

Faculty Achievements: Awards and Honours

2022

- Award for Excellence in Research, awarded by the 7th South Asian Education Awards-22 on January 2022, **Dr. Varun Bajaj.**
- Appointed IETE member (MCS A170/1100999258) by IETE on 02/01/2022, **Dr. Amit Vishwakarma.**
- Lifetime Access of latest MATLAB Software for Research Purpose awarded by Indian Government on 05/04/2022, **Dr. Amit Vishwakarma.**
- External Examiner for ME thesis defense in JEC Jabalpur on 13/05/2022, **Dr. Amit Vishwakarma.**

2021

- **Dr. Varun Bajaj**, Listed 2% World Scientist, and researchers by Stanford university in July 2021.
- Best Paper Award at ICMEET-2021 conference in August 2021, **Dr. Tivesh Kumar.**
- Awarded Visiting Scientist Fellowship at UGC DAE Indore by INSA on 31/05/2021 **Dr. Pankaj Sharma.**

2020

- Subject Editor in IET Electronics Letters by IET on Nov 2018-11, and June 2020, **Dr. Varun Bajaj.**
- Associate Editor in IEEE Sensors Journal from 1 August 2020-Till now, **Dr. Varun Bajaj.**
- Subject Editor-in-Chief, IET Electronics Letters, from 12 June 2020- till now, **Dr. Varun Bajaj.**
- Best Paper Award at International Conference on Cutting Edge Technologies in Computing and Communication Engineering, NIT Kurukshetra, 07/11/20, **Dr. Ravi Panwar.**
- Visiting Professor Fellowship, University of Campania, Italy awarded by Govt. of Italy, 06/03/20, **Dr. Ravi Panwar.**
- Top Read Articles of Journal, the article entitled, “Design and development of low radar cross section antenna using hybrid metamaterial absorber” recognized as the Top 10% most downloaded articles Microwave and Optical Technology Letters (Wiley), 06/06/20, **Dr. Ravi Panwar.**
- Best Paper Award, Paper Title: Performance Comparison of III-V and Silicon FinFETs for Utra Low Power VLSI Applications, CCSN 2020, **Dr. Navjeet Bagga.**
- Best Paper Award, Paper Title: FDTD Analysis of Nanowire based InP/Ge Tandem Solar Cell for enhanced Power Conversion Efficiency, ESDA 2020, **Dr. Dip Prakash Samajdar.**

- Best Paper Award, Paper Title: Geometric Optimization and Performance Enhancement of PEDOT: PSS/GaAs NP array heterojunction solar cells, ESDA 2020, **Dr. Dip Prakash Samajdar.**
- Best Paper Award in CCSN-2020 held in Kolkata India, **Dr. Navjeet Bagga** and, **Dr. Dip Prakash Samajdar.**
- Appointed as an editor of Journal of Electrical and Electronic Engineering, Nov. 2020, **Dr. Navjeet Bagga.**

2019

- Best paper award at International Conference on Innovative Product Design and Intelligent Manufacturing System (ICIPDIMS 2019), NIT Rourkela, 2019, **Dr. Biswajeet Mukherjee.**
- Nominated as expert member in PDR of Development of Radar Signal Seeker for RudraM-II Missile, by the Director General (ECS), DRDO Govt of India, **Dr. Dinesh Kumar V.**
- Subject Editor; IET Electronics Letters, 2019, **Dr. Varun Bajaj.**
- Awarded SERB, DST International Travel Support (ITS) to attend the IEEE European Conference on Antennas and Propagation (EuCAP), 2019, Poland, **Dr. Biswajeet Mukherjee.**
- Elevated to the grade of Senior Member, IEEE, the highest professional grade of IEEE, Dec 20,2019, **Dr. Ravi Panwar.**
- Most Popular Articles of Journal, the article entitled, “Experimental validation of frequency selective surface loaded hybrid metamaterial absorber with wide bandwidth” recognized as Most Popular articles in the IEEE Magnetics Letters, 01/06/19, **Dr. Ravi Panwar.**
- Most Popular Articles of Journal, the article entitled, “Cascaded graphene frequency selective surface integrated tunable broadband terahertz metamaterial absorber” recognized as Most Popular articles in the IEEE Photonics Journal, 01/06/19, **Dr. Ravi Panwar.**
- Best Paper Awarded CICT 2019 at IIIT Allahabad, December 6-8, 2019, **Dr. Matadeen Bansal.**

2018

- FIST Research Grant, DST, **Dr. Dinesh Kumar V.**
- Awarded CSIR Travel Grant to attend the IEEE Radio and Antenna Days of Indian Ocean (IEEE RADIO), 2018, Mauritius, **Dr. Biswajeet Mukherjee.**
- Early Career Research Award, SERB, Government of India, **Dr. Dip Prakash Samajdar.**
- MPCOST Travel Grant, Govt. of Madhya Pradesh for IEEE Intermag 2018, Singapore visit, 2018, **Dr. Ravi Panwar.**
- Session Chair, International Conference on Information and Communication Technology 2018 (CICT-2018), IIIT Jabalpur, October 26-28, 2018, **Dr. Ravi Panwar.**

- Session Chair, National Symposium on Microwave Absorbing Materials, IIT Roorkee, India, August 24-25, 2018, **Dr. Ravi Panwar.**
- The article entitled, “Equivalent circuit model for design of frequency-selective, Terahertz-band, graphene-based metamaterial absorber” recognized as Most Popular articles by IEEE Magnetics Letters, Dec. 2018, **Dr. Ravi Panwar.**
- The article entitled, “Extended Jaya’s algorithm for optimal design of broadband layered microwave absorbing structures” recognized as Most Popular articles by IEEE Magnetics Letters, 01/06/18, **Dr. Ravi Panwar.**
- International Travel Grant (2009/CST/R&D(ITG)/2018) awarded by M.P. council of Science and Technology, 18/09/2018, **Dr. Trivesh Kumar.**

2017

- Early Career Research Award, SERB, Government of India, **Dr. Ravi Panwar.**
- "Top Poster Award" for an effective research contribution under the Swachh Bharat Mission of Govt. of India at SYPOG- Young Scientist's Conclave, India International Science Festival (IISF 2017), **Dr. Ravi Panwar.**
- Judge and Technical Expert, International Space Settlement Design Competition 2017, Gurugram, Nov. 02-05, 2017, **Dr. Ravi Panwar.**
- Session Chair, IEEE Asia Pacific Microwave Conference, Kuala Lumpur, Malaysia, Nov. 13-16, 2017, **Dr. Ravi Panwar.**
- "Top Poster Award" for an effective research contribution under the Swasth Bharat Mission of Govt. of India at SYPOG- Young Scientist's Conclave, India International Science Festival (IISF 2017), **Dr. Sachin Kumar Jain.**
- Awarded Hari Om Ashram Prerit Harivallabhdas Chunilal Shah Research Endowment Prize in the field of Electronics & Communication for the year of 2015-16, declared in 2017, by Sardar Patel University, Gujarat, **Dr. Biswajeet Mukherjee.**
- Awarded MPCST (Madhya Pradesh Council of Science & Technology) International Travel Grant to attend the 11th International Congress on Engineered Material Platforms for Novel Wave Phenomena – Metamaterials 2017, Marseille, France, **Dr. Biswajeet Mukherjee.**
- Awarded INSA Visiting Scientist Fellowship for 2017-18, **Dr. Biswajeet Mukherjee.**
- Awarded the, “Young Faculty in Engineering Award” by Venus International Foundation, 2017, **Dr. Biswajeet Mukherjee.**
- Most Downloaded and Most Cited Articles of Journal, the article entitled, “Progress in frequency selective surface-based smart electromagnetic structures: A critical review” recognized as Most Popular articles by Aerospace Science and Engineering (Elsevier), 01-Mar-17, **Dr. Ravi Panwar.**
- Best Paper Award in MIEL-2017 IEEE Conference held in Serbia, Europe, IEEE Serbia and Montenegro Section - ED/SSC Chapter, Oct. 2017, **Navjeet Bagga, Anil Kumar and S. Dasgupta.**
- SERB Travel Grant for attending international conference MIEL in Serbia, Europe, Oct 2017, **Dr. Navjeet Bagga.**

2016

- Awarded Young Engineer Award by the Institution of Engineers India (IEI) at Vijayawada, 2016, **Dr. Biswajeet Mukherjee.**
- Awarded Indian National Science Academy (INSA) International Travel Grant, to attend the URSI, Asia-Pacific Radio Science Conference (AP-RASC) at Seoul, South Korea, 2016. **Dr. Biswajeet Mukherjee.**
- 2016 BHAVAN FELLOWSHIP (Indo-US) Fellowship for six months at the University of North Texas, Denton, USA, **Dr. Jawar Singh.**
- Offer as guest editor for the Special Issue on multirate systems for journal Mathematical problems in engineering (Hindawi, OA SCI indexed Journal) 15/04/2016, **Dr. Anil Kumar.**
- KAIST Institute Postdoctoral Fellowship, Govt. of Korea on 01/06/16, **Dr. Ravi Panwar.**

2015

- 2015 Best Paper Award, IEEE International Symposium on Nano-electronic and Information Systems, INDIA, **Dr. Jawar Singh.**
- Attended the guest lecture /Meeting Prof. Ashok Srivastava, Louisiana State University, USA November 24, 2015, **Dr. Jawar Singh.**
- Brain Korea Research Fellowship awarded by Ministry of Education, National Research Foundation (NRF), Republic of Korea on 19 Nov. 2015, **Dr. Ravi Panwar.**
- IEEE Magnetic Society-Student Award at IEEE International Conference on Magnetics (Intermag 2015), Beijing, China on 10/05/15, **Dr. Ravi Panwar.**
- International Travel Grant (Young Scientist) for Conference in Beijing, China by Department of Science and Technology (DST), Ministry of Science & Technology, Government of India on 10/05/15, **Dr. Ravi Panwar.**

2014

- 2014 Travel grant from SERB (Department of Science and Technology, Govt. of INDIA) for attending an international conference in Santa Clara, CA, USA, **Dr. Jawar Singh.**
- Got Young Scientist Award at the 31st URSI General Assembly and Scientific Symposium at Beijing, China, 2014, **Dr. Biswajeet Mukherjee.**
- Free Offer to Visit Japan on the basis of Mtech CPI Score by PDPM IITDM Jabalpur on 10/4/2014, **Dr. Amit Vishwakarma.**

2013

- Nominated as an external visiting expert in DRDO project on Development of Photonic Bandgap Structures for force sensing application awarded to Dept of ECE, IISc Bangalore, **Dr. Dinesh Kumar V.**

- The “POSCO Power System Award” 2013 (PPSA-2013) for doctoral research work, oriental towards solving practical industrial problems related to power quality, **Dr. Sachin Kumar Jain.**
- Awarded Student Grants/Fellowship to attend the 10th IEEE European Radar Conference (EuRAD), from October 9 – 11, 2013 held at Nuremberg, Germany to present the research paper, **Dr. Biswajeet Mukherjee.**

2012

- Got Inventor Incentive Award, the Pennsylvania State University, USA, **Dr. Jawar Singh.**
- Best paper Award for article entitled “Separation of rhythms of EEG signals based on Hilbert-Huang transformation with application to seizure detection” by ICHIT 2012, South Korea, **Dr. Varun bajaj.**

2011

- Awarded the MPCST (Madhya Pradesh Council of Science & Technology) Fellowship, for a period of three months from July 2011 for pursuing research at Delhi University on DRA analysis on EBG under the MPCSTFTYS (Fellowship for Training of Young Scientist), Govt. of MP. **Dr. Biswajeet Mukherjee.**