



ARASHID AH.BHAT

ECE Dept.BGSBU

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CAREER OBJECTIVE:

Contribute towards the growth by using my expertise and knowledge for an organization, where professionalism and hard work is respected and which provides ample opportunities towards continuous growth and advancement for its employees.

PROFESSIONAL QUALIFICATION:

1. M.Tech IN COMMUNICATION and IT from National Institute Of Technology Srinagar
2. B.TECH IN Electronics and Communication Engineering from University of Kashmir

SKILLS PROFILE:

Languages: Matlab, VHDL,Basic, C- language, FORTRAN, 8085/8086 Assembly Languages,SQL, DOT NET, JAVA,HTML, Internet n Web Designing,Ms-Access

Simulation Tools: Optisystem V-14, Simulink,Tina, PCB Designing Tools,Lab View, Circuit Maker

Subject Specialization: Optical Fiber Communication, Communication Systems

ACADEMIC PROJECTS UNDERTAKEN:

- 1: Project Title B.TECH: Wireless **Infra Red LAN**, Web Developed for College.
- 2.M.Tech Dissertation: Design and analysis of SCM Based RoF System

2;Seminar: -**BIOSENSORS, INTEL ARCHITECTURES, VLSI INTERCONNECTS,RF IC DESIGN, Haptics, Ethical Social Networking, FSO Designand MANY MORE**

INDUSTRIAL TRAINING, Workshops and FDPs:

- General Orientation Course at KU
 - Refresher Course on Disaster Management at Bangalore University
 - STC at IIT Delhi on Machine Learning
 - FDP on Quantum Physics
 - National Seminar on Advances in Reaserach at NIT Srinagar
 - National Conference at KU- SEEDS-2016
 - National Conference ETIECE at BGSBU
 - Workshop on OBE at AICTE Delhi
 - International Symposium on History and Future of Transistors by IEEE Delhi
 - Webinar on Work from Home – New Norm? Opportunities and Challenges IEEE Delhi
 - Webinar on Education for Anyone, Anytime and Anywhere: NEP2020 & Beyond IEEE Delhi Section
 - webinar on "NAAC Accreditation: Process and Strategies for Preparation of AQAR Criterion Wise for HEIs" organized by IQAC, Baba Ghulam Shah Badshah University,Rajouri, J&K, India.
 - 2 Days International Webinar on "Women Leading Technology", jointly organized by IEEE Sensor Council and IEEE Signal Processing Society (SPS) of Gujarat Chapter
 - 02-Workshop on OBE by NPIU
 - STC at IIT Bombay on Active Learning
 - Standford Survey at UIET Chandigarh
-And Many More

Work Experience:

1.Worked for 2 Years as CONTRACTUAL Lecturer in the Department of Electronics & Communication Engineering at National Institute Of Technology ,Srinagar
Period:September 2010-to-March2012

2.Currently Working as Permanent Assistant Professor at Baba Ghulam Shah Badshah University(Govt.) ,RAJOURI ,J&K
Period:MARCH 2012-to-Present

3. Have supervised many UG and PG projects

ACADEMIC QUALIFICATION:

Examination	University/Board	Year of Passing	Grade/Division
M.TECH	NIT SRINAGAR	2009	1 st
B.Tech	K.U	2007	1 st
10+2	J & K BOSE	2001	1 st

Research Publications:

“Compensating Effect of Environmental Noise Sources in FSO Networks” Proceedings of International Conference on Communication and Computational Technologies @ Springer
“Design and performance improvement of optical transreceiver system” IJAERD
“Review of methods for Voltage Control in AC Inverters” IJAERD
“Performance Analysis and enhancement of WDM optical networks” IJAERD
“Square Wave Inverters -A performance Comparison with Pure Sine wave Inverters” IJRECE
“Design and Performance Improvement Analysis of Direct Detection and Coherent Detection Based OFDM System” AEU - International Journal of Electronics and Communications 5(2):189-196
“Design and Performance Optimization of 8-Channel WDM System” International Journal of Computer Science and Software Engineering
“Design and Optimization of CW Laser Based SCM-RoF System” Conference: International Conference on Emerging Trends GIMT-Kurkshetra
“Gain Non-Uniformity Correction of EDFA based WDM Systems” Conference: International Conference on Emerging Trends GIMT-Kurkshetra
<i>“National Paper on”3D and its Technologies Vying” at NIT SRINAGAR</i>

Research Projects Undertaken:

- 1: “Internal and External Noise Compensation in Optical Network of BGSB University” by NPIU worth **INR3,00000/**.
- 2: Successfully facilitated implementation of TEQIP-III project for our institution for a Grant of INR 12.20 Crore from NPIU and MHRD

Memberships:1) Member IEEE Communication Society
2) Member IEEE Photonic Society