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QAZI JUNAID ASHRAF
Assistant Professor
Department of Mechanical Engineering
Institute of Technology
University of Kashmir
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INTRODUCTION

- ❖ Jan 2022 – Present, PhD student, Department of Mechanical Engineering, NIT Srinagar.
- ❖ May 2017- Present, **Assistant Professor**, Department of Mechanical Engineering, Institute of Technology, University of Kashmir.
- ❖ Oct 2017- June 2021, **Coordinator**, Department of Mechanical Engineering, Institute of Technology, University of Kashmir.
- ❖ Dec 2016 - April 2017, **Graduate Teaching Assistant/PhD Student**, Department of Applied Mechanics, IIT Delhi.
- ❖ Dec 2015 - June 2016: **Research Assistant**, Mechanical Metallurgy Division, Fatigue Studies Section, Indira Gandhi Centre for Atomic Research Kalpakam Chennai.
- ❖ Aug 2014 - July 2016 **M. Tech Mechanical System Design**, National Institute of Technology Srinagar.
- ❖ March 2014 - July 2014: **Lecturer** (Contractual), NIT Srinagar.
- ❖ March 2014: **GATE 2014**. IIT Khargpur.
- ❖ Oct 2008 –Oct 2012: **B.E Mechanical Engineering**, University of Kashmir.

ACADEMIC QUALIFICATION

- ❖ **M.Tech Mechanical System Design** from National Institute of Technology Srinagar. CGPA 8.3 (83 %)
- ❖ **B.E Mechanical Engineering** from University of Kashmir, 70%.

RESEARCH INTERESTS

- ❖ Mechanics of solids, Fracture Mechanics, Fatigue, Creep, Creep Fatigue Interaction, Mechanics of composite Materials, Mechanical Vibrations.

PROFESSIONAL EXPERIENCE

- ❖ **Assistant Professor**, Department of Mechanical Engineering, Institute of Technology, University of Kashmir.
- ❖ **Teaching Assistant**- Indian institute of Technology Delhi, (**IIT Delhi**).
- ❖ **Lecturer** (Contractual) - National Institute of Technology Srinagar, (**NIT Srinagar**)

COURSES TAUGHT

- ❖ Engineering Thermodynamics.
- ❖ Fundamentals of Dynamics.
- ❖ Fracture Mechanics.
- ❖ Theory of Machines.
- ❖ Fluid Mechanics & Hydraulic Machinery.
- ❖ Material Science.
- ❖ Mechanical Vibrations.
- ❖ Machine Design.
- ❖ Engineering Mechanics.

ADMINISTRATIVE POSITIONS/MEMBERSHIP OF COMMITTEES HELD

- ❖ Coordinator, Department of Mechanical Engineering, Institute of Technology, University of Kashmir. (Oct 2017- June 2021)
- ❖ Incharge Examinations, Department of Mechanical Engineering, Institute of Technology, University of Kashmir. (Oct. 2017- Nov. 2020)
- ❖ Incharge Mechanical Vibrations Lab, Department of Mechanical Engineering, Institute of Technology, University of Kashmir. (Oct. 2017- Present)
- ❖ Incharge Theory of Machines Lab, Department of Mechanical Engineering, Institute of Technology, University of Kashmir. (Oct. 2017- Present)
- ❖ Member, Technical Advisory cum Examination Committee, Srinagar Smart City Limited, Govt of J&K. (2021)
- ❖ Member, Committee for examining the matters regarding 'Procurement of Machinery Tools and Equipments for B.Voc. Degree programme(s) under DDUK Kendra (2021).
- ❖ Member, Board of Studies for BE/B. Tech programme (Mechanical Engineering) University of Kashmir (2017 & 2020)
- ❖ Member, Board of Studies for M. Tech programme (Design Engineering) University of Kashmir (2021)
- ❖ Member, Board of Studies for M. Tech programme (Mechanical Engineering) University of Kashmir (2018 & 2019)
- ❖ Member, Institute Purchase Committee, Institute of Technology, University of Kashmir. (Oct 2017- June 2021)

PUBLICATIONS

- ❖ **Ashraf Q.J**, Prasad Reddy G.V, Sandhya R, Laha K, Harmain G.A. "Simulation of low cycle fatigue stress-strain response in 316LN stainless steel using non-linear isotropic kinematic hardening model— A comparison of different approaches". Fatigue & Fracture of Engineering Materials & Structures. 2017.
- ❖ Azher Jameel, **Qazi Junaid**, Suhail Ahmed, "Large Sliding Frictional Contact Problems by a Penalty Based Approach", International Journal of Innovative Technology and Exploring Engineering, 2014.

WORK SHOPS/ SHORT TERM COURSES ATTENDED

- ❖ Attended one day workshop on “**Recent Advances in Nano science & Technology**” organised by Department of Physics, Shri Pratap College in collaboration with J&K State Science Technology & Innovation Council Srinagar, on 06-10-2018 (1 Day).
- ❖ Attended four weeks “**82nd General Orientation Course**” at the Human Resource Development Center, University of Kashmir, Hazratbal, from 25-02-2019 to 26-03-2019 (4 weeks).
- ❖ Attended one day workshop on “**Plagiarism - An Opportunity to Learn, Teach & Excel**” organised by Department of Bioresources, University of Kashmir in collaboration with Turnitin, on 24-06-2020 (1 Day).
- ❖ Attended TEQIP III sponsored one week online short-term course on “**Non-Destructive Testing & Evaluation**” organised by Department of Mechanical Engineering, NIT Srinagar, from 26-10-2020 to 30-10-2020 (1week).
- ❖ Attended AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “**Non-Destructive Testing and Evaluation**” organised by Department of Mechanical Engineering, NIT Srinagar, from 26-07-2021 to 30-07-2021 (1week).

DECLARATION

I hereby declare that the above information is true to the best of my Knowledge.

Signature: Qazi Junaid Ashraf

Date: 15.01.2022

REFERENCES

1. Prof. (Dr.) G.A.Harmain.
Professor.
Department of Mechanical Engineering.
NIT Srinagar 190006, India.
E-mail ID: gharmain@nitsri.net
2. Dr. G.Vara Prasad Reddy.
Scientist & Head.
Creep Studies Section.
Materials Development and Technology Division.
Indira Gandhi Centre for Atomic Research.
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