

**International Conference on
Smart Technologies for Energy, Sustainability & Industry (STESI)
July 22-23, 2026**

Department of Electrical Engineering, Manipal University Jaipur

Special Session ID	SS-05
Title	Emerging Trends in Industry 5.0: Intelligent Automation, Power Electronics, AI, Image/Sig Processing, and Sustainable Technologies.
Tentative Topics	<ol style="list-style-type: none"> 1. Intelligent Automation and Smart Manufacturing Systems 2. Advanced Power Electronics and Electric Mobility Technologies 3. Signal Processing Techniques for Smart Energy and Industrial Systems 4. Artificial Intelligence, Machine Learning, and Big Data Analytics 5. IoT, Embedded Systems, and Secure Cyber-Physical Architectures 6. Sustainable Technologies, Advanced Materials, and Green Manufacturing
Special Session Organisers	
	Dr. Nishant Kumar Assistant Professor B K Birla Institute of Engineering & Technology Pilani, Rajasthan, India. Email: knishant125@gmail.com
	Dr. Saibal Manna Assistant Professor ABES Engineering College, Ghaziabad, UP, India Email: mannasaibal1994@gmail.com ; saibal.manna@abes.ac.in
	Dr. Bhupender Sharma Associate Professor ABES Engineering College, Ghaziabad, UP, India Email: bhupender638@gmail.com ; bhupender.sharma@abes.ac.in
	Dr. Prashant Singh Senior Scientist VTT Technical Research Centre of Finland, Helsinki, Finland Email: prashant.singh@vtt.fi