CURRICULUM VITAE

Dr. Peerzada Mosir Shah

Ph.D in Transportation Engineering and Planning (TE&P)
National Institute of Technology (NIT), Srinagar
Hazratbal, India - 190006

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Education

Degree/ Certificate	Institution	Year	CGPA/Percentage
Doctors of Philosophy	National Institute of Technology, Srinagar	2022	85%
Master of Technology	Lovely Professional University	2016	82%
Bachelors of Engineering (Civil)	Lovely Professional University	2015	70.11%

Experience

Position	Organization	Year
Teaching Assistant	National Institute of Technology, Srinagar	17-04-2017 to 4-08-2022 (5.3 Years)
Assistant Professor	Lovely Professional University	01-06-2016 to 01-02-2017 (8 months)
Trainee	Simplex Infrastructure	01-06-2014 to 31-07-2014 (2months)

Publications: Journal Articles

- **Peerzada Mosir Shah** (2024) Study on use of recycled waste materials on the performance of asphalt binder and mixes: A comprehensive review. “Progress in Rubber Plastics and Recycling Technology”. 10.1177/14777606241290857 **(Indexed**

in SCI and SCOPUS).

- Suzeena Iftikhar, **Peerzada Mosir Shah,** Mohammad Shafi Mir (2022) Potential Application of various nanomaterials on the performance of asphalt binders and mixes: A comprehensive Review. "International Journal pavement research and technology". https://doi.org/10.1007/s42947-022-00207-5 **(Indexed in SCOPUS)**
- **Peerzada Mosir Shah**, Mohammad Shafi Mir (2021) Investigating the influence of carbon-Nanotube on the performance of asphalt binder. "Progress in Rubber Plastics and Recycling Technology". https://doi.org10.1177/14777606211019413 **(Indexed in SCI and SCOPUS)**.
- **Peerzada Mosir Shah**, Mohammad Shafi Mir (2020) Effect of Kaolinite clay/SBS on the rheological performance of asphalt binder. "Innovative Infrastructure Solutions". Vol 5. Article-No. 21. https://doi.org/10.1007/s41062-020-0270-8. **(Indexed in ESCI and SCOPUS)**.
- **Peerzada Mosir Shah**, Mohammad Shafi Mir (2020) Performance of OMMT/SBS on the rheological properties of asphalt binder. "Korea-Australia Rheology Journal" 32, 235-242 (2020). https://doi.org/10.1007/s13367-020-0022-5 **(Indexed in SCI and SCOPUS)**.
- **Peerzada Mosir Shah**, Mohammad Shafi Mir (2019) Application of Nano-Technology in Pavement Engineering- A review "Canadian Journal of Civil Engineering". https://doi.org/10.1139/cjce-2019-0395. **(Indexed in SCI and SCOPUS)**.
- **Peerzada Mosir Shah**, Niharika Gupta (2016) Analysis of Speed Parameters of Mixed Traffic Flow on the Sections of Arterial Streets (Jalandhar and Chandigarh Cities). "Indian Journal of Science and Technology". https://doi.org 10.17485/ijst/2016/v9i47/105273

Book Publication

- Peerzada Mosir Shah (2024) Nanomaterials in Pavement Engineering "Lambert Academic Publishing" ISBN 9786207-475865

Conference Papers

- Analysis of Speed Parameters of Mixed Traffic Flow on the Sections of Arterial Streets (Jalandhar and Chandigarh Cities) at the national conference on technical advancements in civil engineering organized by civil engineering, lovely professional university, Punjab

- Performance Evaluation of Graphene/SEBS on the Properties of Asphalt Binder at the Global Summit on 2D Materials and Graphene Technology held on September 17th, 2024

Courses Taught

Subject	Position	Level
Pavement Analysis and Design	Assistant Professor, LPU	Post Graduate Students
Pavement Laboratory	Assistant Professor, LPU	Post Graduate Students
Traffic Engineering	Assistant Professor, LPU	Post Graduate Students
Pavement Materials	Assistant Professor, LPU	Post Graduate Students
Pavement Laboratory	Teaching Assistant NIT Srinagar	Post Graduate Students
Pavement Laboratory	Teaching Assistant NIT Srinagar	Under Graduate Students
Estimation and Costing	Assistant Professor SIT Kolhapur	Under Graduate Students
Infrastructure Engineering	Assistant Professor SIT Kolhapur	Under Graduate Student

Awards

Year	Fellowship Description	Type
2012	Scholarship of Rs 80,000/- per annum from Lovely Professional University in engineering course	Fellowship
2017	Ministry of Human Resources and Development (MHRD) Fellowship During PhD	Fellowship

Projects Undertaken

- Preparation and Evaluation of DPR's for state agencies, which includes conducting traffic surveys, geometric design and pavement design of highways
- Safety Audit for National Highway-44

Students Guided

- Investigating the use of Graphene/SEBS on the rheological performance of asphalt binder (Post-Graduate Project at National Institute of Technology Srinagar)
- Use of Crumb Rubber to enhance the properties of asphalt binders/mixes (Post-Graduate Project at National Institute of Technology Srinagar)
- Study on rheological and ageing properties of EVA modified asphalt binder (Post-Graduate Project at National Institute of Technology Srinagar)
- Influence of various types of polymers on the properties of asphalt binder/mixes (Post-Graduate Project at National Institute of Technology Srinagar)

FDP's Attended/ Online Webinar

- Peerzada Mosir Shah participated in one week **Faculty Development Program** on "Advancements in Civil Engineering" approved by **Indian Society for Technical Education** held on 23 August, 2022 to 27 August 2022
- Peerzada Mosir Shah participated in one week **Faculty Development Program** on "Advanced Softwares in Civil Engineering" approved by **Indian Society for Technical Education** held on 26 December, 2023 to 30 December 2023
- Peerzada Mosir Shah participated in one week **Faculty Development Program** on "Advancements in Concrete Technology and Emerging Trends in Construction" in association with **Indian Chapter of American Concrete Institute (ACI)** held on 03

January, 2023 to 07 January 2023

- Peerzada Mosir Shah participated in one week **Faculty Development Program** on "Building and Planning using AUTOCAD" organized by SkillDzire in collaboration with AICTE held on 04-October-2024

Skills and Techniques

- Dynamic Shear Rheometer to understand rheological behaviour of aged as well as unaged asphalt binder.
- Brookfield Viscometer to understand viscosity behaviour of asphalt binder
- Four Point Bending Beam apparatus to analyse the fatigue behaviour of asphalt mixture.
- Asphalt Mixture performance Tester (AMPT) apparatus to understand the dynamic modulus behaviour of asphalt mixture.
- Extensive knowledge of all Microsoft Office Programs.
- Fair knowledge of AUTOCAD, SPSS, Origin

Academic Identity

- ORCID: https://orcid.org/my-orcid?orcid=0000-0003-3885-8566
- SCOPUS ID: https://www.scopus.com/authid/detail.uri?authorId=57215020372
- RESEARCH GATE: https://www.researchgate.net/profile/Peerzada-Shah

Personal Details

Date of Birth: February 09th, 1993

Fathers Name: Mr. Peerzada Abdul Rasheed Shah

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Peerzada Mosir Shah

References

1. Prof. Mohammad Shafi Mir

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2. Prof. M.A.Ahanger

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3. Prof. Abdullah Ahmad

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