

KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY (Autonomous)

Approved by AICTE | Affiliated to Anna University Accredited by NBA (CSE, ECE, EEE & MECH) | Accredited by NAAC
Recognized by UGC with 2(f) & 12(B) and ISO 9001:2015 Certified Institution Tholurpatti, Thottiam, Tiruchirappalli - 621 215.

DEPARTMENT OF BIOMEDICAL ENGINEERING OXYHEMO - NEWSLETTER

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IN THIS EDITION:

Department Vision,
Mission, PEOs, PSOs & POs

Programme Conducted
by the Department

Staff Contributions

Paper Presented &
Programme attended
by the Faculty

Students Contribution

Students Participation

Students Participation
in Other Events

IIT Spoken Tutorial

Internship

Industrial Visit

DEPARTMENT OF BIOMEDICAL ENGINEERING

➤ VISION

To create biomedical engineering graduates through value based education and research with high ethical standards and ensuring professionalism in the health care industry.

➤ MISSION

- Educating the learner to understand the principle, operation, design and application of biomedical instrumentation, electronics and measuring of biomedical signals in human being.
- Creating an interdisciplinary learning environment to conceive new ideas.
- Developing competency for employability and entrepreneurship in core and interdisciplinary areas.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- **PEO1:** Graduates shall be leaders in generating innovative knowledge at the interface of Biology and Engineering.
- **PEO2:** Graduates will show excellence in leadership skills, design, and model new equipments needed for health care and serve the society.
- **PEO3:** Graduates will demonstrate ethical standards, leadership skills, attitude, professional responsibilities, contribute positively to team building and keep themselves engaged in lifelong learning.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- **PSO1:** Professional Skills: Students shall be able to measure, model, manipulate, and make biological systems for powerful new biological technologies.
- **PSO2:** Competency: Students shall be able to apply the concepts of signal and image processing techniques to address the problems of healthcare.

PROGRAM OUTCOMES (POs) Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Programme Conducted by the Department (Conference / Workshop / Seminar / FDP / Guest Lecture / Training / Webinar / Others)

1. The Biomedical Engineering Department Association Inauguration (ZYGOTE) and a seminar on "Dental Hygiene" were conducted on 09.07.2025, with Dr.S.Kumaravel, MDS (Oral & Maxillofacial Surgeon), Kumaravel Dental Clinic, Namakkal, as the Chief Guest.



2. The Anti-Drug Club of KNCET organized an event titled "Pledge Against Drug Abuse" on 11.08.2025. The Honorable Chief Minister of Tamil Nadu led the pledge through an online platform.



3. The Biomedical Engineering Department, in association with the Biomedical Engineering Society of India (BMESI), inaugurated its departmental forum and conducted a seminar on "Electrospinning in Ophthalmology" on 22.08.2025, featuring Dr.R.T.Vishnupriya from Dr.Agarwal's Eye Hospital, Namakkal, as the guest speaker.



4.The Biomedical Engineering Department, in association with the Biomedical Engineering Society of India (BMESI), organized a one-day workshop on “Next-Gen Biomedical Diagnostics” on 29.08.2025, featuring Mr.S.Kumar, M.S.(Melbourne), Vice President – Technical & Business Development, & Mr.Pragadheeswaran Venkat, Chief Technology Officer – Technical & Business Development, both from TMI Systems, Bengaluru.



5.A seminar session on “Innovation/Prototype Validation – Converting Innovation into a Start-up” was conducted on 22.08.2025, featuring Dr.T.Rajamanikandan, Head (IPR & Product Development) and Innovation Ambassador, KIC, Kongunadu College of Engineering and Technology, Trichy.



6.The Biomedical Engineering Department organized an Alumni Guest Lecture on “Unlocking Opportunities in IT: Insights for Career Growth” on 23.08.2025. The resource person was Mr.Deepak Vijayaragavan (Alumni Batch: 2020–2024), System Engineer, Tata Consultancy Services, Chennai.



7.The Biomedical Engineering Department successfully conducted TEKCLUSTER’25, a one-day National Level Technical Symposium, on 13.09.2025, aimed at fostering collaborative knowledge exchange in the field of biomedical engineering.



8.The Biomedical Engineering Department organized a one-day workshop on “IoMT for Next-Gen Patient Care” on 25.09.2025, delivered by Mr.C.Ravikumar, Founder of Eyini Embedded Solutions, Dindigul, as the resource person.



1. The Biomedical Engineering Department organized a one-day workshop on "Clinical Insights of CPAP and BiPAP" on 15.09.2025. The session was delivered by Mr. Ramesh Rethinasamy, Managing Director of Resprotech, Trichy, who served as the resource person.

9. The Department of Biomedical Engineering, in association with the Biomedical Engineering Society of India (BMESI) and in collaboration with Kauvery Hospital, Trichy, organized the Women's Wellness Connect – Mammogram Screening Awareness Programme on 03.09.2025.



12. The Anti-Drug Club of KNCET in association with National Service Scheme jointly organized a Seminar on "Stay Strong: Building A Drug-Free Society" on 12.11.2025. The session was delivered by Mr. T. Thirumurugan, Integrated Counselling and Testing Centre, Counsellor, Kattuputhur.



10. The Biomedical Engineering Department organized an Alumni Guest Lecture on "KNCET Alumnus's Experience as a Biomedical Engineer" on 30.08.2025. The session was delivered by Mr. G. Vijaysakthi (Alumnus: 2021-2025), Biomedical Engineer at Royal Care Super Specialty Hospital Limited, Coimbatore, who shared his professional journey and insights.



Staff Contributions

Staff Achievements and Awards

1. Dr. P. Elamurugan successfully completed the 12-week NPTEL course on "Enclosure Design of Electronic Equipment" with an Elite + Silver certification during the July-October 2025 session.



2. Mr.K.Bashkaran successfully completed the 12-week NPTEL course on "Biomedical Ultrasound: Fundamentals of Imaging and Micromachined Transducers" during the July-October 2025 session.
3. Mr.T.Muthukumar successfully completed the 12-week NPTEL course on "Power Electronics with Wide Band Gap Devices" during the July-October 2025 session.
4. Mr.R.Ragul Kannan successfully completed the 12-week NPTEL course on "Organizational Behaviour" during the July-October 2025 session.
5. Ms.K.Brintha successfully completed the 12-week NPTEL course on "Human Physiology" during the July-October 2025 session.

Publication of Book/Manual

1. Ms.K.Brintha and Mr.T.Ashok co-authored and published a book titled "A Textbook on Human Anatomy and Physiology", through Charulatha Publications, Books & IT Solutions Company, Chennai (ISBN: 978-93-49002-64-7), July 2025.
2. Dr.A.Sampath and Mr.T.Muthukumar co-authored and published a book titled "Electrical Engineering for Biomedical Applications", through Charulatha Publications, Books & IT Solutions Company, Chennai (ISBN: 978-93-49002-92-0), July 2025.
3. Mr.K.Bashkaran and Mr.R.Ragul Kannan co-authored and published a book titled "Medical Physics", through Charulatha Publications, Books & IT Solutions Company, Chennai (ISBN: 978-93-49002-31-9), July 2025.
4. Dr.T.Ashok & Mr.K.Bashkaran co-authored and published a book titled "Analog and Digital Integrated Circuits" through Charulatha Publications, Books & IT Solutions Company, Chennai (978-81-993334 -8-2), November 2025.
5. Dr.P.Elamurugan & Mr.R.Ragul Kannan co-authored and published a book titled "Sensors and Measurements" through Charulatha Publications, Books & IT Solutions Company, Chennai (978-81-993334-1-3), November 2025.

Journal Publications

1. Dr.P.Elamurugan Published a paper titled "Adaptive Facts Control for Voltage Instability Mitigation in Power Grids" in International Journal of Environmental Sciences(Scopus) - ISSN: 2229-7359, Vol. 11, No. 6, 2025 - 3396-3409 - 20.08.2025 - Scopus Indexed Journal.

Conference

1. Dr.P.Elamurugan, Presented a paper titled "Smart Healthcare Data Privacy Enhancement Using PSK-ECC, STh-RNN, Pseudonymization, and Data Diddling" in 2nd International Conference Multidisciplinary Research and Innovations in Engineering (MRIE) - IEEE - K.R. Mangalam University, Gurugram, Haryana 30-31 July 2025.
2. Dr.A.Sampath, Presented a paper titled "Non-Invasive Blood Group Detector Using Nir Spectroscopy" - 5th International Conference - Material Science and Applications (Scopus Indexed) in 2025 - The 5th International Conference On Material Science And Applications: ICMSA 24, AIP Conf. Proc. 3300, Ariyalur, India - 10-11 April 2024.
3. Dr.A.Sampath, Presented a paper titled, Enhancing Coffee Production: Classification of Coffee Leaf Diseases Using Optimizer-Driven Spatial Attention CNN and MSA Optimization" at International Conference on Computational Robotics, Testing and Engineering Evaluation (ICCRTEE) 2025 - ICCRTEE - Virudhunagar, India - 28-30 May 2025.
4. Dr.T.Ashok, presented a paper titled "Explainable AI for Holistic Wellness Planning: Transparent Personalization of Exercise, Diet, and Mental Health Routines" - 2025 International Conference on Emerging Trends in Networks and Computer Communications (ETNCC) - IEEE Xplore - Namibia University of Science and Technology, UNESCO Chair on Secure High-Performance Computing for Higher Education and Research (IEEE) - 05.08.2025 to 07.08.2025.
5. Mr.T.Muthukumar, presented a paper titled, "Automatic Image Tagging - 2025 International Conference on Emerging Trends in Networks and Computer Communications (ETNCC) - IEEE Xplore - Namibia University of Science and Technology, UNESCO Chair on Secure High-Performance Computing for Higher Education and Research (IEEE) - 05.08.2025 to 07.08.2025.
6. Mr.K.Bashkaran, presented a paper titled, "Real-Time Animation Rendering Optimization Using Reinforcement Learning and Neural Radiance Fields (NeRF)" - 2025 International Conference on Emerging Trends in Networks and Computer Communications (ETNCC) - IEEE Xplore

✿ Paper Presented & Programme attended by the Faculty

Faculty Development Program (FDP)

- Namibia University of Science and Technology, UNESCO Chair on Secure High-Performance Computing for Higher Education and Research (IEEE) - 05.08.2025 to 07.08.2025.
5. Mr. K. Bashkaran, presented a paper titled, "Big Data-Driven Character Behaviour Prediction for Adaptive Animation Storytelling" - 2025 International Conference on Emerging Trends in Networks and Computer Communications (ETNCC) - IEEE Xplore - Namibia University of Science and Technology, UNESCO Chair on Secure High-Performance Computing for Higher Education and Research (IEEE) - 05.08.2025 to 07.08.2025.
6. Mr. K. Bashkaran, presented a paper titled, "Self-Supervised Learning for Motion Synthesis and Prediction in Animated Characters" - 2025 International Conference on Emerging Trends in Networks and Computer Communications (ETNCC) - IEEE Xplore - Namibia University of Science and Technology, UNESCO Chair on Secure High-Performance Computing for Higher Education and Research (IEEE) - 05.08.2025 to 07.08.2025.
7. Mr. K. Bashkaran, presented a paper titled, "Cinematic Scene Classification and Shot Boundary Detection Using Hybrid CNN-LSTM Networks" - 2025 International Conference on Emerging Trends in Networks and Computer Communications (ETNCC) - IEEE Xplore - Namibia University of Science and Technology, UNESCO Chair on Secure High-Performance Computing for Higher Education and Research (IEEE) - 05.08.2025 to 07.08.2025.
8. Mr. R. Ragul Kannan, presented a paper titled, "Customer Churn Prediction in E-commerce Using AutoML and Explainable AI Frameworks" - 2025 International Conference on Emerging Trends in Networks and Computer Communications (ETNCC) - IEEE Xplore - Namibia University of Science and Technology, UNESCO Chair on Secure High-Performance Computing for Higher Education and Research (IEEE) - 05.08.2025 to 07.08.2025.
1. Mr. T. Muthukumar, Mr. K. Bashkaran, and Mr. R. Ragul Kannan successfully completed a 10-day (40-hour) online Faculty Development Programme on "Artificial Intelligence for 5G/6G Communication Systems and Signal Processing Applications", held from 19.05.2025 to 29.05.2025. The programme was sponsored by MeitY, Government of India, and organized by the E & ICT Academy, NIT Warangal, in association with M. Kumarasamy College of Engineering, Karur.
2. Mr. T. Ashok and Mr. K. Bashkaran participated in a five-day Faculty Development Programme on "AI in Healthcare Management", organized by PET Engineering College, Vallioor, from 16.07.2025 to 22.07.2025.
3. Mr. K. Bashkaran participated in a one-week National Level Faculty Development Programme on "From Concept to Manuscript: Mastering the Art of Research Paper Writing", organized by Jaya College of Engineering and Technology, Chennai, from 16.07.2025 to 22.07.2025.
4. Dr. A. Sampath participated in a six-day International Faculty Development Programme on "Advances in Biomedical Engineering, Healthcare Innovation, and Research Data Automation: A Global Perspective", organized by Easwari Engineering College, Chennai, from 30.06.2025 to 05.07.2025.
5. Mr. R. Ragul Kannan participated in a five-day Faculty Development Programme on "AI, ML & Deep Learning for Autonomous Vehicles", organized by STEP-National Institute of Technology Karnataka in association with Pantech eLearning, from 28.07.2025 to 01.08.2025.
6. Dr. P. Elamurugan & Dr. A. Sampath participated in a one-week AICTE-recognized Faculty Development Programme on "Curriculum Development Using Outcome-Based Approach", conducted by the Curriculum Development Centre, Department of NITTTTR (Chandigarh), at Kongunadu College of Engineering and Technology, Trichy, from 04.08.2025 to 08.08.2025.

7. Mr.R.Ragul Kannan participated in a five-day Faculty Development Programme on "Generative AI", organized by Brainovision Solutions India Pvt. Ltd., in collaboration with AICTE and hosted by Kangeyam Institute of Technology, Tirupur, from 04.08.2025 to 08.08.2025.
8. Dr.A.Sampath attended a five-day online technical seminar on "iConnect: Industry Insights for Tomorrow's Engineers", organized by RVS Technical Campus, Coimbatore, from 14.07.2025 to 18.07.2025.
9. Mr.T.Muthukumar, Ms. S. Priyadharshini and Ms.U.K.Subhiksha participated in a workshop on "Digital Image Processing Using MATLAB", organized by Indian Info Tech, Research & Training Center, on 22.08.2025.
10. Mr.T.Muthukumar attended a workshop on "AI-Based Gesture Recognition in Embedded Systems", organized by Indian Info Tech, Research & Training Center, on 30.08.2025.
11. Dr.A.Sampath participated in a five-day online Faculty Development Programme on "Agentic AI for Smart Healthcare and Medical Technologies", organized by KLE Technological University, held from 01.09.2025 to 05.09.2025.
12. Mr.T.Muthukumar, Mr.R.Ragul Kannan and Ms. S. Priyadharshini attended a five-day Faculty Development Programme on "Artificial Intelligence and Machine Learning", organized by Rajiv Gandhi University (a Central University) in association with Pantech eLearning, held from 15.09.2025 to 19.09.2025.
13. Dr.P.Elamurugan participated in an AICTE ATAL Academy Faculty Development Programme on "Integrating AI Technologies for MSME Digitization in the Smart Manufacturing Era", held at Dronacharya Group of Institutions, Greater Noida, from 22.09.2025 to 27.09.2025.
14. Dr.A.Sampath attended a six-day online Faculty Development Programme on "Emerging Trends in Advanced Healthcare Devices", organized by Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College, from 22.09.2025 to 27.09.2025.
15. Dr.P.Elamurugan, Ms.K.Britha, Ms.S.Priyadharshini, and Ms.U.K. Subhiksha participated in an AICTE ATAL Academy Faculty Development Programme on "AI and Innovative Engineering in Healthcare: From Smart Implants to Wearable Tech", held at MODY University of Science and Technology, from 06.10.2025 to 11.10.2025.
16. Dr.T.Ashok, Mr.K.Bashkaran attended a five-day Faculty Development Programme on "Exploratory Data Analytics (EDA)-Tools and Techniques", organized by Velammal College of Engineering and Technology, held from 24.11.2025 to 29.11.2025.
17. Mr.T.Muthukumar attended a Faculty Development Programme on "Smart Energy Storage Technologies: From Research to Real-World Applications", organized by ATAL association with Government College of Engineering, Kannur held from 16.12.2025 to 22.12.2025.
18. Mr.K.Bashkaran attended a Faculty Development Programme on "Quantum Intelligence: AI Quantum Convergence in Cyber Défense and Space Technologies", organized by ATAL association with Panimalar Engineering College held from 01.12.2025 to 06.12.2025.
19. Mr. R. Ragul Kannan, attended a Faculty Development Programme on "Emerging 2D Semiconductor Devices: Powering the Future of Nanoarchitectonics", organized by ATAL association with National Institute of Technology, Jamshedpur held from 15.12.2025 to 20.12.2025.
20. Mr. R. Pandu Rangan, Mr. M. Arun Kumar, attended a Faculty Development Programme on "Next Generation Medical Automation: The Role of AI and IoMT in Transforming Healthcare Systems", organized by ATAL association with Kongunadu College of Engineering and Technology held from 01.12.2025 to 06.12.2025.

21. Dr.P.Elamurugan, attended a Faculty Development Programme on "Enclosure Design of Electronics Equipment" organised by NPTEL from July to Oct 2025.
22. Mr.T.Muthukumar, attended a Faculty Development Programme on "Power Electronics with Wide Band Gap Devices" organised by NPTEL from July to Oct 2025.
23. Mr.K.Bashkaran, attended a Faculty Development Programme on "Research Methods in Health Promotion" organised by NPTEL from July to Oct 2025.
24. Mr.K.Bashkaran, attended a Faculty Development Programme on "Biomedical Ultrasound: Fundamentals of Imaging and Micromachined Transducers" organised by NPTEL from July to Oct 2025.
25. Mr.R.Ragul Kannan, attended a Faculty Development Programme on "Organizational Behaviour" organised by NPTEL from July to Oct 2025.
2. Mr.T.Muthukumar, attended a workshop titled on "Digital Image Processing using MATLAB" organized by Indian Info Tech, Research & Training Center on 22.08.25.
3. Ms.S.Priyadharshini, attended a workshop titled on "Digital Image Processing using MATLAB" organized by Indian Info Tech, Research & Training Center on 22.08.25.
4. Ms.U.K.Subhiksha, attended a workshop titled on "Digital Image Processing using MATLAB" organized by Indian Info Tech, Research & Training Center on 22.08.25.
5. Mr.T.Muthukumar, attended a workshop titled on "Digital Image Processing using MATLAB" organized by Indian Info Tech, Research & Training Center on 22.08.25.
6. Mr.T.Muthukumar, attended a workshop titled on "AI based Gesture Recognition in Embedded Systems" organized by Indian Info Tech, Research & Training Center on 30.08.25.
7. Mr.R.Ragul Kannan, attended a workshop titled on "Introduction to Artificial Intelligence" organized by Simplilearn on 29.09.25.

✿ Staff as a resource person

1. Dr.A.Sampath served as the resource person for the seminar on "Business Model Canvas (BMC)" held at Mahendra Institute of Technology, Mallasamudram, Namakkal, on 04.09.2025.
2. Dr.P.Elamurugan served as the resource person for the seminar on "AI Applications for Electric Vehicles" held at M.A.M. School of Engineering (Autonomous), Trichy, on 24.10.2025.

✿ Workshop

1. Dr.A.Sampath, attended a workshop titled on "iConnect: Industry Insights for Tomorrow's Engineer's" held at RVS Technical Campus, Coimbatore from 14.07.25 to 18.07.25.

✿ Industrial Training

1. Dr.P.Elamurugan, Mr.R.Ragul Kannan has undergone the Industrial training at Sri Anchana Diagnostic Distributors, Karur.
2. Mr. T. Muthukumar, Mr.K.Bashkaran has undergone the Industrial training at Resprotech, Trichy.
3. Ms.K.Britha, Ms.S.Priyadharshini and Ms.U.K.Subhiksha has undergone the Industrial training at EYINI Embedded solutions, Dindigul.

10 **Students Contribution**
Students won in competitions
(Curricular/Extra Curricular Activities)

NPTEL Swayam

1. The NPTEL course on "Enclosure Design of Electronic Equipments" was completed by IV-year Biomedical Engineering students during the July to October 2025 session.

1.	621322121001	Abinaya S	Elite
2.	621322121002	Abinaya S	Elite+Silver
3.	621322121003	Abitha S	Elite+Silver
4.	621322121004	Ajith M	Elite+Gold
5.	621322121005	Amirtha Varshini V	Elite+Silver
6.	621322121006	Archana J	Elite
7.	621322121007	Balaji D	Elite+Silver
8.	621322121008	Barath R	Elite
9.	621322121009	Dhanushri N	Elite+Silver
10.	621322121010	Dharanasri C	Completed
11.	621322121011	Dharani A	Elite+Silver
12.	621322121012	Dharanidharan N	Elite+Silver
13.	621322121013	Dharshini Sri I	Elite+Silver
14.	621322121014	Dhivakar S	Elite+Silver
15.	621322121015	Dhivya R	Elite
16.	621322121016	Dhivyabharathi R	Elite+Silver
17.	621322121017	Gangasri A	Elite+Silver
18.	621322121018	Gobika V	Elite
19.	621322121019	Gobika V	Elite
20.	621322121020	Gopinath K	Elite
21.	621322121021	Gopinath S	Elite
22.	621322121022	Gunasri V	Completed
23.	621322121023	Jayadevi T	Elite+Silver
24.	621322121025	Kaviselvan P	Completed
25.	621322121026	Kaviya A	Elite+Silver
26.	621322121027	Kiruthika A	Elite
27.	621322121028	Lalitha B	Elite
28.	621322121029	Lavanya K	Elite
29.	621322121030	Lithika M	Elite
30.	621322121031	Narmatha G	Elite+Silver
31.	621322121033	Nithish Kumar S	Elite+Silver
32.	621322121035	Preethi M	Completed
33.	621322121036	Prithika M	Elite
34.	621322121037	Prithika S	Elite
35.	621322121039	Radha S	Elite
36.	621322121040	Rishi S	Completed
37.	621322121042	Sanjay M	Elite+Silver
38.	621322121043	Saravanan K S	Elite
39.	621322121044	Savitha G	Elite
40.	621322121045	Shambavi T	Elite
41.	621322121046	Shobana Devi S	Elite+Gold
42.	621322121047	Sindhuja S	Elite+Silver
43.	621322121048	Sivadarshini R	Elite
44.	621322121049	Srinidhi J	Elite+Gold
45.	621322121050	Srinivaas S K	Elite

46.	621322121051	Swetha S	Elite+Silver
47.	621322121052	Swetha S	Elite+Silver
48.	621322121053	Swetha V	Elite+Gold
49.	621322121054	Thariha Varsini P	Completed
50.	621322121055	Vaishnavi B	Elite
51.	621322121056	Vaishnavi R	Elite+Gold
52.	621322121057	Valarmathi S	Elite
53.	621322121058	Varsha M	Completed
54.	621322121059	Varsha R	Elite+Gold
55.	621322121060	Vikram C	Elite+Gold
56.	621322121061	Yuvasri R	Elite
57.	621322121301	Nantheeswaran K	Elite

2. The NPTEL course on "Organizational Behaviour" was completed by III-year Biomedical Engineering students during the July to October 2025 session.

1.	621323121002	Ammu S	Completed
2.	621323121005	Aswiyasri M	Elite
3.	621323121007	Bhavadharani G	Elite
4.	621323121008	Deepika V	Elite
5.	621323121010	Devika S	Elite + Silver
6.	621323121012	Dharani N	Completed
7.	621323121013	Dharshika A	Elite
8.	621323121014	Divyadarshini K	Elite
9.	621323121015	Elavarasi C	Elite
10.	621323121016	Farshana Begum M	Elite
11.	621323121019	Gokul S	Completed
12.	621323121021	Gokularasu R P	Completed
13.	621323121023	Harish K	Completed
14.	621323121024	Hemalatha S	Elite
15.	621323121025	Indhumathi M	Elite
16.	621323121026	Janani A S	Elite
17.	621323121027	Jananisri B	Completed
18.	621323121028	Kanishka I	Completed
19.	621323121029	Kavinayaa S N	Completed
20.	621323121031	Monika R	Elite
21.	621323121032	Monish S	Completed
22.	621323121033	Monisha M	Elite
23.	621323121034	Monisha M	Completed
24.	621323121035	Mukesh J	Elite
25.	621323121039	Praveenkumar G	Completed
26.	621323121040	Priyadarshini R	Elite
27.	621323121041	Ragavi R	Elite
28.	621323121042	Rathika L	Completed
29.	621323121045	Roobika M	Completed
30.	621323121046	Sadhana P	Completed
31.	621323121049	Sathyaseelan T	Completed
32.	621323121053	Sharmi S	Completed
33.	621323121054	Shobana B	Completed
34.	621323121055	Srinithi M	Elite
35.	621323121056	Srinithi S	Elite
36.	621323121057	Sudhanram S	Elite
37.	621323121058	Surendhar S	Elite
38.	621323121059	Thishon Rabi A	Completed
39.	621323121061	Vasanth P	Elite
40.	621323121062	Vidhya M	Elite

3. The NPTEL course on “Organizational Behaviour” was completed by II-year Biomedical Engineering students during the July to October 2025 session.

1.	621324121001	Abdur Rahman M	Elite
2.	621324121002	Ajay S	Completed
3.	621324121003	Anuja S	Completed
4.	621324121004	Deepika V	Elite
5.	621324121005	Devi Sri A	Completed
6.	621324121011	Gobika S	Completed
7.	621324121012	Gokul G	Elite
8.	621324121013	Gopika K	Elite
9.	621324121014	Jayasri N	Elite
10.	621324121015	Kanishka B R	Completed
11.	621324121016	Kanishka S	Elite
12.	621324121017	Kavimalar A	Elite
13.	621324121018	Kaviya K	Completed
14.	621324121019	Madhan M	Completed
15.	621324121020	Mahalakshmi P	Elite
16.	621324121021	Manikandan M	Elite
17.	621324121022	Navya Sri M	Completed
18.	621324121024	Nithesh T	Elite
19.	621324121026	Poorvitha R K	Elite
20.	621324121027	Pradeep B	Elite
21.	621324121028	Priyadharshini R	Completed
22.	621324121030	Ragul R	Elite
23.	621324121031	Rajaveni S	Elite + Silver
24.	621324121032	Rajeshwari M	Elite
25.	621324121033	Raveena B	Elite + Silver
26.	621324121034	Renuka R	Elite
27.	621324121035	Reshma E	Elite
28.	621324121036	Rishika A	Elite
29.	621324121037	Rukmani P	Completed
30.	621324121038	Sakthi Nathan M	Elite
31.	621324121039	Saranya P	Completed
32.	621324121040	Sathyapriya M	Completed
33.	621324121041	Shagana S	Completed
34.	621324121042	Shakil Ahamed K S	Completed
35.	621324121043	Shalini S	Completed
36.	621324121044	Sharmila R	Elite + Silver
37.	621324121045	Shrinithy R	Elite
38.	621324121047	Suvetha K	Completed
39.	621324121048	Swetha R	Elite
40.	621324121050	Vaisnavineka P V	Elite
41.	621324121053	Vinothini C	Elite
42.	621324121055	Vishal S	Elite
43.	621324121057	Yasotha S	Completed
44.	621324121059	Yuvarahini D	Completed

🌸 Prize Won

1. Deepika V and Srinithi S of the third year secured the first prize in the paper presentation at the Young Innovation Fair – 2025, organized by Excel Engineering College (Autonomous), Komarapalayam, on 30.08.2025.

2. Hemalatha S, Indhumathi M, and Monika R of the third year won the first prize in the poster presentation at the Young Innovation Fair – 2025, organized by Excel Engineering College (Autonomous), Komarapalayam, on 30.08.2025.

3. Dharshika A of the third year received the third prize in Paper Fiesta – SCIENSEA 2K25, organized by Kongu Engineering College (Autonomous), Erode, on 26.09.2025.

4. Sivadharshini R of the final year achieved the first prize in the paper presentation at Techsym SAṆYU – 2025, organized by Sengunthar Engineering College (Autonomous), Tiruchengode, held from 25.09.2025 to 26.09.2025.

5. Dharanidharan N of the final year participated in the paper presentation event at the National Level Technical Symposium BIOFRONTIERZ – 2K25, organized by M.A.M. College of Engineering, Trichy, on 15.10.2025.

6. Dharanidharan N of the final year received the second prize in the poster presentation event at the National Level Technical Symposium BIOFRONTIERZ – 2K25, organized by M.A.M. College of Engineering, Trichy, on 15.10.2025.

🌸 Participation in Paper Presentation

1. Divya P, Gopika K, Kavimalar A, Navya Sri M, Rajaveni S, Sharmila R, and Yuvarahini D of the second year participated in the technical symposium BIONIC 2K25, organized by Muthayammal Engineering College (Autonomous), Rasipuram, on 12.08.2025.

2. Yasotha S of the second year participated in the technical symposium SYMAI 2K25, organized by Muthayammal Engineering College (Autonomous), Rasipuram, on 13.08.2025.

3. Vaisnavineka P V of the second year participated in the technical symposium SYMCOSCI 2K25, organized by Muthayammal Engineering College (Autonomous), Rasipuram, on 13.08.2025.
 4. Ammu S, Deepika V, Devika S, Hemalatha S, Indhumathi M, Jananisri B, Monika R, Monisha M, Monisha M, Sarvika M, Srinithi S, and Vidhya M, students of the third year, participated in the Young Innovation Fair - 2025, organized by Excel Engineering College (Autonomous), Komarapalayam, on 30.08.2025.
 5. Anuja S, Devisri A, Gobika S, Kanishka S, Priyadharshini R, Raveena B, Sathyapriya M, Shalini S, and Swetha R of the second year participated in the PASUMAIVANAM CLUB - ECOFEST'25, organized by Kongu Engineering College (Autonomous), Erode, on 15.09.2025.
 6. Devika S, Hemalatha S, Indhumathi M, and Srinithi S of the third year participated in the PASUMAIVANAM CLUB - ECOFEST'25, organized by Kongu Engineering College (Autonomous), Erode, on 15.09.2025.
 7. Amirtha Varshini V, Prithika M, Prithika S, and Shobana Devi S of the final year participated in the national-level technical symposium organized by Sri Sai Ranganathan Engineering College (Autonomous), Coimbatore, on 19.09.2025.
 8. Kanishka S and Renuka R of the second year participated in the national-level technical symposium AINSPIRE 2K25, organized by Indra Ganesan College of Engineering (Autonomous), Trichy, on 19.09.2025.
 9. I. Elavarasi C, Gayathri G, Kanishka I, and Kavinayaa S N of the third year participated in the national-level technical symposium AINSPIRE 2K25, organized by Indra Ganesan College of Engineering (Autonomous), Trichy, on 19.09.2025.
 10. Dharanidharan N and Nantheeswaran K of the final year participated in the national-level technical symposium AINSPIRE 2K25, organized by Indra Ganesan College of Engineering (Autonomous), Trichy, on 19.09.2025.
 11. Praveenkumar G, Rohit Sarathi K, Sudhanram S, and Surendhar S of the third year participated in the national-level technical symposium TECHSYM SARAYU - 2025, organized by Sengunthar Engineering College (Autonomous), Tiruchengode, between 25.09.2025 and 26.09.2025.
 12. Kaviya A, Lalitha B, Swetha S, and Swetha V of the final year participated in the national-level technical symposium TECHSYM SARAYU - 2025, organized by Sengunthar Engineering College (Autonomous), Tiruchengode, between 25.09.2025 and 26.09.2025.
 13. Rishika A of the second year participated in FUSION FESTA 2025, organized by Sethu Institute of Technology (Autonomous), Pollachi, on 26.09.2025.
 14. Ragul R, Rukmani P, Shagana S, Shakil Ahamed K S, Vishal S, and Yasotha S of the second year participated in the 15th national-level technical symposium CRYOSAT '25, organized by Nandha College of Technology, Erode, on 26.09.2025.
 15. Srinithi M and Udhayakumari S of the third year participated in the 15th national-level technical symposium CRYOSAT '25, organized by Nandha College of Technology, Erode, on 26.09.2025.
 16. Dharanidharan N and Nandeewaran K of the final year participated in the national-level technical symposium BIOFRONTIERZ - 2K25, organized by M.A.M. College of Engineering, Trichy, on 15.10.2025.
- * Participation in Workshop**
1. Mukesh J of the third year attended a medical coding workshop on 22.06.2025, organized by Thought Flows (Medical Coding Academy), Salem.

2. Anuja S, Gopika K, Navya Sri M, Yuvarahini D, and Swetha R of the second year attended a medical coding workshop on 22.06.2025, organized by Thought Flows (Medical Coding Academy), Salem.
3. Bharathraj T, Gugan R, Muthupandi K, Prasannavengadesan E, Selvaranjith P, and Sudhanram S of the third year attended a two-day All India workshop on "Potential Applications of Artificial Intelligence and Machine Learning in Electrical Engineering", organized by The Institution of Engineers (India) in association with Kongunadu College of Engineering and Technology, Trichy, on 10.07.2025.
4. Ajay S, Ragul R, Shakil Ahamed K S, and Vishal S of the third year attended a two-day All India workshop on "Potential Applications of Artificial Intelligence and Machine Learning in Electrical Engineering", organized by The Institution of Engineers (India) in association with Kongunadu College of Engineering and Technology, Trichy, on 10.07.2025.
5. Anuja S, Renuka R, and Vaisnavineka P V of the second year attended a workshop on "MATLAB", organized by Indian Info Tech, Research & Training Center, on 15.08.2025.
6. Divyadharshini K of the third year attended a workshop on "MATLAB", organized by Indian Info Tech, Research & Training Center, on 15.08.2025.
7. Shagana S of the second year attended a workshop on "Object Detection Using AI", organized by Indian Info Tech, Research & Training Center, on 20.08.2025.
8. Shagana S of the second year attended a workshop on "Digital Image Processing Using MATLAB", organized by Indian Info Tech, Research & Training Center, on 22.08.2025.
9. Ajith M, Gopinath K, and Sanjay M of the final year attended a workshop on "Mechanics of Muscles: Models, Movements and Measurements", organized by GIAN - National Institute of Technology, Trichy, from 25.08.2025 to 29.08.2025.
10. Poorvitha R K and Raveena B of the second year attended a workshop on "Road Sign Detection Using AI", organized by Indian Info Tech, Research & Training Center, on 27.08.2025.
11. Niswan V V and Ragul R of the second year attended a workshop on "Quant Quest - A Pathway to Competitive Success", organized by Kongu Engineering College, Erode, on 29.08.2025.
12. Anuja S, Gobika S, Gopika K, Kanishka B R, Kanishka S, Poorvitha R K, Priyadharshini R, Renuka R, and Yamuna Sri S of the second year attended a workshop on "Next-Gen Biomedical Diagnostics", organized by Kongunadu College of Engineering and Technology (Autonomous), Trichy, on 29.08.2025.
13. Ammu S, Aparna A, Dharani N, Elavarasi C, Jananisri B, Kanishka I, Kavinayaa S N, Monish S, Monisha M, Mukesh J, Rathika L, Sadhana P, Senthamilventhan S, and Vidhya M of the third year attended a workshop on "Next-Gen Biomedical Diagnostics", organized by Kongunadu College of Engineering and Technology (Autonomous), Trichy, on 29.08.2025.
14. Rishi S, Roobasekar B, and Srinivaas S K of the final year attended a workshop on "Next-Gen Biomedical Diagnostics", organized by Kongunadu College of Engineering and Technology (Autonomous), Trichy, on 29.08.2025.
15. Kanishka S and Poorvitha R K of the second year attended a workshop on "AI-Based Gesture Recognition in Embedded Systems", organized by Indian Info Tech, Research & Training Center, on 30.08.2025.
16. Kanishka S, Poorvitha R K, and Raveena B of the second year attended a workshop on "Deep Learning Algorithms", organized by Indian Info Tech, Research & Training Center, on 03.09.2025.

17. Anuja S, Gobika S, and Raveena B of the second year attended a workshop on "Breast Cancer Prediction Using ML in the Biomedical Field", organized by Indian Info Tech, Research & Training Center, on 06.09.2025.
18. Mukesh J of the third year attended a workshop on "Image Classification Using Deep Learning", organized by Indian Info Tech, Research & Training Center, on 10.09.2025.
19. Mukesh J of the third year attended a workshop on "PCB Designing", organized by Indian Info Tech, Research & Training Center, on 13.09.2025.
20. Raveena B of the second year attended a workshop on "PCB Designing", organized by Indian Info Tech, Research & Training Center, on 13.09.2025.
21. Mukesh J, Thishon Rabi A, and Kanishka S of the third year attended a workshop on "License Plate Recognition Using AI", organized by Indian Info Tech, Research & Training Center, on 17.09.2025.
22. Anuja S of the second year attended a workshop on "Arduino UNO: Basics and Beyond", organized by Indian Info Tech, Research & Training Center, on 20.09.2025.
23. Mukesh J of the third year attended a workshop on "Arduino UNO: Basics and Beyond", organized by Indian Info Tech, Research & Training Center, on 20.09.2025.
24. Mukesh J of the third year attended a workshop on "Market Analysis Using ML", organized by Indian Info Tech, Research & Training Center, on 25.09.2025.
25. Mukesh J and Thishon Rabi A of the third year attended a workshop on "Attendance System Using AI", organized by Indian Info Tech, Research & Training Center, on 01.10.2025.
2. Aparna A and Sadhana P of the third year participated at Innovators Day 2025 - A National Level 24 Hrs Hackathon between 19.09.2025 & 20.09.2025, organized by Sri Manakula Vinayagar Engineering College (Autonomous), Puducherry.
3. Abitha S, Dhanushri N, Dhivya R and Varsha R of the final year participated at Innovators Day 2025 - A National Level 24 Hrs Hackathon between 19.09.2025 & 20.09.2025, organized by Sri Manakula Vinayagar Engineering College (Autonomous), Puducherry.
4. Aswiyasri M, Dharshika A, Divyadharshini K, Gokul S, Mukesh J, Sadhana P and Vasanth P of the third year participated at Project Presentation - Sciensea 2K25 on 26.09.2025 organized by Kongu Engineering College (Autonomous), Erode.
5. Srinithi M, Udhayakumari S of the third year participated at Project Presentation - 15th National Level Technical Symposium - CRYOSAT '25 on 26.09.2025 organized by Nandha College of Technology, Erode.
6. Gokulakrishnan V, Gokularasu R P, Muthupandi K, Prasannavengadesan E, Prasannavengadesan E, Selvaranjith P of the third year participated at Project Expo - National Level Technical Symposium - Techsym SAṚYU - 2025 on 25.09.2025 - 26.09.2025 organized by Sengunthar Engineering College (Autonomous), Tiruchengode.

✿ IIT Spoken Tutorial

1. Fifty-nine students of IV Year have successfully completed the IIT Spoken Tutorial on "ARDUINO" training.
2. Fifty-eight students of III Year have successfully completed the IIT Spoken Tutorial on "JAVA" training.
3. Forty-six students of II Year have successfully completed the IIT Spoken Tutorial on "Introduction to Computers" training.

✿ Participation in Project Presentation

1. Vasanth P of third year participated at National Level "ECLearnix Hackathon 360 Innovation Challenge" project on 23.07.2025, organized by ECLearnix Hackathon 360.

✿ Internship

1. Aadham M, Devakeerthan S, Muthupandi K, Prasannavengadesan E, and Senthamilventhan S, third-year students, underwent an internship at Ilife Technologies, Trichy, during the period from 11.06.2025 to 21.06.2025.
2. Ammu S, Monisha M, Srinithi M, Udhayakumari S, and Vidhya M, third-year students, underwent an internship at Codebind Technologies, Trichy, during the period from 06.06.2025 to 23.06.2025.
3. Anupriya T, a third-year student, underwent an internship at Esoft IT Solutions, Trichy, during the period from 09.06.2025 to 25.06.2025.
4. Aparna A, Dharshika A, Gohuladharshini S, Jananisri B, Sarvika M, and Shobana B, third-year students, underwent an internship at Medifocus India Private Limited, Chennai, during the period from 09.06.2025 to 25.06.2025.
5. Aswiyasri M, Dharani N, Divyadharshini K, Ragavi R, Roobika M, and Sadhana P, third-year students, underwent an internship at Evolute Bioscience, Trichy, during the period from 09.06.2025 to 25.06.2025.
6. Bharathraj T, Gokul S, Gokulakrishnan V, Harish K, Kiruthick P, Monish S, Mukesh J, Surendhar S, and Vasanth P, third-year students, underwent an internship at Anchor Medical Devices, Salem, during the period from 11.06.2025 to 27.06.2025.
7. Bhavadharani G, Elavarasi C, Gayathri G, Kanishka I, Priyadharshini R, and Sharmi S, third-year students, underwent an internship at Newton Biomedical Services, Karur, during the period from 09.06.2025 to 25.06.2025.
8. Deepika V, Devika S, Hemalatha S, Indhumathi M, Monika R, and Srinithi S, third-year students, underwent an internship at Witspire Solutions, Trichy, during the period from 06.06.2025 to 24.06.2025.
9. Dhanushree G, Farshana Begum M, Janani A S, Rathika L, and Rohini D, third-year students, underwent an internship at Codebind Technologies, Salem, during the period from 10.06.2025 to 25.06.2025.
10. Gokularasu R P, Praveenkumar G, Rohit Sarathi K, Selvaranjith P, Sudhanram S, and Thishon Rabi A, third-year students, underwent an internship at Galwin Technology, Trichy, during the period from 09.06.2025 to 25.06.2025.
11. Gugan R, Saminathan S, and Sathiyaseelan T, third-year students, underwent an internship at VM Medi Tech Pvt. Ltd., Chennai, during the period from 09.06.2025 to 23.06.2025.
12. Kavinayaa S N, a third-year student, underwent an internship at Codebind Technologies, Chennai, during the period from 09.06.2025 to 23.06.2025.
13. Prasannavathanan S and Seenivasan N, third-year students, underwent an internship at ST Pro Solutions Pvt. Ltd., Trichy, during the period from 12.06.2025 to 28.06.2025.

✿ Industrial Visit

1. Second-year BME students completed an industrial visit to Dr. Agarwal's Eye Hospital Ltd., Namakkal, on 24.07.2025, gaining exposure to advanced ophthalmic technologies and clinical practices.
2. Third-year BME students completed an industrial visit to KAV Biomedicals, Madurai, on 04.09.2025, observing biomedical device development and industry applications.
3. Final-year BME students completed an industrial visit to Biozee Physis Biomedical Research Centre (Atheenapandian Private Ltd.), on 09.08.2025, exploring translational research and biomedical innovation in a real-world setting.

Vision

To become an internationally renowned institution in technical education, research and development by transforming the students into competent professionals with leadership skills and ethical values.

Mission

- ☒ Providing the Best Resources and Infrastructure.
- ☒ Creating Learner - Centric Environment and Continuous Learning.
- ☒ Promoting Effective Links with Intellectuals and Industries.
- ☒ Enriching Employability and Entrepreneurial Skills.
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