

Dr. Naveen Jaglan

Associate Professor
Dept. of Electronics & Communication Engineering
Jaypee University of Information Technology
Waknaghat, Solan-173234, Himachal Pradesh, India
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naveenjaglan1@gmail.com

**Career Objective**

Seeking a professional environment & career in a growth oriented and leading-edge organization which provides opportunities for confirmed growth advancement & using my knowledge repertoire, utilize my potentials to the best.

Academic Credentials

Ph.D. (Electronics and Communication Engineering) from **Jaypee Institute of Information Technology (J.I.I.T)**
(Declared Deemed to be University u/s 3 of UGC Act), Sec-62, Noida (U.P.), India in June 2017.

M.Tech. (Hons.) (Electronics and Communication Engineering) from **Kurukshetra University, Kurukshetra** in 2011
with **C.G.P.A 7.7 out of 10.**

GATE-EC (Graduate Aptitude Test in Engineering-Electronics and Communication Engineering) qualified.

B.Tech. (Hons.) (Electronics and Communication Engineering) from **Kurukshetra University, Kurukshetra** in 2009
Secured **74.5% marks.**

12th (Non-Medical) from **S.D. Vidya Mandir School, Panipat (C.B.S.E)**, in 2005
Secured **73.6% marks.**

Area of Interest

5G Antenna design for Smartphones, Microwave communications, planar and conformal microstrip antennas including array mutual coupling, Artificial materials (metamaterials, metamorphic), EBG, PBG, FSS, DGS, novel antennas, UWB antennas, MIMO systems, RFID Technology and Telecommunication Security, numerical methods in electromagnetic, composite right/left-handed (CRLH) transmissions and High-k dielectrics.

Profile Links

HomePage: <https://www.juit.ac.in/faculty.php?id=368&dep=ece&page=0>

Research Gate: https://www.researchgate.net/profile/Naveen_Jaglan

Google Scholar: https://scholar.google.co.in/citations?user=ViU_O4AAAAJ&hl=en

Publons: <https://publons.com/researcher/1493191/naveen-jaglan/>

ORCID: <https://orcid.org/0000-0003-3521-671X>

VIDWAN: <https://vidwan.inflibnet.ac.in/profile/234168>

Ph.D Thesis: <http://shodhganga.inflibnet.ac.in:8080/jspui/handle/10603/170508>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=56550049400>

Skills and Academic Projects

Skills include modeling of antenna and RF circuits with Ansoft **HFSS/CST** Microwave Studio/**ADS** Momentum, measurements using Vector Network Analyzer and Anechoic Chambers. Good command in **AUTOCAD**, **MATLAB**, **Python**, **Origin** and 'C'.

Projects Using Microcontroller (AT89C52) :-D.T.M.F (Dual Tone Multiple Frequency), **Automation** through personal computer, **Automatic** washing machine.

Projects using MATLAB: -To avoid the problem of **gate tunneling** current below 90 nm i.e. at 65 nm and 45 nm an alternate gate dielectric material is used which have high dielectric constant than SiO₂. Three gate dielectric materials in **MOSFET** i.e. Si₃N₄, HfO₂, Al₂O₃ have been studied.

Courses Taught

B.Tech: Microwave Devices and Antenna Design, Control system, Electromagnetic theory, Antenna and wave propagation, Digital electronics, Microprocessor & Controllers, Python programming Essentials, Data Science using Python, ARM based Embedded Systems, Embedded system design, Python Programming Lab etc.

M.Tech and Ph.D: Antenna Theory and Techniques, Computational Electromagnetics etc.

Contribution to Departmental Activities

1. B.Tech Project Coordinator
2. NAAC Coordinator
3. NBA Coordinator
4. Program Assessment and Quality Improvement Committee Coordinator
5. MOOC/SWAYAM courses Coordinator
6. Course Curriculum Evaluation Coordinator
7. Academically Weak Students Committee
8. Consultative Committee
9. Faculty Project Proposal I/C
10. M-Tech Load Distribution
11. Ph.D Examiner Database
12. Project Monitoring Committee
13. Course Curriculum Revision Committee
14. Ph.D Examiner Database
15. Project Monitoring Committee
16. Course Curriculum Revision Committee
17. Departmental Quality Assurance Committee
18. Outreach Activities Coordinator
19. Purchase Committee
20. Minor Course in ECE Coordinator
21. Modernization and up gradation of Labs
22. Committee for Proficiency Courses
23. Teaching Load distribution coordinator.
24. Faculty In charge of ECL 6 Lab.

Contribution to Student Activities

1. JYC Health & Environment Club Coordinator.
2. Designed Several Testimonials for placed students.

Contribution to Institutional Activities

1. Member Admission Cell during 2019 and 2020 admissions.
2. Hostel Warden from 2017 to 2020.
3. Stock verification for LRC, ECE labs and Gyms of JUIT.
4. Done several outreach Activities for JUIT.
5. Mess Supervisory Committee.
6. Disciplinary Committee Member
7. Member of IQAC research cell
8. Member of Anti Ragging Committee

Contribution to Extra-curricular activities University/Department

1. Periodic Lab staff Training
2. Organizing Different Seminar/Webinars/Conferences
3. Regularly Organizing Orientation program for B. Tech students so as to help them in choosing elective courses.
4. Done several orientations for CSE students for awareness of Minor in ECE Programme.

Patents (Granted & Published)

1. **2021106375**: A multi-band EBG integrated wearable antenna (Status-Granted)
2. **IN202111007901** - Systems and method to prevent fraud during emission level certificate generation of vehicle (Status- published)
3. **IN202111019392** - System and method for displaying television program information (Status- published)
4. **202111037617**: Sale predicts: predict accurate sales for Walmart stores considering the impact of promotional markdown events using deep learning programming. (Status- published)
5. **IN202211013505** - System to Combine Multi-Source Content in Digital TV Program Guides (Status- published)

Ongoing Ph.D Students

1. **Ms. Vishakha Thakur**, Enrollment No-196002, Enrolled as Full-time scholar in July 2019.
Thesis Title: Design & Development of Antennas for 5G applications.
2. **Ms. Diksha Thakur**, Enrollment No-206004, Enrolled as Part time scholar in July 2020.
Tentative Research Area: 5G Communication
3. **Mr. Deepak Kumar**, Enrollment No-206006, Enrolled as Part time scholar in January 2021
Tentative Research Area: RFID antennas.

Ph.D Awarded

1. **Dr. Ekta Thakur**, Enrollment No-176001, Completed in December 2020.
Thesis Title: Design and Development of Compact MIMO/Diversity Band Notched UWB antennas.
Student completed thesis in three years with 1 book chapter, 4 SCI papers and 2 Scopus indexed papers.
Thesis Examiner: Prof. MV Kartikeyan IIT Roorkee, FIEEE (USA), FIET (UK), FIETE (India), FIE (India), FVEDAS (India)
2. **Dr. Kanishka Katoch**, Enrollment No-186002, Completed in October 2021.
Thesis Title: Design and Development of Frequency selective surfaces for practical applications.
Student completed thesis in three years with 1 publication in IEEE transactions, 4 SCI papers, 1 book chapter and two international conferences.
Thesis Examiner: Prof. Kavitha Arunachalam, IIT Madras.

Journals Reviewer

IEEE Transactions on Antennas and Propagation
IEEE Antennas and Wireless propagation Letters
IEEE Open Journal of Antennas & Propagation
IEEE Access
IET Microwaves Antennas & Propagation
International Journal of RF and Microwave Computer-Aided Engineering, Wiley
Microwave and Optical Technology Letters, Wiley
Wireless Personal Communication, Springer
Wireless Networks, Springer
Progress in Electromagnetic Research Journals
International Journal of Electronics, Taylor and Francis
AEU- International Journal of Electronics and Communication, Elsevier
International Journal of Microwave and wireless Technology, Cambridge University Press

Industrial Training

Training: WORKED AS A TRAINEE.
Organization: HPGCL (Unit-8, Panipat Thermal Power Station (P.T.P.S.)), PANIPAT.
Duration: 11 Jul 2007 – 20 Aug 2007

Training: TRAINING ON EMBEDDED SYSTEM
Organization: EMTECH FOUNDATION, Janakpuri, New Delhi.
Duration: 25 Jun 2008 – 10 Aug 2008

Recently Supervised B.Tech Projects

2018: Aditya Sheoran (141062), Sachin Sura (141089), Vandana Khurana (141103): Design and development of efficient microstrip patch antenna.

2019: Annie Sharma (151090): Design of microstrip patch antenna for practical applications.

2019: Akshat Bhatnagar (151027), Rhea Kukreti (151040): Data transmission through LI-FI

2020: Abhinav Sharma (161060), Archit Sugha (161102): Design and analysis of compact UWB antenna

2020: Sarthak kaushik (161011), Abhishek Jha (161062): Multiplexing Based Displaying of Data in a 3D Matrix of LEDs

2021: Amisha Kumari (171605): Cluster Size and Cluster Head Selection Using Hybrid Techniques in Wireless Sensor Networks

2021: Kritik Verma (171009), Keshav Vohra (171016): Stock market price prediction using sentiment analysis

Personal Information

Name : Dr. Naveen Jaglan
Father's name : Sh. Tarachand Jaglan.
Date of birth : Jan 4th, 1989.
Correspondence Address : 1615, Huda, Sector-18, Panipat (Haryana)
Passport no. : Z3959569
Hobbies : reading newspapers and magazines.

List of Publications

Book Chapters:

1. Katoch, K., Jaglan, N., Gupta, S. D., & Kanaujia, B. K. (2020). Design of Frequency Selective Surface (FSS) Printed Antennas. In *Printed Antennas* (pp. 401-435). CRC Press.
2. Thakur, E., Jaglan, N., Gupta, S. D., & Kanaujia, B. K. (2020). Advances in Patch Antenna Design Using EBG Structures. In *Printed Antennas* (pp. 363-400). CRC Press.
3. Thakur, E., Kumar, D., Jaglan, N., Gupta, S. D., & Srivastava, S. (2019). Mathematical Analysis of Commonly Used Feeding Techniques in Rectangular Microstrip Patch Antenna. In *Advances in Signal Processing and Communication* (pp. 27-35). Springer, Singapore.
4. Rathee, G., Gupta, S. D., & Jaglan, N. (2020). A Review on Block chain and Its Necessitate in Industrial IoT. In *Innovations in Computer Science and Engineering* (pp. 207-214). Springer, Singapore.
5. Jaglan, N., Gupta, S. D., Kanaujia, B. K., & Srivastava, S. (2017). Developments in Efficient Antenna Designs Using EBG Structures. In *Handbook of Research on Advanced Trends in Microwave and Communication Engineering* (pp. 34-84). IGI Global.

International Journals:

1. Thakur, V., Jaglan, N., & Gupta, S. D. (2022). Side Edge Printed Eight-element Compact MIMO Antenna Array for 5G Smartphone Applications. *Journal of Electromagnetic Waves and Applications*, 1-16.

2. Rathee, G., Ahmad, F., Jaglan, N., & Konstantinou, C. (2022). A Secure and Trusted Mechanism for Industrial IoT Network using Blockchain. *IEEE Transactions on Industrial Informatics*
3. Thakur, E., Jaglan, N., & Gupta, S. D. (2021). Ultra-Wideband Compact Circularly Polarized Antenna. *Wireless Personal Communications*, 1-14.
4. Jaglan, N., Gupta, S. D., Kanaujia, B. K., & Sharawi, M. S. (2021). 10 Element Sub-6 GHz Multi-band Double-T based MIMO Antenna System for 5G Smartphones. *IEEE Access*.
5. Katoch, K., Jaglan, N., Gupta, S. D., & Sharawi, M. S. (2021). Design of a triple band notched polarization independent compact FSS at UWB frequency range. *International Journal of RF and Microwave Computer-Aided Engineering*, 31(6), e22631.
6. Jaglan, N., Gupta, S. D., & Sharawi, M. S. (2021). 18 Element Massive MIMO/Diversity 5G Smartphones Antenna Design for Sub-6 GHz LTE Bands 42/43 Applications. *IEEE Open Journal of Antennas and Propagation*, 2, 533-545.
7. Katoch, K., Jaglan, N., & Gupta, S. D. (2021). Design and Analysis of Single Sided Modified Square Loop UWB Frequency Selective Surface. *IEEE Transactions on Electromagnetic Compatibility*.
8. Katoch, K., Jaglan, N., & Gupta, S. D. (2021). Analysis and design of a simple and compact bandstop Frequency Selective Surface at mobile WiMAX and satellite communication X-band. *Journal of Electromagnetic Waves and Applications*, 1-16.
9. Thakur, E., Jaglan, N., & Gupta, S. D. (2021). Miniaturized four-port UWB MIMO antennas with triple-band rejection using single EBG structures. *International Journal of Microwave and Wireless Technologies*, 1-9.
10. Thakur, V., Jaglan, N., & Gupta, S. D. (2021). Design of a Dual-Band 12-Element MIMO Antenna Array for 5G Mobile Applications. *Progress In Electromagnetics Research Letters*, 95, 73-81.
11. Srinivasan, K., Rathee, G., Raja, M. R., Jaglan, N., Mahendiran, T. V., & Palaniswamy, T. (2021). Secure multimedia data processing scheme in medical applications. *Multimedia Tools and Applications*, 1-12.
12. Rathee, G., Jaglan, N., Garg, S., Choi, B. J., & Jayakody, D. N. K. (2020). Handoff security using artificial neural networks in cognitive radio networks. *IEEE Internet of Things Magazine*, 3(4), 20-28.
13. Rathee, G., Jaglan, N., Iqbal, R., Lal, S. P., & Menon, V. G. (2020). A trust analysis scheme for vehicular networks within IoT-oriented green city. *Environmental Technology & Innovation*, 20, 101144.
14. Rathee, G., Jaglan, N., & Kanaujia, B. K. (2020). An Attack Resilient Framework in Cognitive Radio Network Environment for Inter-domain and Intra-domain Communication. *Wireless Personal Communications*, 114, 3457-3475.
15. Thakur, E., Jaglan, N., & Gupta, S. D. (2020). Design of compact triple band-notched UWB MIMO antenna with TVC-EBG structure. *Journal of Electromagnetic Waves and Applications*, 34(11), 1601-1615.
16. Rathee, G., Jaglan, N., Garg, S., Choi, B. J., & Choo, K. K. R. (2020). A secure spectrum handoff mechanism in cognitive radio networks. *IEEE Transactions on Cognitive Communications and Networking*, 6(3), 959-969.
17. Jaglan, N., Dalal, P., Gupta, S. D., & Abdalla, M. A. (2020). Band notched UWB MIMO/diversity antenna design with inductance boosted compact EBG structures. *Progress in Electromagnetics Research C*, 105, 185-202.
18. Krishnamurthy, R., Rathee, G., & Jaglan, N. (2020). An enhanced security mechanism through blockchain for E-polling/counting process using IoT devices. *Wireless Networks*, 26(4), 2391-2402
19. Rathee, G., Jaglan, N., Saini, H., Gupta, S. D., & Kanaujia, B. K. (2019). Probabilistic Verification Scenarios with Reduced Authentication Delay for Handoff Clients in Mesh Networks. *Wireless Personal Communications*, 104(4), 1553-1571.
20. Katoch, K., Jaglan, N., & Gupta, S. D. (2019). Design of a triple band notched compact FSS at UWB frequency range. *Progress In Electromagnetics Research M*, 87, 147-157.
21. Thakur, E., Jaglan, N., & Gupta, S. D. (2019). Design of compact UWB MIMO antenna with enhanced bandwidth. *Progress In Electromagnetics Research C*, 97, 83-94.
22. Rathee, G., Sharma, A., Iqbal, R., Aloqaily, M., Jaglan, N., & Kumar, R. (2019). A blockchain framework for securing connected and autonomous vehicles. *Sensors*, 19(14), 3165.
23. Thakur, E., Jaglan, N., Gupta, S. D., & Kanaujia, B. (2019). A compact notched UWB MIMO antenna with enhanced performance. *Progress In Electromagnetics Research C*, 91, 39-53.
24. Thakur, E., Jaglan, N., Gupta, S. D., & Srivastava, S. (2018). Compact microstrip antenna design at 60 GHz for next generation communication systems. *International Journal of Microwave and Optical Technology*, 13(2).
25. Jaglan, N., Gupta, S. D., Thakur, E., Kumar, D., Kanaujia, B. K., & Srivastava, S. (2018). Triple band notched mushroom and uniplanar EBG structures based UWB MIMO/Diversity antenna with enhanced wide band isolation. *AEU-International Journal of Electronics and Communications*, 90, 36-44.
26. Jaglan, N., Gupta, S. D., Kanaujia, B., Srivastava, S., & Thakur, E. (2018). Triple band notched DG-CEBG structure based UWB MIMO/diversity antenna. *Progress In Electromagnetics Research C*, 80, 21-37.

27. Jaglan, N., Kanaujia, B. K., Gupta, S. D., & Srivastava, S. (2018). Design of band-notched antenna with DG-CEBG. *International Journal of Electronics*, 105(1), 58-72.
28. Jaglan, N., Kanaujia, B. K., Gupta, S. D., & Srivastava, S. (2017). Design and development of an efficient EBG structures-based band notched UWB circular monopole antenna. *Wireless Personal Communications*, 96(4), 5757-5783.
29. Jaglan, N., Kanaujia, B. K., Gupta, S. D., & Srivastava, S. (2017). Dual band notched EBG structure based UWB MIMO/diversity antenna with reduced wide band electromagnetic coupling. *Frequenz*, 71(11-12), 555-565.
30. Jaglan, N., Gupta, S. D., & Srivastava, S. (2016). Notched UWB circular monopole antenna design using uni-planar EBG structures. *Int J Commun Antenna Propag*, 6(5), 266-273.
31. Jaglan, N., Kanaujia, B., Gupta, S. D., & Srivastava, S. (2016). Triple band notched UWB antenna design using electromagnetic band gap structures. *Progress In Electromagnetics Research C*, 66, 139-147.
32. Jaglan, N., & Gupta, S. D. (2016). Design and development of band notched UWB circular monopole antenna with uniplanar star shaped EBG structures. *International Journal of Microwave and Optical Technology (IJMOT)*, 11(2), 86-91.
33. Jaglan, N., Gupta, S. D., Kanaujia, B. K., & Srivastava, S. (2018). Band notched UWB circular monopole antenna with inductance enhanced modified mushroom EBG structures. *Wireless Networks*, 24(2), 383-393.
34. Jaglan, N., & Gupta, S. D. (2015). Reflection phase characteristics of EBG structures and Wlan band notched circular monopole antenna design. *International Journal of Communications Antenna and Propagation (IRECAP)*, 5(4), 233-240.
35. Jaglan, N., & Gupta, S. D. (2015). Design and analysis of performance enhanced microstrip patch antenna with EBG substrate. *International Journal of Microwave and Optical Technology*, 10(2), 79-88.

International Conferences:

1. Thakur, V., Jaglan, N., & Gupta, S. D. (2020, March). A Review on Antenna Design for 5G Applications. In *2020 6th International Conference on Signal Processing and Communication (ICSC)* (pp. 266-271). IEEE.
2. Singal, A., Kedia, D., Jaglan, N., & Gupta, S. D. (2017, September). Performance analysis of MIMO-OFDM system with transceiver hardware impairments. In *2017 4th International Conference on Signal Processing, Computing and Control (ISPCC)* (pp. 102-105). IEEE.
3. Katoch, K., Jaglan, N., & Gupta, S. D. (2019, March). A review on frequency selective surfaces and its applications. In *2019 International Conference on Signal Processing and Communication (ICSC)* (pp. 75-81). IEEE.
4. Jaglan, N., Gupta, S. D., Srivastava, S., & Kanaujia, B. K. (2016). Satellite downlink communication band notched UWB antenna using uniplanar EBG structure. In *2016 International Conference on Signal Processing and Communication (ICSC)* (pp. 89-94). IEEE.
5. Jaglan, N., & Gupta, S. D. (2015, March). Surface waves minimization in microstrip patch antenna using EBG substrate. In *2015 International Conference on Signal Processing and Communication (ICSC)* (pp. 116-121). IEEE.
6. Thakur, V., Jaglan, N., & Gupta, S. D. (2021). Compact ten element antenna array for thin 5G smartphone applications. In *2021 5th International Conference on Signal Processing, Computing and Control (ISPCC)* (pp. 29-33). IEEE
7. Thakur, D., Jaglan, N., & Gupta, S. D. (2021). Recent trends in Smartphone antenna design for 5G Applications. In *2021 5th International Conference on Signal Processing, Computing and Control (ISPCC)* (pp. 96-100). IEEE
8. Katoch, K., Jaglan, N., & Gupta, S. D. (2021). Band notched polarization insensitive simple FSS for electromagnetic shielding. In *2021 5th International Conference on Signal Processing, Computing and Control (ISPCC)* (pp. 96-100). IEEE
9. Kumar, D., Jaglan, N., & Gupta, S. D. (2021). A UHF RFID Reader Antenna design for Retail self-billing Application. In *2021 7th International Conference on Signal Processing and Communication (ICSC)*. IEEE

Publications Statistics

Total Publications: 54

Book Chapters: 5

International Journals: 35

International Conferences: 9

Patents (Published & Granted): 5

Scopus indexed Journals: 34

SCI Journals: 24

Papers Reviewed with recognition on Publons: >165

Total Impact factor of all SCI publications: 65

Workshop, Conferences and Lectures Attended

1. Session Chair of Track 3: Communication and Information Technology in IEEE DELCON 2022 organized by IEEE Delhi section at NSUT New Delhi from 11-13th Feb 2022.
2. Participated in Workshop on Image Processing with Deep Learning Organized by Dept of ECE and CSE/IT from 22-26 March 2022 at Jaypee University of Information Technology Wagnaghat, Solan, HP, India.
3. Attended Short term course from Oct 30 to Nov 03, 2017 on “*Wireless & Mobile Communication*” conducted by NITTTR, Chandigarh and Department of Computer Science and Engineering and Information Technology, Jaypee University of Information Technology, Wagnaghat.
4. Attended one day workshop “Patent Drafting” at Jaypee University of Information Technology, Himachal Pradesh, India in collaboration with Himachal Pradesh Patent Information Centre, Shimla, H.P. (HPPIC) on October 13, 2017.
5. Attended *IEEE International Conference on Signal Processing and Communication (ICSC-2016)* at *JIIT* Noida from 26-28 Dec 2016.
6. Attended *IEEE International Conference on Signal Processing and Communication (ICSC-2015)* at *JIIT* Noida from 16-18 Mar 2015.
7. Attended Short term course from Oct 23-27, 2017 on “*Cloud Computing through ICT*” conducted by NITTTR, Chandigarh and Department of Computer Science and Engineering and Information Technology, Jaypee University of Information Technology, Wagnaghat.
8. Attended popular lecture Series “*Issues Related to Environment*”, by Dr. Vandana Shiva at Jaypee University of Information Technology, Himachal Pradesh, India on Sept 23, 2017.
9. Attended Guest Lecturer on “*Development of Advanced Image and Signal Processing Techniques for Disease Diagnostic Devices: Process and Examples*” by Prof. Dinesh Kant Kumar, (Biomedical Engineering), RMIT University, Melbourne, Australia at Jaypee University of Information Technology, Himachal Pradesh, India on Sept 22, 2017.
10. Attended Guest Lecturer on “*Sensors and Signals in Clinical Monitoring and Diagnosis of Disease*” by Prof. Panicos Kyriacou, Professor of Biomedical Engineering City University London at Jaypee University of Information Technology, Himachal Pradesh, India on 21 Sep 2017.
11. Attended Guest Lecturer on “*Medical Imaging – Acquisition Processing Analysis & Applications*” by Prof. (Dr.) H.K. SARDANA Chief Scientist, CSIO Chandigarh at Jaypee University of Information Technology, Himachal Pradesh, India on Sept 21, 2017.
12. Conference Organizing committee member of 4th IEEE International Conference on signal processing and control (ISPCC 2017), Jaypee University of Information technology, Wagnaghat, Solan, H.P, India: September 21-23, 2017.
13. Attended one day workshop on “NPTEL Awareness” on June 15, 2019 at Jaypee University of Information Technology, Wagnaghat, Solan, H.P in collaboration with NPTEL and Swayam, IIT Roorkee.
14. Attended one day workshop on “Benchmark WiCOMM-T: Wireless Digital Communication Training System” and “Benchmark iCONSeT: An IoT Training System” on February 25th, 2019 at Department of Electronics and Communication Engineering, Jaypee University of Information Technology, Wagnaghat, Solan, H.P.
15. Attended one day Seminar on "Innovation, Renewable Energy & Entrepreneurship" jointly organized by CESTRD (Centre of Excellent in Sustainable Technologies for Rural Development of BT BI Dept. & TIED Cell of JUIT, October 29, 2018.
16. Attended one day workshop on “Trending Wireless Devices”, September 19, 2018 at Department of Electronics and Communication Engineering, Jaypee University of Information Technology, Wagnaghat, Solan, H.P.
17. Attended National Workshop on Statistical Techniques in Biological and Medical Sciences (STBMS-2018) from June 04-09, 2018 at Jaypee University of Information Technology, Himachal Pradesh, India.
18. Attended Guest Lecture on “Compete for BIRAC Biotechnology Ignition Grant (BIG) scheme” by Dr. Udayan Chandra in charge of DBT-BIRAC (Biotechnology Research Assistance Council), New Delhi on Jan 20, 2018 at Jaypee University of Information Technology, Himachal Pradesh, India.
19. Attended Faculty development program on R programming offered by spoken tutorial Project, IIT Bombay, funded by the national mission on education through ICT, MHRD, Govt. of India from 28/4/2020 to 2/5/2020.
20. Attended national workshop on Bioinformatics and Biomedical Image Analysis (NBBIA-2019) organized by Center of Excellence in Health Care Technologies and Informatics (CEHTI), JUIT from May 29 to May 31, 2019
21. Attended Faculty development program on Recent Advances in Signal and Image Processing (RASIP-2019) organized by Dept. of ECE, JUIT from June 24 to June 29, 2019

22. Attended Faculty development program on “Machine Learning using signal processing” organized by Dept. of ECE, JUIT from 20 May-25 May 2019
23. Attended One Day Workshop on “MATLAB 2018 b and recent tool box add-ons” organized by Dept. of ECE, JUIT on 10 Jan 2019.
24. Attended One Day workshop on “Patents on Computers and Electronics” by Mr. Mayank Sood Partner in K& S Technology group organized by IPR cell of JUIT Waknaghat on Feb 22,2019
25. Attended One Day Workshop on “Benchmark WiCOOMT: Wireless Digital Communication Training System and Benchmark ICONET: An IoT Training System” organized by IPR cell of JUIT Waknaghat on Feb 25,2019
26. Organized Four-week Lab Staff Training for lab staff from May 27-June 22,2019
27. Attended NPTEL Awareness Workshop organized by JUIT Waknaghat on June 15,2019
28. Attended One day workshop on “Trending wireless Devices” organized by JUIT Waknaghat on Sept 19,2019
29. Attended One Day workshop on “Recent Research Trends using MATLAB” organized by JUIT Waknaghat on Sept. 12,2018
30. Attended One Day Seminar on “Innovation, Renewable Energy & Entrepreneurship” organized by JUIT Waknaghat on Oct. 29 ,2018
31. Attended Two Day workshop on “Latest EDA tools for electronic circuit design: Xilinx Vivado, HSPICE organized by JUIT Waknaghat on 31 Oct. 31 to 2 Nov, 2018
32. Attended One Day Workshop on “Patent Filing and Geographical Indications of Himachal Pradesh” organized by JUIT Waknaghat on 30 Nov, 2018
33. Attended One week workshop on “Emerging areas of research in image processing (ERIP-2020) Organized by dept. of ECE from Jan 6 to Jan 12 2020.
34. Attended three-day workshop on perception toward IPR held on Feb 10th -12th 2020 at JUIT Waknaghat Solan, HP.
35. Participated in International Webinar Series on Research and Technological Advancements in Biomedical and Healthcare Sector (Webinar 4: Clinical Bioinformatics: Bridging the Gateway to Precision Medicine) organized by Centre of Excellence in Health Care Technologies and Informatics (CEHTI), Department of Biotechnology and Bioinformatics, JUIT on November 06, 2020.
36. Participated in the one-week online faculty development program on "Technology Computer Aided Design: Simulation for VLSI Devices, Circuits and Systems" organized by the Department of Electronics and Communication, Jaypee Institute of Information Technology, Noida from 20th July to 25th July 2020.
37. Participated in Webinar on Telecom Technologies, their evolution and RF optimization of KPIs of webinar series recent trends in contemporary India organized by ECE dept on 19 sep 2020.
38. Participated in Webinar on research and innovation to lead the smart world of webinar series recent trends in contemporary India organized by ECE dept on 10 Sep 2020.
39. Participated in Webinar on an introduction to AR-VR (Augmented Reality-Virtual Reality) and the way it is transforming the world we live in of webinar series recent trends in contemporary India organized by ECE dept on 5 sep 2020.
40. Participated in Webinar on Interdisciplinary approaches to improve resiliency at scales for humans and ecosystems to thrive of webinar series recent trends in contemporary India organized by ECE dept on 29 Aug 2020

Membership of professional bodies:

1. Member IEEE, Member No-92435247
2. Member Antenna and Propagation (APS) Society

References

1. Prof. Binod Kumar Kanaujia

Director NIT Jalandhar
 School of Computational and Integrative Sciences
 Jawaharlal Nehru University, New Delhi, India
 Phone: 9868795834 Email: bkkkanaujia@jnu.ac.in, bkkkanaujia@yahoo.co.in

2. Prof. Mohammad S. Sharawi

Electrical Engineering Department, Polytechnique Montréal,
 Montréal, QC H3T 1J4, Canada
 Tel: +1 (514)340-4711 ext. 7127 Email: mohammad.sharawi@polymtl.ca; m.sharawi@ieee.org

Declaration

I hereby confirm that the information given here is true and correct to the best of my knowledge & belief.

Date:

Place:

(Dr. Naveen Jaglan)