

Emerging trends in Engineering

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Aim& Scope:

This special session aims to bring together researchers, practitioners from academia and industry to focus on recent developments, systems and techniques in the broad field of computing, electrical, instrumentation and communication Engineering. The focus of session will be on the areas of global and growing importance, such as renewable energy, power systems, mobile communications, security and the Internet of Things (IoT), smart grids, photovoltaic systems, wireless power transfer, signal processing, 4G and 5G technologies, IoT applications, mobile cloud computing and many more.

Topics of Interest:

- Bio Informatics
- Biomedical Instrumentation
- Digital signal and image processing
- Embedded Systems and Robotics
- Information systems and network security
- Optimization techniques
- Remote sensing and satellite communication
- Soft computing / Nano computing/ Grid computing
- System Modeling & Simulation
- VLSI technology & Design

Brief Biography:

Dr. Shaifali M. Arora is working as Associate Professor in ECE department at Maharaja Surajmal Institute of Technology, Janakpuri, New Delhi. She has done her Ph.D. from Guru Gobind Singh Inderparastha University, New Delhi, her M.Tech from GNDEC, Ludhiana and her B. Tech from G. N. D. U. Amritsar. She has more than 15 years of teaching experience. . She has published various research papers in reputed international journals and conferences. Her areas of interest include Digital signal and image processing, Image and Video compression, Artificial Intelligence and Deep Learning, Embedded Systems and Robotics.

