



K S R COLLEGE OF ENGINEERING

An Autonomous Institution

(Approved by AICTE, New Delhi, Affiliated to Anna University)

**K.S.R. Kalvi Nagar, Tiruchengode - 637 215,
Namakkal District, Tamil Nadu**

DEPARTMENT OF BIOMEDICAL ENGINEERING

NEWSLETTER 2024-25

January - June 2025

2024-2025/Volume 1/Issue 2

NEWS LETTER

K. S. R. College of Engineering – Tiruchengode

(Autonomous Institution)

NEWS LETTER



Vision, Mission of Institution

Vision:

- To become a globally renowned institution in Engineering and Management, committed to providing holistic education that fosters research, innovation and sustainable development.

Mission:

- Deliver value-based quality education through modern pedagogy and experiential learning.
- Enrich Engineering and Managerial Skills through cutting-edge laboratories to meet evolving global demands.
- Empower research and innovation by integrating collaboration, social responsibility, and commitment to sustainable development.

Department of Biomedical Engineering

Vision, Mission of Department

Vision:

- To produce erudite Biomedical Engineers, Researchers and Entrepreneurs with ethical values to develop a sustainable environment.

Mission:

- Deliver value-based Biomedical Engineering education that fosters leadership, innovation, and ethical integrity.
- Strengthen engineering proficiency through state-of-the-art laboratories and clinical collaborations, addressing evolving healthcare needs.
- Promote interdisciplinary research and entrepreneurial thinking in Biomedical Engineering with a focus on sustainability, innovation, and societal impact.



FACULTY SPOTLIGHT

NPTEL ACHIEVERS



Mr B B Sangameswaran
Elite + Silver

**NBA Accreditation and Teaching and
learning in Engineering (NATE)**

Elite

Patent law for Engineers and scientists

Elite

Human Physiology



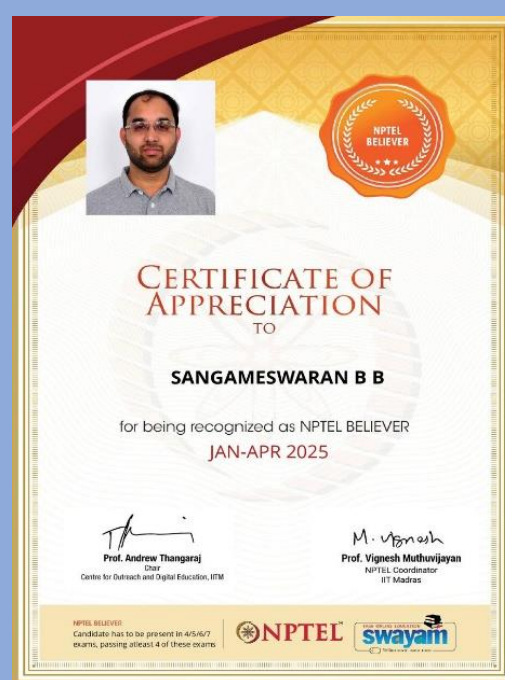
Mrs. Sharon Chris Hepzebah P
Elite + Silver

**Augmenting Design Thinking with
Human-Computer Interaction**



DOMANI CERTIFICATE

Mr B B Sangameswaran from department of Biomedical Engineering has successfully completed all requirements from SWYAM NPTEL Domain Certification in Bioengineering.



NPTEL BELIEVER

Mr B B Sangameswaran from department of Biomedical Engineering has been recognized as NPTEL BELIEVER (January-April 2025)

MENTOR SHIP PROGRAM AT IIT-MADRAS



Mr B B Sangameswaran



Mrs M Brindha

Mr B B Sangameswaran and Mrs M Brindha of Biomedical Engineering have been selected for Mentor Ship program at IIT - Madras from 02.06.2025 to 13.06.2025.



STUDENTS ACHIEVEMENT



G Pavithran, N Priyadharshini and S Jegan from the Department of Biomedical Engineering have won Best Paper award in International Conference on NMAM Institute of Technology at Karnataka on 18.02.2025.



Dr E Balagurusamy, Academic Advisor to the Governor of Jharkhand, Chairmain of EBG Foundation, Former Vice Chancellor of Anna University praised and encouragrd Mr C Monish, student of Biomedical Engineering – Founder of NEXGEN and his Entire team for their dedication, innovation and remarkable efforts in building a student-led Startup.

SPORTS ACHIEVEMENT



- P Harish From 1st Year BME has Won first place in 4th National Level Open Championship- Silambam held on 01.03.2025 & 02.03.2025 at Salem.
- He has won first place in National Level open Championship held at salem on 31.05.2025.

STUDENT STARTUP



Product Launch of Student led Startup Company named "AZHIZEN" by BME

Student Mr.Bharathkumar

Friday 25 April , 2025

EVENTS ORGANIZED



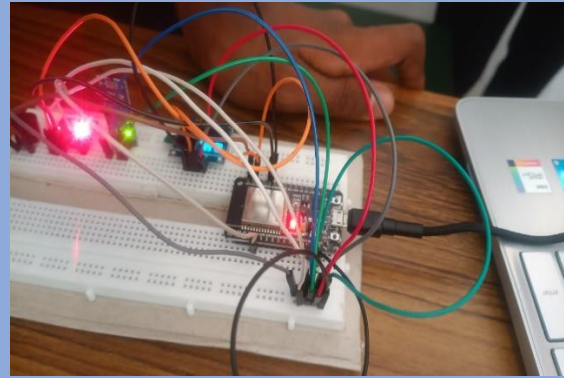
Department of Biomedical Engineering organized a seminar on “Application of Chat GPT for innovation, IP Commercialisation and Technology Transfer”, on March 22, 2025 at KSRCE A Block. Mrs T Yamuna Rani, IIC Innovation Ambassador handled the session



Department of Biomedical Engineering organized a seminar on “Application of design thinking approach for right problem identification and solution development”, on March 22, 2025 at KSRCE A Block. Ms V D Nandhini, IIC Innovation Ambassador handled the session



Department of Biomedical Engineering, in collaboration with the association of PRANAA, industry institute interaction cell, BMESI, institution innovation council and centre for sustainable development goals, Oregon healthcare Pvt Ltd, Bangalore organizes workshop on “Calibration of Medical Devices”



The Department of Biomedical Engineering at K.S.R. College of Engineering organized a two-day workshop on “Innovative Automation on MLoT” on 21.04.2025 and 22.04.2025, at the DSP Lab, A Block. The event was conducted in collaboration with PRANAA, the Biomedical Engineering Society of India, the Centre for Innovation and Incubation, Institution’s Innovation Council, and the Centre for Sustainable Development Goals. Dr. A. Murugesan and Mrs. M. Brindha, faculty members from the Department of BME, served as resource persons. The sessions focused on the integration of Machine Learning and IoT, with practical insights into automation and sustainable innovation. The workshop attracted active participation from students and faculty, enhancing their skills in emerging technologies.



The Department of Biomedical Engineering in association with Industry Institute Interaction Cell, Centre for Innovation and Incubation, Institution Innovation council at KSR College of Engineering organized an Industrial Visit titled “Driving Healthcare Innovation – A Field Exposure Visit to AMTZ,” Vizag, Andhra Pradesh on Monday (17.03.2025) for I and II-year students. During the visit, students interacted with industry experts, explored various medical technologies and gained valuable insights into biomedical innovations.

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