

**HARSIMRAN SINGH****E-mail:** Simranbirru@gmail.com**Mobile:** +91 9622260357**Address:** H.No-90, Sector-1, Lane No-1,
Preet Nagar, Jammu. 180010**Experience:**

Working as Assistant professor (A.A) in Mechanical Engineering Department from November 10, 2020 to present at Government College of Engineering and Technology, Chak Bhalwal, Jammu and Kashmir.

Educational Qualifications:

| Qualification | Institution | Board/University | Year of passing | %age |
|----------------------------------|--|---|-----------------|--------|
| M.Tech. (CAD/CAM, Regular) | Baba Banda Singh Bahadur Engg. College, Fatehgarh Sahib | I.K Gujral Punjab Technical University | 2016 | 72.35% |
| B.Tech. (Mechanical) | Baba kuma Singh Ji Engg. College, Amritsar | Punjab Technical University | 2011 | 67.45% |

Publications:

1. Singh, H., Singh, S. and Singh, T., 2018, "Analysis of Surface Topography of Al/Al₂O₃ MMC Machined during WEDM", International Journal of Scientific and Technical Advancements, Volume 4, Issue 1, pp. 157-160, 2018.
2. Singh, S., Thappa, S., Singh, H., Singh, T., 2018, "Various Roughness Geometries used in Solar Air Heater – A Review", International Journal of Scientific and Technical Advancements, Volume 4, Issue 1, pp. 151-156, 2018.
3. Singh, H. and Kumar, H., 2017, "Effect of Input Process Parameters on Cutting Speed for Al/Al₂O₃ MMC in Wire EDM", International Journal for Research in Applied Science & Engineering Technology, Volume 5 Issue XI, ISSN: 2321-9653.
4. SINGH, H. and KUMAR, H., 2015, "REVIEW ON WIRE ELECTRICAL DISCHARGE MACHINING (WEDM) OF ALUMINUM MATRIX COMPOSITES", International Journal of Mechanical and Production Engineering, Volume- 3, Issue-10, doi-3135

Details of Studies:**Specialization in M.Tech:** CAD/CAM.**Title of Dissertation in M.Tech:** Experimental investigation on wire cut electric discharge machining of Al₂O₃/Al-Metal matrix composite.**Technical Skills:**

- Software Skills: - Pro-E, NX Cam, Solid Works.
- PLC Ladder Programming using FESTO Software (FESTO COMPACT).
- Application Packages: MS Office.

Trainings and Achievements :

- Faculty development program (FDP) for Student Induction Program conducted by AICTE, New Delhi and organized by SLIET, Sangrur from 20th to 26th July, 2018
- Training Workshop for Faculty-Mentors on Induction Programme for New Students, Conducted by NPIU, MHRD New Delhi, Organized by PEC University of Technology, Chandigarh from 22nd -24th September, 2017
- Faculty development program on Human values and professional ethics held at IIT KANPUR from January 16 to 22, 2013.
- Successfully passed online test from USA in Basic Design in Creo Elements/Pro 5.0 at GNA- IMT Phagwara

Date: 19-07-2022

(Harsimran Singh)