





# Signal Processing for Medical and Agriculture Applications

July 10 -15, 2023

### 2023 IEEE SPS Seasonal School

## 2023 IEEE SPS Seasonal School on Signal Processing for Medical and Agriculture Applications (Hybrid Mode) July 10 -15, 2023

Symbiosis Institute of Technology, Symbiosis International (Deemed University)

#### **Program and Technical Sessions**

Program and Technical Sessions					
	10/07/2023 (Monday)	11/07/2023 (Tuesday)	12/07/2023 (Wednesday)		
10.00 Am - 11.30 Am	Inauguration	Session by Dr Anubha Gupta, Professor, IIIT Delhi, India	Session by Dr S Rakesh Kumar, Technical Manager Robotics Engineering Research and Development Services, ERS HCL Technologies Pvt Ltd		
Break					
11.40 Am - 01.10 Pm	Keynote Address by Prof. K V S Hari, Professor, Indian Institute of Science, Bengaluru	Session by Dr Monika Aggarwal, Professor, IIT Delhi, India	AR/VR Healthcare Demo Sessions by Tech Mahindra Ms Kanchan Bhonde Product Strategy Head, Tech Mahindra		
Break					
02.00 Pm - 03.30 Pm	Session by Dr Danilo P. Mandic IEEE Distinguished Lecturer Professor, Imperial College London, UK	Session by Dr Celia Shahnaz, Professor, Professor, Department of EEE, Bangladesh University of Engineering and Technology, Bangladesh	Session by Dr Pallavi Sachin Chaudhari Symbiosis Medical College for Women, Pune		
Break					
03.40 Pm - 04.30 Pm	Visit to the Symbiosis Centre for Medical Image Analysis (SCMIA) Dr. Bhushan Borotikar (Head,SCMIA)	Visit to the Symbiosis International University Research Centre (Symbiosis Centre for Applied AI (SCAAI)  Dr Rahee Walambe (Associate Faculty, SCAAI)	Session by Dr Ketan Kotecha, Director and Professor, Dept. of AIML, Symbiosis Institute of Technology, Pune		







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	13/07/2023 (Thursday)	14/07/2023 (Friday)	15/07/2023 (Saturday)		
10.00 Am - 11.30 Am	Session by Dr RajaniKanth Aluvala, Professor, Dept. of IT, Chaitanya Bharathi Institute of Technology, Hyderabad	Session by Dr Lalitha Vadlamani, Associate Professor, International Institute of Information Technology, Gachibowli, Hyderabad	Session by Dr B Satyanarayana, Scientist, Tata Institute of Fundamental Research, Mumbai		
Break					
11.40 Am - 01.10 Pm	Session by Dr Kantipudi MVV Prasad, Chair SPS, IEEE Bombay Session IEEE SPS Chapter Member benefits	Session by Dr Santosh V. Chapaneri, Senior Machine Learning Engineer, Wolters Kluwer, Mumbai	Session by Prof. Chirag N. Paunwala, Professor, SCET, India		
Break					
02.00 Pm - 03.30 Pm	Session by Dr Ketki C. Pathak, SCET, India	Hands-on Session By Dr Santosh V. Chapaneri, Senior Machine Learning Engineer, Wolters Kluwer, Mumbai	Summative Assessment of Participants by IEEE Bombay Section Officials Feedback by Participants		
Break					
03.40 Pm - 04.30 Pm	Mid-Term Assessment of Participants by Expert Committee	Session By Mr Jayash Jagtap, Technology Lead, Syngenta India Pvt. Ltd.	Valedictory Speech by Prof. Yashwant Gupta, (Center Director, NCRA/TIFR, Pune), Tata Institute of Fundamental Research Announcement of Best Performers		