

PROFORMA FOR BIO-DATA

Dr. Ishfaq Mohi Ud Din
 R/O Gulshan Nagar, Nowgam
 Near Basharat Colony
 Srinagar-190015
 UT of Jammu & Kashmir
 India



- **Email(s) and contact number(s):** Ishfaq.bhat@iust.ac.in ; ishfaqbhat.99@gmail.com
 +91-8491001456; 9622899091
- **Date of Birth:** 23-05-1993 (23 May 1993)
- **Gender:** Male
- **Academic Qualification (Undergraduate Onwards)**

| | Degree | Year | Subject | University/Institution |
|----|--------------------------|---------|------------------------------------|---|
| 1. | Ph.D. | 2017-22 | Transportation Engg. & Planning | National Institute of Technology Srinagar, India |
| 2. | M.Tech. (Dual Degree) | 2010-15 | Civil Engg. | Lovely Professional University (LPU), India |
| 3. | B.Tech. (Dual Degree) | 2010-15 | Civil Engg. | Lovely Professional University (LPU), India |

- **Ph.D. thesis title:** Laboratory Study on Performance of WMA using RAP and Copper Slag, with Special Emphasis on Cold Conditions

Guide's Name: Prof. (Dr.) Mohammad Shafi Mir

Institute: National Institute of Technology (NIT) Srinagar

Date of Award: March 29, 2022

• **Work experience**

| S. No. | Positions held | Name of the Institute | From | To |
|--------|------------------------|---|----------|-----------|
| 1. | Assistant Professor | IUST Awantipora | 13-03-23 | Till date |
| 2. | Lecturer | IUST Awantipora | 31-05-22 | 31-12-22 |
| 3. | Guest Faculty | National Institute of Technology Srinagar | 08-05-22 | 30-05-22 |
| 4. | Senior Research Fellow | National Institute of Technology Srinagar | 11-10-19 | 29-03-22 |
| 5. | Junior Research Fellow | National Institute of Technology Srinagar | 01-04-17 | 01-04-19 |
| 6. | Lecturer | National Institute of Technology Srinagar | 09-03-16 | 31-03-17 |
| 7. | Lecturer | National Institute of Technology Srinagar | 07-08-15 | 31-12-15 |

• **Publications (*List of papers published in SCI/Scopus Journals*).**

| S. No. | Author(s) | Title | Name of Journal |
|--------|---|---|---|
| 1. | Ishfaq Mohi Ud Din, Faheem Sadiq Bhat, and Mohammad Shafi Mir | A study investigating the impact of waste cooking oil and waste engine oil on the performance properties of RAP binders | Road Materials and Pavement Design |
| 2. | Ishfaq Mohi Ud Din and Mohammad Shafi Mir | Laboratory Study on the use of Reclaimed Asphalt Pavement and Copper Slag in Warm Mix Asphalt Pavements using Waste Engine Oil as a Rejuvenator | International Journal of Pavement Research and Technology |
| 3. | Ishfaq Mohi Ud Din and Mohammad Shafi Mir | Effect of copper slag and reclaimed asphalt pavement on the skid resistance of asphalt mixes | International Journal of Pavement Engineering |
| 4. | Ishfaq Mohi Ud Din and Mohammad Shafi Mir | Experimental investigation of low viscosity grade binder modified with Fischer Tropsch-Paraffin wax | International Journal of Pavement Research and Technology |
| 5. | Ishfaq Mohi Ud Din and Mohammad Shafi Mir | Effect of Freeze-Thaw Cycles on the Properties of Asphalt Pavements in Cold Regions: A Review | Transportation Research Procedia |

| | | | |
|----|--|--|---------------------------------------|
| 6. | Ishfaq Mohi Ud Din and Mohammad Shafi Mir | Laboratory study on the use of copper slag and RAP in WMA pavements | Innovative Infrastructure Solutions |
| 7. | Ishfaq Mohi Ud Din and Mohammad Shafi Mir | Study of warm mix asphalt using reclaimed asphalt pavement and copper slag: a review | Canadian Journal of Civil Engineering |
| 8 | Faheem Sadiq, Towseef Gilani, Ishfaq Mohi ud Din | Integration of nano Al ₂ O ₃ and nano SiO ₂ in asphalt mixes: A comprehensive performance and durability evaluation | Construction and Building Materials |

Research Index:

- **h-index- 8**
- **i10-index-7**
- **Citations- 203**

• **Books/Reports/Chapters/General articles etc.**

| S. No. | Title | Author's Name | Publisher | Year of Publication |
|--------|---|---|---|---------------------|
| 1. | Performance Evaluation of Warm Mix Asphalt using Fly-ash and Brick Kiln Dust as Filler Material | Ishfaq Mohi Ud Din, Faheem Sadiq, Danish Iqbal, Mohammad Shafi Mir. | NIT Srinagar | 2024 |
| 2. | Performance Evaluation of Warm Mix Asphalt using Fly-ash and Brick Kiln Dust as Filler Material | Ishfaq Mohi Ud Din, Faheem Sadiq, Danish Iqbal, Mohammad Shafi Mir. | NIT Srinagar | 2024 |
| 3. | Innovative Warm Mix Asphalt with RAP and Copper Slag for Cold Conditions | Ishfaq Mohi Ud Din, Faheem Sadiq, Danish Iqbal, Mohammad Shafi Mir. | Lambert Academic Publishing | 2024 |
| 4. | Identification of High-Risk Road Traffic Crash Zones for Spatial Allocation and Distribution of Proximate Health-Care Facilities: An Application of GIS Tools | Ubaid Illahi, Ruhhee Tabbussum, Burhan-ul-wafa and Ishfaq Mohi ud din | International Journal on Emerging Technologies | 2020 |
| 5. | Laboratory Performance Evaluation of Bituminous Mixes in Freeze-Thaw Areas | Ishfaq Mohi Ud Din | Proceedings of the 13th Session of Jammu and Kashmir Science Congress | 2018 |

| | | | | |
|----|--|--------------------|--|------|
| 6. | Influence of Fillers on Paving Grade Bitumen | Ishfaq Mohi Ud Din | International Journal of Innovative Research in Science Engineering and Technology | 2015 |
|----|--|--------------------|--|------|

Conference Participation:

- 1) Ishfaq Mohi Ud Din , “2-Day Training & Capacity Building Workshop on Earthquake Risk Mitigation and Management”, IUST, Kashmir India, September 24-25, 2025.
- 2) Ishfaq Mohi Ud Din and Mohammad Shafi Mir, “Effect of Freeze-Thaw Cycles on the Properties of Asphalt Pavements in Cold Regions: A Review”, 15th World Conference on Transport Research (WCTR-2019), Mumbai, India, May 26-31, 2019.
- 3) Ishfaq Mohi Ud Din “Laboratory Performance Evaluation of Bituminous Mixes in Freeze-Thaw Areas”, Proceedings of the 13th Session of Jammu and Kashmir Science Congress, University of Kashmir, Srinagar, India, April 2, 2018.

Softwares familiar with:

- Mendeley by Elsevier
- AutoCAD by Autodesk
- SPSS by IBM
- Origin
- Microsoft Office/Excel by Microsoft

Workshops/ Webinars attended:

- Short Term Course on “Machine Learning and its Applications to Civil Engineering (MLACE 2020)” organized by Department of Civil Engineering, NIT Srinagar, UT of J&K, India, November 2-5, 2020.
- Online One Week Faculty Development Program on “Waste Management for Sustainable Development” organized by Department of Civil Engineering, JUIT Waknaghat, January 04-08, 2021.
- Online Symposium on “Sustainable Advancements in Transportation Engineering” Organized by Transportation Engineering Division, Department of Civil Engineering, School of Technology, Pandit Deendayal Energy University, Gandhinagar, 17th – 19th April, 2021.
- Short-Term Course on “Advances in Geotechnical Engineering for Sustainable development (AGESD-2020)” Organized by IGS Srinagar Chapter in association with Department of Civil Engineering National Institute of Technology Srinagar, sponsored by TEQIP-3 from September 26-30, 2020.
- Training Workshop on “Application of Computer Applications in Civil Engineering” organized by Department of Civil Engineering, NIT Srinagar and IGS Srinagar Chapter in Association with M/S Ram CADDSYS Pvt. Ltd., Chennai, June 29 – July 03, 2017.

Consultancy Projects:

(1) **Project Title:** Design Mix/Job Formula preparation of Wet Mix Macadam (WMM) and Dense Bituminous Macadam (DBM) for New Industrial Estate at Lelhar, Pulwama (J&K).

(2) **Project Title:** Design Mix/Job Formula preparation of Dense Bituminous Macadam (DBM) for resurfacing of service road in air side of terminal building, car parking, main entrance at drop gate and special repair of damaged portion of apron at Srinagar Airport, J&K, India

- Worked with the technical team to evaluate the various DPRs of PMGSY Roads under the supervision of Prof. Mohammad Shafi Mir.
- Worked with the safety audit team of National Highway (NH-44).
- Involved with the setup of the High-Performance Asphalt Testing Lab at NIT Srinagar
- Total experience of more than 5 years

Details of Referees:

1. Dr. Mohammad Shafi Mir

Professor, Department of Civil Engineering, NIT, Srinagar, Jammu & Kashmir, India.

Email: shafi@nitsri.ac.in

2. Dr. Asif Hussain Shah

Assistant Professor, Department of Civil Engineering, Central University of Kashmir, Ganderbal, Jammu & Kashmir, India.

Email: asif.shah@cukashmir.ac.in