



JERUSALEM COLLEGE OF ENGINEERING

(AN AUTONOMOUS INSTITUTION)

Narayanapuram, Pallikaranai, Chennai 600100

DEPARTMENT OF BIOMEDICAL ENGINEERING



DISCOVER • LEARN • INSPIRE
Exploring New Horizons in BME

NEWSLETTER

Edition: July - December 2025



Chairperson's message

I am greatly delighted to learn that Jerusalem College of Engineering brings out the College Newsletter to record the events witnessed during July 2025 to December 2025. I would also like to extend my warmest greetings and to congratulate each member of JCE family for the meritorious service and achievements.

As the Chairperson, I am committed to providing my wholehearted support and moral guidance to every student and to ensuring that they receive necessary resources and ample opportunities to thrive academics and sports. The faculties and the members of the staff are always keen on providing a friendly environment that fosters positive relationships and active collaboration and encourages intellectual curiosity, creativity, and inclusivity, where the students are empowered to pursue their passions and realize their goals.

I would like to encourage all the students to seize the tremendous opportunities that await you, to gain hands-on experiences and to tackle the formidable challenges to reach new heights of excellence. The students need to embark on this journey towards self-discovery and self-fulfillment with a determined effort to achieve a remarkable transformation in our society and to work towards building a bright future for ourselves and our progeny.

As we are entering into a promising and potential new year, it is more important to have values that guide our decisions and actions to live a fulfilling life and to uphold the social, ethical and educational principles for the society to flourish. I have complete confidence in the wide range of abilities of all to overcome obstacles and to emerge victorious in academics, research and sports. I hope that this Newsletter will prove to be an impetus to both faculties and students to outshine their performance in their profession and academics. I congratulate the Editorial Board for bringing out this Newsletter.

Wish you all a successful and fulfilling year ahead.

Prof Dr M Mala
Chairperson



Principal's message

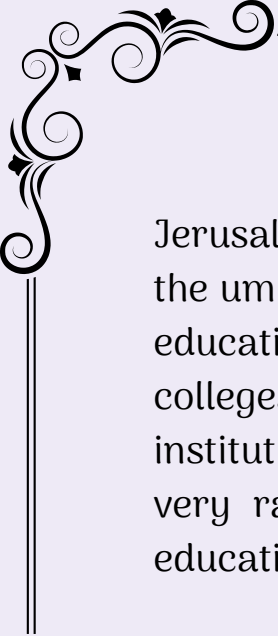
I feel really happy that our College brings out this Newsletter that documents the credentials of our Institution during July 2025 to December 2025. The attainments reported the Newsletter is expected to act as a catalyst to inspire the staff and the students and to Showcase their competences in curricular, co-curricular and extra-curricular activities. As we navigated through the challenges and opportunities of the last six-month period, we retrospect the accomplishments with gratitude and excitement. The comprehensive and back-up service of the faculties to monitor, mentor and enlighten our students for them to display their aptitude and increase their capability provided the required succor to explore new avenues and to realize their dreams.

The passionate devotion of the staff to enrich the experience of the students and the personal commitment of the students to excel in their domains and related spheres is highly commendable. I encourage you to build upon the foundation you have laid and to pursue your academic and personal goals with passion and determination. Remember that the journey of education is not just about acquiring knowledge but also about discovering your strengths, passions and purpose in life. As a vibrant community, you are required to dedicate yourself to academic excellence and personal growth.

Welcome the wonderful opportunities to experiment new ideas, meet new people, and challenge yourself in ways you might not have imagined. I am certain that with the blessings of the Almighty, cooperation of the Management and the service of the staff, our Institution will succeed in making histories by achieving new heights in academics, research and sports. In closing, I express my gratitude to each member of the JCE family for the unwavering dedication and commitment to excellence. I congratulate the Editorial Board for bringing out this Newsletter.

Best Wishes!

Dr Ramesh Sengottuvelu
Principal



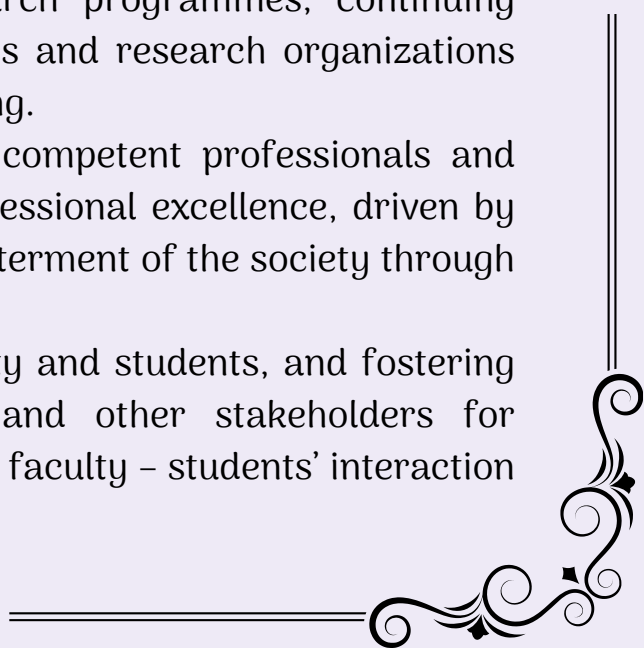
PROFILE OF THE INSTITUTION

Jerusalem College of Engineering was established in the year 1995 under the umbrella of Jerusalem Education Trust to impart quality engineering education. It has made a mark of itself as one of the top engineering colleges in Tamil Nadu based on 2020 ranking and has established as an institution which offers excellent engineering education. It is one of the very rare Institutes which is situated in close proximity to premier educational institutes and also the IT Hub of Chennai.

VISION

Jerusalem College of Engineering is committed in emerging as an international institution of excellence in imparting the finest quality engineering, technology and management education rooted in ethical and societal values through various academic programmes, multi-disciplinary research, consultancy and entrepreneurship activities, and hence in contributing towards social

MISSION

- Generating abundant resources and making conducive policies, the management led by the Chairperson strives towards promoting globally competitive academic programmes augmented with value added courses, in-plant training, co-curricular activities and ambience that support intellectual growth and skill acquisition.
 - Promoting collaborative trans-border research programmes, continuing education in synergy with academia, industries and research organizations leading to real time solutions and lifelong learning.
 - Transforming young men and women into competent professionals and entrepreneurs motivated by a passion for professional excellence, driven by human values and proactively engage in the betterment of the society through innovative practices and
 - Facilitating effective interaction among faculty and students, and fostering network of alumni, industries, institutions and other stakeholders for successful career gain and placement. Motivate faculty – students' interaction for maximal knowledge synthesis for
- 

Quality Policy

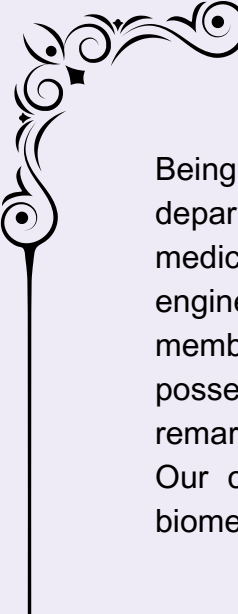
“Qualitative Education and a sense of high discipline are promises”

We at the Jerusalem College of Engineering make to posterity and accordingly, we shall adopt and adhere to Quality policies, constantly monitor accountability and assure all stakeholders that we shall keep our promise.

Environment Policy

Jerusalem College of Engineering is committed to energy savings and a sustainable environment by:

- i. Setting targets for improvements in energy savings and classroom utilization to minimize its use of energy and scarce resources through good practice, prudent maintenance and use of energy efficient resources.
- ii. Continually improving and maintaining the environment both within the college and, where appropriate externally.
- iii. Prevention of pollution and minimization of air, water pollution and solid waste generation.
- iv. Conservation of resources like water and power.
- v. Training of all employees on environmental awareness and environmental management.
- vi. Reducing the use of paper by critically appraising the need for use and by double-sided copying and use of electronic mail as far as practicable.
- vii. Including environmental issues in curriculum delivery where appropriate.
- viii. Linking with other organizations in the local community in dialogue and partnership to encourage and contribute to good environmental practice.
- ix. Encouraging the users of the college to seek environmentally acceptable economics in use of transport.
- x. Harnessing nature with green trees to beautify the surroundings.



THE DEPARTMENT OF BIOMEDICAL ENGINEERING

Being noted as one of the best institutions for Biomedical Engineering in Tamil Nadu, the department has endowed multidisciplinary application among engineering principles in medical field. The students are bestowed with deep and strong fundamentals in engineering principles allied to medical technology. The department has expertise faculty members, imparting high-end subject knowledge to the students. The department possesses well-equipped laboratory infrastructure to cater the need of students. These remarkable features facilitate the department to inculcate robust knowledge in students. Our curriculum is designed in such a way that it ensures a strong fundamental in biomedical engineering.

VISION OF THE DEPARTMENT

Department of Biomedical engineering is committed to produce Biomedical Engineers with ethical and social considerations and to foster their intellectual growth in multi-disciplinary fields for improving human condition and healthy nation building.

MISSION OF THE DEPARTMENT

- Providing technical knowledge through skilled innovative practices and experiments in ethical learning environment.
- Creating new knowledge and enabling technologies in devising simple and low cost methods for diagnosis and therapy at different medical fields through research and developmental activities.
- Providing quality education and design activities in developing entrepreneurship qualities.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO 1 : The Graduates will excel in application of mathematics, basic sciences, and Biosciences to multidisciplinary projects.

PEO 2 : The Graduates will adapt to the contemporary technologies and support health care providers at various levels with effective communication and team work.

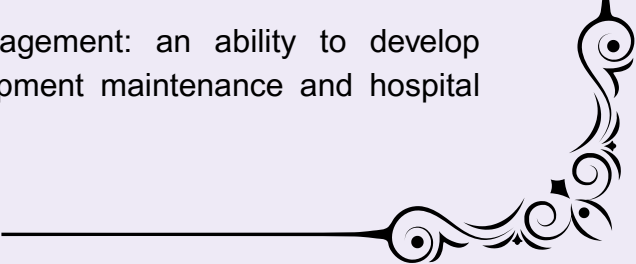
PEO 3 : The Graduates will develop optimum Biomedical Engineering solution with ethical commitment.

PEO 4 : The Graduates will excel themselves to work as an Entrepreneur in Biomedical field.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO 1: Development of innovative tools: an ability to design innovative tools to analyze and diagnose various pathological disorders.

PSO 2: Medical Equipment maintenance and management: an ability to develop strategies to address the challenges of medical equipment maintenance and hospital management.



HOD'S DESK

DR. J. SAMUEL MANOHARAN



It gives me immense pleasure to present this edition of the Biomedical Engineering Department Magazine, which reflects the innovation, dedication, and academic excellence of our students and faculty. Biomedical Engineering stands at the intersection of engineering, medicine, and technology, playing a vital role in shaping the future of healthcare. Our department continuously strives to foster a culture of research, creativity, and problem-solving, encouraging students to develop solutions that address real-world medical challenges. This magazine is a testament to the hard work and intellectual curiosity of our students, highlighting their achievements, technical contributions, and innovative ideas. It also showcases the collaborative efforts of our faculty in guiding and mentoring young minds toward excellence. I congratulate the editorial team for their sincere efforts in compiling this issue and extend my best wishes to all contributors. Let this magazine inspire continued learning, innovation, and a commitment to advancing healthcare through engineering.

Editor's corner



Ms. D. Priscilla
Asst. Prof. , BME

The Department of Biomedical Engineering proudly presents this edition of the newsletter, capturing the vibrant academic and co-curricular activities from July 2025 to December 2025. This period reflects the enthusiasm of our students and faculty in embracing innovation, research, and interdisciplinary learning. From workshops and guest lectures to student achievements and project developments, the department has fostered a culture of excellence and curiosity.

STUDENT EDITORS



AKSHAYA
(III YEAR BME)



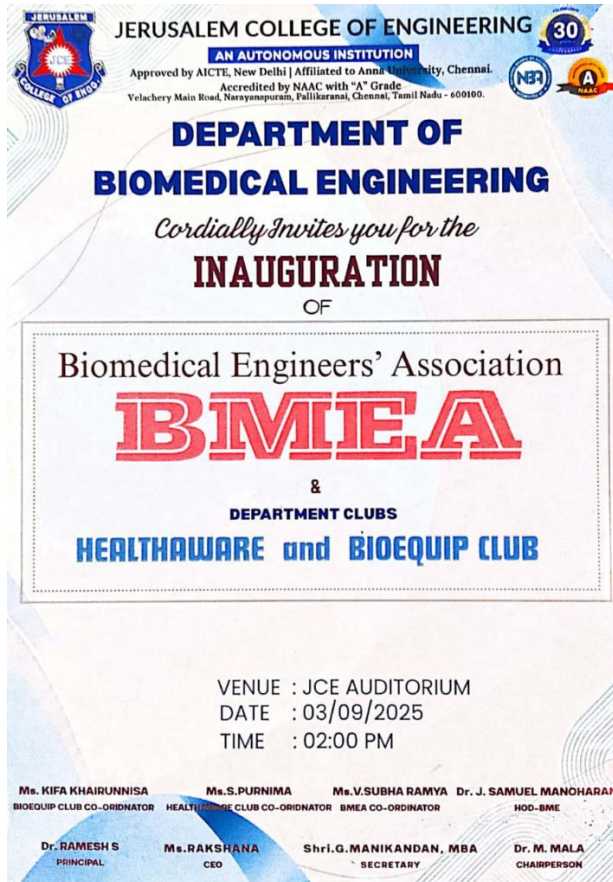
JOBIN GEO
(III YEAR BME)



COMRIYAN
(III YEAR BME)

DEPARTMENT OF BIOMEDICAL ENGINEERING

Inauguration of Biomedical Engineers Association



The Department of Biomedical Engineering, Jerusalem College of Engineering, organized the Inauguration of the Biomedical Engineers' Association (BMEA) along with the Department Clubs, Healthware and Bioequip Club on 03 September 2025 at 02:00 PM in the JCE Auditorium.

The program was coordinated by Ms. V. Subha Ramya, BMEA Coordinator, Ms. S. Purnima, Healthware Club Coordinator and Ms. Kifa Khairunnisa, Bioequip Club Coordinator. Dr. J. Samuel Manoharan, Head of the Department, Biomedical Engineering, addressed the gathering. The event was graced by the presence of Dr. Ramesh S, Principal, Jerusalem College of Engineering delivered the presidential address and encouraged students to actively participate in academic and co-curricular activities.



Symposium - TECHNOVANZA 2025-26

The Department of Biomedical Engineering, Jerusalem College of Engineering, successfully organized two technical events as part of the **Inter-Collegiate National Level Technical Symposium – TECHNOVANZA 2025-26** on **10th October 2025**.

The first event, **BIOMYSTIC**, was conducted as a technical event focusing on innovative problem-solving and interdisciplinary applications in biomedical engineering. The event witnessed enthusiastic participation from students of various institutions, fostering creativity, analytical thinking, and teamwork.

The second event, **NEXUS**, a **Technical Paper Presentation**, provided a platform for students to present their research ideas and

technical knowledge in emerging areas of biomedical engineering. The event encouraged scholarly discussion, research orientation, and knowledge exchange among participants.

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VELACHERY MAIN ROAD, NARAYANAPURAM, PALLIKARANAI, CHENNAI - 600100.

An Inter Collegiate National Level Technical Symposium

TRACK- 1
(AIDS, AIML, CSE, CS, CSBS, IT)

TECHNOVANZA 2025 - '26
10 OCTOBER 2025

TRACK- 2
(BME, CE, ECE, EEE, MBA)

TECHNICAL EVENTS

• Oratio
• Viz Your Way
• TriSpark
• Site2Sync
• Escape Room 2.0
• Flipster
• SynaptiQ

NON-TECHNICAL EVENTS

• Cinephilia
• Sinister Schemes
• Cue Battle
• Potpourri

ONLINE EVENTS

• Obs-Tackle Race
• GigzUp

OVERALL INSTITUTION TROPHY

For Individual Registration Rs.200
For Institution Registration Rs.2000
[10-12 members]

Register Now!

9444300038
symposium2025@jerusalemengg.ac.in

Ms. RAKSHANA
TRUST MEMBER & CEO

Dr. M. MALA
MANAGING TRUSTEE & CHAIRPERSON

Shri. G. MANIKANDAN, MBA
TRUST SECRETARY

www.jerusalemengg.ac.in

Dr. T. TAMILSELVI / Asst. Prof., ECE / Ms. S. VINITHA / AP - AIML / Dr. J. SAMUEL MANOHARAN / HOD - BME / Dr. MAYA EAPEN / HOD - CSBS / Dr. V. JAMUNA / Asst. Prof., EEE / Dr. RAMESH S. / Principal

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AN INTER COLLEGIATE NATIONAL LEVEL TECHNICAL SYMPOSIUM

TECHNOVANZA 2025 -'26 PRESENTS

TECHNICAL EVENT

BIOMYSTIC

WIN EXCITING PRIZES

DATE:10/10/25

STUDENT CO-ORDINATORS

1. M SRIVARTHINI - IV BME (9940526581)
2. RAMYA K L - IV BME (8015612515)
3. SHRUTHI S - IV BME (9363379962)

FACULTY CO-ORDINATOR

MS. B NIVETHA AP/BME

Dr. J. SAMUEL MANOHARAN
HOD-BME

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AN INTER COLLEGIATE NATIONAL LEVEL TECHNICAL SYMPOSIUM

TECHNOVANZA 2025 - '26 PRESENTS

NEXUS

TECHNICAL PAPER PRESENTATION

DATE :10/10/2025

WIN PRIZES

STUDENT CO-ORDINATORS

HARINI S. - IV EEE (8148837923)
PRAVIN M. - III EEE
MANOJ A. - III EEE
VISITHA DILIP M R. - IV BME (8778022625)
HARIN R. - IV BME
DIVYA R. - IV ECE (9368017650)
KAVITHA K. - IV ECE

FACULTY CO-ORDINATORS

Ms. S. RUDHIRA - AP/EEE
Ms. S. SIVAJOTHY KAVITHA - AP/EEE
Ms. S. PURNIMA - AP/BME
Ms. D. PRISCILLA SHARLET ASHA - AP/BME
Dr. G. MERLIN SHEEJA - PROF. /ECE
Ms. S. BHAVANISANKARI - ASSO. PROF./ECE

Dr. S. VINOD
HOD-EEE

Dr. J. SAMUEL MANOHARAN
HOD-BME

Dr. SHEEJA V FRANCIS
HOD-ECE

Guest Lectures Organized

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DEPARTMENT OF BIOMEDICAL ENGINEERING
IN COLLABORATION WITH BMESI
ORGANIZES
A GUEST LECTURE ON
"Cancer Nanomedicine: Emergence, Expansion and Expectations"



DR. M. JOYCE NIRMALA
Chief Scientific Officer, IIT Madras
Founder & CEO, NanoC Pharma Pvt Ltd

DATE: 13.08.2025 **TIME: 9 AM TO 12 PM**
VENUE: SEMINAR HALL

MS. B. NIVETHA COORDINATOR	DR. J. SAMUEL MANOHARAN HOD-BME	DR. RAMESH S PRINCIPAL
MS. RAKSHANA CEO	SHRI. G. MANIKANDAN , MBA TRUST SECRETARY	DR. M. MALA CHAIRPERSON

1. The Department of Biomedical Engineering, Jerusalem College of Engineering, in collaboration with BMESI, successfully organized a guest lecture on **"Cancer Nanomedicine: Emergence, Expansion and Expectations"** on **13th August 2025** at the Seminar Hall. The session was delivered by **Dr. M. Joyce Nirmala**, Chief Scientific Officer, IIT Madras, and Founder & CEO of NanoC Pharma Pvt. Ltd. The participants were II and III year BME students.





2. The Department organized a Guest lecture titled **“Insights of Medical Coding”** in collaboration with **The Institution of Engineers (India)** on **15th September 2025** at the **2nd Floor Seminar Hall**. The session was coordinated by **Ms. B. Nivetha** and was delivered by **Mr. Joshua Daniel**, CEO, and **Mrs. Ashwini Daniel**, Co-Founder of **Rabbi Institute of Skillset Empowerment (RISE)**, Chennai.



3. The Department of Biomedical Engineering organized a guest lecture titled **“Biomedical Engineering Meets Medical Physics: A Career Path Beyond Hospital”** under the aegis of **IIC and BMESI** on **24th October 2025** at the **Seminar Hall**. The session was coordinated by **Ms. B. Nivetha** and delivered by **Mr. S. Vignesh**.

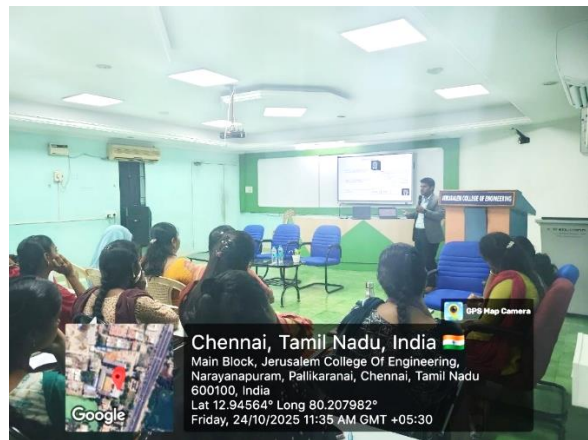
The lecture was attended by **II, III, and IV year** students and focused on exploring interdisciplinary career opportunities at the intersection of biomedical engineering and medical physics.

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DEPARTMENT OF BIOMEDICAL ENGINEERING
Along with
BIOMEDICAL ENGINEERING SOCIETY OF INDIA
Organizes
A Guest Lecture On
**Biomedical Engineering Meets Medical Physics:
A Career Path Beyond the Hospital**

MR. VIGNESH S
Senior Physicist &
Application Specialist,
PTW Dosimetry India Pvt. Ltd.,
Oct 24, 2025 9 AM - 12 PM Seminar Hall II, III, IV Years

Ms. RAKSHANA
Trustee & CEO
Shri. G. MANIKANDAN, MBA
Trust Secretary
Dr. M. MALA
Chairperson
Ms. NIVETHA B
Coordinator-BMESI
Dr. J. SAMUEL MANOHARAN
HOD-BME
Dr. RAMESH S
Principal



Workshops Organized

1. The Department of Biomedical Engineering organized a two-day workshop and hands-on training on Biomedical Equipment, Sensors, and Clinical Applications with career orientation for II Year BME students, delivered by Mr. Gaushik K, Managing Director (Chief Trainer), Expert Edge Medical Innovation (JCE MoU partner), on 03.09.2025 and 04.09.2025



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DEPARTMENT OF BIOMEDICAL ENGINEERING
ORGANIZES

**Two-days Workshop & Hands on Training on
Biomedical Equipment, Sensors & Clinical
Applications with Career Orientation**

RESOURCE PERSON
Mr. Gaushik.K
Managing Director (Chief Trainer)
Expert Edge Medical Innovation
JCE MoU partner

VENUE : CIRCUITS & IC LAB
PARTICIPANTS : II YR BME
TIME : 9.30 AM TO 3.30 PM
DATE : 03.09.2025 & 04.09.2025

Ms. S. Lavanya Coordinator	Dr. J. Samuel Manoharan HOD, BME	Dr. Ramesh S Principal
Shri. G. MANIKANDAN, MBA Trust Secretary	Ms. RAKSHANA Trust member & CEO	Dr. M. MALA Managing & Chairperson



Industrials Visits

1. The Department of Biomedical Engineering organized an industrial visit for II Year BME students to the National Institute for Empowerment of Persons with Multiple Disabilities (NIEPMD), Muttukadu, Chennai, on 21.08.2025, providing exposure to rehabilitation engineering facilities, assistive technologies, and clinical support systems.



2. The Department of Biomedical Engineering organized an industrial visit for III Year BME students to MedCuore Medical Solutions, Perungudi, on 24.09.2025, providing exposure to medical device manufacturing, quality standards, and industry-oriented biomedical practices.



3. The Department of Biomedical Engineering organized an industrial visit for IV Year BME students to Focus Imaging Systems, Thiruverkadu, on 23.09.2025, providing exposure to medical imaging equipment, system integration, quality assurance, and industry practices.



Events by Professional Societies/Clubs

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DEPARTMENT OF BIOMEDICAL ENGINEERING
In Association With
The Institution of Engineers (India)
Presents

NeuroQuest

CROSSWORD

MO05 **Oct 6, 2025** **2Pm Onwards**

Scan & Register

Ms. RAKSHANA
Trust Member and
CEO

Mr. G. MANIKANDAN, MBA
Trust Secretary

Dr. M. MALA
Managing Trustee &
Chairperson

Ms. NIVETHA B
Coordinator IE(I)-BME

Dr. J. SAMUEL MANOHARAN
HOD-BME

Dr. RAMESH S
Principal

1. The **Department of Biomedical Engineering**, Jerusalem College of Engineering, in association with **The Institution of Engineers (India) – IEI**, organized a technical event titled **“NeuroQuest”** on **06 October 2025 at 02:00 PM onwards**. The event was conducted under the IEI student chapter to encourage innovation, logical thinking, and technical awareness among students.

2. The Department of Biomedical Engineering, through the **BioEquip Club**, organized '**BIOSPARK**', a biomedical equipment awareness quiz competition for II, III, and IV Year BME students on 22.09.2025 and 23.09.2025, featuring questions from biomedical engineering and general knowledge domains, coordinated by **Ms. Kifa Khairunnisa**.





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DEPARTMENT OF BIOMEDICAL ENGINEERING

BIOEQUIP CLUB ORGANIZES

BIOSPARK
BIOMEDICAL EQUIPMENT AWARENESS ACTIVITY

VENUE: M005
DATE: 22/09/2025 & 23/09/2025
PARTICIPANTS: BME STUDENTS

Ms.Rakshana Trust member & CEO	Shri G.Manikandan,MBA Trust Secretary	Dr.M.Mala Managing trustee & Chairperson
Ms.Kifa Khairunnisa Coordinator	Dr.Ramesh S Principal	Dr.J.Samuel Manoharan HOD-BME



Department Awards

<u>Sl.No</u>	<u>Details</u>	<u>Venue</u>
1	BIOMEDICAL DEPARTMENT- Best Student's Chapter Award	Kanchepuram Local Chapter-IE(I)- Award function, JCE-30.08.25

Faculty Awards

<u>Sl.No</u>	<u>Name</u>	<u>Details</u>	<u>Venue</u>
1	Ms.B.Nivetha,	Best Faculty Advisor Award	Kanchepuram Local Chapter- IE(I)-Award function, JCE-30.08.25
2	Ms. S. Purnima	Innovation Activity Coordinator (ID: IA-21750)	Recognized through JCE-IIC under MoE

Publications by Faculties

<u>Sl.No</u>	<u>Name</u>	<u>Journal Name</u>	<u>Details</u>
1	Dr. J. Samuel Manoharan & B. Nivetha, et al.	Scientific Reports (Impact Factor - 3.9) SCI Indexed	Multi-task deep learning framework combining CNN: vision transformers and PSO for accurate diabetic retinopathy diagnosis and lesion localization, https://doi.org/10.1038/s41598-025-18742-z

Books Authored by Faculties

<u>Sl.No</u>	<u>Name</u>	<u>Faculty as Resource person / Reviewer / Editor / Author - books/ Awards/ Presentation</u>	<u>Details</u>
1	Dr. J. Samuel Manoharan	Author in Book Chapter with ISBN: 9798369372876 and doi: https://doi.org/10.4018/979-8-3693-7287-6	Virtual and Augmented Reality in the Automobile Industry: Applications and Future Directions
2.	Ms. S. Purnima	Reviewer	Biomarkers - Manuscript titled "Multidimensional metabolic profiling in carbon monoxide poisoning: acid-base disturbances correlate with neurological severity"

Session Chair by Faculties

<u>Sl.No</u>	Name	Faculty as Resource person / Reviewer / Editor / Author - books/ Awards/ Presentation	Details
1	Dr. J. Samuel Manoharan	Session Chair	International Conference on Information Technology Enablers for Persons with Disability (INTEND 2.0) Empowering Divyangjan (Persons with Disabilities) with Assistive Technologies organized by IETE Chennai Centre in Association with Jerusalem College of Engineering held during 19-20, September 2025
2	Ms. S. Purnima	Session Chair	International Conference on Information Technology Enablers for Persons with Disability (INTEND 2.0) Empowering Divyangjan (Persons with Disabilities) with Assistive Technologies organized by IETE Chennai Centre in Association with Jerusalem College of Engineering held during 19-20, September 2026

Conferences Attended by Faculties

<u>Sl.No</u>	Name	Event Name	Date & Venue
1	Ms. S. Purnima	Presented Paper titled as "Epileptic Seizure forecasting using EEG with Lightweight Edge AI" in International Conference on Information Technology Enablers for Persons with Disability (INTEND 2.0) Empowering Divyangjan (Persons with Disabilities) with Assistive Technologies organized by IETE Chennai Centre in Association with Jerusalem College of Engineering	19-20, September 2025

Faculties as Resource Persons in Conferences

<u>Sl.No</u>	Name	Faculty as Resource person / Reviewer / Editor / Author - books	Details
1	Ms. S. Purnima, AP Gr III	Reviewed article in a WoS Journal	Online

FDPs Attended by Faculties / Any specific FDP's

Sl. No	Name of the Faculty	Title	Name of the Institution	Date
1	Ms. S. Purnima	FDP on Innovative Teaching and Learning Pedagogy	Research Foundation of India	18 - 24 June, 2025 Online mode
2	Ms. V. Subha Ramya	Advances in Biomedical Engineering, Healthcare Innovation and Research Data Automation: A Global Perspective	Easwari Engineering College (Online Mode)	30.06.2025 to 05.07.2025
3	Dr. J. Samuel Manoharan	Faculty Orientation Program on Quality Improvement	Jerusalem College of Engineering	07.07.2025 - 09.07.2025
4	Ms. V. Subha Ramya	Faculty Orientation Program on Quality Improvement	Jerusalem College of Engineering	07.07.2025 - 09.07.2025
5	Ms. S. Purnima	Faculty Orientation Program on Quality Improvement	Jerusalem College of Engineering	07.07.2025 - 09.07.2025
6	Ms. S. Lavanya	Faculty Orientation Program on Quality Improvement	Jerusalem College of Engineering	07.07.2025 - 09.07.2025
7	Ms. B. Nivetha	Faculty Orientation Program on Quality Improvement	Jerusalem College of Engineering	07.07.2025 - 09.07.2025
8	Ms. Priscilla	Faculty Orientation Program on Quality Improvement	Jerusalem College of Engineering	07.07.2025 - 09.07.2025
9	Ms. Kifa Khairunnisa	Faculty Orientation Program on Quality Improvement	Jerusalem College of Engineering	07.07.2025 - 09.07.2025
10	Ms.V.Subha Ramya	PDP on " Developing a curriculum framework aligned with NEP 2020,OBE and AI advancements	NITTR - Chennai	04/08/2025 to 08/08/25
11	Ms.V.Subha Ramya	FDP on "Innovative teaching and learning pedagogy"	Research Foundation of India	11/08/25 to 16/08/25

12	Ms. S. Purnima	ATAL FDP on Intelligent Healthcare & Medical Sytem	Anjuman College of Engg. & Tech, Nagpur	25.08.25 to 30.8.25
13	Ms.D.Priscilla Sharlet Asha	FDP on "Robotics & Artificial Intelligence"	Learn X Thrive	23/08/2025 to 24/08/2025
14	Ms.Kifa Khairunnisa	FDP on "Robotics & Artificial Intelligence"	Learn X Thrive	23/08/2025 to 24/08/2025
15	Dr. J. Samuel Manoharan	ATAL FDP on Quantum Computing & Technology: Bridging Theory and Applications	Mahalakshmi Tech Campus, Chrompet, Chennai	27.10.2025 - 01.11.2025
16	Mr. Jashwanth R	NPTEL AICTE FDP – Deep Learning	IIT Ropar	July-Oct 2025
17	Ms. S. Lavanya	Cybersecurity in Blockchain	M.N.M. Jain Engineering College	15.12.2025 to 19.12.2025
18	Ms. S. Lavanya	AI Enhanced Educational Technologies	Sree Sowdambika College of Engineering	22.12.2025
19	Ms. Kifa Khairunnisa	5day FDP on Natural Language Processing for Modern AI Systems at Ramco Institute of Technology	Ramco Institute of Technology	22-12-2026 to 26-12-2026

Funded Projects / Sponsored seminar or workshop proposals

Sl.No.	Name of the Convener / coordinator	Title	Proposal Amount (Rs.)	Duration
1	Dr. J. Samuel Manoharan	SMARTCON 2025 (Int'l Conference - IE(I) funded)	Rs. 2,00,000/-	1 day
2	Ms.V.Subha Ramya	Development of AI-Powered Wearable System for Early Detection of Diabetic Peripheral Neuropathy	Rs. 4,30,000/-	1Year

		(Submitted to MSME)		
3	Ms.B.Nivetha	AI-Powered Lung Cancer Detection System for Early and Accessible Diagnosis (Submitted to MSME)	Rs.3,00,000/-	1 Year
4	Mr.Samuel.A (Student)	Electrical Impedance for Non radio tomography for image acquisition (Submitted to MSME)	Rs.6,50,000/-	8 Months

Industry Visit by Faculties

Sl. NO	Name of Faculty	Industry Visited	Date
1.	Mr. R Jaswanth	National Institute of Ocean Technology (NIOT)	22.09.2025

Student Achievements:

<u>Sl.No</u>	Event Name	Date	Student Name	Prize
1	International Silambam Competition, Individual & Combat, Malaysia	09.08.2025 & 10.08.2025	Shruthi S	Ist Prize
2	Nat'l Level Tech Symposium - BioGenZ	30.08.2025	Santosh DM, Jeeva V, Eswaramoorthy L, Sanjay K	1st Prize (Paper Mache - Rs. 2,000/-)
3	Nat'l Level Tech Symposium - BioGenZ	30.08.2025	Kavin Maria Casilda	1st Prize (Tech. Event - Rs. 5,000/-)
4	Kanchepuram Local Chapter-IE(I)-Award function	30.08.2025	Ms.E.Pooja, IV BME	Best Student Award

5	Inaguration of Biomedical Engineers' Association (BMEA), Bioequip Club and Healthaware Club	02.09.2025	II, III & IV year	-
6	Hospital Training-Visit to Tagore Medical College Hospital,Rathinamangalam.	11.09.25	IV BME	-
7	5 day Winter School on Signal Intelligence, Image and Signal Processing	08.09.2025 - 12.09.2025	Sree Vidya, Jeslin, Akshaya, Deepika, Sharon of III Yr BME	-
8	International Conference on Information Technology Enablers for Persons with Disability (INTEND 2.0) Empowering Divyangjan (Persons with Disabilities) with Assistive Technologies organized by IETE Chennai Centre in Association with Jerusalem College of Engineering held during 19-20, September 2026	19.09.25- 20.09.25	Vishwa Dilip.M.R, Raghavan. N and Jayasuriya. K	Presented paper titled " "Epileptic Seizure forecasting using EEG with Lightweight Edge AI"
9	Bio-Equip Club Activity "BioSpark" - A bio equipment awareness activity	22.09.25- 23.09.25	II, III & IV year	Certificate



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