

MD TAHSIN AKHTAR (M. Tech)
Assistant Professor

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Professional Qualification:

- **Master of Technology (Material Engineering), 2019**
Jadavpur University, West Bengal
- **Bachelor of Technology (Mechanical Engineering), 2013**
Greater Noida Institute of Technology, Uttar Pradesh Technical University, Lucknow, UP

About me: Detailed-oriented graduate researcher with experience in fundamental aspects of metal welding and joining of automotive steel, neural network tool through Matlab, mechanical testing of GI and PE pipes.

Citation Analysis:

236 citations (h-index 9 and i10-index 8) in google scholar

<https://link.springer.com/article/10.1007/s11665-021-06367-y>

List of Publication: 01

Journal Publications:

Journal Name: Materials engineering and Performance on 29th October 202, titled “Effect of secondary coating on weldability, joint performance and electrode life in resistance seam welding of galvanized interstitial free steel”.

Research and Scholarly Contributions:

- **M. E. Research:** Resistance spot and seam welding of automotive fuel tank grade steels.

Funding Received: TEQIP-III

Software Tools:

1. MS-Office, Origin 9.0, Image J,
2. Artificial Neural Network (NN tool) through Matlab,
3. AutoCAD.
4. Thermocalc

Experience:

- More than four years of experience in both industrial (mechanical engineer in Mahanagar gas limited,

Mumbai) as well as Academics (Research Associates in the combined project of R&D, Tata Steel, Jamshedpur and the metallurgical and material engineering department, Jadavpur, Kolkata under the guidance of Dr. Mahadev Shome and Dr. Amrita Kundu Respectively).

Responsibilities Handled:

- Taught industrial concept of steel to ME students.
- Performed welding projects of resistance spot and Seam Welding (RSW & RSeW) of Automotive grade steel.

Declaration

I hereby declare that the foregoing information are correct and complete to the best of my knowledge.

Md Tahsin Akhtar

Place: Navi Mumbai