

Mohd Yaseen Mir

Dept. of Computer Science & Eng.,
University of Kashmir, North Campus,
Delina, Baramulla, Jammu & Kashmir.

Google Scholar
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Research Interests

Delay/Disruptive Tolerant Network, Mobile Opportunistic Network, Mobile Social Networks,
Internet of People, Device-to-Device communication, Edge Computing

Education

National Central University, Taoyuan, Taiwan <i>Ph.D. in Communication Eng.</i>	09/17 - 30/22 <i>Gpa: 4.0/4.0</i>
VSSUT, Odisha, India <i>M.S. in Computer Science and Eng.</i>	09/14 - 07/16 <i>Gpa: 8.8/10</i>
University of Kashmir, India <i>B.E. in Computer Science and Eng.</i>	09/08 - 12/12 <i>Gpa: 7.0/10</i>

Research Experience

Network Computing Laboratory, NCU, Taiwan <i>Graduate Student Researcher, advised by Prof. Chih-lin Hu</i> <ul style="list-style-type: none">• Researched delay and disruption tolerant networks	09/17 – 01/01/2023
Dept. of Computer Science & Eng., VSSUT, Odisha, India <i>Graduate Student Researcher, advised by Prof. Satyabrata Das</i> <ul style="list-style-type: none">• Researched mobile ad-hoc networks	09/15 – 07/16

Teaching Experience

Assistant Professor/ Contractual Lecturer <i>University of Kashmir, Kashmir</i>	03/24 – present
Assistant Professor/ Contractual Lecturer <i>University of Kashmir, Kashmir</i>	03/23 – 12/23
Teaching Assistant <i>NCU, Taiwan</i> <ul style="list-style-type: none">• Fall 2022: Introduction to the ONE simulator (Master's students NClab)• Fall 2021: Distributed Computing	
Teaching Assistant <i>VSSUT, Odisha, India</i> <ul style="list-style-type: none">• Fall 2015: Introduction to C programming	09/15 – 01/16

Awards & Honors

Research Assistant Grant - 115k Ntd <i>Network Computing Laboratory, NCU, Taiwan</i>	09/21-12/22
Teaching Assistant Grant - 23k Ntd <i>Dept. of Communication Eng., NCU, Taiwan</i>	09/21-02/22
NCU Foreign Student Scholarship - 14k×12×4 Ntd <i>National Central University, Taiwan</i>	09/17-09/21
Student Travel Grant: WCNC'19 - 25k Ntd <i>Ministry of Science and Technology, Taiwan</i>	2019
HP Enterprise AI Hackathon (Taiwan) - The First Prize Award - 100k Ntd <i>HP Enterprise</i>	2018
Student Travel Grant: WOCC'18 - 5k Ntd <i>Network Computing Laboratory, NCU, Taiwan</i>	2018
Qualified GATE <i>Indian Institute of Science (IISc) Bangalore and Indian Institutes of Technology (IITs)</i>	2015

Specialized Skills

Programming skills:Java, C, C++, C#, Python (basic), Tcl
Network tools: ONE, NS 2.35
Software: L^AT_EX
Project:Windows-based .Net Application for **Mir Laminators Industry** (C# and Sqlserver 2005)

Professional Activities

External Reviewer

Journals and Conferences

- IEEE Access
- Elsevier Ad Hoc Networks Journal
- International Journal of Communication Systems
- International Conference on Advanced Network technologies and Intelligent Computing (ANTIC)

Research Projects

MOST, Taiwan: 105-2221-E-008-029-MY3

Message Dissemination Technologies with Spatial and Temporal Periodicity in Mobile Opportunistic Networks

MOST, Taiwan: 108-2221-E-008-021

Data Dissemination and Network Resource Management in Mobile Internet of Things

MOST, Taiwan: 109-2221-E-008-051

Data Dissemination and Network Resource Management on Integrated Architecture of 5g MEC and SDN

Research Presentations

Journal Papers

1. **Mir, MY, Hu, C-L.** Exploiting Group Mobility for Message Forwarding in Mobile Opportunistic Networks. *In pipeline.*

2. **Mir, MY**, Hu, C-L. Quota-based routing and buffer management with heuristic strategies in opportunistic ad hoc networks. *Int J Commun Syst.* 2022 (Sci-IF: 2.1). [online](#)
3. **Mir, M.-Y.**; Zhu, H.; Hu, C.-L. Enhanced Geographic Routing with One- and Two-Hop Movement Information in Opportunistic Ad Hoc Networks. *Future Internet* 2022, 14, 214 (Sci-IF: 3.4). [online](#)
4. Chuluuntulga Sosorburam, **Mohd Yaseen Mir** and Chih-Lin Hu, "Finding Temporal Periodicity with Chi-Squared Testing in Mobile Social Network," *Internal Journal of Social and Humanistic Computing*, Vol. 3, No. 3/4, pp. 290- 307, 2020 (Peer-reviewed). [online](#)
5. **Mir, Mohd Yaseen**, and Satyabrata Das. "An Efficient Clustering in MANETs with Minimum Communication and Reclustering Overhead," *International Journal of Rough Sets and Data Analysis (IJRSDA)* 4, no.4: 101-114 (Peer-reviewed). [online](#)

Conference Papers

1. Hengbing Zhu, **Mohd Yaseen Mir**, and Chih-Lin Hu, "Geographic Routing with Two-Hop Movement Information in Mobile Opportunistic Networks," *Proceeding of The 30th Wireless and Optical Communications Conference (WOCC 2021)*, Taipei City, Taiwan, October 7-8, 2021. [online](#)
2. **Mohd Yaseen Mir** and Chih-Lin Hu, "Exploiting Mobile Contact Patterns for Message Forwarding in Mobile Opportunistic Networks," *Proceedings of in IEEE Wireless Communications and Networking Conference (IEEE WCNC 2020)*, Seoul, South Korea, May 25-28, 2020. [online](#)
3. **Mohd Yaseen Mir**, Chih-Lin Hu and Sheng-Zhi Huang, "Data Forwarding with Finite Buffer Capacity in Opportunistic Networks," *Proceedings of The 27th Annual Wireless and Optical Communications Conference (WOCC 2018)*, Hualien, Taiwan, April 30-May 1, 2018. [online](#)

Book Chapter

1. **Mohd Yaseen Mir**, and Chih-Lin Hu, "Message Forwarding and Relay Selection Strategies in Mobile Opportunistic Networks," *Opportunistic Networks: Fundamentals, Applications, Applications, and Emerging Trends*, published by CRC Press, Taylor & Francis Group, 2021. [online](#)

Extracurricular Activities

Social Work: Member at Maktab dawat Fikr (NGO)

Other interests: Startup: [Aharbal](#), Reading (fiction and non-fiction), Movies, Travel