

27 марта 2026 – March 27, 2026

Секционные заседания (Sections)

14:00–17:00 (Moscow Time)

13:45–14:00 Установочное время (Preparation)

Секция **En.** **Англоязычные доклады (онлайн***, 27 марта 14:00–17:00)

Section **En.** **English-speaking section (on-line***, March 27, 14:00–17:00 MOSCOW TIME)

Professor Vikram Gadre

Assistant Professor Koushlendra Singh

Assistant Professor Sergey Vityazev

1	SMART HEALTHCARE REAL-TIME RISK PREDICTION FOR DIABETES <i>Associate Professor Dr.R.BHAVANI, K.Karthik, G.Hrushik</i> <i>Vel Tech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology, Avadi Chennai, India</i>	India
2	3D-MRI-S7: A Novel Sequential Brain MRI Dataset and Spatio-Temporal Deep Learning for Abnormality Analysis <i>Yasser Nizamli, Yulia Shichkina, Weaam Fadel, Oulfat Jolaha, Anton Filatov, Nahida Karaja</i> <i>Saint Petersburg Electrotechnical University, Saint Petersburg</i> <i>Latakia University, Latakia, Syria</i>	Санкт-Петербург Латакия, Сирия
3	Camera MIPI Interface and effect of Cable length <i>Nene Amit Arvind, Amrita Agashe, Anil Agashe</i> <i>San Francisco, California</i> <i>WCE, Sangli, India</i>	USA India
4	Estimation of Nitrogen Pool for Terrestrial Ecosystem using Extended Kalman Filter <i>Priyanka Sharma, A. Bhuvana Chandra, Rabindra Kumar Nayak, Pyari Mohan Pradhan</i> <i>ECE Department IIT Roorkee, Roorkee, India</i>	India

	<i>ECSCA NRSC, ISRO, Hyderabad, India</i>	
5	<p>Adaptive UAV-Assisted Signal Acquisition and Low-Latency Processing Framework for Distributed Measurement Systems</p> <p><i>Irem Bayraktar, Murat Bakirci</i></p> <p><i>Turkish Air Force Academy National Defense University, Istanbul, Turkey</i></p> <p><i>Tarsus University, Mersin, Turkey</i></p>	Turkey
6	<p>State-of-Charge Estimation of Lithium-Ion Batteries Using a Hellinger Distance-based Kalman Filter</p> <p><i>Arpit Omar, Pyari Mohan Pradhan</i></p> <p><i>Indian Institute of Technology Roorkee, Roorkee, India</i></p>	India
7	<p>Hybrid Deep Learning and Digital Signal Processing Architecture for Robust UAV Image Analysis</p> <p><i>Murat Bakirci, Irem Bayraktar</i></p> <p><i>Tarsus University, Mersin, Turkey</i></p> <p><i>Turkish Air Force Academy National Defense University, Istanbul, Turkey</i></p>	Turkey
8	<p>AI/ML Enabled Gluing using Cobots</p> <p><i>Bharathi S. H. Professor and HOD, R&A, Akshay Ajit Bhawar, Joshua John</i></p> <p><i>REVA University, Bengaluru, India</i></p>	India
9	<p>Edge-Based Traffic Congestion Management Using YOLOv8 and Adaptive Signal Control</p> <p><i>Amsa M Assistant Professor, Dharsan K, Gurutharan C, Rithish R M, Sasidharan P</i></p> <p><i>M. Kumarasamy College of Engineering, Karur, Tamil Nadu, India</i></p>	India

10	<p>Speech Emotion Recognition with Limited Data: A Layer-Wise Analysis on a New Low-Resource Multilingual Corpus</p> <p><i>Kseniia Kholodkovskaia, Cengiz Tepe</i></p> <p><i>Ondokuz Mayıs University, Samsun, Türkiye</i></p>	Turkey
11	<p>Automated Identification of Agricultural Pests Using CNN and Android Integration</p> <p><i>N. Noor Alleema Associate Professor, S. Sai Abhiram, M. Satya, S. Jagadeesh Associate Professor</i></p> <p><i>Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, India</i></p>	India
12	<p>UnderWater Image Enhancement For Marine Life Monitoring</p> <p><i>Dr M S S Sasi Kumar Assistant Professor (Senior Grade), P L V S Praveen Undergraduate Student, K Mukesh Chowdary Undergraduate Student</i></p> <p><i>Vel Tech Rangarajan Dr.Sagunthala R&D Institue of Science and Technology, Chennai, India</i></p>	India
13	<p>Enhanced Liver Tumor Segmentation and Feature Extraction Using Gaussian Filtering and LICA on CT Images</p> <p><i>D. Anandkumar, M. Vallikkannu, S. John Justin Thangaraj Professor, C. Alamelu</i></p> <p><i>Saveetha Institute of Medical and Technical Sciences, Chennai, India</i></p> <p><i>Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, India</i></p> <p><i>Amrita School of Computing, Amrita Vishwa Vidyapeetham, Chennai, India</i></p>	India
14	<p>SMART DEEP LEARNING SYSTEM FOR REAL-TIME DRIVER DROWSINESS AND YAWN DETECTION TO ENHANCE ROAD SAFETY</p> <p><i>C.Viswanathan Professor, Gaddam Suba Swapna, Pallikonda Evangelist</i></p> <p><i>Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and</i></p>	India

	<i>Technology, Chennai, India</i>	
15	<p><i>Annotation-Guided Weighted Multiple Instance Learning for FCD-II Detection and Localization in Brain MRI</i></p> <p><i>Keshav Trivedi, Shabnam Firdaus, Himanshu Kumar Pathak, Unnati Chaurasia, Koushalendra Kumar Singh, Danish Ali Khan¹, Sergey Vityazev</i></p> <p><i>National Institute of Technology Jamshedpur, India</i></p> <p><i>Ryazan State Radio Engineering University, Russian Federation</i></p>	<p>India</p> <p>Russia</p>
16	<p><i>Spectral-Separable Self-Attention for Efficient EEG Motor Imagery Classification</i></p> <p><i>Shivapreetham H S, Hemanvitha Pallela, Himanshu Kumar Pathak, Unnati Chaurasia, Koushlendra Kumar Singh, Sergey Vityazev</i></p> <p><i>National Institute of Technology, Jamshedpur, India</i></p> <p><i>Ryazan State Radio Engineering University, Ryazan, Russia</i></p>	<p>India</p> <p>Russia</p>
17	<p><i>Unscented Kalman Filter based Approach for Carbon Pool Estimation in Terrestrial Ecosystem</i></p> <p><i>Priyanka Sharma, A. Bhuvana Chandra, Rabindra Kumar Nayak, Pyari Mohan Pradhan</i></p> <p><i>IIT Roorkee, Roorkee, India</i></p> <p><i>ECSSA NRSC, ISRO, Hyderabad, India</i></p>	<p>India</p>