

## Department of Biomedical Instrumentation Engineering

### Events Organized by the Department

S.No	Events Organized	Title of the Event	No. of Inside & Outside Participants	Source of Funding Received	Outcome Of the Event	Start date/ Period of theEvent	Name of Chief Guest
1.	National Level Development Programme	Youth Entrepreneurship	35	Rajiv Gandhi National Institute of Youth Development & ICT Academy of Tamil Nadu	Gained essential life skills to resolve real world problems	24.08.2015 27.08.2015 & 31.08.2015	Mrs.R.Sudha President WOBEDA
2.	Workshop	Emerging Trends in Bio-signal and Image Processing	44	DBT	Knowledge gained on various bio-signal processing methodologies	28.01.2016 & 29.01.2016	Mr. Ved Vyas Mahanta Field Technical Consultant (Academics) National Instruments
3.	Workshop	Testing and Calibration of Biomedical Equipment	41	UGC	Knowledge gained on calibration of biomedical equipment	20.01.2016 & 21.01.2016	Mr.Purushothaman, General Manager Helix Corporation Bangalore
4.	Workshop	Embedded System Design on Real Time Applications	65	UGC	Knowledge gained on real time applications of various microcontrollers	07.01.2016 & 08.01.2016	Mr.Uma Shankar Mr.Gokul Mr.Karthikeyan Project Engineers, Pantech Proed Pvt Ltd
5.	Screening Camp	Dental & Eye	124	BMIE	Gained medical advice on maintaining healthy tooth and eye	22.01.2016	Dr.Vidhya Priya Vasan Eye and Dental Care, Coimbatore
6.	Workshop	First Aid	65	UGC	Knowledge gained on first aid to be applied for emergency situations	08.02.2016 & 09.02.2016	Mr. Noel Jeyaraj Trainer, St. John Ambulance, Coimbatore
7.	Workshop	Computer Aided Diagnosis for Retinal Diseases	49	DBT	Gained knowledge about various algorithms used in the diagnosis of retinal diseases	03.03.2016 & 04.03.2016	Dr.V.R. Saravanan Consultant, Vitreoretinal Surgeon, Aravind Eye Hospital, Coimbatore
8.	Workshop	MATLAB & Its Applications in Engineering	41	Core EL Technologies & BMIE	Knowledge gained on the applications of MATLAB in Biomedical Engineering	07.03.2016	Mr.M.Chandrashekar Ghale Application Engineer, CoreEL Technologies Pvt. Ltd., Bangalore

9.	Workshop	Advanced Biomedical Technology	65	Harvey Biomedicals, Bangalore	Gained knowledge on the advanced technologies in Biomedical	17.03.2016 & 18.03.2016	Mr. M. Ayyappadas Founder and Technical Director, R&D Expert in Critical Care Devices
10.	Symposium	SYNAPSE'16	87	DBT	Gained expert knowledge, networking with others and innovative ideas	06.04.2016	Mr.Purushothaman General Manager Helix Corporation Bangalore
11.	Hands-on Training	LabVIEW core 1 and 2	41	BMIE	Gained knowledge on data acquisition and processing of bio signals using LabVIEW	25.07.2016 to 30.07.2016	Dr. R.Vanithamani Associate Professor, Department of BMIE, Faculty of Engineering, Avinashilingam University
12.	Seminar	Technologies for Diabetes Care and Management	35	ICMR	Knowledge gained on diabetes care	08.09.2016 & 09.09.2016	Dr. Sangeetha K.G. Hospital, Coimbatore
13.	Workshop	PCB Design and Circuit Simulation	35	BMIE	Knowledge gained on PCB design and circuit simulation	03.10.2016 & 04.10.2016	Mr.Venkatachalam Managing Director, Wizaard Systems, Coimbatore
14.	Workshop	Arduino and Internet of Things using Raspberry Pi	44	BMIE	Gained knowledge on applications of Raspberry Pi	15.12.2016 & 16.12.2016	Mr.J.Gokul Kumar Head- Training and Placements, Pantech ProEd Pvt. Ltd, Chennai-119
15.	Workshop	Ultrasound Scanner and Color Doppler	44	BMIE	Knowledge gained on scanning techniques using Ultrasound	17.03.2017 & 18.03.2017	Mr.Ramarajan Business Development Manager, Ultraserve Systems Ltd, Chennai
16.	National Conference	Recent Innovations in Health Care Technologies	93	UGC	Gained knowledge on recent innovations in health care through paper presentations	10.04.2017	Dr. Daniel Thangadurai HoD-Nanoscience and Technology, Sri Ramakrishna Engineering College Coimbatore
17.	National Seminar	Innovations in Biomedical Devices	128	BMIE	Knowledge gained on recent trends in Biomedical devices	12.07.2017	Dr Upendra Kumar Singh Director, Defence Bio-Engineering and Electro-medical Laboratory (DEBEL), Bengaluru

18.	Hands-on Workshop	Fundamentals of Electronics and PCB Design	41	BMIE	Knowledge gained on PCB Design	16.08.2018 & 20.08.2018	Mr.S.Sundaramoorthy Managing Director, Sunshiv Electronic Solution. Coimbatore
19.	Workshop	IoT for Health Care	69	BMIE	Knowledge gained on Internet of things	07.08.2018 & 08.08.2018	Mr. G. Baba Shaheer Skill Hub Infotech, Delhi
20.	Workshop	Image Processing using Python and Open CV	44	BMIE	Knowledge gained on using Python and Open CV for Image Processing	19.09.2018	Mr. G. Guru Prasadh CEO & Founder of Medsby Health care and Engineering Solutions, Coimbatore
21.	Workshop	Advanced Training in Biomedical Technology ATBT 2019	49	BMIE	Knowledge gained on innovative technologies in biomedical	15.02.2019 to 16.02.2019	Mr.V.Pragadeeshwaran R&D Head & Founder, Aries Biomed Technology, Coimbatore
22.	Workshop	Embedded System Using Arduino Uno	40	BMIE	Knowledge gained on Arduino	12.03.2019 & 13.03.2019	Ms.K.Prithiya CEO & Managing director, Galwin Technology, Coimbatore.
23.	Workshop	Microcontroller in Real Time Applications	49	BMIE	Knowledge gained on real time embedded applications	01.08.2019 & 02.08.2019	Ms.Prithiya, CEO & Managing Director, Galwin Technologies, Coimbatore
24.	Hands-on Training	LabVIEW Core 1 & Core 2	50	BMIE	Knowledge gained on graphical programming	05.08.2019 to 08.08.2019	Mr.V.Jejeesh Kumar VI Solution, Bangalore
25.	Workshop	Embedded Computing for IoT Systems	55	DST CURIE-AI Sponsored	Knowledge gained on Internet of Things	09.10.2019 to 11.10.2019	Mr.A.S.Varun Gaikwad, Regional Technical Manager, Mr.Mohammed Asif Embedded Design Training consultant, Nanochip Solutions Pvt. Ltd., Bangalore
26.	Workshop	NI Robotics	50	DST CURIE-AI Sponsored	Knowledge gained on Robotics	01.11.2019	Mr.T.R. Balaji Application Engineer, Optithought Chennai

27.	Workshop	Artificial Intelligence and Machine Learning using MATLAB,	31	DST CURIE-AI Sponsored	Knowledge gained on Artificial Intelligence and machine learning algorithms	17.12.2019 to 19.12.2019	Mr. D.Rajkumar Engineer, Technical Support-Math Works, Design Tech Systems Ltd, Chennai. Mr. Amith Kamath Education Customer Success Engineer, MathWorks, Bangalore. Dr. D.Saraswathi Associate Professor, Department of ECE, ManakulaVinayagar Institute of Technology, Puducherry
28.	Workshop	Robotics using LabVIEW	35	DST CURIE-AI Sponsored	Knowledge gained on robotics	28.01.2020 to 29.01.2020	Mr.T.R. Balaji Application Engineer, Optithought Chennai
29.	Hands-on Training	3D Printing	40	BMIE	Knowledge gained	05.03.2020 & 06.03.2020	Mr.S.Srinivasa Moorthy Design Engineer, Automation, Lakshmi Machine Works Ltd, Coimbatore Mr.Anand Kumar CAD Centre, Coimbatore
30.	Webinar	Webinar-Emerging Technologies and Integration with NI Platform	133	BMIE	Knowledge gained	04.09.2020	Dr.R.Vanithamani Department of BMIE, School of Engineering, AIHSE
31.	Webinar	Webinar - Real Time Applications using LabVIEW	129	BMIE	Knowledge gained	17.03.2021	Dr. R.Vanithamani Department of BMIE, School of Engineering, AIHSE