



ASAF HANIEF KOHLI | Lecturer

Department of Mechanical Engineering
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CURRENT DESIGNATION/ INVOLVEMENT

Currently working as a **Lecturer** in **The Department of Mechanical Engineering, Maulana Azad National Urdu University Polytechnic Kadapa**, Andhra Pradesh, India.
Also, pursuing PhD in part time mode from the **Department of Mechanical Engineering at National Institute of Technology Srinagar**.

AREA OF SPECIALIZATION

- Manufacturing,
- Friction Stir Welding
- Surface Processing
- Electric Discharge Machining (EDM, WEDM)
- Material Characterization
- Plasma Nitriding
- Coatings

ONGOING ACADEMIC RESEARCH/PROJECTS

- Pursuing **PhD** in part time mode at **NIT Srinagar**.
- Characterization of AISI H13 Die Steel
- Scratch resistance of coated Plasma Nitrided die steel

ACADEMIC AND ADMINISTRATIVE EXPERIENCE

Four years of teaching and research experience

- Research Scholar at NIT Srinagar from April 2019 till now
- Lecturer in the Department of Mechanical Engineering from December 2019 to till now.
- Coordinator Student welfare Committee
- Coordinator Student Redressal and Anti ragging Committee
- Sports Coordinator
- Member of GeM purchase Committee.

EDUCATIONAL QUALIFICATION

- Pursuing PhD in part time mode at **NIT Srinagar** (Batch 2019..)
- M. E in Mechanical Engineering (Manufacturing Technology) from National Institute of Technical Teachers Training and Research, Chandigarh (Batch 2016- 2018).
- B. Tech (Mechanical Engineering) from National Institute of Technology Srinagar (Batch 2010- 2014)

PROJECTS

- B.Tech project, Title: **“Wall climbing using suction utility kit”.**
M. Tech dissertation, Title: - **“Fabrication of Corrosion resistant biomaterial by Friction Stir Processing”.**
Ph.D pursuing, Topic:- **“Wear Characterization of Coated and Plasma Nitrided H13 Tool Steel”.**

DETAILS OF CONFERENCE/ FDP/STC (ATTENDED/PRESENT ED)

1. International Conference on Advances and Soft Computing Applications in Design and Manufacturing (ASCADM-2018) **04th - 06th June 2018.**
2. 2nd International Conference on Industrial and Manufacturing Systems (CIMS-2021) **11th -13th November 2021.**
3. Short Term Course on **“Pinch technology: A heat exchanger Network analysis tool”** at NIT Srinagar **29th July -2nd August 2019.**
4. Industrial Training for Faculty members of three weeks from **16th Nov to 05th Dec 2020**
5. 1 Week Short Term Course on **“Additive Manufacturing”** at NITTTR Chandigarh **09th May -13th May 2022.**
6. 1 Week Short Term Course on **“Advanced Pedagogy”** at NITTTR Chennai **29th August -03rd Sept 2022.**

DETAILS OF PUBLICATIONS.

1. *A. Hanief Kohli, P. Sudhakar Rao and J.P. Misra* **“A Review on Friction Stir Processing of Magnesium Alloys”** vol. 7 of proceeding of ASCADM NIT Patna -2018; P.N 432-428.
2. *Asaf Hanief Kohli and P. Sudhakar Rao.* **“A review on Friction stir processing”** International Journal of Technical Innovation in Modern Engineering & Science (*IJTIMES*) vol. 4 issue no. 7, July-2018.
<https://www.ijtimes.com/IJTIMES/index.php/ijtimes/article/view/1319>
3. *Asaf Hanief Kohli, P. Sudhakar Rao and J.P. Misra.* **“Friction stir processing of Zamak Z5 Zinc alloy sheets”** International Journal of Technical Innovation in Modern Engineering & Science. vol. 4 issue no. 7, July-2018.
<https://www.ijtimes.com/IJTIMES/index.php/ijtimes/article/view/1268>
4. *Asaf Hanief Kohli, Mohd Hanief and Vishal jagota;* **“A retrospection of the effect of nitriding process on the AISI H13 steel”** Journal of Advances in Materials and Processing Technologies”, Taylor & Francis (SCOPUS, ESCI).
<https://doi.org/10.1080/2374068X.2022.2093012>
5. *Asaf Hanief Kohli and Vishal Jagota.* “Effect of friction stir processing on microhardness of Zinc alloy”: under process.

PROFESSIONAL MEMBERSHIPS

- Orcid
- Research gate
- National Digital Library of India
- MOOCS
- LinkedIn
- Vidwan
- EasyChair
- ISTE

Date: 29th Feb 2024

Place: Kadapa



Mr. Asaf Hanief Kohli

LecPturer MANUU Polytechnic Kadapa.