

# Department of Electronics and Communication Engineering

National Institute of Technology, Hazratbal, Srinagar

**Dr. A. H. Mir**  
**Prof ECE Department**

## I. Papers Published:

<b>S.N</b>	<b>Name of the Staff member</b>	<b>Title of the paper</b>	<b>Conference/Journal etc. where published</b>	<b>Date of publishing</b>
1	Bazila Hashia, A.H.Mir	Segmentation of Living Cells: A Comparative Study	International Conference on Communication and Signal Processing, April 3-5, 2014, India	April 2014
2	Bazila Hashia, A.H.Mir	Segmentation of Lumbar Intervertebral Discs from Spine MR Images	International Conference on Innovative Applications of Computational Intelligence on Power, Energy and Controls with their Impact on Humanity (CIPECH14) 28 & 29	November 2014
3	Riaz Khan, A.H.Mir	A Simulation Based Study of IP Mobility over IPv6 Networks	IEEE-CIPECH-2014	November 2014
4	Riaz Khan, A.H.Mir	A Review of Network Based Mobility Management Schemes, WSN Mobility in 6LoWPAN Domain and Open Challenges	IJFGCN-2014	March 2014
5	Saba Mushtaq Ajaz Hussain Mir	Digital Image Forgeries and Passive Image Authentication Techniques: A Survey	International Journal of Advanced Science and Technology [Vol.73 (2014), pp.15-32]	April 2014
6	Saba Mushtaq Ajaz Hussain Mir	Novel Method For Image splicing Detection.	3 <sup>rd</sup> IEEE ICACCI-2014 international conference [24-27 Sept. 2014]	September 2014
7	Saba Mushtaq Ajaz Hussain Mir	Forgery Detection Using Statistical Features	CIPECH-14 IEEE international conference [28-29 Nov. 2014]	November 2014
8	Saba Mushtaq, Shoaib Amin Banday, Ajaz Hussain Mir	Verification Using Multimodal Biometric Fusion	International Conference on Advances in Computers, Communication and Electronic Engineering [16-18 March 2015]	March 2015
9	Shoaib Amin Banday, Saba Mushtaq, A.H.	Multi Unit Iris Biometric Encrypted	International Journal of Signal Processing, Image Processing and Pattern Recognition	June 2014

	Mir	Template Formation and Authentication	[Vol. 7, No. 6 (2014), pp. 231-242]	
10	Riaz Khan, A.H.Mir	SFPMIPv6- A framework for IP-WSN Mobility	IEEE –ICCSP-2014	April 2015
11	Riaz Khan, A.H.Mir	Performance Analysis of Host Based and Network Based IP Mobility Management Schemes Over IPv6 Network	IEEE-ICACCI-2014	September 2014
12	Shoaib Amin Banday, A. H. Mir	Texture and morphology based MRI brain image segmentation of pituitary gland	<i>Digital Processing, Elixir Digital Processing 79 (2015) 30460-30468, Feb 2015</i>	March 2015
13	Shoaib Amin Banday, A.H. Mir	Support Vector Machine based Multi-Unit Iris biometric verification using GLCM for feature extraction	International Conference on advances in computers, communication and electronic engineering, ISBN: 978-93-82288-54-1, March 2015	March 2015
14	Saba Mushtaq, Shoaib Amin Banday, A.H. Mir	Verification using multimodal biometric fusion	International Conference on advances in computers, communication and electronic engineering, ISBN: 978-93-82288-54-1, March 2015	March 2015
15	Mohammad Ahsan Chisti, <b>Ajaz Hussain Mir</b>	<i>Performance Analysis of Traffic Engineering (TE) in IPv6 with IPv4 over Multi Protocol Label Switching (MPLS)</i>	International Journal of Computing and Network Technology, Volume 3, No. 1, Jan. 2015. ISSN: 2210-1519	2015
16	Shaima Qureshi, <b>Ajaz H. Mir</b>	<i>Mobility Management in Next Generation Networks: Analysis of Handover in Micro and Macro Mobility Protocols</i>	Paper published in International Journal of Computing and Network Technology. . Volume 2, Number 3 , September 2014. Page.	September 2014
17	Mohammad Ahsan Chisti, <b>Ajaz Hussain Mir</b>	<i>“Survey of Header Compression Techniques over Multiprotocol Label Switching (MPLS)”</i>	International Journal of Computing and Network Technology,	2015

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## Najeeb-ud-din

### **Publications**

1. Liyaqat Nazir, Roohie Naaz Mir, and Najeeb-ud-din Hakim, "A 7GS/s, 1.2 V Pseudo logic Encoder based Flash ADC Using TIQ Technique," ICIS-2014 ABVIIIITM, Gwalior India.
2. Sonika Gupta Gulam Mohd Rather Najeeb-ud- din, "Linearization of Double Balanced Mixer Operated in Subthreshold Region of MOSFET," ICAT 14
3. Gausia Qazi Ajay K. Sharma Najeeb-Ud- Din, "Simulative Extraction and Performance Investigation Of Improved Compensated DFB Laser For an IM- DD SCM Optical Link," ICAT 14
4. Gausia Qazi, Ajay K. Sharma, H. Najeeb-ud-din Shah, and Moin Uddin, "Performance investigation on harmonic distortion and inter-modulation distortion induced degradation for a single- and two-tone IM-DD SCM optical link," *ELSEVIER Optik - International Journal for Light and Electron Optics*, Vol. 125, No. 9, pp. 2148-2153, May 2014.
5. Gausia Qazi, Ajay K. Sharma, H. Najeeb-ud-din Shah, and Moin Uddin, "Performance investigation on clipping and RIN induced degradation for a single- and two-tone IM-DD SCM optical link, *ELSEVIER Optics Communications*, Vol. 319, No. 15, pp.178–187, May 2014.
6. F. Anna, and Najeeb-ud-din, "Charge Transport Modeling of Organic Electronic Materials," *Proceedings DAE-BRNS Conference on Organic Devices*, BARC Mumbai March, 03 - 06, 2014.
7. Gausia Qazi, Ajay K. Sharma, H. Najeeb-ud-din Shah, and Moin Uddin, "Investigation on inter-modulation products (IMPs) for IM-DD SCM optical links" *ELSEVIER Optik - International Journal for Light and Electron Optics*, Vol. 125, No. 5, pp. 1629 – 1633, March 2014.

### **Conferences**

**Gh. Rasool Begh**  
Assistant Professor

**II. Papers Published:**

<i>S.No</i>	<i>Name of the Staff Members</i>	<i>Title of the Paper</i>	<i>Date of Publishment</i>
1.	Gh.RasoolBegh	<i>Performance Evaluation of Clustering Algorithms in Wireless Sensor Networks</i> International Journal of Computing and ICT Research, Vol. 8, Issue 1, June 2014	June 2014

**III. Programmesattended( Conference/Courses/Trainings)**

<i>S.No</i>	<i>Name of the Staff Members</i>	<i>Name of the Programme attended</i>	<i>Institute were attended</i>	<i>Date</i>
1.	Gh. RasoolBegh	<i>AICTE recognized Short Term Course on Open Source Technologies Conducted by NITTTR Chandigarh</i>	NIT Srinagar	25.05.2014 to 29.05.2014

**Prof G. M. Rather**

1.	<b>A High Speed 32-bit FP GA Based Cordic Architecture for Sine and Cosin Function Evaluation</b>	<b>International Journal of Computer Application</b>
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**Prof. Najeeb-ud-din**

S. No	Title of paper	Name of conference/Journal
1.	Charge Transport Modeling of Organic Electronic Material	Proceeding DAE-BRNS Conference on Organic Devices, BARC Mumbai
2.	Investigation on inter-modulation Products (IMPs) for IM-DD SCM Optical Link	ELSEVIER Optik – International Journal for Light and Electron Optics
.	A 4 GS/s 1.8 V Multiplexer encoder based Flash ADC using TIQ Technique	Proceeding (IEEE Xplore) International Conference on Signal Processing and integrated Network SPIN-2104
4.	Review on Image Processing :FPGA Implementation Prospective	International Journal of Innovative Research in Computer Science and Technology
5.	Gate Leakage Current Modeling in Ferroelectric FET	Physics of Semiconductor Devices, Environmental Science Engineering, Springer International Publishing Switzerland
6.	A High Speed 32-bit FPGA Based CORDIC Architecture for Sine and Cosine Function Evaluation	International Journal of Computer application

**Mrs. Farida Khurshid**

S. No	Title of paper	Name of conference/Journal
1.	AR based human identification using ear biometrics	International Journal of Signal Processing , Image Processing and pattern recognition (July-2014)
2.	A hybrid Template Security Techniques Using Multimodal biometric feature	International Journal of Innovative Research in Science and Engineering (April-2014)
3	Comparative study of time series model based techniques for personal verification using ear biometrics	International Journal of information processing (August-2015
3.	Multi-unit iris biometric fusion using gray level co-occurrence matrix features.	Advance Electronic Systems (ICAES), 2013 International Conference (July-2013)
4.	Time series model based personal verification using ear biometrics	In Computer and Communication Technology (ICCT), 4 <sup>th</sup> International Conference on ,pp.264-268. IEEE, 3013 (Sep-2013)
5.	Fuzzy Logic Based Data Hiding	Proc. Indo-US-Conference and Workshop on Cyber Security, Cyber Crime and Cyber Forensics

**Mrs Gausia Qazi**

S. No	Title of paper	Name of conference/Journal
1	"Investigation on inter-modulation products (IMPs) for IM-DD SCM optical links"	Optik Elsevier 125 (2014) 1629– 1633.
2	Performance investigation on harmonic distortion and inter-modulation distortion induced degradation for a single- and two-tone IM-DD SCM optical link	Optik Elsevier 125 (2014) 2148–2153
3	Performance investigation on clipping and RIN induced degradation for a single- and two-tone IM-DD SCM optical link	Optics Communications Elsevier 319 (2014) 178–187

**Mr. Abdul Gaffar Mir**

<b>S. No</b>	<b>Title of paper</b>	<b>Name of conference/Journal</b>
1	Performance Evaluation of Wavelet Based Compression Techniques in Medical Imaging	International Journal of Signal and Image Processing (ICSIP-2013)
2.	A Probabilistic Approach Based Filtered Location Updates in a Mobile Grid Network	International Conference on advanced Electronics Systems(ICAES-2013)
3	A Retrospect on Robotic Telepresence	International Journal of Recent and Innovative Trends in Computing and Communications (IJRITCC)
4	Feature Extraction Methods (PCA Fused with DCT)	International Journal of Advances in Engineering and Technology( IJAET)

**Mr. G. R. Begh**

<b>S. No</b>	<b>Title of the Paper</b>	<b>Conference/Journal etc. where published</b>
1.	Impact of DDoS attack (UDP Flooding) on queuing models	<i>4th International Conference on Computer and Communication Technology (ICCCT), 2013</i>
2.	Vacate on demand algorithm in cognitive radio networks,	<i>IEEE International Conference on Signal Processing, Computing and Control (ISPCC), 2013</i>

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International Conference on Advanced Technology & Sciences, ICAT'14, Antalya Turkey, August 12-15, 2014

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