RESUME

Malik Mubasher Hassan

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Objective:	To contribute to the best of my level, wherever I work.

Summary

- ➢ **More than 14 years of Experience in teaching at University level.**
- ➢ **Presently working as Principal University Polytechnic, BGSB University from September, 2017.**
- ➢ **Former Head, Department of Information Technology & Engineering (about 10 years)**
- ➢ **Nodal Officer, National Knowledge Network (NKN) BGSBU**
- ➢ **Rich experience of academic administration**

Career Progression

Organization:	**BGSB University Rajouri (J&K)**
Designation:	Sr. Assistant Professor (**Principal and Head of the Department**)
Duration:	From October, 2007
Past Experience:	Worked as Lecturer at KITE Polytechnic for more than one year

Educational Qualification

- ➢ M.Tech (First Class) in Communication & Information Technology from **NIT Srinagar in 2007**
- ➢ B.E (First Class) in ECE from **MIET Jammu in 2004**
- ➢ Passed 10th and 12th Class through **CBSE**
- ➢ **Pursuing Ph.D from NIT Srinagar**

- ➤ Free Space Optical Communication
- ➤ Communication systems
- ➤ Mobile & Wireless communication
- ➤ Computer networks
- ➤ ICT

Publications in referred Journals/ National Conferences/International Conferences

A. Referred Journals/Book Chapters

1. **M Mubasher Hassan** and G M Rather, " Centralized Relay Selection and Optical Filtering Based System Design for Reliable Free Space Optical Communication over Atmospheric Turbulence" I. J. Computer Network and Information Security, 2020, 1, 27-42 Published Online February 2020 in MECS (http://www.mecs-press.org/) DOI: 10.5815/ijcnis.2020.01.04

2. **M Mubasher Hassan** and Tabasum Mirza "An Approach of Cloud Based Mobile Learning System (M-learning)" International Journal of Research in Advent Technology, Vol.7, No.5, May 2019 E-ISSN: 2321-9637 Available online at www.ijrat.org

3. **M Mubasher Hassan** and Tabasum Mirza "Curriculum Complexity Based Model of Blended Learning "International Journal of Research in Advent Technology, Vol.7, No.2, February 2019 E-ISSN: 2321-9637 Available online at www.ijrat.org

4. **M Mubasher Hassan**, Tabasum Mirza and Mirza Waseem Hussain. "Improving Rural Education with the aid of Digital Libraries"International Journal of Research in Advent Technology, Vol.6, No.12, December 2018 E-ISSN: 2321-9637 Available online at www.ijrat.org

5. **M Mubasher Hassan** and Tabasum Mirza "Churn Prediction in Banking Sector using Bayesian Neural Networks" International Journal of Research in Advent Technology, Vol.6, No.12, December 2018 E-ISSN: 2321-9637 Available online at www.ijrat.org

6. Sahil Malik and **Malik Mubashar Hassan** "PAPR Reduction in OFDM system by Modiiffiied DFT spreading technique with Pulse shaping" International Journal of Electronics Engineering (ISSN: 0973-7383) Volume 10 • Issue 2 pp. 733-738 June 2018-Dec 2018 www.csjournals.com

7. **M Mubasher Hassan** and Tabasum M. "Improving Customer Relationship Management (CRM) in Banking Sector using Data Mining " International Journal of Management and Applied Sciences (IJMAS), ISSN: 2394-7926, Volume-4, Issue-9. September-2018.

8. **M Mubasher Hassan** and Tabasum M. "Customer Profiling and Segmentation in Retail Banking using Data Mining Technique" International Journal of Advanced Research in Computer Science (IJARCS), Vol. 09 No. 04 July-August, 2018, ISSN No. 0976-5697, DOI:http:/dx.doi.org/10.26483/ijarcs.v9i4.6172

9. **M Mubasher Hassan** and Tabasum M. "Real-Time Detection of Fraudulent Transactions in Retail Banking using Data Mining Techniques" International Journal on Computer Science and Engineering (IJCSE) e-ISSN : 0975-3397 p-ISSN : 2229-5631, DOI: 10.21817/ijcse/2018/v10i6/181006013 Vol. 10 No.06 Jun 2018

10. Sahil Hamid, **Malik Mubashar Hassan** "Comparative Analysis of Different Techniques of PAPR Reduction in OFDM System" International Journal of Scientific Research in Computer Science, Engineering and Information Technology © 2018 IJSRCSEIT | Volume 4 | Issue 1 | ISSN : 2456-3307

11. **Malik Mubashir Hassan**, Mohsin khan, Malik Shoeib, Tabasum Jan and Jehangir Farooq "Smart n Secure Home Using IOT" International Journal of Scientific Research in Computer Science, Engineering and Information Technology © 2018 IJSRCSEIT | Volume 4 | Issue 1 | ISSN : 2456-3307

12. **M Mubasher Hassan** and Tabasum M. "Predictive Risk Categorization of Retail Bank Loans Using Data Mining Techniques" International Journal of Scientific Research in Computer Science, Engineering and Information Technology © 2018 IJSRCSEIT | Volume 4 | Issue 1 | ISSN : 2456-3307

13. Dr. Mirza Waseem Hussain, **M. Mubasher Hassan**: "Computer Network Routing using Swarm Intelligence " International Journal of Engineering Research in

Computer Science and Engineering (IJERCSE) Vol 5, Issue 3, March 2018, ISSN (Online) 2394-2320.

14. **M Mubasher Hassan** Mirza Waseem Hussain: "Header Based Spam Filtering Using Machine Learning Approach" International Journal of Emerging Technologies in Engineering Research (IJETER), Volume-5, Issue-10, and October (2017), ISSN: 2454-6410©Ever Science Publications Published.

15. **M Mubasher Hassan** and G M Rather : "Scope of Potential in FSO Technology as Compared to RF Technology in the Next Generation Networks". Journal of Network Communications and Emerging Technologies (JNCET) www.jncet.org Volume 7, Issue 9, September (2017), ISSN: 2395-5317©Ever Science Publications.

Book Chapter Published

1. Book Chapter (Title, Book name, Press, Year)
   Legal Issues in Software and Internet, Information Literacy and Plagiarism, CBS -2018

2. ICT: Redefining the Future of Education in India, Towards New India Trends and Transitions, First Edition: 2020, Published by: National Prints An Imprint of Blue Buck Publications
   New Delhi – 110043

B. Paper Presented in National/International Conferences

1. Vinay Singh, Ajit Singh and **Malik Mubasher Hassan** "Survey: Black hole attack detection in MANET" 2nd International Conference on advanced computing and software Engineering(ICACSE-2019) at Kamla Nehru Institute of Technology Sultanpur-India on February 8-9, 2019.

2. **M Mubasher Hassan** and Tabasum M. "Improving Customer Relationship Management (CRM) in Banking Sector using Data Mining " International Conference on Recent Innovations in Electrical, Electronics, Computer and

Mechanical Engineering (ICRIEECME), Proceedings of WRFER, June 24th 2018, Venue: Chennai

3. **M Mubasher Hassan** and G M Rather : "Performance Improvement of FSOC using relay assistance" National Conference on Emerging Trends and Innovations in Electronics and Communication Engineering (ETIECE2017), Dept. of ECE, BGSBU Rajouri, August 26-27, 2017

4. **M Mubasher Hassan** and G M Rather : "Hybrid FSO/RF Communication System for the Next Generation Networks" National Conference on Innovative trends in computer Science Research (ITCSR) organized by Dept. of Computer Science, BGSBU Rajouri on 25th and 26th February, 2017.

5. Haiqa Fayaz, Azra Bashir, Burhan Qureshi and **M. Mubasher Hassan** (Dept. of ITE, BGSB University Rajouri J&K):"The Virtualization over Web" International Conference RISET, 20th – 21st November, 2015 YCET, Jammu (India) ISBN No: 978-81-931614-0-1

6. **M Mubasher Hassan** and G M Rather : "Impact of Changing Weather on Free Space Optical Communication (FSO)"11th JK Science Congress, 2015 at University of Kashmir (J&K) ISBN: 978-93-82288-87-9, October 12-14, 2015

7. **M Mubasher Hassan** Department of ITE BGSBU Rajouri (J&K), G. M. Rather Department of ECE National Institute of Technology (NIT) Srinagar (J&K): "Free Space Optics (FSO): An Emerging Wireless Technology"National Conference on Recent Innovations & Advancements in Information Technology RIAIT'2014 November 26-27, 2014 (ISBN: 978-93-5212-284-4)

8. Qamar Rayees Khan, **M Mubasher Hassan** :"Threat mitigation in information systems using data mining techniques"9th JK Science Congress 2013 and Regional Science Congress (ISCA) University of Kashmir (Oct. 1-3, 2013).

9. **M Mubasher Hassan**, Qamar Rayees Khan: "Adaptive filtering for minimization of intersymbol interference (ISI) in wireless communication "9th JK Science Congress 2013 and Regional Science Congress (ISCA) University of Kashmir (Oct. 1-3, 2013).

Workshop/Seminars

S.No.	Programme	Dates	Duration	Organized by
1.	AICTE sponsored Staff Development Program on Soft Computing	June 11-25, 2008	15 Days	Dept. of computer science BGSBU Rajouri
2.	AICTE sponsored National seminar on current trends in mobile computing	November 28-28, 2008	02 Days	Dept. Of CS(PG), BGSBU Rajouri
3.	Short term course on Auto CAD	May 18-26, 2009	09 Days	DOEACC Srinagar (Ministry of comm. & IT Govt. of India)
4.	Training on Texas instrument DSP processors	July 1-14, 2010	14 Days	EdGate Technologies Pvt. Ltd. Bangalore
5.	Workshop on SQL	July 18-28, 2011	10 Days	ePine Business Solutions Sgr.
6.	Short term course on Computer Networking with CISCO technology	January 16-20, 2012	One Week	NITTTR Chandigarh
7.	Work shop on Next Generation Networks	May 26, 2012	One Day	NIT Srinagar
8.	ISTE workshop on Introduction to Research Methodology	June 25 - July O4, 2012	10 Days	IIT Mumbai
9.	International workshop on Application Oriented Networks	July 09-13, 2012	One Week	JUET Guna (M.P)
10	Workshop on Network Security	September 03, 2012	One Day	Dept. Of ITE, BGSBU Rajouri
11	General Orientation Course	Sept.10 - Oct. 8, 2012	One Month	UGC-ASC university of Kashmir
12	Organized & Attended workshop on "RFID & Microcontroller based Pervasive Computing"	April 22-26, 2013	One Week	Dept. of ITE, BGSBU Rajouri

13	Workshop on Research Methodology	June 03-12, 2013	10 Days	School of Management Studies BGSBU in collaboration with Dept. of Management studies CU Jammu
14	Refresher Course in Information Technology	July 01-21, 2013	03 Weeks	UGC-ASC NEHU Shillong (Meghaliya)
15	Workshop on Information Security and Cyber Forensics	October 07-11, 2013	One Week	CyberCure Solutions Technologies Pvt. Ltd. New Delhi
16	Workshop on Information Literacy and Plagiarism	December 01-10, 2014	10 Days	BGSB University Rajouri
17	Workshop on Wireless and Computer Networks	February 27-28, 2015	02 Days	Dept. of Computer Sciences BGSBU Rajouri
18	Short term course on Modeling and Simulation of Large Scale Systems	April 13-17, 2015	One Week	Dept. of Electrical Engineering NIT Srinagar
19	National workshop on Linux Administration and Open Source Software Applications	March 11-18, 2016	08 Days	Dept. of Computer Sciences BGSBU Rajouri
20	Organized workshop on Nation Network Security Championship	March 15-16, 2016	02 Days	Network Bulls and RedMap Learning New-Delhi
21	Workshop on C-Programming	April 01-09, 2016	08 Days	Dept. of Mathematics BGSBU Rajouri
22	Swachhta Drives on Swachhta Pakhwada	November 01-15, 2016	15 Days	Observed at BGSBU Rajouri
23	Workshop on Matlab Programming and Simulink	November 15-19, 2016	One Week	Dept. of Electrical Engineering BGSBU Rajouri
24	3rd Winter School	January 10-30, 2017	21 Days	UGC HRDC BHU Varanasi

25	Training programme on Big Data Analytics	March 10-20, 2017	10 Days	Dept. of IT, NIT Srinagar
26	AICTE recognized Short Term Course on "SciLab Programming through ICT"	August 21-25, 2017.	One week	NITTTR Chandigarh
27	Certificate course on Computer Hardware and Networking	September 13-October 13, 2017	One Month	Jetking Faridabad Centre, Haryana
28	AICTE recognized Short Term Course on "Power Electronics and its Applications through ICT"	November 27-December 01, 2017.	One week	NITTTR Chandigarh
29	Professional Development Training (PDT)	January 29-Februrary 02, 2018	One week	IIM Raipur under TEQIP-III programme.
30	Workshop on "Outcome-based Education (OBE)"	March 19-20, 2018.	02 Days	School of Engineering and Technology, BGSBU
31	Summer training on Active Learning	June 4-8, 2018	One Week	IIT Bombay
32	AICTE recognized Short Term Course on "Sustainable creativity and innovation management in Institutions"	September 24-28, 2018	One week	NITTTR Chandigarh
33	Work shop on Artificial Intelligence and Deep Learning	September 29 to October 1, 2018	3 Days	MIET Jammu
34	Workshop on Problem solving and programming skill enhancement	October 15-20, 2018	One week	Dept. of CSE & ITE BGSBU in collaboration with AMU Aligarh
35	Workshop on Machine Learning: Tools and Techniques	October 31-November 04, 2018	One week	Dept. of CSE & ITE BGSBU in collaboration with AMU Aligarh
36	Professional Development Training (PDT)	January 27-31, 2019	One week	IIM Kashipur under TEQIP-III

				programme.

Invited Talks

1. Delivered an invited talk on "Legal issues in Software and Internet" in 10 Day workshop on Information Literacy and Plagiarism organized by Dean Academics at BGSBU Rajouri on December 1-10, 2018.

2. Delivered an invited talk on "Open Source Software" in 8 Day workshop on Linux Administrator and Open Source Application Software organized by Post graduate Department of Computer Sciences BGSBU Rajouri on March 11-18, 2018.

3. Delivered an invited talk on "Awareness of various Govt. Schemes for self Employment for ITI trainees" at Industrial Training Institute Rajouri on February 13, 2019.

4. Delivered series of talks on "Career counselling and guidance to the High and Higher Secondary schools in Rajouri District" in the Month of February 2019.

Contribution to the organization

1. Founder member of College of Engineering and Technology BGSBU Rajouri
2. Established Laboratories in the college
3. Senior Warden of Hostels in BGSBU
4. NBA Coordinator
5. Pro-Proctor
6. Member of the following committees in the University:
   - Anti Ragging Committee
   - University Discipline Committee
   - Central Procurement/Purchase Committee
   - University Survey Committee
   - Organizing Committee of Various Events in the University
   - University Grievance Cell
   - Advisory Committee for Ensuring Security in University Campus
   - Sports Committee
   - Active member of TEQIP-III project
   - Various enquiry committees whenever needed
   - Selection committees of contractual appointment
   - Examination committee
   - Admission committee

- Academic performance assessment
- Inspection squad for examination
- Inspection of internal assessments
- Centre Superintendent
- Overall in charge of Theory Examination
- Officiating Principal of college of engineering and technology in absence of Principal
- Core member of declamation contest
- Centre superintendent of various entrance examinations
- Advisory committee for campus security
- Core member of foundation day celebrations
- Mess related activities
- Campus e-governance
- Sports related activities/procurement
- Core member of conduct of convocation
- Fee fixation committee
- Framing policies of security in campus

Awards

1. Received appreciation certificate from Hon'ble Vice Chancellor for overall Received certificate of appreciation at 5th annual day on December 15, 2015 for organizing cultural activities in the University.

2. Received certificate of appreciation for outstanding support and effort for making National Security Championship-India grand success held in partnership with E-cell IIT Kanpur at Dept. of ITE, BGSBU on March 15-16, 2016.

3. Received certificate of appreciation for active participation in fifteen day "Swachhta Pakhwada conducted from November 01-15, 2016" in BGSB University.

4. Received certificate of appreciation for chairing the session [Poster Session (Judge)] in National Conference (ETIECE-2017) organized by Dept. Of ECE, BGSB University.

5. Received certificate of appreciation for coordinating one month Certificate course on Computer Hardware and Networking organized by Winnovation Academy New Delhi on September 13-October 13, 2017.

6. Received certificate of appreciation for convening one month Induction program for B.Tech 2018 batch students in August, 2018.

7. Received certificate of appreciation for conducting one week workshop on "Problem Solving and Programming Skills Enhancement" in collaboration with AMU Aligarh held at BGSBU from October 15-20, 2018 under TEQIT-III.

8. Received certificate of appreciation for conducting one week workshop on "Machine Learning: Tools and Techniques" in collaboration with ZHCET, AMU Aligarh held at BGSBU from October 31 to November 4, 2018 under TEQIT-III.

9. Received certificate of appreciation for organizing one week training program on Repair and Maintenance of Laboratory Equipment and Computers for technical staff held at BGSBU from November 2-6, 2018 under TEQIT-III.

Personal Information

Father's Name:	Late Gh. Mohammad Malik
Date of Birth:	28-09-1980
Nationality:	Indian
Languages Known:	English, Urdu, Hindi and Kashmiri
Marital Status:	Married
Children:	Two

Signature
29-05-2020