

Consolidated Reports

Top Sheet

No	Event No.	Status	Name	Date Time	Venue	Dept.
1	BM/2025/001	Closed	Free Medical Camp	26-07-2025 09:30 AM	KPR Knowledge Campus	BM
2	BM/2025/002	Closed	Core Business Concepts	14-07-2025 09:00 AM	BME III YR	BM
3	BM/2025/003	Closed	Free eye Camp	20-07-2025 07:30 AM	KPR Knowledge Campus	BM
4	BM/2025/004	Closed	Molecular Mechanisms in Inflammation and Cancer	21-07-2025 10:30 AM	BIOMECHANICS LABORATORY	BM
5	BM/2025/005	Closed	GATEway to Excellence: Roadmap to Postgraduate Opportunities	22-07-2025 09:00 AM	II BME	BM
6	BM/2025/006	Closed	BMESI Inauguration	21-07-2025 03:00 PM	KPR Knowledge Campus	BM
7	BM/2025/007	Closed	ISR activity - "Carrer Opportunities in Biomedical Engineering	10-07-2025 09:30 AM	Veena Hall	BM
8	BM/2025/008	Closed	Student Association Inauguration	12-08-2025 11:00 AM	Ragam Hall	BM
9	BM/2025/009	Closed	Dental Campaign	29-08-2025 10:00 AM	Medical Room	BM
10	BM/2025/010	Closed	Technical Seminar on "Entrepreneurship in Healthcare"	13-08-2025 09:30 AM	III BME Classroom	BM
11	BM/2025/011	Closed	Value Added Course on Building Biomedical Device - Design to Prototype	24-09-2025 09:00 AM	II BME classroom	BM
12	BM/2025/012	Closed	IEEE Sponsored Calibration of critical care devices	26-09-2025 09:30 AM	BMI Lab	BM
13	BM/2025/013	Closed	International quiz series - world hepatitis day	28-07-2025 09:00 AM	KPR Knowledge Campus	BM
14	BM/2025/014	Closed	Understanding Breast Cancer - Prevention, Detection and Treatment	14-10-2025 02:30 PM	RAGAM HALL	BM
15	BM/2025/015	Closed	Capsule course on Endoscopy and Laparoscopy	11-10-2025 09:00 AM	II BME Classroom	BM
16	BM/2025/016	Closed	Biosignal Interface and Analysis using LabVIEW	14-10-2025 09:00 AM	III BME Classroom	BM
17	BM/2025/017	Closed	Awareness on Cancer	25-10-2025 11:00 AM	Pallavi Hall	BM
18	BM/2025/018	Closed	Industry One credit course on Medical Electronics Design	22-10-2025 09:00 AM	KPR Knowledge Campus	BM
19	BM/2025/019	Closed	Five day Online FDP on "New generation Smart Healthcare systems and Medical Equipment Handling	27-10-2025 10:00 AM	KPR Knowledge Campus	BM
20	BM/2025/020	Closed	Advances in Artificial Skin and grafting for burn care	25-10-2025 11:00 AM	Biomechanics Lab	BM
21	BM/2025/021	Closed	AI, IoT and Automation: Transforming Embedded Systems for Industry 4.0	29-10-2025 11:00 AM	THANAM HALL	BM
22	BM/2025/022	Closed	BioFusion 2025: Bridging Embedded Intelligence and Biomedical Innovation	29-10-2025 09:00 AM	BME Project Laboratory	BM

Events

KPR Institute of Engineering and Technology

No	Event No.	Status	Name	Date Time	Venue	Dept.
23	BM/2025/024	Closed	Industry Exposure visit	26-11-2025 01:00 PM	CoimbatoreCoimbatore	BM
24	BM/2025/025	Closed	Industry expectations over Engineering Demands	18-09-2025 10:00 AM	II BME III BME IV BME	BM
25	BM/2025/026	Closed	Role of New Gen on Defence and Army	10-09-2025 10:20 AM	II BME III BME CLASSROOM	BM
26	BM/2025/027	Closed	Alumni Guest Talk on "Opportunities abroad and Biomedical scope @ Newcastle Univ"	29-08-2025 10:30 AM	II BME III BME	BM
27	BM/2025/028	Closed	One Credit Course on Software tools for Biomedical Engineers	17-12-2025 09:00 AM	II BME classroom	BM
28	BM/2025/029	Closed	TLP 360	19-12-2025 02:00 PM	BIOMECHANICS LAB	BM
29	BM/2025/030	Closed	Five Days Pedagogial Enhancement Workshop	17-12-2025 02:00 PM	BIOMECHANICS LAB	BM
30	BM/2025/031	Closed	Biomedical Equipment Testing and Calibration	05-01-2026 09:30 AM	CBET	BM
31	BM/2025/032	Closed	Smart Healthcare Systems and IoT in Biomedicine	24-09-2025 09:00 AM	III BM Lecture Hall	BM
32	BM/2025/033	Closed	PRODUCT TO PROTOTYPE COMMERCIALIZATION - THIGNS TO BE TAKEN CARE	21-02-2026 11:00 AM	Biomechanics lab	BM
33	BM/2025/034	Closed	TECH HEIST	21-02-2026 09:30 AM	III BME	BM
34	BM/2025/035	Closed	The Rational Room	20-02-2026 09:30 AM	III BME Lecture Hall	BM
35	BM/2025/036	Closed	Bio Hack Ai	20-02-2026 10:00 AM	New 360 Hall	BM
36	BM/2025/037	Closed	Paper Presentation	20-02-2026 09:30 AM	S&H; - 203	BM
37	BM/2025/038	Closed	Medical Conclave 2.0	27-02-2026 10:00 AM	Ragam Hall, KPRIET	BM
38	BM/2025/039	Closed	Project Presentation	21-02-2026 10:00 AM	EEE Drawing Hall	BM
39	BM/2025/040	Closed	Deep learning approach for complex systems	18-03-2026 01:45 PM	BME Department	BM
40	BM/2025/041	Closed	WristSense+: A Multi-Parametric AI Wearable for Early Health Risk Detection	18-03-2026 11:00 AM	Veena Hall	BM

Event No	BM/2025/001
Status	Closed
Name	Free Medical Camp
Date and Time	26-07-2025 09:30 AM to 04:20 PM
Mode	On Campus
Type	ISR Activity
Level	Institute
Organized For	Others
Related SDG	3: Good Health and Well-being
Department	BM
Involved Subject Hours	Hour 1, Hour 2, Hour 3, Hour 4, Hour 5, Hour 6, Hour 7
Faculty Internal Participants	35
Students Internal Participants	85
Other Participants	120

Staffs Involved

No	Full Name	Role
1	BME07 - SREELATHA P	Convenor
2	BME19 - ARUNKUMAR P	Co-convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Chief Guest	DR. A MUKESH	GENERAL PHYSICIAN	arunkumarp@kpriet.ac.in	KGM hospitals

Event Description

A free medical camp will be organized on 26th July 2025 in association with KGM Hospitals, Coimbatore. The camp aims to provide general health check-ups, specialist consultations, and basic diagnostic services. It is open to the public and focuses on promoting health awareness. Experienced doctors and medical staff from KGM Hospitals will be available for consultations. All are welcome to benefit from this initiative towards a healthier community.

Actual Outcome and Report of the Event

A dedicated team of physicians and specialists conducted screenings for blood pressure, glucose levels, and general health while distributing free medicines to those in need. Most cases treated involved seasonal ailments and chronic conditions, highlighting a significant need for regular health monitoring within the community. The initiative concluded with positive feedback from participants, effectively bridging the gap in medical accessibility and raising overall health awareness.

POSTER



WEBIMG



IMG1



IMG2



Events

KPR Institute of Engineering and Technology

Event No	BM/2025/002
Status	Closed
Name	Core Business Concepts
Date and Time	14-07-2025 09:00 AM to 10:00 PM
Mode	On Campus
Type	Resource Person
Level	Cell Committee
Organized For	Students
Related SDG	4: Quality Education, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 1, Hour 2, Hour 3, Hour 4
Venue	BME III YR
Other Participants	70

Staffs Involved

No	Full Name	Role
1	BME07 - SREELATHA P	Convenor

Event Description

To foster entrepreneurial thinking and real-world acumen among undergraduate students, the Center for Innovation conducted an immersive workshop on Core Business Concepts. This initiative aimed to bridge academic learning with practical business strategies by introducing students to the foundational pillars of modern enterprise.

Actual Outcome and Report of the Event

Students gained foundational knowledge of business models, financial planning, and market dynamics.

Interactive sessions enhanced entrepreneurial thinking and strategic problem-solving.

Group activities fostered collaboration and real-time decision-making skills.

Real-world case studies helped contextualize business concepts within engineering and healthcare.

Participants left empowered to integrate core business principles into innovative project ideas.

Would you like a version tailored for an official report or press release too?

Event No	BM/2025/003
Status	Closed
Name	Free eye Camp
Date and Time	20-07-2025 07:30 AM to 03:00 PM
Mode	Off Campus
Type	ISR Activity
Level	District
Organized For	Others
Related SDG	10: Reduced Inequality, 11: Sustainable Cities and Communities, 15: Life on Land, 17: Partnerships to achieve the Goal, 3: Good Health and Well-being, 8: Decent Work and Economic Growth
Department	BM
Involved Subject Hours	Hour 1, Hour 2, Hour 3, Hour 4, Hour 5, Hour 6, Hour 7
Other Participants	756

Staffs Involved

Events

No	Full Name	Role
1	BME07 - SREELATHA P	Convenor

Event Description

Free eye and general health camp for general public

Actual Outcome and Report of the Event

Here's a concise and positive report based on your request:

Report on Free Eye Camp and General Health CampA free eye and general health camp was successfully organized at Balakrishna Kalyana Mandapam, Periyanaickenpalayam, with support from Aravind Eye Hospital and YFCC. The event drew an enthusiastic response, with 756 participants from the local community benefitting from a range of healthcare services.

Eye screenings were conducted extensively, resulting in the recommendation of 113 free cataract surgeries, to be arranged by Aravind Eye Hospital as part of their continued service to public health. In addition to ocular assessments, general health checkups—including blood pressure, diabetes screening, and basic wellness consultations—were provided.

To ensure comfort and dignity for all attendees, free distribution of meals was arranged throughout the day. The initiative not only offered medical relief but also strengthened community bonds through compassionate care and outreach.

The organizing team expressed gratitude to all volunteers, clinicians, and support staff for making the camp a resounding success. This camp stands as a testament to collaborative public service and the shared vision of improving healthcare access for all.

Would you like help converting this into a newsletter, press note, or certificate of appreciation? I'd love to assist!

Event No	BM/2025/004
Status	Closed
Name	Molecular Mechanisms in Inflammation and Cancer
Date and Time	21-07-2025 10:30 AM to 12:00 PM
Mode	On Campus
Type	Expert Talk
Level	Dept. Level
Organized For	Students
Related SDG	3: Good Health and Well-being, 4: Quality Education, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 3, Hour 4
Venue	BIOMECHANICS LABORATORY
Other Participants	60

Staffs Involved

No	Full Name	Role
1	BME21 - RAJASINGAM N	Convenor
2	BME25 - PAYEL DAS	Coordinator
3	BME27 - KANIMOZHI S	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Dr. Mirza S Baig	Professor	msb.iit@iiti.ac.in	Department of Biosciences & Biomedical Engineering, Indian Institute of Technology Indore

Events

KPR Institute of Engineering and Technology

Event Description

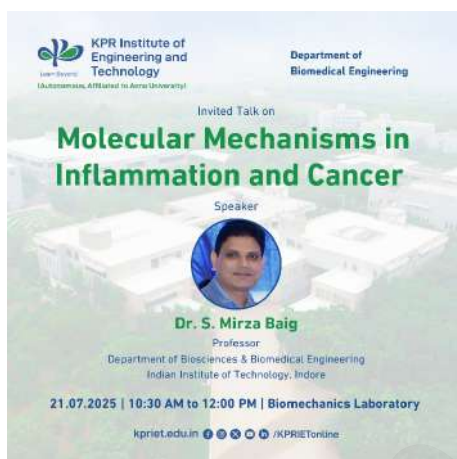
The Department of Biomedical Engineering is organizing an Expert Talk on "Molecular Mechanisms in Inflammation and Cancer" for the final year Biomedical Engineering students. The session aims to provide in-depth insights into the cellular and molecular pathways linking inflammation to cancer progression, highlighting current research trends and potential therapeutic strategies. This expert interaction is designed to enhance the students' understanding of translational biomedical research and its clinical implications.

Actual Outcome and Report of the Event

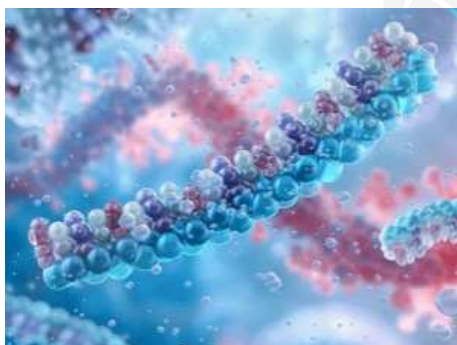
Participants gained in-depth knowledge of the molecular and cellular pathways involved in inflammation and their role in the initiation and progression of cancer.

Students and faculty were introduced to current research advancements and therapeutic targets being explored in inflammation-associated cancers. Final-year students received motivation and guidance on potential career paths in biomedical research, drug development, and related interdisciplinary fields.

POSTER



WEBIMG



IMG1



IMG2



Events

KPR Institute of Engineering and Technology

Event No	BM/2025/005
Status	Closed
Name	GATEway to Excellence: Roadmap to Postgraduate Opportunities
Date and Time	22-07-2025 09:00 AM to 10:30 AM
Mode	On Campus
Type	Orientation
Level	Dept. Level
Organized For	Students
Related SDG	4: Quality Education, 9: Industry, Innovation and Infrastructure
Department	BM
Asso. Department	CAC
Involved Subject Hours	Hour 1, Hour 2
Venue	II BME
Other Participants	70

Staffs Involved

No	Full Name	Role
1	BME21 - RAJASINGAM N	Convenor
2	BME29 - KRISHNA KUMAR R	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Mirza S Baig	Professor	msb.iit@iiti.ac.in	Department of Biosciences & Biomedical Engineering, Indian Institute of Technology Indore

Event Description

The Department of Biomedical Engineering, in association with the Career Advancement Cell, is organising an orientation titled: "GATEway to Excellence: Roadmap to Postgraduate Opportunities". This session is designed to provide Biomedical Engineering students with a clear understanding of the Graduate Aptitude Test in Engineering (GATE) and its role in shaping future academic and career trajectories. The session will offer expert insights into the exam pattern, core subject focus, preparation strategies, and the wide array of opportunities that GATE unlocks — including admissions to top-tier institutions (IITs, NITs, IISc), scholarships, and placements in Public Sector Undertakings (PSUs).

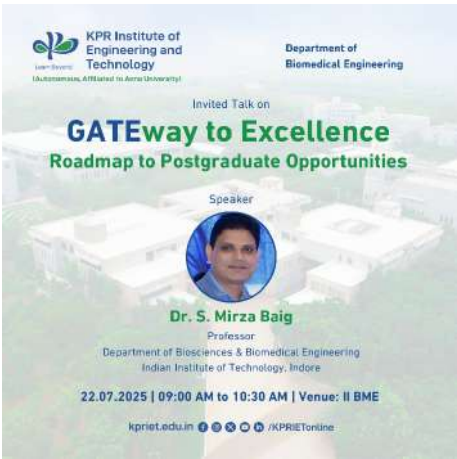
Actual Outcome and Report of the Event

Understand the significance of GATE in shaping academic and professional careers, particularly for Biomedical Engineering graduates.
Recognize various career pathways post-GATE, including admissions to IITs/NITs/IISc, scholarships, and PSU recruitments.
Formulate a personalized GATE preparation strategy, including resource planning, time management, and mock test utilisation.

WEBIMG



POSTER



IMG1



IMG2



Event No	BM/2025/006
Status	Closed
Name	BMESI Inauguration
Date and Time	21-07-2025 03:00 PM to 04:00 PM
Mode	On Campus
Type	Association Activity
Level	Dept. Level
Organized For	Students
Related SDG	4: Quality Education, 9: Industry, Innovation and Infrastructure
Department	BM
Asso. Department	BMESI (BioMedical)
Other Participants	150

Staffs Involved

No	Full Name	Role
1	BME27 - KANIMOZHI S	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Chief Guest	Dr.S.Mirza Baig	Professor		IIT Indore

Event Description

The BMESI Inauguration marks the launch of our student chapter under the professional body Biomedical Engineering Society of India (BMESI), dedicated to promoting excellence in biomedical engineering. The event signifies a platform for students and faculty to engage in academic, research, and professional development activities.

IMG1



Events

KPR Institute of Engineering and Technology

Event No	BM/2025/007
Status	Closed
Name	ISR activity - "Carrer Opportunities in Biomedical Engineering
Date and Time	10-07-2025 09:30 AM to 03:30 PM
Mode	On Campus
Type	ISR Activity
Level	Dept. Level
Organized For	Students
Related SDG	17: Partnerships to achieve the Goal, 3: Good Health and Well-being, 4: Quality Education, 5: Gender Equality, 8: Decent Work and Economic Growth, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 1, Hour 2, Hour 3, Hour 4, Hour 5, Hour 6
Venue	Veena Hall
Faculty External Participants	4
Students External Participants	210

Staffs Involved

No	Full Name	Role
1	BME23 - SUDARVIZHI D	Convenor
2	EC079 - TAMILSELVAN K S	Co-convenor
3	NT908 - SHANMUGAVEL N	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Dr.D.Sudarvizhi, Dr.Babu Rangaraj, Dr.Rojaramani	Associate Professor	sudarvizhi.d@kpriet.ac.in	KPRIET

Event Description

Participants: Sankara Polytechnic College Saravanampatti, Coimbatore, Tamil Nadu 641035

No. of Participants: Illrd year diploma CSE – 210 Students

Organizers : BME Admissions

Actual Outcome and Report of the Event

Gained exposure about the features of KPR Institute of Engg and Technology and we received all the contacts for lateral entry admissions from sankara polytechnic college.

IMG1



IMG2



Event No	BM/2025/008
Status	Closed
Name	Student Association Inauguration
Date and Time	12-08-2025 11:00 AM to 12:30 PM
Mode	On Campus
Type	Association Activity
Level	Dept. Level
Organized For	Students
Related SDG	17: Partnerships to achieve the Goal, 4: Quality Education, 9: Industry, Innovation and Infrastructure
Department	BM
Asso. Department	BMESI (BioMedical)
Involved Subject Hours	Hour 3, Hour 4
Venue	Ragam Hall
Other Participants	230

Staffs Involved

No	Full Name	Role
1	EC079 - TAMILSELVAN K S	Convenor
2	BME27 - KANIMOZHI S	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Chief Guest	Mr.Boopathi Sakthivel	Founder &CEO;		Prashan Medical Technologies

IMG1



IMG2



POSTER



Event No	BM/2025/009
Status	Closed
Name	Dental Campaign
Date and Time	29-08-2025 10:00 AM to 04:00 PM
Mode	On Campus
Type	Association Activity
Level	Institute
Organized For	KPRIET
Related SDG	3: Good Health and Well-being, 4: Quality Education, 9: Industry, Innovation and Infrastructure
Department	BM
Asso. Department	BMESI (BioMedical)
Involved Subject Hours	Hour 2, Hour 3, Hour 4, Hour 5, Hour 6, Hour 7
Venue	Medical Room
Other Participants	300

Staffs Involved

No	Full Name	Role
1	BME27 - KANIMOZHI S	Convenor
2	BME23 - SUDARVIZHI D	Co-convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Chief Guest	Dr. A Alice Nobelika	Dentist		Dr.Nobelika's Multispeciality Dental Clinic

Event Description

The Department of Biomedical Engineering BMES Association successfully organized a Dental Camp on 29th August 2025 from 10:00 AM onwards in association with Dr. Nobelika's Multispeciality Dental Clinic. The camp was graced by Dr. A. Alice Nobelika, who served as the Chief Guest, along with two senior doctors from her team. The program began with a brief inaugural session followed by free dental check-ups, oral health consultations, and awareness talks for students, faculty, and staff members. The camp created awareness about the importance of oral hygiene, preventive care, and early detection of dental issues. A large number of participants actively benefited from the initiative, making the event a meaningful step towards promoting health and well-being on campus.

POSTER



IMG1



IMG2



Event No	BM/2025/010
Status	Closed
Name	Technical Seminar on "Entrepreneurship in Healthcare"
Date and Time	13-08-2025 09:30 AM to 12:30 PM
Mode	On Campus
Type	Seminar
Level	Dept. Level
Organized For	Students
Related SDG	10: Reduced Inequality, 1: No Poverty, 3: Good Health and Well-being, 4: Quality Education, 5: Gender Equality, 8: Decent Work and Economic Growth
Department	BM
Involved Subject Hours	Hour 1, Hour 2, Hour 3, Hour 4
Venue	III BME Classroom
Other Participants	72

Events

KPR Institute of Engineering and Technology

Staffs Involved

No	Full Name	Role
1	BME23 - SUDARVIZHI D	Coordinator

Event No	BM/2025/011
Status	Closed
Name	Value Added Course on Building Biomedical Device - Design to Prototype
Date and Time	24-09-2025 09:00 AM to 04:15 PM
Mode	On Campus
Type	VAC / Training Program
Level	Institute
Organized For	Students
Related SDG	12: Responsible Consumption and Production, 3: Good Health and Well-being, 4: Quality Education, 8: Decent Work and Economic Growth
Department	BM
Involved Subject Hours	Hour 1, Hour 2, Hour 3, Hour 4, Hour 5, Hour 6, Hour 7
Venue	II BME classroom
Students Internal Participants	77

Staffs Involved

No	Full Name	Role
1	BME29 - KRISHNA KUMAR R	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Dr.A.Allwyn Gnanadas	Assistant Professor - III	allwyn@kpriet.ac.in	KPR Institute of Engineering and Technology
2	Resource Person	R Krishna Kumar	Assistant Professor-II	krishnakumar.r@kpriet.ac.in	KPR Institute of Engineering and Technology
3	Resource Person	Dr.P.Arunkumar	Assistant Professor-III	arunkumarp@kpriet.ac.in	KPR Institute of Engineering and Technology

Event Description

Value Added Course titled 'Building Biomedical device - Design to Prototype' is planned to be conducted for II BME students for enhancing the device design knowledge

Actual Outcome and Report of the Event

By the end of the sessions, participants had:

Understood various 3D printing technologies, modeling tools, materials, and biomedical applications.

Applied basic electronics principles such as resistance analysis, voltage dividers, and sensor interfacing using multimeters, LDRs, and potentiometers.

Designed and analyzed passive and active electronic circuits, including filters, Thevenin equivalents, and transistor-based configurations.

Understood the process of biomedical prototype development, from concept design to functional prototype realization.

Applied design thinking principles and business model canvas techniques to identify user needs and develop innovative biomedical solutions.

POSTER



WEBIMG



IMG1



IMG2



Table with 2 columns: Field (Event No, Status, Name, Date and Time, Mode, Type, Level, Organized For, Related SDG, Department, Involved Subject Hours, Venue, Students External Participants) and Value (BM/2025/012, Closed, IEEE Sponsored Calibration of critical care devices, 26-09-2025 | 09:30 AM to 04:30 PM, On Campus, Workshop, National, Students, 4: Quality Education, 9: Industry, Innovation and Infrastructure, BM, Hour 1, Hour 2, Hour 3, Hour 4, Hour 5, Hour 6, BMI Lab, 30)

Staffs Involved

Table with 3 columns: No, Full Name, Role. Rows include BM001 - ALLWYN GNANADAS A (Convenor), BME29 - KRISHNA KUMAR R (Co-convenor), and NT913 - KIRUTHIKA S (Coordinator).

Resource Persons

Table with 6 columns: No, Type, Name, Designation, Email, Organization. Row 1: 1, Resource Person, Dinesh kumar, Calibration manager, Helix Private Limited.

Event Description

A hands on workshop on calibration of critical care devices where the students will be practically testing the various parameters of different critical care devices such as defibrillator, ventilator, syringe pump, infusion pump, patient monitor and other such equipment

Actual Outcome and Report of the Event

Students learned calibration of critical care devices by performing hands on calibration on devices such as infusion pump, syringe pump, defibrillator, ventilator, nebulizer and the electrical safety of all these machines

POSTER



WEBIMG



IMG1



IMG2



Event No	BM/2025/013	
Status	Closed	
Name	International quiz series - world hepatitis day	
Date and Time	28-07-2025 09:00 AM to 09:00 PM	
Mode	Off Campus	
Type	Quiz	
Level	National	
Organized For	Students	
Related SDG	3: Good Health and Well-being, 4: Quality Education	
Department	BM	
Asso. Department	IEEE	
Involved Subject Hours	Hour 1, Hour 2, Hour 3, Hour 4, Hour 5, Hour 6, Hour 7	
Students External Participants	170	
Other Participants	170	

Staffs Involved

No	Full Name	Role
1	BM001 - ALLWYN GNANADAS A	Convenor
2	BME19 - ARUNKUMAR P	Co-convenor

Event Description

A quiz competition to create awareness about hepatitis

Actual Outcome and Report of the Event

On the occasion of World Hepatitis Day, IEEE KPRIET EMBS SBC organized an International Quiz Series on 28th July 2025 through an online platform. The event aimed to raise awareness about Hepatitis and engage students across institutions in an informative and interactive learning experience. The quiz received an overwhelming response with over 100 participants registering for the event. In order to accommodate the large number of participants and ensure smooth coordination, the quiz was conducted simultaneously on two separate Google Meet links. In the first Google Meet session, the event was hosted by Ms. Karthi Srinithi, who engaged the participants and managed the flow of the session. The quiz was effectively conducted by Ms. Linghadharinee A S, who ensured clarity and enthusiasm throughout the session. The second Google Meet session was hosted by Ms. Dhakshatha M K, who managed the platform and interactions with participants. The quiz in this session was conducted by Ms. Dharani K, who skillfully guided participants through the quiz rounds with energy and precision. The quiz sessions were highly interactive, fostering active participation and knowledge exchange. Throughout the session, leaderboards were displayed live on screen, allowing participants to track their performance and adding a competitive yet encouraging atmosphere to the event. The real-time updates kept the participants engaged and motivated until the final round. The event concluded with the collection of feedback, in which participants expressed appreciation for the engaging and supportive learning environment. The dedication and teamwork of the organizing committee, especially the student coordinators and session hosts, contributed greatly to the success of the event. The International Quiz Series not only created awareness about Hepatitis but also demonstrated the power of collaboration and digital engagement in educational outreach.

POSTER



IMG1



Events

KPR Institute of Engineering and Technology

Event No	BM/2025/014
Status	Closed
Name	Understanding Breast Cancer - Prevention, Detection and Treatment
Date and Time	14-10-2025 02:30 PM to 04:00 PM
Mode	On Campus
Type	Guest Lecture
Level	Institute
Organized For	Students
Related SDG	10: Reduced Inequality, 3: Good Health and Well-being, 4: Quality Education, 5: Gender Equality, 9: Industry, Innovation and Infrastructure
Department	BM
Asso. Department	WEC
Involved Subject Hours	Hour 6, Hour 7
Venue	RAGAM HALL
Students Internal Participants	150

Staffs Involved

No	Full Name	Role
1	BME29 - KRISHNA KUMAR R	Co-convenor
2	CH017 - UMAPRIYA R	Convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Arulmurugan	Consultant Robotic and Laparoscopic Surgeon	krishnakumar.r@kpriet.ac.in	GEM Hospital

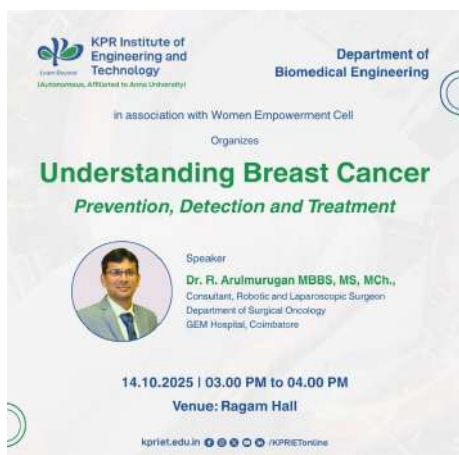
Event Description

Department of BME in association with Women Empowerment Cell organizing an Awareness on Breast Cancer with Dr.R.Arulmurugan from GEM Hospital as the Resource person.

Actual Outcome and Report of the Event

Female students gained accurate knowledge on breast health, self-examination, and early detection from the oncologist. The session encouraged open discussions and proactive attitudes toward breast cancer awareness and prevention.

POSTER



WEBIMG



IMG1



IMG2



Event No	BM/2025/015
Status	Closed
Name	Capsule course on Endoscopy and Laparoscopy
Date and Time	11-10-2025 09:00 AM to 04:00 PM
Mode	On Campus
Type	Resource Person
Level	Dept. Level
Organized For	Students
Related SDG	15: Life on Land, 3: Good Health and Well-being, 4: Quality Education
Department	BM
Involved Subject Hours	Hour 1, Hour 2, Hour 3, Hour 4, Hour 5, Hour 6, Hour 7
Venue	II BME Classroom
Students Internal Participants	39

Staffs Involved

Events

KPR Institute of Engineering and Technology

No	Full Name	Role
1	BME29 - KRISHNA KUMAR R	Convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Krishna Kumar R	Assistant Professor-II	krishnakumar.r@kpriet.ac.in	KPR Institute of Engineering and Technology

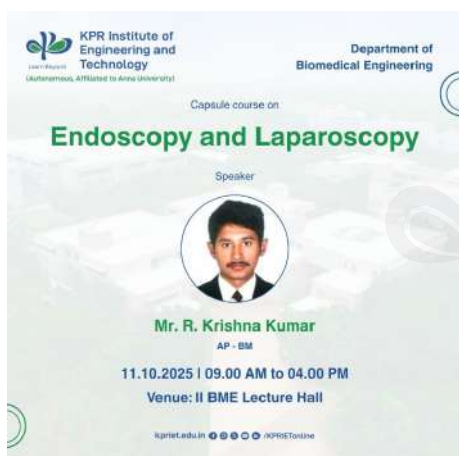
Event Description

A Faculty from Biomedical Engineering department is planned to conduct a Capsule/Nano course on Endoscopy and Laparoscopy for the II BME students on 11.10.2025. Thirty-Nine Students from II BME have enrolled for the course during the Course registration process. Upon completion of the Course, the same will be reflected in their Grade sheet. The course has no credits.

Actual Outcome and Report of the Event

Upon completion of the course, the student will be able to
Explain the clinical applications of Endoscopy
Understand the clinical applications of Laparoscopy

POSTER



IMG1



IMG2



Events

KPR Institute of Engineering and Technology

Event No	BM/2025/016
Status	Closed
Name	Biosignal Interface and Analysis using LabVIEW
Date and Time	14-10-2025 09:00 AM to 04:00 PM
Mode	On Campus
Type	One Credit Course (OCC)
Level	Dept. Level
Organized For	Students
Related SDG	3: Good Health and Well-being
Department	BM
Involved Subject Hours	Hour 1, Hour 2, Hour 3, Hour 4, Hour 5, Hour 6, Hour 7
Venue	III BME Classroom
Faculty Internal Participants	1
Students Internal Participants	71

Staffs Involved

No	Full Name	Role
1	BME13 - GAYATHRI T	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Mr. Boopathi Sakthivel	Founder and CEO	support@prashanmedtech.com	Prashan Medical Technologies

Event Description

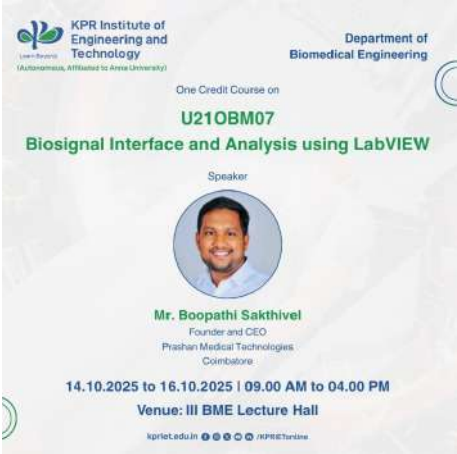
Department of Biomedical Engineering is organizing Industry oriented one credit course - U21OBM07 Biosignal Interface and Analysis using LabVIEW for the III BME students. The session is handled by Mr. Boopathi Sakthivel, Founder and CEO, Prashan Medical Technologies, Coimbatore.

Actual Outcome and Report of the Event

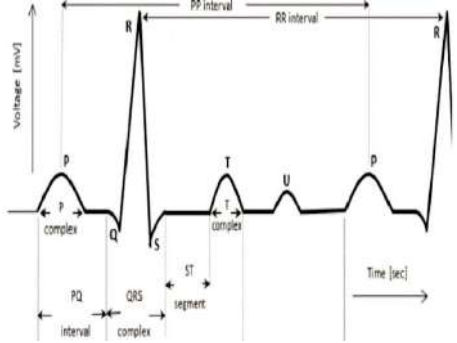
Department of Biomedical Engineering organized an Industry oriented one credit course on "Biosignal Interface and Analysis using LabVIEW" from 14.10.2025 to 16.10.2025. The session was handled by Mr. Boopathi Sakthivel, Founder and CEO, Prashan Medical Technologies, Coimbatore. The following topics were taken in each session for the third year Biomedical Engineering students.

1. Introduction to LabVIEW and its installation
 2. Sensor integration with LabVIEW (Heart Rate, BP, DAQ modules, ECG, etc.)
 3. Data acquisition, filtering, amplification, comparison of data, and control of external devices (LED) using LabVIEW
 4. Advantages of Virtual Instrumentation and comparison with conventional instruments
 5. LabVIEW Software Overview, including graphical user interface, palettes, and tools
 6. General functional description of digital instruments
 7. Front panel objects, functions, and libraries
 8. Interfacing hardware such as myDAQ and Arduino with LabVIEW
 9. Overview of PC architecture in relation to data acquisition systems
- The session provided students with hands-on exposure to graphical programming, signal acquisition, data processing, and real-time control using LabVIEW.

POSTER



WEBIMG



IMG1



IMG2



Event No	BM/2025/017
Status	Closed
Name	Awareness on Cancer
Date and Time	25-10-2025 11:00 AM to 12:30 PM
Mode	On Campus
Type	Guest Lecture
Level	Institute
Organized For	Others
Related SDG	10: Reduced Inequality, 15: Life on Land, 17: Partnerships to achieve the Goal, 3: Good Health and Well-being, 4: Quality Education, 5: Gender Equality, 8: Decent Work and Economic Growth
Department	BM
Involved Subject Hours	Hour 3, Hour 4
Venue	Pallavi Hall
Faculty Internal Participants	43

Staffs Involved

No	Full Name	Role
1	BME29 - KRISHNA KUMAR R	Coordinator
2	BME23 - SUDARVIZHI D	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Manikandan Ramalingam	Consultant Surgical Oncologist	krishnakumar.r@kpriet.ac.in	Royal Care Super speciality Hospital, Coimbatore

Event Description

Department of Biomedical Engineering in association with Faculty Affairs organizing a Guest Lecture on 25/10/2025 on Awareness session on Breast Cancer by Dr.Manikandan Ramalingam, MBBS, MS (General Surgery), MCh(Surgical Oncology), Consultant Surgical Oncologist, Royal Care Super speciality Hospital, Coimbatore for Female staffs of KPRIET.

Actual Outcome and Report of the Event

Faculty members of KPRIET have gained awareness on Cancer and importance of preventing oneself from Cancer attack. The Session was very useful for the staffs, and it was very interactive.

POSTER



Events

KPR Institute of Engineering and Technology

WEBIMG



IMG1



IMG2



Event No	BM/2025/018
Status	Closed
Name	Industry One credit course on Medical Electronics Design
Date and Time	22-10-2025 09:00 AM to 04:19 PM
Mode	On Campus
Type	One Credit Course (OCC)
Level	Dept. Level
Organized For	Students
Related SDG	12: Responsible Consumption and Production, 17: Partnerships to achieve the Goal, 3: Good Health and Well-being, 4: Quality Education, 8: Decent Work and Economic Growth, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 1, Hour 2, Hour 3, Hour 4, Hour 5, Hour 6, Hour 7
Faculty Internal Participants	1
Students Internal Participants	77

Staffs Involved

No	Full Name	Role
1	BM001 - ALLWYN GNANADAS A	Convenor

Resource Persons

Events

KPR Institute of Engineering and Technology

No	Type	Name	Designation	Email	Organization
1	Resource Person	Guruprasandh	CEO		Medsby Healthcare and Engineering solutions

Event Description

One credit course on Medical Electronics design is organised for II BME students with Mr.Guruprasandh as Resource person

Actual Outcome and Report of the Event

By the end of the three-day sessions, participants had:

Configured and programmed a microcontroller for digital and analog sensor interfacing.

Acquired, processed, and transmitted physiological data such as heart rate using UART and I2C communication.

Implemented digital signal processing techniques and real-time heart rate calculation algorithms.

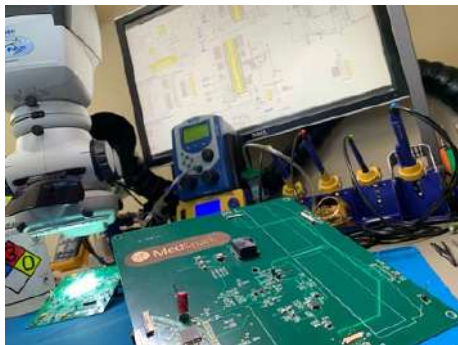
Designed and modeled functional 3D components and enclosures for embedded medical devices using Fusion 360.

Integrated electronic and mechanical designs into a functional prototype demonstrating data acquisition and display.

POSTER



WEBIMG



IMG1



Events

KPR Institute of Engineering and Technology

IMG2



Event No	BM/2025/019
Status	Closed
Name	Five day Online FDP on "New generation Smart Healthcare systems and Medical Equipment Handling
Date and Time	27-10-2025 10:00 AM to 04:00 PM
Mode	Online
Type	FDP
Level	Dept. Level
Organized For	Teaching
Related SDG	17: Partnerships to achieve the Goal, 3: Good Health and Well-being, 4: Quality Education, 8: Decent Work and Economic Growth, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 2, Hour 3, Hour 4, Hour 5, Hour 6
Online Medium	Zoom
Faculty Internal Participants	10
Faculty External Participants	38
Other Participants	38

Staffs Involved

No	Full Name	Role
1	BME23 - SUDARVIZHI D	Convenor

Event Description

The Department of Biomedical Engineering is organizing the Five days Online Faculty Development Program on "New Generation Smart Healthcare systems & Medical Equipment Handling" from 27.10.2025 to 31.10.2025 through Online mode. The registration fees for the 5 days FDP is Rs 300 , The registration form is enclosed below for your kind reference. All can register and explore the knowledge sharing of Doctors, Industry delegates from top MNCs and Top academicians from various universities including IIT & VIT. This will create a benchmark for our academic appraisal credit and progress in our career development.

Actual Outcome and Report of the Event

FDP created social networking among doctors and academicians

Event No	BM/2025/020
Status	Closed
Name	Advances in Artificial Skin and grafting for burn care
Date and Time	25-10-2025 11:00 AM to 12:00 PM
Mode	On Campus
Type	Guest Lecture
Level	Dept. Level
Organized For	Students
Related SDG	3: Good Health and Well-being
Department	BM
Involved Subject Hours	Hour 3
Venue	Biomechanics Lab
Faculty Internal Participants	2
Students Internal Participants	38

Staffs Involved

No	Full Name	Role
1	BME13 - GAYATHRI T	Coordinator
2	BME23 - SUDARVIZHI D	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Dr. T. Krishnakumar	Consultant Plastic Surgeon	gayathri.t@kpriet.ac.in	Royal Care Hospital

Event Description

Department of Biomedical Engineering in association with KPR Medical Centre organizes guest lecture on "Advances in Artificial Skin and grafting for burn care".

Actual Outcome and Report of the Event

Department of Biomedical Engineering organized guest lecture on "Advances in Artificial skin and grafting for burn care" for the students. The session was handled by Dr. T. Krishnakumar from Royal Care Super specialty Hospital, Coimbatore. He discussed about the anatomy and physiology of skin, types of burns, materials used as substitutes for skin and commonly available skin substitutes.

POSTER



WEBIMG



IMG1



IMG2



Events

Event No	BM/2025/021
Status	Closed
Name	AI, IoT and Automation: Transforming Embedded Systems for Industry 4.0
Date and Time	29-10-2025 11:00 AM to 01:30 PM
Mode	On Campus
Type	Expert Talk
Level	Dept. Level
Organized For	Students
Related SDG	11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 3: Good Health and Well-being, 4: Quality Education, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 3, Hour 4
Venue	THANAM HALL
Industry Participants	2
Faculty Internal Participants	6
Students Internal Participants	200

Staffs Involved

No	Full Name	Role
1	BME21 - RAJASINGAM N	Convenor
2	BME13 - GAYATHRI T	Coordinator
3	BME29 - KRISHNA KUMAR R	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Mr. C. Gnanavel Couppousamy	Former Head - LME PMO and Digital Transformation	gnanavelc1978@gmail.com	Lenovo, Puducherry
2	Resource Person	Mr. R. Manickam	Managing Director	mk@datatechgenius.com	Datatech Genius, Puducherry

Event Description

The Department of Biomedical Engineering, in association with the CDC, is organizing an insightful orientation session titled "AI, IoT and Automation: Transforming Embedded Systems for Industry 4.0." The session aims to provide students with an understanding of how Artificial Intelligence, the Internet of Things, and automation technologies are revolutionizing embedded systems and shaping the future of smart industries.

Actual Outcome and Report of the Event

The orientation session on "AI, IoT and Automation: Transforming Embedded Systems for Industry 4.0" enabled students to:

- Gain a clear understanding of how Artificial Intelligence, Internet of Things (IoT), and automation are revolutionizing embedded systems and driving Industry 4.0 transformation.
- Recognize the integration of smart sensors, data communication, and intelligent control in industrial automation.
- Explore real-world case studies demonstrating the application of AI and IoT technologies in smart manufacturing and healthcare systems.
- Develop awareness of current industry trends, research opportunities, and essential skill sets in AI-enabled embedded technologies.

POSTER



WEBIMG



IMG1



IMG2



Events

Event No	BM/2025/022
Status	Closed
Name	BioFusion 2025: Bridging Embedded Intelligence and Biomedical Innovation
Date and Time	29-10-2025 09:00 AM to 11:00 AM
Mode	On Campus
Type	Expo (Project, Product, etc.,)
Level	Dept. Level
Organized For	Students
Related SDG	11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 3: Good Health and Well-being, 4: Quality Education, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 1, Hour 2
Venue	BME Project Laboratory
Faculty Internal Participants	6
Students Internal Participants	200

Staffs Involved

No	Full Name	Role
1	BME21 - RAJASINGAM N	Convenor
2	BME13 - GAYATHRI T	Coordinator
3	BME29 - KRISHNA KUMAR R	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Mr. C. Gnanavel Couppousamy	Former Head - LME PMO and Digital Transformation	gnanavelc1978@gmail.com	Lenovo, Puducherry
2	Resource Person	Mr. R. Manickam	Managing Director	mk@datatechgenius.com	Datatech Genius, Puducherry

Event Description

The Department of Biomedical Engineering is organizing a Project Expo titled "BioFusion 2025: Bridging Embedded Intelligence and Biomedical Innovation", showcasing student-driven projects that merge biomedical concepts with embedded system technologies. The event provides a platform for budding engineers to exhibit their innovative prototypes and solutions addressing real-world biomedical challenges through intelligent embedded systems.

Actual Outcome and Report of the Event

The Project Expo "BioFusion 2025: Bridging Embedded Intelligence and Biomedical Innovation" provided an excellent platform for students to:

- Demonstrate innovative biomedical projects integrating embedded systems, AI and sensor technologies for healthcare applications.
- Exhibit creativity and problem-solving skills through the design and development of intelligent biomedical prototypes.
- Gain hands-on exposure to interdisciplinary applications combining electronics, biomedical engineering and computational intelligence.
- Receive constructive feedback from faculty and industry experts to enhance technical depth and presentation quality.

POSTER



WEBIMG



IMG1



IMG2



Events

KPR Institute of Engineering and Technology

Event No	BM/2025/024
Status	Closed
Name	Industry Exposure visit
Date and Time	26-11-2025 01:00 PM to 04:00 PM
Mode	Off Campus
Type	Industry Visit
Level	Dept. Level
Organized For	Students
Related SDG	3: Good Health and Well-being, 4: Quality Education, 9: Industry, Innovation and Infrastructure
Department	BM
Asso. Department	S & H (IET)
Involved Subject Hours	Hour 5, Hour 6, Hour 7
Venue	CoimbatoreCoimbatore
Industry Participants	6
Faculty Internal Participants	3
Students Internal Participants	70

Staffs Involved

No	Full Name	Role
1	BME07 - SREELATHA P	Convenor
2	BME29 - KRISHNA KUMAR R	Co-convenor

Event Description

I year students of Biomedical Engineering were taken to MedMall, Coimbatore. uring the session, Dr. Senthil Nandan shared his expertise on industry trends, innovation in healthcare delivery, and the importance of bridging academic learning with real-world practices. His interaction emphasized entrepreneurial thinking, ethical business practices, and the role of technology in advancing healthcare accessibility.

The visit not only enhanced students' awareness of industry workflows but also inspired them to connect classroom knowledge with practical applications, fostering experiential learning and professional readiness.

Actual Outcome and Report of the Event

During the session, Dr. Senthil Nandan shared his expertise on industry trends, innovation in healthcare delivery, and the importance of bridging academic learning with real-world practices. His interaction emphasized entrepreneurial thinking, ethical business practices, and the role of technology in advancing healthcare accessibility.

The visit not only enhanced students' awareness of industry workflows but also inspired them to connect classroom knowledge with practical applications, fostering experiential learning and professional readiness. expecting signing og MoU and training for students

POSTER



WEBIMG



IMG1



IMG2



Event No	BM/2025/025
Status	Closed
Name	Industry expectations over Engineering Demands
Date and Time	18-09-2025 10:00 AM to 12:00 PM
Mode	On Campus
Type	Alumni Activity
Level	Dept. Level
Organized For	Students
Related SDG	10: Reduced Inequality, 3: Good Health and Well-being, 4: Quality Education, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 2, Hour 3, Hour 4
Venue	II BME III BME IV BME
Industry Participants	1
Faculty Internal Participants	9
Students Internal Participants	88

Staffs Involved

No	Full Name	Role
1	BME23 - SUDARVIZHI D	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Chief Guest	Mr.Krishna Prakash	Clinical and service specialist	krishanprakash@healthware.com	Healthware , Hyderabad

Event Description

ALUMNI EXPERT TALK on "Industry expectations over Engineering Demands"

Actual Outcome and Report of the Event

Events

KPR Institute of Engineering and Technology

Students involved in internship at Healthware Hyderabad

Event No	BM/2025/026
Status	Closed
Name	Role of New Gen on Defence and Army
Date and Time	10-09-2025 10:20 AM to 11:30 AM
Mode	On Campus
Type	Alumni Activity
Level	Dept. Level
Organized For	Students
Related SDG	10: Reduced Inequality, 3: Good Health and Well-being, 4: Quality Education, 5: Gender Equality, 8: Decent Work and Economic Growth, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 2, Hour 3, Hour 4
Venue	II BME III BME CLASSROOM
Faculty Internal Participants	10
Students Internal Participants	122

Staffs Involved

No	Full Name	Role
1	BME23 - SUDARVIZHI D	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Chief Guest	Mr.Madhavan	Lieutenant (Round 2 cleared)	madhava@gmail.com	Indian army

Event Description

ALUMNI GUEST TALK "Role of New Gen on Defence and Army"

Actual Outcome and Report of the Event

Alumni talk created social networking among students and motivate them to join army to serve the nation.

Events

Event No	BM/2025/027
Status	Closed
Name	Alumni Guest Talk on "Opportunities abroad and Biomedical scope @ Newcastle Univ"
Date and Time	29-08-2025 10:30 AM to 11:30 AM
Mode	On Campus
Type	Alumni Activity
Level	Dept. Level
Organized For	Students
Related SDG	10: Reduced Inequality, 11: Sustainable Cities and Communities, 3: Good Health and Well-being, 4: Quality Education, 5: Gender Equality, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 2, Hour 3, Hour 4
Venue	II BME III BME
Faculty Internal Participants	10
Students Internal Participants	56

Staffs Involved

No	Full Name	Role
1	BME23 - SUDARVIZHI D	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Chief Guest	Ms.Rithanya shree	Student Newcastle university	rithanya@gmail.com	Malasia

Event Description

Alumni Guest Talk on "Opportunities abroad and Biomedical scope @ Newcastle Univ" by Ms.Rithanyashree New castle university Malasia

Actual Outcome and Report of the Event

Alumni talk created social networking among students and motivate them to join higher studies to develop oneself

Event No	BM/2025/028
Status	Closed
Name	One Credit Course on Software tools for Biomedical Engineers
Date and Time	17-12-2025 09:00 AM to 04:00 PM
Mode	Off Campus
Type	One Credit Course (OCC)
Level	Dept. Level
Organized For	Students
Related SDG	17: Partnerships to achieve the Goal, 4: Quality Education, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 1, Hour 2, Hour 3, Hour 4, Hour 5, Hour 6, Hour 7
Venue	II BME classroom
Faculty Internal Participants	77

Events

KPR Institute of Engineering and Technology

Staffs Involved

No	Full Name	Role
1	BME29 - KRISHNA KUMAR R	Convenor
2	BM001 - ALLWYN GNANADAS A	Co-convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Mr. Boopathi Sakthivel	CEO	support@prashanmedtech.com	Prashan Medical Technologies

Event Description

Department of Biomedical Engineering is planned to conduct One Credit Course for II BME students from 17.12.2025 to 22.12.2025 on Software tools for Biomedical Engineers by Resource person from Prashan Medical Technologies, Coimbatore.

Actual Outcome and Report of the Event

MATLAB Proficiency for Biomedical Data
Application of Algorithms in Biomedical Contexts
Industry-Standard Project Development

POSTER



WEBIMG



IMG1



IMG2



Event No	BM/2025/029
Status	Closed
Name	TLP 360
Date and Time	19-12-2025 02:00 PM to 03:00 PM
Mode	On Campus
Type	Expert Talk
Level	Dept. Level
Organized For	Teaching
Related SDG	4: Quality Education
Department	BM
Involved Subject Hours	Hour 5
Venue	BIOMECHANICS LAB
Faculty Internal Participants	15

Staffs Involved

No	Full Name	Role
1	BME07 - SREELATHA P	Convenor

Event Description

Create awareness on teaching learning process with regard to assessment and rubrics

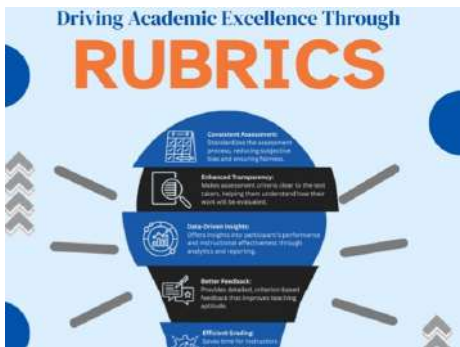
Actual Outcome and Report of the Event

The presentation on assessment and rubrics for KPRIET biomedical engineering faculty and non-teaching staff is designed to build a shared understanding of how structured evaluation tools enhance teaching quality and administrative efficiency. By introducing the principles of assessment and demonstrating the use of rubrics, faculty will gain clarity on aligning evaluation methods with learning outcomes, while non-teaching staff will see how these tools streamline documentation and reporting. The deliberation emphasizes fairness, consistency, and accountability, encouraging active participation and reflection on current practices. The expected outcome is a stronger collaborative culture where both teaching and non-teaching members contribute to transparent evaluation processes, ultimately driving continuous improvement and student success.

POSTER



WEBIMG



IMG1



IMG2



Event No	BM/2025/030
Status	Closed
Name	Five Days Pedagogial Enhancement Workshop
Date and Time	17-12-2025 02:00 PM to 04:15 PM
Mode	On Campus
Type	Workshop
Level	Dept. Level
Organized For	Teaching
Related SDG	3: Good Health and Well-being, 4: Quality Education, 8: Decent Work and Economic Growth, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 5, Hour 6, Hour 7
Venue	BIOMECHANICS LAB
Faculty Internal Participants	14
Students Internal Participants	2

Staffs Involved

Events

KPR Institute of Engineering and Technology

No	Full Name	Role
1	BME23 - SUDARVIZHI D	Convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Dr.P.Arunkumar	AP III	arunkumar.p@kpriet.ac.in	KPRIET
2	Resource Person	Dr.P.Gayathri	AP III	gayathri.t@kpriet.ac.in	KPRIET
3	Resource Person	Dr.P.Sreelatha	Professor	sreelatah.p@kpriet.ac.in	KPRIET
4	Resource Person	Dr.D.Sudarvizhi	Associate Professor	sudarvizhi.d@kpriet.ac.in	KPRIET
5	Resource Person	Dr.N.Rajasingam	AP III	n.rajasingam@kpriet.ac.in	KPRIET

Event Description

Five Days Pedagogical Enhancement Workshop

This TLP 360 is a workshop aimed to upskill the faculty members of BME department to think 0 to 360 degree on Teaching – Learning practices Enhancement series.

Actual Outcome and Report of the Event

This TLP 360 is a workshop aimed to upskill the faculty members of BME department to think 0 to 360 degree on Teaching – Learning practices Enhancement series.

POSTER



WEBIMG



No	Full Name	Role
1	BM001 - ALLWYN GNANADAS A	Convenor
2	BME29 - KRISHNA KUMAR R	Co-convenor
3	NT913 - KIRUTHIKA S	Coordinator

An internship from the center for Biomedical Equipment Testing and Calibration. This internship will provide hands on experience to the students

The interns learned about the testing of the medical devices using Fluke Analyzers

CENTER FOR BIOMEDICAL EQUIPMENT TESTING AND CALIBRATION

Department of Biomedical Engineering, KPRIET, Coimbatore - 641467

5-Day Internship Program on Biomedical Equipment Testing & Calibration

Using Fluke-Certified Biomedical Analyzers

About the Internship

This Internship is designed to provide hands-on exposure to biomedical device testing, calibration, and verification using Fluke-certified analyzers. Participants will learn precise procedures followed in clinical and regulatory measurements to ensure device accuracy, safety, and compliance. All equipment used during the internship is calibrated at Fluke-certified laboratories and aligned with medical calibration certificates in accordance with ISO 17025:2017 standards.



Biomedical

- Fluke Inpace 66305 – Defibrillator Analyzer
- Fluke Proline 8 – Patient Simulator (Enveloping Soft, simulation)
- Fluke ES6411 – Electrical Safety Analyzer
- Fluke BK-15 – Infusion Device Analyzer
- Fluke V1550 – Gas Flow Analyzer (Ventilators, Anaesthesia Machines, etc.)

What will you learn?

- Fundamentals of biomedical equipment testing and calibration
- Understanding international standards and regulatory compliance
- Hands-on operation of Fluke biomedical analyzers
- Verification of medical devices against manufacturer specifications
- Exposure to clinical engineering best practices

5th January 2025

9th January 2025

VENUE: CBET, BME, KPRIET

Regulatory Details

- Registration: Regulatory P2,302
- Disposition with (Lunch & Refreshments): P2,710

Accommodation

- Accommodation will be provided on a first-come, first-served basis, subject to availability
- Charges will apply and are payable in advance

Chester

Dr. Akshay Chakraborty A / Quality Manager | 8466781974
Dr. Anand Kumar A / Technical Support | 9429091036

Registration link

<https://forms.gi/1139vucw9G7208>

A unit of

**KPR Institute of
Engineering and
Technology**
(Autonomous, Affiliated to Anna University)



Event No	BM/2025/032
Status	Closed
Name	Smart Healthcare Systems and IoT in Biomedicine
Date and Time	24-09-2025 09:00 AM to 04:00 PM
Mode	On Campus
Type	VAC / Training Program
Level	Dept. Level
Organized For	Students
Related SDG	4: Quality Education
Department	BM
Venue	III BM Lecture Hall
Faculty Internal Participants	1
Students Internal Participants	71

Staffs Involved

No	Full Name	Role
1	BME19 - ARUNKUMAR P	Convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Dr.P.Arunkumar	AP III	arunkumarp@kpriet.ac.in	KPR Institute of Engineering and Technology
2	Resource Person	Dr.K.Rajasekaran	Professor	rajasekaran.k@kpriet.ac.in	KPR Institute of Engineering and Technology

Event Description

The Value-Added Course on Smart Healthcare Systems and IoT in Biomedicine introduces students to emerging technologies transforming modern healthcare. It covers IoT-enabled medical devices, real-time patient monitoring, wearable health systems, and smart diagnostic solutions. Students gain hands-on experience in sensor integration, data acquisition, cloud connectivity, and healthcare data analytics. The course also emphasizes system design, cybersecurity, and ethical considerations in biomedical applications. By the end of the program, learners are equipped to develop innovative, technology-driven solutions for smarter and more efficient healthcare systems.

Actual Outcome and Report of the Event

The Value-Added Course on Smart Healthcare Systems and IoT in Biomedicine was conducted with active participation from students and faculty members. The sessions included expert lectures, software demonstrations, practical workshops, and interactive discussions. Key topics covered smart patient monitoring systems, wearable biomedical devices, cloud-based healthcare platforms, and data analytics. Participants engaged in hands-on activities to design and simulate IoT-enabled healthcare solutions. The event concluded successfully with positive feedback from attendees.

POSTER



WEBIMG



IMG1



IMG2



Event No	BM/2025/033
Status	Closed
Name	PRODUCT TO PROTOTYPE COMMERCIALIZATION - THINGS TO BE TAKEN CARE
Date and Time	21-02-2026 11:00 AM to 12:30 PM
Mode	On Campus
Type	Workshop
Level	Inter-College
Organized For	Students
Related SDG	12: Responsible Consumption and Production, 4: Quality Education, 8: Decent Work and Economic Growth, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 3, Hour 4
Venue	Biomechanics lab
Registration Link	https://www.theticket9.com/event/fiestaa-2024
Students External Participants	50

Staffs Involved

No	Full Name	Role
1	BME29 - KRISHNA KUMAR R	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	BOOPATHI SAKTHIVEL	CEO	SUPPORT@prashanmedtech.com	PRASHAN MEDICAL TECHNOLOGIES

Event Description

Department of Biomedical Engineering is organizing an Industry run workshop for students of KPRIET and other Institutions on the occasion of Fiestaa on 21.02.2026 at 11.00 am at Biomechanics lab in BME department to educate students on conversion of prototype to Product commercialization.

Actual Outcome and Report of the Event

Students gained an understanding of the process and key considerations involved in converting a prototype into a commercially viable product. The session provided insights into industry requirements, regulatory standards, and challenges in product commercialization.

POSTER



Events

KPR Institute of Engineering and Technology

WEBIMG



IMG1



IMG2



Event No	BM/2025/034
Status	Closed
Name	TECH HEIST
Date and Time	21-02-2026 09:30 AM to 01:00 PM
Mode	On Campus
Type	Quiz
Level	Inter-College
Organized For	Students
Related SDG	17: Partnerships to achieve the Goal, 4: Quality Education
Department	BM
Involved Subject Hours	Hour 1, Hour 2, Hour 3, Hour 4
Venue	III BME
Registration Link	https://app.dossier.nexus/form/019ba6a1-9fba-7128-8ba4-85e296252a76
Students External Participants	80

Staffs Involved

No	Full Name	Role
1	BME29 - KRISHNA KUMAR R	Coordinator

Event Description

Department of Biomedical Engineering is organizing a technical fun event "Tech Heist" for the students of other Institutions.

Actual Outcome and Report of the Event

Participants enhanced their problem-solving, logical thinking, and basic coding skills through engaging, real-time technical challenges. The event promoted teamwork, communication, and collaborative decision-making in a competitive and fun learning environment.

POSTER



WEBIMG



IMG1



IMG2



Event No	BM/2025/035
Status	Closed
Name	The Rational Room
Date and Time	20-02-2026 09:30 AM to 01:30 PM
Mode	On Campus
Type	Competition
Level	Dept. Level
Organized For	Students
Related SDG	3: Good Health and Well-being, 4: Quality Education, 5: Gender Equality, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 1, Hour 2, Hour 3, Hour 4, Hour 5
Venue	III BME Lecture Hall
Faculty External Participants	50

Staffs Involved

No	Full Name	Role
1	BME19 - ARUNKUMAR P	Coordinator
2	BME23 - SUDARVIZHI D	Coordinator

Event Description

The Biomedical Engineering (BME) department of KPRIET organized a “Rational Room” event on 20.02.2026 to foster collaborative problem-solving and critical thinking among students. Participants engaged in structured discussions focused on real-world engineering challenges and innovative solution strategies. The session encouraged interdisciplinary interaction, creative reasoning, and analytical dialogue. Faculty mentors guided teams to evaluate ideas logically and present well-justified conclusions. The event concluded with reflections on key insights and plans for applying the learned approaches in future projects.

Actual Outcome and Report of the Event

The Rational Room event was successfully conducted by the Department of Biomedical Engineering at KPRIET. The session focused on enhancing critical thinking, logical reasoning, and collaborative problem-solving skills among students. Participants actively engaged in analytical discussions and innovative idea generation activities. Faculty members guided the teams in evaluating practical solutions to real-world challenges. The event concluded with positive feedback and encouraged students to apply rational thinking in academics and research.

POSTER



WEBIMG



IMG1



IMG2



Events

Event No	BM/2025/036
Status	Closed
Name	Bio Hack Ai
Date and Time	20-02-2026 10:00 AM to 04:00 PM
Mode	On Campus
Type	Hackathon
Level	National
Organized For	Students
Related SDG	3: Good Health and Well-being, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 2, Hour 3, Hour 4, Hour 5, Hour 6, Hour 7
Venue	New 360 Hall
Students External Participants	104

Staffs Involved

No	Full Name	Role
1	BM001 - ALLWYN GNANADAS A	Convenor

Event Description

The hackathon is organised with the objective of fostering innovation, interdisciplinary problem-solving, and hands-on technical competence among students. The event provides a structured platform for participants to ideate, design, prototype, and present technology-driven solutions aligned with emerging and industry-relevant domains.

Each hackathon will be conducted for a duration of 6 hours, with separate registrations to ensure focused participation and effective mentoring. Approximately 50 teams will participate in each domain, with each team comprising a minimum of two and a maximum of three participants.

Actual Outcome and Report of the Event

The Bio Hack AI Hackathon 2026 was successfully conducted on 20 February 2026 as a 6-hour innovation-driven event focused on solving real-world challenges in healthcare, biotechnology, and bioinformatics using Artificial Intelligence. The hackathon provided a platform for students to collaborate, innovate, and develop impactful AI-based biomedical solutions within a limited time.

The event aimed to promote:

Innovation in healthcare and biotechnology

Responsible and ethical AI practices

Interdisciplinary learning and collaboration

Practical problem-solving skills

Awareness of preventive and personalized healthcare.

A total of 26 teams registered from various reputed engineering and technology institutions across Tamil Nadu.

Out of these:

24 teams actively participated

2 teams forfeited their participation

Each team consisted of 2–4 members

Participants represented diverse technical backgrounds such as AI, biotechnology, data science, and computer science

The participating colleges included:

PSNA College of Engineering and Technology

Sri Ramakrishna Engineering College

Bannari Amman Institute of Technology

Kalasalingam Academy of Research and Education

Velammal College of Engineering and Technology

SNS College of Technology

KGISL Institute of Technology

Dr. N.G.P Institute of Technology

Knowledge Institute of Technology

And several other leading institutions

POSTER



WEBIMG



IMG1



IMG2



Event No	BM/2025/037
Status	Closed
Name	Paper Presentation
Date and Time	20-02-2026 09:30 AM to 01:00 PM
Mode	On Campus
Type	Presentation
Level	Dept. Level
Organized For	Students
Related SDG	4: Quality Education, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 1, Hour 2, Hour 3, Hour 4
Venue	S&H - 203
Students External Participants	100

Staffs Involved

No	Full Name	Role
1	BME27 - KANIMOZHI S	Coordinator
2	BME13 - GAYATHRI T	Convenor
3	BME28 - PINKI DEY	Convenor

Event Description

The Biomedical Engineering (BME) Department at KPRIET successfully organized a Paper Presentation Event to encourage students to showcase their research ideas and technical knowledge.

POSTER



IMG1



Event No	BM/2025/038
Status	Closed
Name	Medical Conclave 2.0
Date and Time	27-02-2026 10:00 AM to 12:30 PM
Mode	On Campus
Type	Expert Discussion
Level	Dept. Level
Organized For	Students
Related SDG	17: Partnerships to achieve the Goal, 4: Quality Education, 5: Gender Equality, 8: Decent Work and Economic Growth, 9: Industry, Innovation and Infrastructure
Department	BM
Involved Subject Hours	Hour 2, Hour 3, Hour 4
Venue	Ragam Hall, KPRIET
Industry Participants	4
Faculty Internal Participants	20
Students Internal Participants	200

Staffs Involved

No	Full Name	Role
1	BME29 - KRISHNA KUMAR R	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Guest of Honour	Mr. Elango Devy	Director	elango@diabetikfootcare.com	Diabetik Foot Care India Pvt Ltd., Chennai
2	Guest of Honour	Mr. Kumar Rajamani	Associate Director	kumartr@gmail.com	Cropin Technologies, Bangaluru
3	Guest of Honour	Mr. Sunil M K	Lead Engineer	sunil.mk@siemens-healthineers.com	Siemens Healthineers, Bangalore
4	Guest of Honour	Ms. Remya	Business Associate & Radiation Professional	remya.c.remesh@gmail.com	Biomedical Techniques, Thrissur

Event Description

Events

KPR Institute of Engineering and Technology

The Department of Biomedical Engineering is conducting Medical Conclave 2.0 on 27.02.2026 from 10.00am to 12.30pm at Ragam Hall, KPRIET with five Guests from five leading Industries in South India. The objective of this Conclave is to enhance technical knowledge, obtain insights from domain experts about current and future trends in Biomedical Engineering and to promote career opportunities for the students of Biomedical Engineering.

Actual Outcome and Report of the Event

Students gained technical knowledge on different domains of Biomedical Engineering

Session was completely interactive, which provides confidence among them to interact with any Industry person

Networking with the Industry person

Career opportunity initiative

The Conclave started at 10.30am with Tamil Thaaai vaazhthu and lightning of Kuthuvilakku. The Guests were welcomed to the stage and given a brief Introduction by the MOCs. The Panel discussion was then started, and the Moderators were asking the questions, which is collected from the students on the domain of expertise of the Guests. The Guests politely and with full enthusiasm answered all the questions and few questions were asked by the students themselves before the end of the session. The event was winded up with the presenting the token of gratitude by the Head of the Institution.

POSTER



WEBIMG



IMG1



IMG2



Event No	BM/2025/039
Status	Closed
Name	Project Presentation
Date and Time	21-02-2026 10:00 AM to 01:00 PM
Mode	On Campus
Type	Presentation
Level	Inter-College
Organized For	Students
Related SDG	9: Industry, Innovation and Infrastructure
Department	BM
Asso. Department	BMESI (BioMedical)
Involved Subject Hours	Hour 2, Hour 3, Hour 4
Venue	EEE Drawing Hall
Students External Participants	200

Staffs Involved

No	Full Name	Role
1	BME30 - MONISHA R	Coordinator
2	BME07 - SREELATHA P	Convenor

Event No	BM/2025/040
Status	Closed
Name	Deep learning approach for complex systems
Date and Time	18-03-2026 01:45 PM to 03:00 PM
Mode	Online
Type	Expert Talk
Level	Dept. Level
Organized For	Students
Related SDG	3: Good Health and Well-being, 4: Quality Education, 9: Industry, Innovation and Infrastructure
Department	BM
Asso. Department	CIIED
Involved Subject Hours	Hour 5, Hour 6
Venue	BME Department
Faculty Internal Participants	3
Students Internal Participants	60

Staffs Involved

No	Full Name	Role
1	BME07 - SREELATHA P	Convenor
2	BME29 - KRISHNA KUMAR R	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Mr Kumar Rajamani	Associate Director		Cropin Technologies

Event Description

This webinar explores how deep learning enhances classical signals and systems analysis. Participants will learn to model, simulate, and interpret complex dynamic behaviors using AI. Join us to discover how modern neural approaches bridge theory with real-world engineering applications.

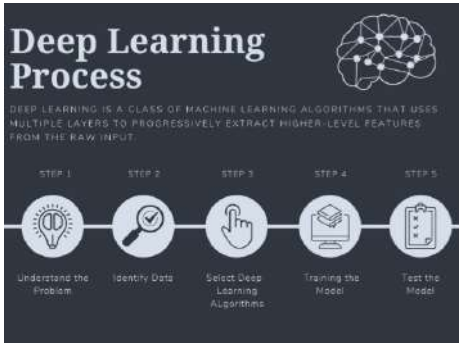
Actual Outcome and Report of the Event

his session explores how deep learning is transforming the landscape of medical imaging, enabling clinicians and researchers to tackle challenges that were once considered insurmountable. With the exponential growth of imaging data and the increasing complexity of diagnostic tasks, traditional approaches often fall short. Deep learning offers scalable, adaptive solutions that can enhance accuracy, efficiency, and clinical decision-making.

POSTER



WEBIMG



IMG2



Event No	BM/2025/041
Status	Closed
Name	WristSense+: A Multi-Parametric AI Wearable for Early Health Risk Detection
Date and Time	18-03-2026 11:00 AM to 01:00 PM
Mode	On Campus
Type	Expert Talk
Level	Dept. Level
Organized For	Students
Related SDG	3: Good Health and Well-being, 4: Quality Education, 9: Industry, Innovation and Infrastructure
Department	BM
Asso. Department	CHY
Involved Subject Hours	Hour 3, Hour 4
Venue	Veena Hall
Faculty Internal Participants	9
Students Internal Participants	218

Staffs Involved

No	Full Name	Role
1	BME21 - RAJASINGAM N	Coordinator
2	SH130 - SARAVANABHAVAN M	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Dr. U. Snekhalatha	Professor and Head, Biomedical Engineering	snehalau@srmist.edu.in	SRM Institute of Science and Technology, Chennai

Event Description

Events

KPR Institute of Engineering and Technology

Department of Biomedical Engineering in association with Engineering Chemistry organises an Expert Talk on "WristSense+: A Multi-Parametric AI Wearable for Early Health Risk Detection"

Actual Outcome and Report of the Event

Understand how wearable systems provide continuous, real-time monitoring of vital signs.

Illustrate how edge computing enables low-latency decision-making in wearables.

Interpret how Artificial Intelligence and deep learning models analyze continuous biosignal data to identify abnormalities.

Infer the role of sensor fusion in capturing comprehensive health data.

POSTER



WEBIMG



IMG1



IMG2



*** End of Statement ***

