

Curriculum Vitae

Dr. Ifat Rasheed

(B.Tech, M.Tech, Ph.D)

Gulshanabad Hyderpora Srinagar,

Jammu & Kashmir (India) 190014

Email: ifatrashid@gmail.com

Mobile No: +91-6005408040



EDUCATIONAL QUALIFICATION:

1. **Bachelor of Technology (B.Tech)**, 2015, Baba Ghulam Shah Badshah University (BGSBU), Rajouri, J&K.
2. **Master of Technology (M.Tech)**, 2017, Lovely Professional University (LPU), Jalandhar.
3. **Doctor of Philosophy (Ph.D)**, 2024, Desh Bhagat University (DBU), Punjab.

TEACHING EXPERIENCE:

- Worked as Assistant Professor (C) at Department of Electronics and Communication Engineering, Institute of Technology, Zakura Campus, University of Kashmir, Srinagar during the Session 2025-26.
- Worked as Guest Lecturer at Govt. Polytechnic College, Shopian during academic session Nov-Dec, 2018.

SEMINARS/WORKSHOPS/CONFERENCES ATTENDED

- Attended 3rd NEP Orientation and Sensitization Programme (MMC-138-MAY-A-01600) organised by MALAVIYA Mission Teacher Training Centre, Shri Ram College of Commerce (MMTC-SRCC), 1-10th May 2024.
- Attended two day 11th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO), IEEE Delhi, organized by Amity University, Noida, India, 14-15th March 2024 and **presented a paper**, “*Optimizing Data Transmission: Analyzing FSO Based DWDM System in Turbulent Environments*”.
- Attended threeday International Conference on Mathematical Sciences and Its Application to Artificial Intelligence (ICMSAAI-24), 17-19th Jan 2024 and **presented a paper**, “*Enhancing FSO-DWDM performance through compensation strategies*”.
- Attended one day National Seminar on Innovation, Intellectual Property Rights & Entrepreneurship, organized by University School of Law in collaboration with IEDC, Desh Bhagat University, Mandi Gobindgarh, sponsored by ICSSR North-Western Regional Centre P.U. Chandigarh on 15th June 2023 and **presented a paper**, “*Artificial Intelligence (AI): Prospectus and Challenges*”.
- Attended two day National Conference on Advanced Research in Engineering, Science and Technology NCAREST 2022 24-25th Feb 2022 and **presented a paper**, “*Recent Advancements in Free Space Optics*”.
- Attended two day 1st International Conference on “*Recent Developments in Science, Humanities & Management-2018 (ICRDSHM-18)*”, organized by Amar Singh College, Cluster University, Srinagar from April 17-18, 2018 and **presented a paper**, “*Haptic Technology: A Touch Revolution*”.

- Attended three day 5th J&K Women Science Congress (JKWSC 2018) on “*Emerging Trends in Science: Role of Women*”, organized by Govt. College for Women, M.A Road, Srinagar from March 27-29, 2018 and **presented a paper**, “*Role of Women in Scientific Productivity*”.
- Attended 13th J&K Science Congress, organized University of Kashmir, Srinagar in collaboration with J&K State Science, Technology and Innovation Council, Govt. of J&K from April 2-4, 2018 and **presented a paper**, “*Li-Fi (Light Fidelity)-An Initiative Towards Greener Wireless Communication*”.
- Attended two day 2nd International Conference on “*Recent Developments in Science, Humanities & Management-2018 (ICRDSHM-18)*”, organized by Maratha Chamber of Commerce, Industries and Agriculture, Tilak Road, Pune (India) on July 8, 2018 and **presented a paper**, “*Emerging Trends in Social Networking: Implications for Society*”.
- Attended three day 3rd International Conference of Asian Libraries on “*Building Smart Libraries: Changes. Challenges. Issues & Strategies*”, organized by Central University of Kashmir and Asian Library Association, New Delhi at Central University of Kashmir, Nowgam campus, Srinagar from August 6-8, 2018 and **presented a paper**, “*Bibliotherapy and Mental Health: A Systematic Review on the Therapeutic Essence of Books Across Various Age groups*”.
- Attended two day National Seminar on “*Scientific Temper: Nurturing for Future*”, organized by the Department of Biotechnology & Bioinformatics, Sri Pratap College, Srinagar from November 27-28, 2018 and **presented a paper**, “*Artificial Intelligence (AI) and its Role in Present Era: A Systematic Review*”.
- Attended five day Fifth International Conference on “*Nanotechnology for Better Living (ICNBL-2019): The Leading Technology of 21st Century*”, jointly organized by the NIT Srinagar and IIT Kharagpur from April 7-11, 2019 and **presented a paper**, “*Nanotechnology in Communication Engineering: Issues and Challenges*”.

PUBLICATIONS

A) Research Papers:

- **Ifat Rasheed**, Gurinder Kaour Sodhi, Ritu Malhotra, Manish Kumar Singla and Wulfran Fendzi Mbaso “Enhancing FSO – DWDM Performance through Compensation Strategies”, *Engineering Reports*, December 2025, Vol. 7(12) DOI:10.1002/eng2.70540
- **Ifat Rasheed** and Gurinder Kaur Sodhi, “*Performance Evaluation of FSO Based DWDM System Under Varying Data Rates and Modulation Schemes*”, *International Journal of Research and Analytical Reviews (IJPAR)*, ISSN: 2349-5138/ 2348-1269, Vol. 11, No. 2, pp. 707-718, 2024.
- **Ifat Rasheed**, Gurinder Kaur Sodhi, Reetu Malhotra, “*Optimizing Data Transmission: Analyzing FSO Based DWDM System in Turbulent Environments*”, 2024 11th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO), 979-8-3503-5035-7/24/\$31.00/, DOI: 10.1109/ICRITO61523.2024.10522424
- **Ifat Rasheed** Gurinder Kaur Sodhi, “*Recent Advancements in Free Space Optics*”, *Journal of Fundamental & Comparative Research*, ISSN: 2277-7067, Vol. 7, No.1, 2022, pp. 23-29:2022

- **Ifat Rasheed.** Gurinder Kaur Sodhi, “*Artificial Intelligence (AI): Prospectus and Challenges*”, International Journal of Scientific & Technical Development, ISSN: 2348-4047, vol. 8, no. 1, pp, 12-17, 2022.
- **Ifat Rasheed**, “*Virtual Private Networks-A Review*”, International Journal of Advance Engineering and Research Development, Vol. 05(02), 2018, pp. 92-100, IF: 5.71,[ISSN: 2348-4470] (**UGC Serial No 44839**)
- **Ifat Rasheed**, “*Performance Comparison of Rayleigh and Rician Fading Channel Models: A Review*”, International Journal of Advance Engineering and Research Development, Vol. 05(02), 2018, pp. 428-435, [ISSN: 2348-4470], IF: 5.71,(**UGC Serial No 44839**)
- **Ifat Rasheed**, “*Haptic Technology: A Touch Revolution*”, International Journal of Advance Research in Science and Engineering, Vol. 7(04), 2018, pp. 1476-1483, IF: 2.83, [ISSN: 2319-8354] (**UGC Serial No:4651**)
- **Ifat Rasheed**, et.al, “*Emerging Trends in Social Networking: Implications for Society*”, International Journal of Research in Electronics and Computer Engineering (IJRECE),Vol. 6(03), 2018, pp. 179-181, IF: 3.702, [ISSN: 2348-2281(o) 2393-9028 (p)] (**UGC Serial No:44816**)
- **Ifat Rasheed**, “*Social Media and Tourism Industry in Kashmir*”, Journal of Engineering Sciences (JES), Vol. 11(04), 2020, pp. 100-106, [ISSN: 0377-9254]
- Dr. Gurinder Kaur Sodhi and **Ifat Rasheed**, “*Ethics and Engineering: A Study of Artificial Intelligence*”, International Journal of Scientific and Technical Development, Vol. 09(01), 2023, pp. 16-32, [ISSN: 2348-4047]

B) Book Chapters:

- **Ifat Rasheed** et.al, “Bibliotherapy and Mental Health: A Systematic Review on the Therapeutic Essence of Books Across Various Age groups”, in *Building Smart Libraries: Changes. Challenges. Issues & Strategies*, Dr. Abdul Majid Baba, Dr. Raj Kumar Bharadwaj. Dr. S.S. Dhaka, Dr Tariq Ashraf and Dr. Nabi Hassan (Editors), Asian Library Association, New Delhi, August, 2018, [ISBN: 978-81-9348-251-3]
- **Ifat Rasheed**, “Feminism in Indian: Contribution of Women Social Reforms”, in *Indian Women: A March towards Modernity*, Amit Bhowmick Prabhat Kumar Singh (Editors), Mittal Publications, New Delhi, 2020, [ISBN: 81-8324-957-4]

Dr. Ifat Rasheed
Contact: 6005408040
drifatrashid@gmail.com