



## **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 2025-26**

# **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, Research and Entrepreneurs with ethical values to meet the global challenges.

#### Mission:

- Impart quality education to enhance problem solving skills, leadership qualities and team spirit through teaching and learning process with ethical responsibilities.
- Enrich interdisciplinary skills providing state of the art laboratories and facilities.
- Enhance research and entrepreneurship skills with social responsibilities to meet social needs.

## FACULTY SPOTLIGHT

### NPTEL ACHIEVERS



**Dr R Prabu**

Elite + Silver-Yoga and Positive Psychology for Managing Career and Life



**Dr A Murugesan**

Elite + Silver- Artificial Intelligence: Concepts and Techniques



**Mr S Parameswaran**

Successfully completed Introduction to Internet of things



**Mr B B Sangameswaran**

- 1) Elite + Silver - Patent Drafting for Beginners
- 2) Elite + Gold- Artificial Intelligence in Drug Discovery and Development
- 3) Elite-Introduction to Proteogenomics



**Mrs M Brindha**

- 1) Elite + Silver - Technical Communication for Engineers
- 2) Elite - Research Methodology



**Mrs T Yamunarani**

- 1) Elite + Silver - Technical Communication for Engineers
- 2) Elite + Silver - Research Methodology



**Mrs P Sharon Chris Hepzebah**

- 1) Elite + Silver(Top 5%)-Ethics in Engineering Practice
- 2) Elite + Silver in Technical Communication for Engineers



**Ms V D Nandhini**

Successfully completed - Neuroscience of human movement



**Ms K Indumathi**

Sucessfully Completed- Introduction to Internet of things



**Mr P J Ragu**

Successfully completed- Introduction to Internet of things



**Mr S Madhan**

Elite + Silver in Body Language: Key to Professional Success



**Mrs S Bhuvaneshwari**

Elite in Introduction to Abstract and linear Algebra

## INNOVATION EXCELLENCE

Smart India Hackathon  
Grand Finale-2025 (Hardware Edition)  
at Galgotias University-Greater Noida



YUKTI & APF Innovation Challenge  
(YIC) – 2025



## TN SKILLS-2025

S.No	Name of the Student	Achievement
1	MONISA K	
2	NANDHAKUMAR S	
3	SRISANTH	
4	MEIVIZHI	
5	SWATHI V	
6	MOHAMMED NISHAR	
7	NARENDRAN	
8	SANJAY A K	
9	LOKESH P	
10	VIDHYA SRI	
11	S SHOBANA	
12	S SUBASRI	
13	R SARMILA	
14	R NAVAJEEVITHA	
15	M PRIYA	
16	S MOHNASELVI	
17	M VINOCHA	
18	S PAVITHRA	
19	M SHARUK ABBAS	
20	S SARANYA	
21	SATHANKUMAR	
22	SRIDHAR S K	
23	KOWSHINI	
24	DEEPIKA R	
25	HEMA M	
26	KOWSIKA	

Selected for level 2 in  
DENTAL  
PROSTHETICS

Selected for level 2 in  
ADDITIVE  
MANUFACTURING

## EVENTS ORGANIZED



Seminar on Smart Assistive Devices: Innovative Physiotherapy Tools for Restoring Mobility on 27.09.2025. The seminar was presented by Dr. Saravanakumar Kuppusamy, Senior Physiotherapist, Shanmuga Hospital, Salem



Biopulse 2025 - Intra Paper Presentation on 27.09.2025. Biopulse 2025 ,an Intra Paper Presentation was conducted for II year BME students under three domains: Biosensors, Biomechanics & Rehabilitation and Assistive Technology .



Department of Biomedical Engineering in association with PRANAA, BMESI, SDG, IKS organised a seminar on “ Socio-Legal Study: Environmental Laws and Citizen rights” on 13<sup>th</sup> september 2025.



## Springfest 2k25 – Symposium Inauguration on 10.10.25

The BME Department Symposium - Springfest 2K25 was inaugurated on 10.10.2025 by Mr. Anish Pandari, CEO of Electrono Solutons Pvt. Ltd. and Mr. Mallikarjuna Sarma, Director INDXO AI Pvt. Ltd. Their inspiring sessions highlighted emerging trends in electronics, biomedical innovation, and future-ready technologies. The symposium brought together students, faculty, and professionals, creating a vibrant platform for technical learning and collaboration.

Technical events such as Diagnostic Dilemmas and Decoding Patients Ailments along with non-technical events like Charades and Start Music were conducted as part of symposium on 10.10.25. 68 Participants from several colleges presented 32 research papers on Recent Trends in AI for Healthcare and the three best papers were awarded cash prizes for their outstanding performance.

## Workshop on Role of Gait Analysis in Biomechanics and Rehabilitation Engineering on 11.10.25



Department of Biomedical Engineering organized a National Level Workshop on Role of Gait Analysis in Biomechanics and Rehabilitation Engineering Engineering as part of SpringFest 2k25 symposium. 165 participants from various colleges attended the workshop. Experts demonstrated practical applications in diagnosing movement disorders and improving patient mobility. Participants actively engaged in exercises, discussions, and interactive sessions to enhance their skills.



The Department of Biomedical Engineering organized “Demo Day / Idea Showcase”, on 22.11.2025 providing a platform for students to present innovative project ideas and prototypes. The event encouraged creativity, problem-solving, and research-oriented thinking among budding engineers. Participants showcased solutions addressing real-time biomedical challenges through models, working prototypes, and posters. The jury panel evaluated each project based on innovation, practicality, societal impact, and presentation skills.

## EXTENSION ACTIVITY



Zero Waste Cleaning Drive was successfully conducted near Mariamman Kovil, SPB Colony, Pallipalayam, on 9th August 2025 with the active and enthusiastic participation of students. The initiative aimed to promote environmental awareness and responsible waste management practices among the local community and young volunteers.

During the drive, students collectively cleaned the surrounding areas, segregated biodegradable and non-biodegradable waste, and emphasized the importance of reducing plastic usage. The participants demonstrated strong commitment and teamwork, reflecting a sense of social responsibility and environmental consciousness.

The program also served as a platform to educate the public on the concept of zero waste, encouraging sustainable habits such as waste segregation, recycling, and proper disposal methods. The event concluded with a pledge by the students to continue practicing eco-friendly behaviors and to actively contribute to a cleaner and healthier environment.



## **DEPARTMENT OF BIOMEDICAL ENGINEERING**

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