

Brief Biography of the Candidate

Teena Gakhar, received her B. Tech in Electronics and Communication in 2014 from Maharshi Dayanand University, Rohtak. She completed M. Tech. degree in Electronics and Communication from USICT, Guru Gobind Singh Indraprastha University, Dwarka, New Delhi in 2017. She has been awarded CSIR – SRF. She is presently doing her Ph.D. from Birla Institute of Technology and Science, Pilani, India.

She has also attended six conferences and presented her research work. She was awarded for the best oral paper presentation in ANA 2018 Conference at MNIT Prayagraj. She has published four research papers and three more have been communicated for publication.

Her current area of research is fabrication of Nanocarbon-TiO₂ composite sensors for volatile organic compounds detection.

Brief Biography of the Supervisor

Arnab Hazra received his M.Tech. and Ph.D. from the Indian Institute of Engineering Science and Technology (IEST), Shibpur, India, in 2011 and 2015, respectively. Presently, he is an Assistant Professor in the Department of Electrical and Electronics Engineering, Birla Institute of Technology and Science (BITS), Pilani, Rajasthan, India. He worked as a visiting scientist at Tel Aviv University, Israel and Sensor Laboratory, University of Brescia, Italy in 2018. His current research interest includes nanoscale materials-based devices for gas sensing and memristive applications and 2D materials-based field-effect devices. He has published about seventy research articles in the journals and conferences of international repute, two book chapters, and received two Indian patents. He received the best Ph.D. thesis award from Indian National Academy of Engineering (INAE) and ISSS, India, in 2015 and 2016, respectively. He also received IEI young engineer award from the Institute of Engineers, India, in 2016.