



**Prof. (Dr.) Harjot Singh Gill** is working as a Professor and serving as Head of the Department of Mechatronics Engineering at Chandigarh University, Punjab with more than 10 years of overall teaching experience. He did his PhD, Masters and Bachelors in mechanical Engineering from Punjab Technical University, Jalandhar. His area of research includes 3D Printing, Surface Engineering, Synthesis of Nano-particles; Tribology of Composites; Machine Design.

## PROJECTS / GRANTS

- Small Scale wind turbine generator optimized for low wind speeds funded by Department of Science and Technology, New Delhi.
- Earth powered Light funded by Department of Science and Technology, New Delhi.
- International conference on Synthesis, Characterization & Processing of Inorganic, Bio and Nano Materials funding of Rs. 7,00,000/- by Indo-U.S. Science and Technology Forum (IUSSTF)
- DBT Skill Vigyan Centre funding of Rs. 34,80,000/- by Department of Bio Technology, New Delhi. • Skill courses funding by Punjab Skill Development mission
- Unmanned electric car
- Low cost 3D printer
- Gesture operated mouse
- CANSAT – Competition held at Texas, USA (23rd Position all over world, 4th in India)

PUBLICATIONS	BOOKS	PATENTS FILED – 09
<ul style="list-style-type: none"> <li>• Papers in International Journals - 16</li> <li>• Papers in International Conference - 04</li> <li>• Papers in National Conference – 15</li> </ul>	<ul style="list-style-type: none"> <li>• Published – 02</li> <li>• Edited -0</li> </ul>	<p><b>SUPERVISOR</b></p> <ul style="list-style-type: none"> <li>• Ph.D enrolled – 05</li> <li>• Students M.E completed -04</li> <li>• M.E enrolled - 03</li> </ul>

## **AWARDS & HONORS**

- Award for Best faculty of the Department in year 2017
- Award for Best contribution in research project grants in year 2018
- Established Robotics and Automation Lab
- Robotics Centre of Excellence (In Process)
- MOU with Texas Instruments for Texas University Program
- Working actively with Technology Business Incubator
- Award for Leadership in Institution building 2020
- Awards for Best Leadership 2021