

SERB sponsored Two Day Online Faculty Development Programme  
On  
**Recent Trends in Bio-signal Acquisition and Research Perspectives in  
Signal Analysis**  
**Resource Persons**

<b>Speakers</b>	<b>Areas of Interest</b>
<p><b>Dr. S. Ramakrishnan</b> Professor Department of Applied Mechanics, IIT Madras</p>	Biomedical instrumentation and measurements, biomedical image and signal processing, enhancing diagnostic relevance of medical equipment, and regulatory sciences.
<p><b>Dr. P.A. Karthick</b> Assistant Professor Department of Instrumentation and Control Engineering, National Institute of Technology Trichy</p>	Bio signal and Image Processing, Clinical neuroscience, neurological and neuromuscular disorders, Human machine interface-brain computer interface and myoelectric control, Pattern recognition and Big Data.
<p><b>Dr. Madhu Mohan N.</b> Assistant Professor Department of Electronics and Communication Engg Amrita Viswa Vidyapeetham Coimbatore</p>	Analog Circuits, Biomedical Instrumentation, Instrumentation, Virtual Instrumentation
<p><b>Dr. Vijayan K. Asari</b> Professor, Ohio Research Scholars Endowed Chair in Wide Area Surveillance and Director, Vision Lab University of Dayton, USA</p>	Brain activity analysis, wide area surveillance, image processing, computer vision, pattern recognition, machine learning, deep learning and high-performance digital system architecture design.
<p><b>Dr. Navaneethakrishna M.</b> Senior Project Officer, Centre of Excellence in Medical Device Regulations and Standards, IIT Madras</p>	Biomedical signal processing, biomedical instrumentation and measurements, biomechanics, and machine learning.
<p><b>Dr. K. Baskaran</b> Biomedical Engineer and South Regional Head, GENTECH Marketing and Distribution Pvt. Ltd.</p>	HRV, Bio signal Acquisition and Analysis
<p><b>Dr. P. A. Sridhar</b> Research Assistant Professor SRM Institute of Science and Technology, Chennai</p>	Physiological Signal analysis and modelling, Neuromuscular signal processing and analysis, muscle fatigue, Biomedical instrumentation, Gait Analysis, Multi-spectral analysis.
<p><b>Dr. G. Kavitha</b> Associate Professor Madras Institute of Technology, Anna University Chennai</p>	Biomedical Image Processing, Computer aided diagnosis of disorders.