



(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
Chittoor Main Road, Vellore - 632 059.

KINGSTON ENGINEERING COLLEGE

ANNUAL REPORT

AY 2023-2024





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Chittoor Main Road, Vellore - 632 059.

VISION OF THE INSTITUTION

To be a pioneer in engineering and management education by providing amicable ambience and being a centre for learning thereby perpetuating versatile professionals in engineering and management suitable for industry, higher education and research.

MISION OF THE INSTITUTION

- ❖ Developing, nurturing and building professionals with technical, research and managerial expertise, intellectual proficiency, right attitude and moral ethics.
- ❖ Building infrastructure that earmarks the institution to be the most preferred educational destination and provides the right ambience for creative and innovative teaching - learning process.
- ❖ Enabling learners to broaden their horizon and helping to meet global challenges.



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ANNUAL REPORT 2023-2024

Kingston Engineering College approved by AICTE, New Delhi and affiliated to Anna University, Chennai was established in the year 2008 by the Duraimurugan Educational Trust with the aim to promote technical education to the rural students. It is ideally situated in a scenic location amidst hillocks and much greenery on a sprawling campus in a pollution free area.

Kingston's Chairman Thiru. D. M. Kathir Anand, a visionary leader whose dedication and commitment have been instrumental in guiding our institution to new heights of success. He is a person of remarkable insight and determination, with a profound passion for excellence and innovation. With a distinguished background and extensive experience, he brings a wealth of knowledge and expertise to his role.

Beyond his professional achievements, our chairman is known for his humility, integrity, and unwavering dedication to serving others. He leads by example, inspiring those around him to strive for greatness and to make a positive impact in the world. Under his guidance, our institution has flourished, achieving milestones and accolades that stand as a testament to his leadership and vision.

Kingston Engineering College has been committed to providing quality education and expanding its academic offerings.

Under Graduate Programs

- ❖ Bachelor of Computer Science & Engineering
- ❖ Bachelor of Artificial Intelligence and Data Science
- ❖ Bachelor of Computer Science and Business systems
- ❖ Bachelor of Electronics & Communication Engineering
- ❖ Bachelor of Information Technology
- ❖ Bachelor of Mechanical Engineering

Post Graduate Programs

- ❖ Master of Business Administration
- ❖ Master of Engineering in Applied Electronics
- ❖ Master of Engineering in Power System
- ❖ Master of Engineering in Computer Science & Engineering
- ❖ Master of Engineering in Engineering Design



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We have well qualified faculty members and non-teaching staff members on roll as per AICTE norms. Our college has doctorates in various departments and many faculties doing their doctorates in various disciplines.

AWARDS AND RECOGNITION OF COLLEGE

Many government and non-governmental organizations have recognized and awarded our college with various accolades.

- ❖ No. 1 in Vellore, Tiruvanamalai, Villupuram District
- ❖ 150+ Anna University Rank Holders
- ❖ Authorised HI for MSME
- ❖ Best IEEE Students Chapter Award
- ❖ 3-Star Rating - MHRD - IIC Awards
- ❖ Received Centre of Excellence from Ashok Leyland
- ❖ Award of Humanity from Mudhiyor Balar Kudumba Grama Pannai, Kasam, Katpadi for Financial Support (Donation).
- ❖ Award of Excellence from Christian Medical College Blood Bank for Blood Donation.
- ❖ Highest Donors, Kingston Engineering College NSS Unit from Sri Narayani Hospital & Research Centre, Sripuram for Blood Donation on Blood Donors Day.
- ❖ Appreciation Certificate from Adhiparasakthi College of Engineering, Kalavai for Hands on Training on Embedded System and Real Time Application.
- ❖ Certificate of Appreciation from JAI Safety Service for Outstanding Commitment Towards “Green & Eco-Friendly Campus”.
- ❖ Certificate of Award from Rotary Club of Katpadi, Vellore for Mini Marathon to fight Drugs.
- ❖ Silver Certificate of Appreciation from Energy Swaraj Foundation for Energy Literacy Training.
- ❖ Best Green Campus Award 2023 from Mass Auto Components Moulding Division, Chennai for Maintaining the Campus green and offering a Eco friendly environment in the campus.
- ❖ Certificate of Appreciation from YRC-VIT for Participation in YRC 3 Day Zonal Level Students Study Camp and Workshop.
- ❖ Certificate of Appreciation for Good Service from JCI Vellore for Mega Medical Health checkup Camp at Mettukulam village.



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- ❖ Certificate of Award for Rally on World Tuberculosis Day from Rotary Club of Katpadi, Vellore.
- ❖ Certificate of Recognition for Voluntary Blood Donation Camp from Christian Medical College, Vellore.
- ❖ Certificate of Appreciation from Christian Medical College Blood Bank for Voluntary Blood Donation and Safe Blood.
- ❖ Certificate of Appreciation from Dr.APJ Abdul Kalam International Foundation - House of Kalam for Students Participation in Milestone Project titled "Dr.APJ Abdul Kalam Satellite Launch Vehicle Mission-2023".

ACADEMIC EXCELLENCE

Kingston Engineering College has consistently nurtured academic excellence, with students securing prestigious University Ranks year after year. While this year may not have seen such rankings, it does not define the potential and hard work of our students. Every challenge is an opportunity to grow, and we believe this is just a stepping stone toward greater achievements. With renewed determination, continuous learning, and unwavering dedication, we are confident that our students will rise even higher in the future. The journey of success continues, and the best is yet to come!

For the Academic Year 2023-2024, Out of 318 students, 280 students cleared the semester examination and obtained overall pass percentage of 88.05 in the Anna University Examination.

MoUs SIGNED

Our college has collaborated with industry through Memorandums of Understanding to encourage practical training, expertise exchange, consultancy, and placement.

This year we added few more MoUs with the following industries.

Kriya Nextwealth Private Ltd.

Axles India Ltd.

Airtas Environics Pvt Ltd.

Plastic Omnium Auto Inergy India Pvt Ltd.

Infogro Technology

Kaashiv Infotech



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Dataflair Web Services
Selvi Software Technologies Pvt Ltd.
Ice Steel1 India Pvt Ltd.
Milkyway Cell Tech
Shree Abirami Engineering Private Ltd.
Ims Learning Resource Private Ltd.
Primetec Automotive Parts Pvt Ltd.
Digidoc Solutions
Evr Electricals Private Ltd.
Air Media Broadcast Solutions (P) Ltd.
Relevantz Technology Services
Metro Composites
Crud Operation Private Ltd.
Codoid Systems
Vis Education and Training Company
Shiash Info Solution Pvt. Ltd.
Caparo Engineering India Ltd.
Aveon Infotech Private Ltd.
Focus Logic It Services
Fact Entry Data Solutions
Techfully Pvt. Ltd.
Top Freshers Technologies Pvt. Ltd.

STUDENT SCHOLARSHIP

Scholarship is provided for the students by both Government and Management. Out of 1346 students, 716 students availed scholarships and free ships provided by the Government and Non-Government agencies during the academic year 2023-2024.

RESEARCH AND INNOVATIONS

Faculty research and innovation play a crucial role in colleges, enriching the academic environment, enhancing teaching quality and contributing to societal advancement. Our college's faculty members have published patents.



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- ❖ Dr. U.V. Arivazhagu, Principal, Prof & HOD/CSE published a paper “Gated Capsule Networks for Intrusion Detection Systems to Improve the Security of WSN-IoT” in Ad Hoc & Sensor Wireless Networks.
- ❖ Dr. U.V. Arivazhagu, Principal, Prof & HOD/CSE & published a patent “Design And Optimization of Cantilever FDM 3D Printer”.
- ❖ Dr. U.V. Arivazhagu, Principal, Prof & HOD/CSE published a patent “Securing the Medicine Using Block Chain Concept to Avoid Fake Medicine”.
- ❖ Dr. S. Deepa, Prof/EEE published a patent “Finger Print Recognition Based Access Control System”.
- ❖ Mrs. N. Yasheema, AP/CSE published a patent “Optimal Performance and Security with Division and Replication of Data using Fog Computing”.
- ❖ Mrs. M. Menaka, AP & HOD/IT published a patent “Touch-Less Heartbeat Detection and Cardiopulmonary Modeling”.
- ❖ Dr. N. Shankar Ganesh, Prof/MECH published a paper titled “Exergo environmental "Evaluation of Kalina power generation system” in the Journal “Energy Sources, Part A: Recovery, Utilization, and Environmental Effects”.
- ❖ Dr. N. Shankar Ganesh, Prof/MECH published a paper titled “Performance investigation on novel combined power generation and refrigeration system” in Energy and Environment.
- ❖ Dr.R. Sathya, AP/MBA published a paper titled “Direct Test Effect of Disruptive Technology Acceptance Model (DTAM) on Massive” in the Journal Indian Journal of Science and Technology.
- ❖ Dr.R. Sathya, AP/MBA published a paper titled “Impact of Online class service quality on students’ satisfaction on post COVID-19 - Evidence from selected self-financing Engineering colleges”.
- ❖ Dr. N. Shankar Ganesh, Prof/MECH published a paper titled “3E Investigation on novel ORC-ERC System Suitable for low Temperature Application” in Journal of Process Mechanical Engineering.
- ❖ Dr. N. Shankar Ganesh, Prof/MECH published a paper titled “Energy Analysis of an Innovative Power Generation and Refrigeration” in International Journal of Energy.
- ❖ Dr. N. Shankar Ganesh, Prof/MECH published a paper titled “Evaluation of Novel Power and Refrigeration System Energy and exergy Perspective” in Journal of Thermal Analysis and Calorimetry.



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- ❖ Dr. N. Shankar Ganesh, Prof/MECH published a paper titled “Evaluation on Novel kalina Power generation system through exergo environmental analysis” case studies in Thermal Engineering.
- ❖ Dr. N Sankar Ganesh Prof/MECH & Mr. S Rudra Moorthi AP/MECH published a paper titled “Mechanical Characterisation and experimental analysis of AA6082 Aluminium metal matrix composites reinforced with goat bone ash” in International Journal of Cast Metals Research.
- ❖ Dr. N. Shankar Ganesh, Prof/MECH published a paper titled “Impact of Emulsified Bio-Fuel on the Environment” in Springer Journal.
- ❖ Dr. S. Aswini Priya AP/MBA published a paper titled “Understanding continuance intention of subscription video-on-demand based over-the-top (OTT) platforms: A multiple moderation approach” in Interdisciplinary Journal of Management studies.
- ❖ Dr. S. Aswini Priya AP/MBA published a paper titled “Examining the determinants of FinTech adoption intention: the moderating role of customer advocacy” in International Journal of Process Management and Benchmarking.
- ❖ Ms. S. Nivethitha & Ms. M. Pritheka AP/MBA published a paper titled “Effectiveness of staff contentment improvement at Food and Inns” in Journal of the oriental Institute.
- ❖ Mr. S. Balaji, AP & HOD /CSE published a paper titled “SDN Enabled Employee’s Novel Security Survival with Quantum Key Distribution” in an international journal.
- ❖ Mrs. S. Sugashini AP/CSE published a paper titled” Machine Learning Based Learning Effect Prediction for Improving Students Information Literacy” in an International Journal.
- ❖ Mr. S.V. Charunath AP/MECH published a paper titled “A review on utilization of AI in the selection and manufacturing composite materials for future trends” in an International Journal.
- ❖ Mr. S Rudra Moorthi AP/MECH published a paper titled “Novel approach on characterization and experimental analysis of AA6082 Aluminium metal matrix composites reinforced with goat bone ash” in an International Journal.



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FACULTY DEVELOPMENT PROGRAM/ WORKSHOP/ SEMINAR/WEBINAR/ CONFERENCE

Faculty at KINGSTON keep upgrading as well as updating themselves with the cutting-edge technology, the emerging trends and the industry expectations by attending various national and international seminars, workshops and conferences and prove their mettle by presenting papers and publishing them in reputed journals and updating their knowledge with the current technology by completing the various courses to meet out the gap of the industry.

WORKSHOPS / SEMINARS / CONFERENCES CONDUCTED ON RESEARCH PUBLICATIONS

Kingston Engineering College takes immense pride in the active participation of its faculty members in various professional development programs. Their commitment to learning and research contributes significantly to academic excellence.

Mechanical Engineering Department

- ❖ Mr. R. Vigneshvaran (AP/MECH) Attended Train the Trainer Program on Digital Productivity and AI Influence under Naan Mudhalvan FDP and Completed FDP on Electric Vehicle Technology and Manufacturing (Naan Mudhalvan).
- ❖ Mr. S. Rudra Moorthy (AP/MECH) Attended FDP on Employability Skills - Ethnus (E2324) (Naan Mudhalvan), Participated in FDP on AI Tools for Streamlining Academic Research and Paper Writing.
- ❖ Mr. S.V. Charunath (AP/MECH) Attended FDP on AI Tools for Streamlining Academic Research and Paper Writing and Participated in Workshop on Advanced Composite Materials and Structures.
- ❖ Mr. H. Dineshkumar (AP/MECH) Attended FDP on AI Tools for Streamlining Academic Research and Paper Writing and Participated in Workshop on Advanced Composite Materials and Structures.
- ❖ Dr. N. Shankargansh (PROF/MECH) Organized School Innovation and Development Project (SIDP 2.0).



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Electrical and Electronics Engineering (EEE) Department

- ❖ Dr. S. Deepa (ASSO.PROF/EEE) Attended Innovation, Design, and Entrepreneurship (IDE) Bootcamp, participated in the Regional Meet - Institution Innovation Council (MoE's Innovation Cell) and Attended FDP on Industry 4.0 - Digital Twin for Process Industry.
- ❖ Mrs. N. G. Sowmiya (AP/EEE) Attended FDP on PLC Using SIMATIC and Completed FDP on Applied AI with Deep Neural Network (Naan Mudhalvan).

Electronics and Communication Engineering (ECE) Department

- ❖ Mr. V. Thiyagarajan (AP/ECE) Participated in Regional Meet - Institution Innovation Council (MoE's Innovation Cell).
- ❖ Mr. G. Sathishkumar (AP/ECE) Attended FDP on Current and Future Trends – A Digital Era.
- ❖ Mrs. N. Vanitha (AP/ECE) Attended FDP on Industrial IoT and Industry 4.0 (Naan Mudhalvan).
- ❖ Mr. A. Venkatesan (AP/ECE) Published research paper on Diode Connected Transistor-Based Low PDP Adiabatic Full Adder in 7nm FINFET Technology for MIMO Applications.

Computer Science & IT Department

- ❖ Ms. S. Nathiya (AP/IT) Participated in Regional Meet - Institution Innovation Council (MoE's Innovation Cell).
- ❖ Dr. N. Kannammal (ASSO.PROF/CSE) Attended FDP on Web Technology - Full Stack Using Django.
- ❖ Mrs. K. Poongodi (AP/AIDS) Completed FDP on Data Science Training and Attended FDP on Machine Learning and Artificial Intelligence.
- ❖ Mrs. M. Menaka (AP/IT) Completed 7-Day National Level FDP on Python, Attended One-Day National Level Seminar on Cyber Space – Challenges and Applications, completed 3-Day FDP on Current and Future Trends: A Digital Era and attended 2-Day FDP on Applications of Generative AI (Naan Mudhalvan).



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- ❖ Mr. S. Balaji (AP/CSE) Attended Talkathon – EDC Faculty Coordinators Meet.
- ❖ Mrs. S. Sarah (AP/IT) Attended One-Day National Level Seminar on Cyber Space – Challenges and Applications, completed 3-Day National Level FDP on Current and Future Trends: A Digital Era and attended 3-Day FDP on Recent Trends in AI, ML, and Image Processing for Healthcare and Quality Monitoring Applications.

Science & Humanities Department

- ❖ Mr. A. Touseef Ahmed (AP/S&H) Attended FDP on Advancements in Medical Imaging Through Machine Learning and Deep Learning, Participated in Regional Meet - Institution Innovation Council (MoE's Innovation Cell) and completed Bestselling Author Masterclass Course.
- ❖ Ms. N. Anitha (AP/S&H) Completed Five-Day Online FDP on Innovative Strategies for Creative Classroom Teaching, Attended Five-Day International Virtual FDP on Mathematics and Its Application and Participated in One-Day National Level Workshop on Applications of Graph Theory in New Trends and Small Wireless Area Networks.
- ❖ Dr. V. Elakkiya Attended FDP on Recent Advancements in Chemistry, Management & Business Administration

STUDENT ACTIVITIES AND ACHIEVEMENTS

During the academic year 2023-2024, Kingston Engineering College actively encouraged students to enhance their knowledge through NPTEL courses. A total of 18 courses were offered, with an impressive 1001 students enrolling in various subjects, ranging from programming and artificial intelligence to cloud computing and data science. Despite the rigorous nature of these courses, 48 students successfully completed their respective programs, earning certifications that add value to their academic and professional journey. This initiative reflects the institution's commitment to continuous learning, skill development, and academic excellence.

The NPTEL courses have been successfully completed by several students across various engineering and business administration disciplines. Many students have achieved commendable scores, earning Elite, Silver, and Gold certificates. Notably, courses like "Programming in Java," "Introduction to the Internet of Things," "Cloud Computing," "Psychology of Emotion," "Data Analytics with Python," and "Artificial Intelligence" saw significant participation.



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High achievers include students such as K P Lekha Priyadarshini, who secured an Elite+Gold certificate in "Distributed Systems," and Rohan Samuel J and Gayathri S, who scored exceptionally well in "Big Data Computing" and "Ethical Hacking," respectively. Several students also completed courses like "Machine Learning," "Analog Circuits," and "VLSI Signal Processing" with successful completion certificates. However, some students could not meet the certification criteria due to lower scores or absence from exams, especially in courses such as "Programming in Java," "Blockchain and its Applications," and "Data Science for Engineers." Despite these challenges, the overall performance demonstrates a strong commitment to learning and professional development among students in the fields of Computer Science, Information Technology, Electronics, Electrical Engineering, Mechanical Engineering, and Business Administration.

ADD ON CERTIFICATE COURSES

In addition to regular academic courses, each departments provide a variety of value-added courses.

- ❖ The Department of Electronics and Communication Engineering has conducted two value added course on Embedded Linux for IOT
- ❖ The Department of Civil Engineering has conducted two value added course on Basics of Landscape Design.
- ❖ The Department of Mechanical Engineering has conducted two value added course on Basics of CREO 8.0 for Mechanical Engineers.
- ❖ Department of Artificial Intelligence and Data Science, Computer Science and Business System together conducted value added course on Cloud Computing Technologies (Microsoft Azure & Amazon)
- ❖ The Department of Science & Humanities has conducted value added course on Chemistry in daily life.

INTERNSHIP/INDUSTRIAL VISIT

Internships offer hands-on work experience and skill development. Industrial Visits provide students with exposure to real-world industry settings and operations. Both experiences are valuable for students' professional development. An impressive cohort of 119 students representing diverse academic disciplines embarked on an enriching journey,



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visiting a multitude of esteemed companies namely Vainu Bappu Observatory- Alangayam-Kavalur, Tamil Nadu, Elfonze Technologies-Bengaluru, Milky Mist-Erode-Tamil Nadu, Renault Nissan Technology Business Centre-Mahendra World City-Chennai, India-Japan Lighting Pvt. Ltd-Chennai, EESA Fabricator Pvt. Ltd Vellore, InzaneOne Technology Pvt Ltd as part of their in-plant training initiatives. Throughout their internships, these students had the chance to collaborate with industry professionals, tackle challenging projects, and immerse themselves in the day-to-day operations of diverse industries.

The industrial visits organized for students include several notable companies and institutions. The first visit took place on 06.10.23 and 07.10.23 to Kundah Power House – 1 at Ooty, with 17 Mechanical Engineering and 2 Civil Engineering students from the IV Year / VII Semester. On 24.11.23, II- and III-Year students visited Ashok Leyland Unit-1 in Hosur, with a total of 41 Mechanical Engineering students and 3 Civil Engineering students.

Another visit was scheduled for 28.02.2024 to Neyveli Lignite Corporation (NLC) in Neyveli, where 24 students from the II & III Year / VI & IV Semesters participated. On 18.03.2024, Festo India Pvt. Ltd. in Bengaluru hosted a group of 24 Mechanical Engineering students and 1 Civil Engineering student from the II & III Year / VI & IV Semesters. The final visit listed is to Madras Atomic Power Corporation in Kalpakkam, set for 12.04.2024, with 24 Mechanical Engineering students and 1 Civil Engineering student also from the II & III Year / VI & IV Semesters.

The Department of Computer Science and Engineering conducted various academic activities during the assessment year 2023-2024, including industrial visits, internships, in-plant training, and lab courses. A total of five industrial visits were organized, providing students with practical exposure to industry environments. Additionally, 22 internship and in-plant training programs were arranged to enhance students' hands-on experience, along with 28 lab courses to strengthen their technical knowledge.

The list of industrial visits during the academic year 2023-2024 includes five visits to different companies. On October 6, 2023, 60 students from II CSE 'B' visited NARL, accompanied by four faculty members. Another visit to NARL was conducted on October 13, 2023, for II CSE 'A' students, where 55 students participated with three faculty members. On March 15, 2024, 36 students from III CSE 'B' visited Incresco Technologies with two faculty members.



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Further, on June 12, 2024, 58 students from II CSE 'A' visited IITM Madras Research Park, accompanied by two faculty members. Finally, on June 22, 2024, 57 students from II CSE 'B' had an industrial visit to SHIASH Info Solutions, with two faculty members guiding them.

CELLS AND COMMITTEES

In our college, various cells and committees are established, they provide opportunities for students to develop leadership skills, teamwork, and a sense of responsibility. The Science Club, English Club, Maths Club, Women Empowerment Cell, and R&D Cell orchestrated a diverse range of activities, each catering to different interests and objectives.

- ❖ Together We Can fight- General Awareness about Cancer
- ❖ "Responding to the needs of Adolescents- Victimisation and Criminality Issues"
- ❖ Health & Happiness- Art of Living
- ❖ Women's day celebration-2023
- ❖ Awareness about menstrual health & hygiene
- ❖ Personal hygiene importance & personality development skill for women
- ❖ Smile for a cause- Mother's Day celebration 2023
- ❖ Awareness and Opportunities in Entrepreneurship
- ❖ Seminar on Educate Empower and Evolve
- ❖ Seminar on Creative Communication
- ❖ English Club-Guest Lecture on "Literature and Life"
- ❖ Maths Club-Guest Lecture on "National Mathematics Day"
- ❖ English Club-Guest Lecture on "Eco Criticism Theories"
- ❖ Science Club-Guest Lecture on "National Science Day"
- ❖ Workshop on Satellite Assembly – APJAKSSLVM 2023
- ❖ 18 Hrs- IGEN-Energathon-2023
- ❖ Energy Awareness Session-Sharing experience about the World's largest climate clock assembly & display event by the students.
- ❖ World Earth Day - 2023
- ❖ Energy Literacy Training program
- ❖ IGEN SDG Research Conclave G02/SDG07



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- ❖ World Water Day-2023
- ❖ Inauguration of Medicinal Plant and Herbal Plant Garden
- ❖ IGEN-International Day Celebration
- ❖ Make up your Mind Day 2022 Quiz Contest
- ❖ Energy Conservation Day-2022
- ❖ IGEN-GREEN9-ENSAV Club Inauguration
- ❖ World Ozone Day-Rally
- ❖ Project Expo 2023

STUDENTS SKILL DEVELOPMENT

In addition to academics, students demonstrated their prowess in technical events, symposiums, and project expos, earning accolades in competitions like Tech Spark'23, Code-Athon Symposium, and the Kingston Innovative Technological Hackathon (KITA HON 24). Participation in hands-on training programs such as non-destructive testing, artificial intelligence workshops, and full-stack development further enriched their technical expertise.

The institution's focus on holistic development is evident through the students' engagement in self-defence training programs, business analysis courses, and entrepreneurial skill-building initiatives. Their participation in innovation-driven events like drone technology training, 3D printing workshops, and industry-relevant certifications highlights their preparedness for future career opportunities.

These accomplishments stand as a testament to the students' dedication, the faculty's guidance, and the institution's commitment to fostering academic excellence, innovation, and all-round development. Kingston Engineering College continues to inspire students to push their boundaries, ensuring that they emerge as future leaders and pioneers in their respective fields.

COMMUNITY ENGAGEMENT AND SOCIAL RESPONSIBILITY

Community engagement and social responsibility are integral aspects of an engineering college's mission to contribute positively to society.

- ❖ On 21st February 2024, a General Health Check-up Camp was organized by the NSS unit of KEC in collaboration with Scudder Memorial Hospital (SMH), Ranipet.
- ❖ On 3rd February 2024, a visit to Karunalaya Children's Home was organized by the NSS unit of KEC in collaboration with Duraimurugan Educational Trust.



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- ❖ On 19th January 2024, a General Health Check-up Camp was organized by the NSS unit of KEC in collaboration with Sri Narayani Hospital & Research Centre, Vellore.
- ❖ On 18th December 2023, a Letter Writing Competition on the importance of voting was organized by the NSS unit of KEC in collaboration with the District Election Commission of India and the Electoral Literacy Club.
- ❖ On 3rd November 2023, a Human Chain Awareness Program on account of National Unity Day was organized by the NSS unit of KEC in collaboration with the Tamil Nadu Police Department-Katpadi Circle.
- ❖ On 30th August 2023, the NSS unit of KEC participated in Organ Donation Day, organized by Sri Narayani Hospital & Research Centre, Vellore.
- ❖ On July 25, 2023, an Awareness on Cervical Cancer program was conducted by Dr. Anitha Thomas, a professor from the Department of Gynaecology at Christian Medical College, Vellore. This session emphasized the importance of early detection and prevention of cervical cancer.
- ❖ On December 4, 2023, a session on Adolescent Nutrition - Second Window of Opportunity was delivered by Dr. Anitha R, an Assistant Professor from the Department of Food and Nutrition, Muthurangam Arts College, Vellore. This session focused on the crucial role of nutrition during adolescence and its impact on long-term health.
- ❖ On February 16, 2024, the event Breaking Barriers - Celebrating Women and Girls in Science was conducted by Dr. Rita John, a professor from the Department of Theoretical Physics, University of Madras, Chennai. This program highlighted the achievements of women in science and encouraged young girls to pursue careers in STEM fields.
- ❖ On April 2, 2024, the Awareness on Wheels - Vehicle Exhibition on Cancer Awareness was conducted in collaboration with the Cancer Institute, Chennai. This unique initiative aimed to spread awareness about cancer prevention and treatment through an interactive vehicle exhibition.

PLACEMENT ACTIVITIES

Placement activities at KEC aim to equip students with the skills, resources and connections they need to secure meaningful employment opportunities and launch successful careers after graduation.



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- ❖ On 7th October 2023, KEC hosted a guest lecture on grooming for industry readiness” Campus to corporate” around 58 benefitted.
- ❖ Around 198 participated in a Guest Lecture on Programming Skills for Facing Interviews was conducted on 14th October 2023
- ❖ On 28th October 2023, around 198 students participated in Guest Lecture on Programming Skills for Facing Interviews – Step II
- ❖ Interactive Session on HR Expectations in Fresher Hiring was conducted on 7th November 2023. 136 students benefitted.
- ❖ On 8th November 2023, Interactive Session on Entrepreneurial Mindset and Knowledge for the Younger Generation
- ❖ Power Seminar on Future Ready Generation Z was conducted on 17th November 2023
- ❖ On 9th December 2023, a Guest Lecture on Multi-Disciplinary Skills for Graduates was conducted
- ❖ Workshop on Design Thinking, Critical Thinking, and Innovation was conducted on 3rd February 2024 were 224 students benefitted out of it.
- ❖ On 7th February 2024, guest lecture on Opportunities for Start-Ups in the Present Scenario was conducted.
- ❖ Training Program on Employability Skills: Career Competent Engineer was hosed on 26th to 28th February 2024. Around 180 students benefitted.
- ❖ On 7th March 2024, Motivational Session by Successful Entrepreneur/Start-up Founder: "My Story" was conducted.

ALUMNI CONTRIBUTION

Alumni meet for the academic year was held on 02.10.2023. It was a remarkable event that brought together graduates from various batches, spanning several years of our college's history.

- ❖ On 18.04.24, Mr. Dhanush Ram, Senior Software Engineer at Crux Digital (formerly AFC Digital), Bengaluru, will conduct a program titled "TechXperience with REST APIs for Application Development" for II- and III-year IT students.



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- ❖ On 23.03.24, Ms. T. Harini from Mirafr Software Technologies Pvt. Ltd. will lead a workshop on "Introduction to Embedded Linux using QEMU" for II-year ECE students.
- ❖ On 28.02.24, Mr. Rajan Vimal N, Assistant Manager in HR & Employee Relations at Varite Inc., Bengaluru, will give an alumni talk on "Professional Etiquette for Leaders" aimed at II-year MBA students.
- ❖ D. Ramanarajan from the IT Department (2021 Batch) and Mr. Rohit Mani from the Mechanical Engineering Department (2021 Batch), have been recognized for their outstanding contributions in their respective fields.
- ❖ On 23rd April 2024, in celebration of World Book Day, the Kingston Engineering College Alumni Association conducted a successful Book Donation Drive.

LIBRARY

Kingston has a well-stocked library with latest books, journals, periodicals and newspapers. The digital library has a 3Mbps lease line with enormous online resources from IEEE, IET, ASME, Science Direct, e-resource from Springer, EBSCO Business Elite and also institutionalized membership with DelNet and MalibNet.

NDLI (National Digital Library of India) club within the library can be a fantastic initiative to promote digital literacy, research skills, and access to educational resources among students and faculty.

- ❖ NDLI club conducted a webinar on Social Media and Mental Health on 24th July 2023
- ❖ NDLI club conducted an event for faculty members on Searching the Books in The Library by Given Time on 26th July 2024.
- ❖ NDLI club conducted an event for students on Searching the Books in The Library by Given Time on 16th august 2023.
- ❖ On account of International Literacy Day, NDLI club conducted guest lecture on Boosting Literacy in India- Digital Era



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CELEBRATION AT KNEC

Celebrations at KEC can be a fantastic way to foster a sense of community, promote cultural exchange and provide much-needed breaks from academic rigors. Diverse days are observed, including Pongal, Saraswathi Pooja, Diwali, Independence, Republic, Sports, Cultural, Placement and Induction days.

SPORTS

Kingston Engineering College takes immense pride in its students' outstanding performances in various sports competitions, securing numerous accolades across different events.

In badminton (women's category), the team comprising Priya S, Monica R, Lekha Priyadashini K.P, Srinidhi S, and Madhumathi M secured the silver medal, showcasing remarkable skill and teamwork. The women's volleyball team emerged as winners, with players Srijha S, Srinidhi S, Gayathri S, Madhumitha M, Dharshini Y, Sushmitha U, Arthi K, Deepa K, Kanishka B, Monica R, and Priya S leading the team to victory.

The men's tennis team, featuring Kabilan K, Iniyan P, Bharath Kumar L, Abishek V.P, and Karthikeyan S, clinched the winner's title, demonstrating exceptional performance. Similarly, the men's chess team, consisting of Madeshwaran R, Sriram S, Preaveenkumar M, Loganathan, Manoj Prabhu M, and Sridhar S, secured the first-place position through their strategic gameplay.

In women's basketball, the team, including Srinidhi S, Jeevika E, Srijha S, Akshaya Prathiksha C.K, Kanishka B, Rithicka M, Madhu M, Shilpa S, Saraswathi G, Nisha J, and Shabana Fathima S, secured the second-place title with their commendable efforts. Likewise, the men's football team finished as runners-up, with outstanding contributions from Kamalesh L, Iniyan P, Kabilan K, and other talented players.

The men's volleyball team also made an impressive mark, achieving second place, thanks to the dedication of players like Kugan K, Dhanush M, Sujith S, and others. Meanwhile, the athletics team dominated the track events, with both men's and women's teams securing first place.



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In individual sports, Srijha S delivered an exceptional performance by winning first place in weightlifting and high jump (women's category) in the inter-zone competitions.

The achievements of Kingston Engineering College's athletes reflect their unwavering commitment, perseverance, and team spirit. Their victories stand as a testament to the college's dedication to sports excellence, fostering an environment where students thrive both academically and athletically. Congratulations to all the winners and participants!

STUDENT PROGRESSION

The success stories emerging from our college are diverse, reflecting the varied aspirations and ambitions of our students. The following students have enrolled in higher education after completing their undergraduate programs:

- ❖ Sukesh G (CSE), Dhanush G (CSE), Rahul Raj (CSE), Sanjay S (CSE) - Admitted to M.Tech at VIT, Vellore.
- ❖ Dhvya Dharshini J (CSE), Srinidhi S (IT) - Admitted to M.Tech in AI & ML at VIT, Vellore.
- ❖ Kiruba Joshuakumar S (ECE), Sandhiya Sri P (ECE), Ranjith Raj B (ECE), Vignesh R (EEE) - Admitted to M.Tech in Embedded Systems at VIT, Vellore.
- ❖ Lokesh S (ECE), Gokul Raj S (M.E – ED) - Enrolled in Direct Ph. D at VIT, Vellore.
- ❖ Pradap K (CEC) - Admitted to M.Tech in Electronics and Communication Engineering at VIT, Vellore.
- ❖ Mohan Raj D (IT CSE) - Admitted to M.Tech in CI at VIT, Vellore.
- ❖ Akash A (EEE) - Admitted to M.Tech in Power Electronics and Drives at VIT, Vellore.
- ❖ Pradeep Kumar P (EEE) - Admitted to MBA at Jeppiaar Engineering College, Chennai.

For the academic year 2023-2024, several students have successfully qualified in prestigious state, national, and international level examinations. Manoj Krishna Vayyasi and Bharath Kumar Gollarpalli have cleared the GRE, with Manoj also qualifying in IELTS. Chandiralekha G has successfully cleared the TANCET exam, while Md Abubaker has qualified in GATE. Additionally, Surjith Kumar Srinivasan Venkata has



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demonstrated his proficiency by qualifying in IELTS. Their achievements highlight their dedication and academic excellence in various competitive examinations.

CONCLUSION

Kingston Engineering College is committed to fostering a culture of integrity, passion, and social responsibility by providing lifelong learning opportunities for engineers and technical professionals. With a strong vision, state-of-the-art facilities, and dedicated faculty, the institution empowers students to excel in their respective fields.

Every student possesses unique talents and the potential to shine, and the college encourages them to continuously enhance their knowledge and skills through innovation and creativity. By embracing a mindset of lifelong learning and adaptability, students can shape a promising future and contribute meaningfully to the ever-evolving world of technology and engineering.