh, Chief Executive Officer, Kangeyam Group of Institutions hoisted the National Flag, and both staff members and students participated in the event.



## Association Inaugurations

The MECHCONFLICT '23, GNAANA '23 & KRATU '23 Associations were inaugurated by the Mechanical, EEE and ECE Associations on August 19, 2023, at Dheeran Chinnamalai Auditorium. Mr. Gobalkichenan Ganeshan, Former IBmer, Freelance Technical Trainer and Project Mentor, delivered a speech highlighting the importance of staying informed about technological advancements, and he provided insights on Adreno, Raspberry, and IoT.



## Guest Lecture on GATE 2024

The Department of Electronics and Communication Engineering(ECE) and the Higher Education Cell jointly hosted a Guest Lecture on the Significance and Preparation of the GATE 2024 Examination on August 26, 2023

## Women Power

Women Development Cell organised a Guest Lecture titled "Women Power" on 26.8.23. Dr. Rajammal, National Awardee Educationist & Woman Achiever, CAO, Sarvalayam, Vellakovil & Dr. Sumathi Senthil Murali, Dermatologist, London graced the occasion and delivered motivational talk to girl students.



## Red Run Marathon

District level Red Run Marathon was conducted by District AIDS Prevention control unit at Chikkanna Government Arts College, Tirupur on 31/08/2023. District Sub Collector Sruthan Jai Narayanan inaugurated the Marathon. 22 students from our College Participated in the Marathon. Our College students E. Kesavakalieswaren - III ECE, J. Annamalai –IV MECH and M. SARAN –III EEE secured 5th, 7th and 9th prize in the Marathon.



## Guest Lecture on Transmission Lines & RF Systems

The Department of Electronics and Communication Engineering (ECE) at BEC hosted a guest lecture on "Transmission Lines and RF Systems" on September 8, 2023. Mr. Manikandan, Assistant Professor at SSM Institute of Engineering and Technology, Dindugal, was the resource person for the lecture. He delivered a talk on the topic to the students of the ECE Department.





## Social Justice Day

As a part of Social responsibility NSS Unit of BEC organized Social Justice Day on 13.09.2023. Staff and Students of BEC took part in the event.

# STORIES OF SPROUT '23 AND STUDENTS INDUCTION PROGRAMME '23



SPROUT'23, the Inauguration event for first-year BE Engineering students, took place on September 10, 2023, at the Kalam Auditorium. The event featured distinguished guests, including Mr. Charles Godwin, HR Leader and Public Speaker at ZOHO Corporation, Mr. Chandrasekar Chenniappan, Vice President of Human Resources at Virtusa, and Mr. V.N. Varadharajan, Managing Director of VNV Builders Pvt. Ltd.

Mr. Chandrasekhar Chenniappan emphasized the essential keys to unlock the doors of dreams, including Discipline, Confidence, and Responsibility, with the added dimension of freedom, which he considered crucial for the success of individuals. He also stressed that grooming within a company and establishing a solid foundation in their courses were sufficient for achievement.

The Chief Guest, Mr. Charles Godwin, suggested that every person, at some point in their life, is asked, "What's Next?" He offered valuable advice to the students, encouraging them never to compare themselves to others. He further noted that recognizing

one's own strengths is adequate for success. Mr. Godwin emphasized the importance of starting every task with utmost interest, asking questions, and engaging in self-learning, as these actions would provide the answers to the question of "What's Next?"



## Environment & Climate Change

On September 11, 2023, Mr. Deepak Venkatachalam addressed the I BE/ B.Tech students during the first day of the Student Induction Programme. He highlighted how rising global temperatures can intensify storms and heavy rainfall by increasing the moisture in the atmosphere.





## Get, Set, Go!

On the second day of the Student Induction Programme, which took place on September 12, 2023, in the morning session, Mr. Gowtham Krishnamoorthy, CEO of Nutz Technovation, shared his advice on "Get, Set, Go." He urged students to focus on three key areas: engaging in their studies, utilizing available college resources for career development and participating in extracurricular activities such as dance, debate, sports, and fine arts.



## Puppet Show

During the afternoon session on the same day, the Department of Science and Humanities, in collaboration with Builders Tamil Sangam, presented a puppet show titled "Awareness about Social Media" by Mr. Laxman Rao and his team.



## 21<sup>st</sup> Century Leaders

On the morning of the third day of the Student Induction Programme, September 13, 2023, Ms. Rajammal, CAO of Sarvalayam, an educational consultant and motivational speaker, discussed "21st Century Leadership" with the students. She emphasized four important points: the importance of observation as a key to learning, the lifelong nature of learning, the need to unlearn and relearn, and the idea that nothing is entirely new, but everything can be seen in a new light.



## Curriculum & Syllabi

In the afternoon session of the same day, Dr. L. Sampath Kumar, Associate Professor of Physics and Head of Academics, elaborated on the new curriculum changes and their significance in student development and career prospects. He discussed the impact of standards, curriculum, and syllabus of the R2021.



## Universal Human Values

On the same day, in the afternoon session, Dr. S. Hema Malini, Associate Professor of English and Head of Student Affairs, delivered a speech on "Universal Human Values," emphasizing the importance of ethics and principles that should guide students throughout their lives.





## The Next Four Years

On September 14, 2023, the fourth day of the Student Induction Programme, Mr. R. Ashwin, a Career Guidance Expert and Analyst, discussed "The Next Four Years," focusing on higher education opportunities after engineering and strategies for preparation. He emphasized the role of engineers as problem solvers.



## Kathai Vazhi Payanam

In the afternoon session on the same day, Ms. Saritha Jo, a psychologist, writer, RJ, and storyteller, emphasized the power of stories to ignite students' imaginations and enhance their vocabulary.



## Yoga & Cultural Programme

On September 15, 2023, Dr. S. K. Senthil Kumar, MD, FRIM, and Ph.D. in Indian Traditional Medicines, shared the benefits of yoga, particularly for college students, highlighting its significance for physical and mental health. He also provided some stress management practices.



## Fire Safety Drill

The NSS Unit at BEC, in collaboration with the Fire and Rescue Services Station in Kangayam, conducted a Fire Safety Drill programme for the staff and students



## HR Conclave T23

HR Conclave T23 was held on 23.09.2023. In this function nearly 500 students from Builders Engineering College participated. The Chief Guests for the programme were Mr. S. Ganesh, Mr. P. Shanmugam, Mr. V. Dhinesh Kumar, Mr. P. Gnanadeshan, and Mr. R. Sathishraj.



## i-Mobility: Scope & Future

The Department of Mechanical Engineering hosted a Guest Lecture on September 23, 2023, focusing on the topic "i-Mobility: Scope and Future." Mr. M. Hariprasath, a Specialist and Team Lead at TATA ELXI LTD in Chennai, was the Chief Guest and delivered an insightful address to the audience.





## Smart India Hackathon'23

On September 27, 2023, the Department of Entrepreneurship Development Cell (EDC) at BEC hosted the "Smart India Hackathon'23 - Internal Hackathon Contest" at IIT Remote Centre, BEC.



## Smart Robotics

The Department of Artificial Intelligence and Data Science hosted a workshop called "Smart Robotics – An Educational Tool." During this event, the Chief Guest, Ms. Sowmya Santhanam, who is the Founder & CEO of Seventh Sense School of Robotics in Erode, provided valuable insights and knowledge to both the staff and students.



## Role of English in Engineering

On October 04, 2023 Debate Club organized a session for I BE / BTech Engineering students on the topic "Role of English in Engineering". Mr. E John Vincent, Senior Manager, Business Development, British Council delivered the lecture on the varying needs of English Communication Skills in working places and shared views about the CEFR (Common European Framework Reference) Assessment.



## Blood Donation Camp

The National Service Scheme, in collaboration with the Lions Club of Erode Cosmos and Supreme Blood Bank, conducted a "Blood Donation Camp" on October 5, 2023.



## Opportunities to Study in UK

Department of Mechanical Engineering organized a Guest Lecture about "Opportunities to study in UK" on 07.10.2023. During this event, Mr. V. Arul Kumar, a distinguished alumnus of the institution and the Admission Manager for the UK at Dolphin Education Consultancy – UK, India, and Sri Lanka, provided valuable insights into the current scenario of higher education opportunities in the UK to the Mechanical Engineering students.



## Awareness Programme on Girls Safety



On 11.10.2023, Women Development Cell & Internal Complaints Committee organized and “Awareness Programme on Girls Safety – Mademoiselle” to the girl students of Rajendran Matriculation and Higher Secondary School, Vadugapatty. Latchumanan Muthuvelan TholPaavai Koothu Kalaikulu, Nagerkovil showcased the aspects of importance of education to girls.



### **Educational Tour**

On October 12, 2023, Builders Tamil Sangam organized an educational tour for interested students. Builders Tamil Sangam took 50 students to Athangudi palace, a magnificent palace with 64 rooms which is built from materials from many countries all around and to the nearby temples in Karaikudi. Also, students visited Tanjore big temple, a part of World Heritage site, UNESCO.



### **Revolutionizing Mobility**

The Department of EEE hosted a workshop titled "Revolutionizing Mobility" on October 13, 2023. Mr. Rameshbabu, an expert in Embedded and Power Electronics Development from Caliber Embedded India Pvt. Ltd., provided valuable insights on this topic to both faculty members and students in the EEE department.



### **Outcome Based Education**

On October 13, 2023, the Department of ECE conducted a webinar named "Outcome Based Education." Professor Shayamal Kumar Das Mandal from IIT, Kharagpur, shared valuable insights on this subject with both faculty members and students.



### **The Investiture Ceremony**

On October 14, 2023, the Department of Science and Humanities held the Inauguration for the Science & Humanities Association for the academic year 2023-2024. Dr. Muthu Senthil Pandian, a Research Scientist (Grade II) from the Photovoltaic Devices Lab at SSN Research Centre in the Department of Physics, SSN Institutions (Autonomous) in Chennai, graced the occasion as the Chief Guest. The Investiture Ceremony was well-attended by both the faculty and first-year BE/BTech students.



### **Importance of Voting**

Electoral Literacy Club and YRC of BEC jointly organized the competition Wall Magazine Competition in Poster Form on the Title "Importance of Voting" and the Winners of the competition were R. Abirami-II CSE –I Prize, M. Shivadharshini-I ECE-II Prize and M. Sobika, I EEE-III Prize





## Sustain with Sustainability

Department of Civil Engineering organized a Technical Seminar titled “Sustain with Sustainability” on 19.10.2023. Mr. Bharathsrivathsan, Managing Director, Agachithiram and an alumnus of our college acted as Resource person and gave insights on living sustainably.



## IGNITE

Rotaract Club Charter Installation Ceremony - IGNITE took place on 19 October, 2023 at Dheeran Chinnamalai Auditorium. Rtn. MD. PP. V.G. Anand Ram, District Chairman – Project HEAL was the Chief Guest. Guest of Honour Rtn. Hemanth Kumar Jain, Deputy District Rotaract Committee Chairman graced the Occasion.



## Saraswathi Pooja & Ayudha Pooja

On October 21, 2023, Saraswathi Pooja and Ayudha Pooja were joyously celebrated on the campus. The event was honored by the presence of Thiru N. Ramalingam, Chairman of KGI. Dr. C. Venkatesh, CEO of KGI, along with Dr. S. Ramkumar, Principal of BEC, and Dr. G. Suresh, Principal of KIC, were also present.



## Outcome Based Education

On October 27, 2023, the Department of Civil Engineering organized a Pre-Placement talk for second-year BE Civil Engineering Students. Esteemed individuals from CMK projects, including Mr. R. Jagatheesan (CEO), Mr. R. Kunjithapatham (GMC Technical), Mr. K Rajkumar (Manager - Planning), Mr. M. Anand David (Architect), and Mr. R. Praveen (HR Executive), shared valuable insights and perspectives with the students during the session.



## E-Mobility & Energy Storage Technology

On October 28, 2023, the Department of Electrical and Electronics Engineering successfully hosted a National Level Seminar. The seminar's central theme was "E-Mobility and Energy Storage Technology," and it featured insightful presentations by two distinguished speakers: Dr. R. Vimalathithan, Director of Krish Tech & Covai Labs in Coimbatore, and Mr. V Angappa, Managing Partner at Spark Technologies, also based in Coimbatore.





## Essentials of OBE

Department of Science and Humanities organised a Seminar on Outcome Based Education (OBE) that took place on October 28, 2023. The honored guest for the occasion was Dr. G. Balaji, who serves as the CoE & Dean (S&H) at Al-Ameen Engineering College in Erode. The seminar was centered on the theme "Essentials of Outcome-Based Education." It delved into the significance of OBE and explored various strategies for attaining Course Outcomes (COs).



## Health Walk Camp

On November 4, 2023, the Government of Tamil Nadu organized a statewide health walk camp, with the Chief Minister inaugurating the event virtually. First Year B.E./B.Tech students enthusiastically participated in this initiative.



## Outcome Based Education

On November 4, 2023, the Department of Computer Science Engineering hosted a seminar on "Essentials of Outcome-Based Education in NBA Process." The esteemed Chief Guest for the event was Dr. N Muthumani, Principal of PPG College of Arts and Science, Coimbatore.



## Strengthen Your Software Skills and Elevate Your Employability

On November 4, 2023, the Department of Civil Engineering organized a Technical Webinar titled "Strengthen Your Software Skills and Elevate Your Employability," which was conducted in a virtual mode. The event featured Mr. J Vimal Devaprabhu, Manager – CAD Training & Support at USAM Cad Soft India Pvt. Ltd., Coimbatore, as the Guest.



## MoU with Surge Supercapacitors, Pune

The Department of Science and Humanities at Builders Engineering College recently signed an MoU with Surge Supercapacitors in Pune, Maharashtra. The collaboration, signed by Dr. T Boobalan, focuses on faculty exchange, student internships, placements, consultancy services for the EEE department, and a syllabus review for Physics, Chemistry, and EEE departments in anticipation of autonomous status. This partnership aims to strengthen ties between academia and industry, providing valuable opportunities for students and faculty.



## Integrating Railway Electrification System with Smart Grids

Pandiselvi.G and Vinitha Christin.J from III-EEE showcased their paper titled "Integrating Railway Electrification System with Smart Grids Using IoT" at a National level technical symposium at GCE (IRTT, Erode) on November 16, 2023. Their presentation



earned them the first prize, along with a cash award of Rs.500/-. Congratulations to Pandiselvi.G and Vinitha Christin. J for their outstanding accomplishment!



## Hearing Device Project

Gokulan.D and Rajeshkanna.M from II-EEE showcased their project "Hearing Device" at a National level technical symposium at GCE (IRTT, Erode) on November 16, 2023. The duo emerged victorious, securing the first prize along with a cash award of Rs.500/-. Congratulations to Gokulan.D and Rajeshkanna. M for their outstanding achievement.

*Session on*

# PROBLEM SOLVING & IDEATION WORKSHOP

*Resource Person*

## Dr. R. Saravanan

Professor & Head, Dept. of Industrial Engineering  
SIMATS School of Engineering, SIMATS, Chennai

## Problem Solving & Ideation Workshop

On November 16, 2023, the Department of Science and Humanities hosted a virtual "Problem Solving and Ideation Workshop" with Dr. R Saravanan from SIMATS School of Engineering, Chennai, as the resource person. The workshop aimed to enhance problem-solving skills and promote innovative thinking among participants.



## Foundations on Quantitative Aptitude Skills

From November 16 to 17, 2023, the Department of AI&DS hosted a two-day workshop titled "Foundations on Quantitative Aptitude Skills." Mr. R. Shankar, an Aptitude Trainer/Placement Officer from Nandha Engineering College, Erode, served as the resource person for the programme.



## Role of Chemistry in Engineering

The Department of Science and Humanities arranged a Special Lecture on "Role of Chemistry in Engineering" on November 18, 2023. Dr. M. Kumaresan, Professor & Head of the Department of Science & Humanities at Nehru Institute of Technology, Coimbatore, served as the distinguished guest for the session.





## 12<sup>th</sup> Graduation Day

On November 26, 2023, the 12th Graduation Day was joyously celebrated with grandeur. The esteemed occasion was made even more special by the presence of Mr. Sanjay Ahuja, Head-HR at Lakshmi Machine Works Ltd., Coimbatore, who served as the distinguished Chief Guest. The event marked a significant milestone in the academic journey of the graduating students, with Mr. Ahuja imparting valuable insights and words of wisdom. The atmosphere was filled with a sense of achievement and inspiration as graduates, faculty, and guests came together to commemorate this memorable day. The ceremony showcased the culmination of hard work and dedication, highlighting the bright future that awaits the graduates in their respective endeavors.



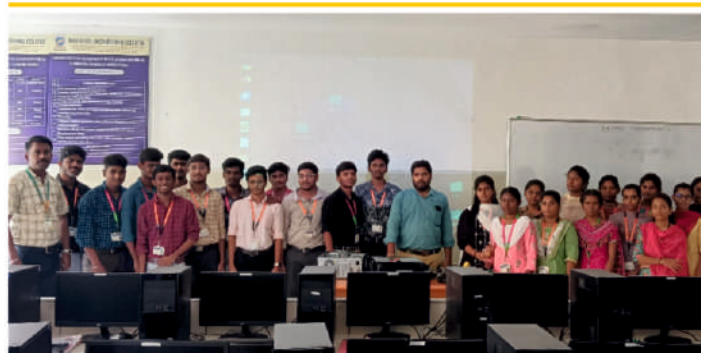
### "Welcome Home" - An Alumni Meet

The Alumni Meet for the Civil, CSE, EEE, ECE, and Mechanical Engineering Departments took place on November 26, 2023. Alumni actively participated in the event, adding grace to the occasion. They also took the opportunity to share their insights and thoughts with the current engineering students.



## Academic Dais

Department of Management Studies organized 'Academic Dais' – an Interaction Initiative among Academia, on 28th November, 2023 through offline mode. Dr.D.Kumaresan, Professor and Director, PG-Department of Commerce, KSR College of Arts and Science for Women, Tiruchengode was the Chief Guest who interacted with Management students on 'Lead with Confidence'. He has enlightened the forum by giving enough motivational stories with real time examples and created a corporate exposure among the student community.



### Enhancing Technical Skills and Fostering Innovation

From November 29 to 30, 2023, the Department of AI&DS, in collaboration with EDC, hosted a workshop titled "Enhancing Technical Skills and Fostering Innovation." On the first day, Mr. V. Rajaram, Assistant Professor in the Department of AI&DS, delivered a presentation on PC Hardware and Troubleshooting. On the second day, Mr. P. Dhanasekar, System Administrator at KGI, conducted a Poster Presentation on Cutting Edge Technologies.



### Faculty Interaction with Industry about Aeromodelling

On November 30, 2023, the Department of Science & Humanities organized an Faculty Development Programme focused on "Faculty Interaction with Industry about Aeromodelling." The event featured a resource team from Sumukha Green Tech Aviation Ltd.,



providing valuable insights into Aeromodelling. Faculty members from various departments actively participated in this informative session.



## IIC Regional Meet

Santoshini C from III ECE, Dhayalan J from III Civil, and Ruknu Roshan M from III CSE have been selected to represent our institute at the IIC Regional Meet 2023. The decision was based on feedback from the screening committee and the significance of their ideas. The event took place at Nehru Institute of Technology, Coimbatore, on December 4, 2023.



## Seminar on Essential Courses for AI-Enabled Computer Programs

A seminar held on December 12, 2023, explored crucial courses for AI-driven computer programs, catering to faculty from Computer Science, Artificial Intelligence, and Data Science departments. Prof. Dr. Sashikumaar Ganesan, from IISC Bangalore, led the session, offering insights into pivotal courses vital for AI program development. His expertise enriched discussions, aiding faculty members' skill enhancement and academic progress in these domains. The seminar emphasized the importance of continually advancing knowledge in AI-related fields, highlighting the role of esteemed professionals like Prof. Dr. Ganesan in fostering academic growth and expertise among peers.



## 3D Printing - Aerospace, Automobile and Medical Applications

The Department of Mechanical Engineering organized a Six Days ATAL Faculty Development Programme (FDP) with the theme "3D Printing - Aerospace, Automobile, and Medical Applications" from December 18, 2023, to December 23, 2023. This FDP aimed to provide participants with an extensive and in-depth understanding of the applications of 3D printing in the aerospace, automobile, and medical fields. The event served as a platform for knowledge exchange and skill development in the rapidly evolving domain of 3D printing technology.



## Funding Opportunities in DRDO/ISRO

The Department of Mechanical Engineering orchestrated a Guest Lecture, slated for December 18, 2023, shedding light on "Funding Opportunities in DRDO/ISRO." The esteemed Chief Guest, Dr. U Chandrasekhar, holding the position of CEO-GM at the Scientific Innovation & Research Centre and serving as an Adjunct Faculty member at CPDM IISC, Bengaluru, graced the occasion. Dr. Chandrasekhar's expertise and insights provided attendees with a comprehensive understanding of avenues for securing funding within renowned research institutions like DRDO and ISRO.





## Colaborative Opportunities in Research

On December 19, 2023, a meeting with Dr. T Ram Prabhu, Joint Director/Scientist at DRDO, Bengaluru, was organized for the teaching faculty members of Builders Engineering College. This event served as a valuable platform for faculty members to interact, share insights, and establish collaborative opportunities with Dr. T Ram Prabhu, contributing to the academic and research endeavors of the college.



## Funding Opportunities in DRDO/ISRO - Day 02

On December 19, 2023, the Department of Mechanical Engineering organized an ATAL - Faculty Development Programme on "3D Printing - Aerospace, Automobile, and Medical Applications." The event is set to take place at the IIT Remote Centre, Builders Engineering College. The program was aimed to provide valuable insights into the diverse applications of 3D printing in aerospace, automobile, and medical fields. The esteemed Chief Guests for the occasion were Dr. Ramprabhu, Joint Director at DRDO, Government of India, and Mr. Suman Gowda N C, Manager - Applications (Additive Manufacturing) at Phillips Machine Tools India Pvt Ltd., Bangalore. Their expertise and experience were expected to enrich the faculty development program, offering valuable perspectives on the cutting-edge advancements in 3D printing technologies.



## Viksit Bharat @2047

On December 19, 2023, as a component of Viksit Bharat @2047, an orientation program was organized for all engineering programs and MBA. The session was followed by the submission of ideas through the portal provided for this purpose. This initiative aligns with the broader vision of Viksit Bharat @2047, emphasizing the development and progress of India, and underscores the importance of idea generation and collaboration within the academic community.



## Road Safety Awareness Programme

On December 20, 2023, the NSS Unit of Builders Engineering College collaborated with the Tirupur Road Safety Wing to host a 'Road Safety Awareness Programme.' The event featured a presentation by Er. B.K Kadirvel M.Tech, Assistant Divisional Engineer (H), and Er. M Murugaboopathi, M.E, from the Road Safety Wing in Tirupur, addressing the student body. Engaged participants actively took an oath, underscoring their dedication to advancing and embodying road safety principles. Such initiatives play a pivotal role in augmenting awareness regarding the imperative adherence to traffic regulations, advocating for safe driving behaviors, and mitigating road accidents. They contribute significantly to fostering a culture of responsible road usage and safeguarding the well-being of all road users.





## Mathematics Week Celebration

On December 22, 2023, the Department of Science and Humanities organized a special event as part of the Mathematics Week celebration. The highlight of the program was a captivating lecture on "Ramanujan's Life and Works." Dr. P.G. Jansi Rani, a distinguished Professor and Dean from the Department of Mathematics at Sethu Institute of Technology, Virudhunagar District, Tamil Nadu, graced the occasion as the Chief Guest. The venue for this intellectually stimulating event was the Dheeran Chinnamalai Auditorium at Builders Engineering College, Kangayam. The lecture aimed to delve into the life and contributions of the renowned mathematician Srinivasa Ramanujan, adding an enriching dimension to the Mathematics Week Celebration.



## Build Expo 2023

During the Build Expo 2023, the Kangayam Group of Institutions, specifically the Builders Engineering College, was honored with an appreciation shield by the EDCEA on 25.12.2023.



## Scholarship Award Programme

On December 26, 2023, a Scholarship Award Program was organized, during which a total of 56 students from the first year of Bachelor of Engineering (BE) and Bachelor of Technology (BTech) were awarded scholarships worth Rs 50 lakhs. Dr. Kavidasan, the Director of Roots Industries India Private Limited and the Secretary of Satchinanda Jothi Niketan International School, Coimbatore, graced the occasion as the Chief Guest and delivered an address to the students. The scholarships were presented by our Chairman, Thiru. N. Ramalingam, Secretary Thiru. C. K. Venkatachalam, Correspondent Thiru. S. Anandavadivel & Treasurer Thiru. C.K. Balasubramaniam to the deserving students.

## SPORTS ACHIEVEMENTS

### CM TROPHY



### BASKET BALL

The basketball teams representing our college, both comprising men and women, participated in a tournament held at the Jawaharlal Nehru Indoor Stadium in Chennai from July 8th to July 12th, 2023. The event brought together athletes in a display of skill and sportsmanship.



### CRICKET

Our college's cricket teams, including both men and women, convened at the Jawaharlal Nehru Indoor Stadium in Chennai from July 9th to July 13th, 2023, for a thrilling tournament. The event showcased the talents and competitiveness of players in an exhilarating atmosphere.





## VOLLEYBALL

The Men's Volleyball team from our college gathered at the Jawaharlal Nehru Indoor Stadium in Chennai from July 11th to July 16th, 2023, for an intense competition. Amidst spirited matches and displays of athleticism, players showcased their skills and teamwork, fostering an electrifying atmosphere of sportsmanship.



## ATHLETICS

Our Institution's Athletics players competed in the Chief Minister's Trophy, an athletics championship held at the Jawaharlal Nehru Indoor Stadium in Chennai from July 17th to July 19th, 2023. The event celebrated athleticism and sportsmanship, uniting athletes in spirited competition and camaraderie.

## ANNA UNIVERSITY ZONE



## KABADDI

The Kabaddi team representing our college achieved the 4th Place in the Anna University Zone-12 competition, which took place at KSR College of Engineering, Tiruchengode, on October 16, 2023. Their commendable performance reflects dedication and competitive spirit.



## TAEKWONDO

G. Sreesaran, enrolled in II-AI&DS & K.J. Venkatraman, II ECE have been chosen by Anna University to compete in the South-West Inter-TAEKWONDO (Men) event at Shri Jagdishprasad Tibrewal University in Jhunjhunu, Rajasthan, scheduled from November 2nd to November 5th, 2023.



## KICKBOXING

In the Khelo India Women's Kickboxing League 2023, hosted at Tamil Nadu Physical Education & Sports University on November 4th and 5th, 2023, our college student, R. Hemalatha from II-ECE, showcased exceptional skill and determination, securing the prestigious 2nd place.



## ATHLETICS (Men & Women)

Our college students displayed exceptional athletic prowess, securing the top three positions in the Anna University Zone Athletics competition (Men & Women) at Kongu Engineering College, Erode, on November 7th to 8th, 2023, reflecting our institution's dedication to sports excellence.



## The Students are:

- V. Hebzibha - I MBA (800 M - First)
- R. Kamatchi - II CSE (JAVELIN - Second)
- V. Hebzhbha - I MBA (400 M - Second)
- M. Seetha Lakshmi - II ECE (800 M - Third)
- C. Vinothini - I MBA (400 M HURDLES - Third)
- E. Kesavakaleeshwaran - III ECE (5000 M - Third)
- P. Preethi - II MBA (4X400 RELAY - Third)
- V. Hebzibha - I MBA (4X400 RELAY - Third)
- M. Seetha Lakshmi - II ECE (4X400 RELAY - Third)
- C. Vinothini - I MBA (4X400 RELAY - Third)



## ATHLETICS

Ms. V. Hebziba, a dedicated student pursuing her Master of Business Administration (MBA) degree in our institution, displayed remarkable athletic prowess by clinching the second

position in the 800-meter event during the Inter-Zone Anna Athletics Championship. The prestigious competition held at Kongunadu College of Engineering & Technology in Thottiyam, where Hebziba's determination, endurance, and skill on the track shone brightly, earning her well-deserved recognition and acclaim.

## ACHIEVEMENTS



## PLACEMENT STATUS

Total Number of Companies : 34

Total Number of Students Placed : 101 \*Upto 2023



**BUILDERS**  
ENGINEERING COLLEGE

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai | ISO Certified Institution | Recognized 2013 status by UGC  
EBET Knowledge Park, Nathakadaiyur, Kongeeyam, Tirupur - 638 106, Tamil Nadu, India.

**NAAC**  
**GRADE A+**  
ACCREDITED CAMPUS  
WITH CGPA SCORE 3.36

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