

DEPARTMENT OF BIMEDICAL ENGINEERING

FACULTY PARTICIPATION-2023

Year	Name of the Faculty Member	Event Type	Title of the event	Name of the conducting Organization	Date
2023	Dr.R.Raja Sudharsan	Worsshop	Effective use of Virtual labs	Amirtha Vishwa Vidyapeetham	06.10.2023
2023	Dr.R.Raja Sudharsan	FDP	Radiological Equipment	Kings Engineering College	24.07.2023 to 29.07.2023
2023	Dr.R.Raja Sudharsan	FDP	Generative AI and Cyber Security	Reva University	24.07.2023 to 28.07.2023
2023	Dr.R.Raja Sudharsan	Webinar	The Art of Writing Research articles in High Impact Scopus/SCIE Journals	MLR Institute of Technology	09.06.2023
2023	Dr.R.Raja Sudharsan	Webinar	Scientific Document Preparation using LaTeX	MLR Institute of Technology	13.05.2023
2023	Dr.R.Raja Sudharsan	FDP	Machine Learning in Big Data Applications and Security Challenges	MLR Institute of Technology	24.04.2023 to 29.04.2023
2023	Dr.R.Raja Sudharsan	Workshop	Emerging Trends, Challenges and opportunities in Wireless	SRM Institute of Science and Technology	23.02.2023 to 25.02.2023

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			Charging Vehicles		
2023	Mrs.P.Kavikiruthika	Webinar	Battery Management systems and Electric batteries	ISIEINDIA	04.09.2023
2023	Mrs.P.Kavikiruthika	Webinar	High voltage system in electric vehicle	ISIEINDIA	23.09.2023
2023	Mrs.P.Kavikiruthika	FDP	Introduction to Internet of Things	NPTEL-AICTE IIT Kharagpur	JULY-OCT 2023
2023	Mrs.P.Kavikiruthika	FDP	Internet of things	IBM	June – October 2023
2023	Mrs.P.Kavikiruthika	FDP	Cloud infrastructure	SNS college of Engineering, Coimbatore	21.08.2023 - 25.08.2023
2023	Mrs.P.Kavikiruthika	Workshop	Effective use of virtual labs	Amrita Vishwa Vidyapeetham	06.10.2023
2023	Mrs.S.Kanimozhi	FDP	Transmission Lines and RF Systems	MIT Campus, AU, Chennai	24.07.2023 - 29.07.2023
2023	Mrs.S.Kanimozhi	FDP	Internet of Inthings	IBM	June – October 2023
2023	Mr.G.Lingeswaran	FDP	Introduction Internet of Things	NPTEL-AICTE IIT Kharagpur	JULY-OCT 2023
2023	Mr.G.Lingeswaran	FDP	Transmission Lines and RF Systems	MIT Campus, AU, Chennai	24.07.2023 - 29.07.2023

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2023	Mr.G.Lingeswaran	FDP	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL-AICTE IIT Madras	Jan 2023-April2023
2023	Mr.G.Lingeswaran	FDP	Embedded System Design with ARM	NPTEL-AICTE IIT Kharagpur	July 2022-Sep 2022
2022	Mr.G.Lingeswaran	FDP	Recent Advancement in Smart Industry	GCT, Coimbatore	21.11.2022 - 25.11.2022
2023	Mr.G. Vijaykumar	Webinar	Biogradable polymers	Thiyagarajar College of Engineering	25.08.2023
2023	Mr.G. Vijaykumar	FDP	Entrepreneurship development for faculty in Energy conservation domains of engineering and technology using mobile application development.	Center for faculty and professional development, Anna university, Chennai	26.10.2023 - 08.11.2023
2023	Mr.G. Vijaykumar	FDP	AI based precision health technology	Bannari amman Institute of Technology	04.12.2023 - 09.12.2023
2023	Mr.G. Vijaykumar	FDP	AI FDP training	IBM	June – October 2023

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2023	Mr.G.Vijaykumar	FDP	IoT FDP Training	IBM	June – October 2023
2023	Mr.G.Vijaykumar	Workshop	Effective use of virtual labs	Amrita Vishwa Vidyapeetham.	06.10.2023
2023	Mr.P.Pradosh kumar	FDP	ATAL FDP on “Recent Advancement in Electric Vehicle Technologies and Energy Storage”	Noorul Islam College of Engineering, Kanyakumari	11-12-2023 to 16-12-2023
2023	Mr.P.Pradosh kumar	Workshop	“Recent Advances in Control and Instrumentation Design Techniques of Robotic Systems”	Department of Instrumentation and Control Engineering, National Institute of Technology, Tiruchirappalli	27.10.2023 to 31.10.2023
2023	Mr.P. Sudarsan	FDP	Transmission Lines and RF Systems	MIT Campus, AU, Chennai	24.07.2023 - 29.07.2023
2023	Mr.P. Sudarsan	FDP	Mentoring in Professional Readiness for Innovation, Employability and Entrepreneurship program on Emerging technology	IBM	June, 2023
2023	Mr.P. Sudarsan	Workshop	Analog and mixed signal VLSI design and prototyping	Erode Sengunthar Engineering College	19-06-2023 – 23-06-2023

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			using open sources EDA tools.		
2023	Dr.G.Petchinathan	FDP	Fundamentals of Cybersecurity: Tools and Techniques	Vellorte Institute of Technology, Chennai	11.12.2023 to 15.12.2023

Event Organized

Year	Event Type	Title of the Event	Coordinator Name	Date
2023	Workshop	Hands-on Experience in MATLAB	Dr.G.Petchinathan, Dr.R.raja Sudharsan, Mr.G.Lingeswaran	09.11.2023
2023	FDP	Faculty Development Program on "Four-Channel Data Acquisition System of Bioelectric Signals"	Dr.R.Raja Sudharsan, Mrs.P.Kavikiruthika	26.10.2024
2023	Workshop	Two Day National Level Workshop on "Virtual Reality(VR) Augmented Reality(AR) For Healthcare"	Dr.R.Raja Sudharsan, Mr.P.Sudarsan	17.10.2023 to 18.10.2023
2023	Department Function	Dept Association Inaguration	Mr.G.Vijaykumar, Mr.P.Pradosh Kumar	10.10.2023



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2023	Workshop	Hands-on Workshop on 3D Printing	Dr.R.raja Sudharsan, Mr.P.Pradosh Kumar	19.09.2023
2023	FDP	Faculty Interaction Program on "Project Based Learning"	Dr.R.Raja Sudharsan, Mr.P.Pradosh Kumar	15.09.2023
2023	FDP	Faculty Development Program on "Soft Computing"	Dr.G.Petchinathan, Mr.P.Pradosh Kumar	15.09.2023
2023	Guest Lecture	Guest Lecture on "Importance of IoT in Biomedical Engineering"	Mr.G.Lingeswaran, Mr.G.Vijaykumar	23.08.2023
2023	Seminar	Seminar on Non-Destructive Testing	Mr.P.Sudarsan, Mr.G.Lingeswaran	22.08.2023
2022	Workshop	PCB Design	Dr.R.Raja Sudharsan	23.11.2022



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NPTEL

Name of the Faculty Member	Month and Year	Name of the Course	Result (Successfully Completed Elite, Elite Silver, Gold)
Mrs.P.Kavikiruthika	October/2023	Introduction to internet of things	Elite Silver
Mr.G.Lingeswaran	October/2023	Introduction to internet of things	Elite Silver
Dr.R.Raja sudharsan	April/2023	Analog circuits	Successfully completed
Mrs.S.Kanimozhi	April/2023	Microprocessor and microcontroller	Successfully completed
Mr.G.Lingeswaran	April/2023	Introduction to Industry 4.0 and Industrial internet of things	Elite Silver
Mr.G.Lingeswaran	September/2022	Embedded system design with arm	Successfully Completed Elite

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Certification Course

Name of the Faculty Member	Year	Name of the Course	Course Organizer
Dr.R.Raja Sudharsan	2023	Nanotechnology and nanosensors	Coursera – TECHNION Isreal Institute of Technology
Dr.R.Raja Sudharsan	2023	Introduction to Health	Coursera – Stanford Online
Dr.R.Raja Sudharsan	2022	Clinical Kidney, Pancreas and islet Transplantation	Coursera - Universtiteit Leiden

MoUs Signed

Sl.No	Industry	Year
1	Bio Vision Medical Systems Pvt. Ltd	2024
2	Medingers Healthcare Systems Pvt. Ltd	2023
3	Atheenapandian Pvt.Ltd	2023