

BIO

Prof. Satendra Pal Singh (Chief Guest)

Prof. Satendra Pal Singh is currently a professor in the department of Physics and Dean Faculty of Engineering and Technology at University of Lucknow, Lucknow. He is also holding several administrative positions at University of Lucknow, such as Chairmen Placement Cell at Second Campus, Coordinator Computer Distribution Cell, Member of IQAC tea and Ranking Cell, etc. He received his M.Sc. Physics Degree from the University of Allahabad, M. Tech. and Ph.D. degree in Materials Science and Technology from IIT BHU, Varanasi. Thereafter, he moved to South Korea worked and worked as a research professor at Sejong University, Seoul, South Korea for nearly 12 years. His research interest is in the field of materials science that includes phosphors, multiferroic, dielectric, piezoelectric and battery (cathode and anode) materials, nanoscience & nanotechnology. He specialized in the field of crystal structural solutions of materials using powder diffraction techniques such as x-ray, synchrotron and neutron diffraction to establish structure-property correlation.

Majority of his work is dedicated to the discovery of novel materials using combinatorial chemistry approach for energies saving materials such as phosphor for solid state lighting (WLED), and display devices. He also works on development of cathode and anode materials for energy storage (battery) devices. He has published more than 70 research articles in international journal of very high repute such as, *Nature communications*, *Advanced Energy Materials*, *Journal of the American Chemical Society*, *Chemistry of Materials* and *Physical Review B* and *Scientific Reports*, etc. with h-index of 33 and more than 3300 citations along with editor of a book and several international patents to his credit.

Prof. V.K. Singh (Guest of Honor)

It is a matter of great honor and privilege for me to introduce Prof. V.K. Singh, former professor and hod of electronics and communication engg, IET Lucknow. Sir has served as VC of IIMT university Meerut and maharaja ganga singh university Bikaner. Sir is a highly respected and renowned figure in the field of analog electronics. Sir has authored several books in his field. He is reviewer of various reputed journals.

Prof. Subodh Wairya (Guest of Honor)

Dr. Subodh Wairya is Professor and Head of the Department of Electronics and Communication Engineering at the Institute of Engineering & Technology (IET), Lucknow. He earned his Ph.D. from Motilal Nehru National Institute of Technology Allahabad, M.E. (Telecommunication) from Jadavpur University, and B.Tech. from Harcourt Butler Technical Institute. With nearly 30 years of academic experience, including over 13 years as Professor, he has held key administrative roles such as Head of Department (two terms), Dean Student Welfare, Chief Warden, and Deputy Dean Academic, and has been a member of several statutory bodies including the Board of Studies and Academic Council.

He has over 150 publications in reputed international journals and conferences, has supervised 9 Ph.D. scholars (with 5 ongoing) and 44 M.Tech dissertations, and authored 3 books in electronics engineering. He also served as Scientist 'B' at Defence Research and Development Organisation and as Graduate Engineer at Hindustan Aeronautics Limited (1994–1996).

Dr. Wairya is a life member of Institution of Engineers India, Institution of Electronics and Telecommunication Engineers, and Indian Society for Technical Education. He has also served as Dean, Undergraduate Studies and Entrepreneurship, and Convener of the Virtual Lab Cell at Dr. A.P.J. Abdul Kalam Technical University. His research interests include high-speed networks, image processing, VLSI circuits, analog system design, and nano memories.

Dr. Arun Kumar Singh (Keynote Speaker)

Dr. Arun Kumar Singh obtained his B.E in Electronics and instrumentation Engineering from BIET Jhansi in year 1997, M.Tech. in Digital Electronics and Systems, and Ph.D. in the area of distributed system (Adhoc networks) from Uttar Pradesh Technical University, Lucknow.

Presently he is Dean (Academics), Dean (Innovation, Incubation and Research) and Head of Electronics Engineering Department at Rajkiya Engineering College, Kannauj, U.P and having more than 27 years of experience.

Dr Singh is a Fellow member of IE (I), IETE, Senior member of IEEE & life member of ISTE. He is chairman of IETE Lucknow Centre. He wrote several books on digital electronics and microcontrollers and got CMI Level 5 Award in Management and Leadership from UK. He contributed research papers in several national and international conferences/journals and also delivered many lectures/key note address; 2rganized several FDP and workshop/training program for students and teachers. As a Technologist/Engineer, his interests are: Application of Technology driven Education Paradigm, Wireless Communication, Control System and System Modelling.

Dr. RCS Chauhan (Technical Speaker 1)

Dr. Ram Chandra Singh Chauhan is an Associate Professor in the Electronics & Communication Engineering Department at Institute of Engineering and Technology Lucknow. He earned his Ph.D. in ECE from AKTU with research focused on coding theory and optical communication systems, along with an M.Tech from Motilal Nehru National Institute of Technology Allahabad. His academic and professional career spans roles at institutions like HBTI Kanpur and PSIT Kanpur, reflecting strong teaching and administrative experience.

Dr. Chauhan's research interests include coding theory, optical networking, DSP, OFDM, and image processing. He is a Senior Member of Institute of Electrical and Electronics Engineers and IETE, and has published several papers in national and international journals.

He is currently serving as the IEEE Branch Counsellor at the IEEE Student Branch, IET Lucknow, actively mentoring students and promoting technical engagement.

Dr. Kadim Moin Siddiqui (Technical Speaker 2)

Dr. Khadim Moin Siddiqui (Senior Member, IEEE) is an Associate Professor in Electrical & Electronics Engineering at SR Institute of Management & Technology, Lucknow, with over 15 years of academic and research experience. He earned his Ph.D. from the Institute of Engineering & Technology, Lucknow, affiliated with Dr. A.P.J. Abdul Kalam Technical University (2017).

He has published 80+ research papers, holds four patents (three granted), and has authored four research books, with two translated into multiple international languages. His research interests include condition monitoring of electrical machines, signal processing, and power converters & drives. He has over 715 citations, with an h-index of 13 and i10-index of 16.

An active IEEE contributor, he serves as Student Branch Counselor and Chapter Advisor for multiple IEEE societies. He is a recipient of the Young Professional Star Award (2021) and Outstanding PES Chapter Advisor Award (2022). He has also completed two IEEE Region 10 projects, received Best Research Paper Awards four times, and actively contributes as an editor, reviewer, and organizer of professional events.

Er. Shahneela Jamal Kidwai (Technical Speaker 3)

Ms Shahneela Jamal Kidwai is a faculty member in the Department of Electronics at IET Lucknow and pursuing Ph.D. in the area of Microelectronics at Aligarh Muslim University, Aligarh. She holds a B.Tech in Electronics and Communication Engineering and an M.Tech in Microelectronics. reflecting a strong academic foundation in advanced electronics and semiconductor technologies.

Her research focuses on soft error-tolerant memory systems, energy-efficient SRAM designs and

beyond CMOS devices. Beyond academics, she remains actively involved in initiatives promoting women's empowerment.

An enthusiastic educator and mentor, Ms. Shahneela is known for her student-centric approach and active involvement in academic development activities. Beyond academics, she has consistently contributed to initiatives focused on women's empowerment, leadership development, and inclusive growth.

Er. Jaspreet Kaur (Technical Speaker4)

Jaspreet Srivastava is a Research Scholar in the Department of Electronics and Communication Engineering at the Institute of Engineering and Technology (IET), Lucknow, with over eight years of academic experience. She has previously served at institutions including Quantum University, Roorkee, and was the IEEE Student Branch Counselor (2018–2020), promoting technical activities and student mentorship under IEEE.

Her research focuses on Cognitive Radio Networks, IoT, and Wireless Communication, particularly energy-efficient systems. She has published in SCIE-indexed journals, co-authored a book on wireless communications, and mentored several B.Tech and M.Tech students.