

**Department:** Mechanical Engineering

**Name of the Event/MOU:** Industrial visit Report on MOU" HB Industry Unit II Jalandhar" and Department of Mechanical Engineering, DAV University Jalandhar.

**Date of the Event:** 20th September, 2024

**Name of the Resource Person (if applicable):** Er Ajay Raj, HB Industry Unit II Jalandhar

**Teacher Coordinator:** Mr Ved Raj Khullar, Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar

Dr Sumit Nijjar Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar

**Report:**

**The 2nd year students of B Tech Mechanical Engineering, Department of Mechanical Engineering, DAV University Jalandhar visit to HB Industry Unit II Jalandhar.**

**HB Industries Unit II** is ISO 9001:2015 Certified Company, owned by HB Group. The Unit manufactures Precision Machined Castings. HB Group is in the foundry business since 1976. HB's core competency lies in achieving material grades with greater accuracy and precision in machining to closer tolerances. The Unit is spread over an area of 70,000 sq ft with an installed monthly capacity of 1000 Metric Tonnes. The foundry plant is DISA engineered with DISA make automatic sand plant, DISA Arpa 450 machines and Disa automatic shot blast machines, Multiple Cold Box Machines, Multiple Core Shooter machines. The unit also has in house machining facilities with a wide range of machines like HMC, VMC, VTL, CNC, Broach Machines, Honing Machines, Lathes, Milling Machines & Radial drills. Quality department covers complete Sand Lab, Metallurgical Lab with Spectrometer & Image Analyser, Physical Testing Lab, CMM & wide range of checking aids. We have invested and developed a skilled, dedicated workforce with an overall focus on lean operations and waste elimination.

Product Capability: Machined Graded Castings in Ductile Iron, Cast Iron & Malleable Iron: Housing of all kinds, Flywheels, Wheels Hubs, Differential Carrier, Bearing Caps, Cages, Clutch, Actuator Guides, Shift Carrier, Pedestals, Brake Drums, Pump Body, Valves, Pipe Fittings & Scaffolding


Department of Mechanical Engineering pleased to announce the successful and knowledgeable completion of a one-day industrial visit program at HB Industry Unit II Jalandhar.

Department deepest gratitude extends to Vice Chancellor, Prof. Manoj Kumar, Dr R K Seth Dean Science and Engineering, Department coordinator, Dr Sharanjit Singh for their unwavering support and confidence in organizing and arranging the industrial visit. Special acknowledgment goes to Mr. Ved Raj Khuller (AP) and Dr Sumit Nijjar (AP) the faculty coordinator for visit, for their exceptional dedication and coordination.

Department would also like to commend all shop in charge and Heads of HB Industry for nurturing such disciplined and punctual visit for students. Their guidance and efforts have been invaluable in shaping these young professionals.

A sincere thanks to Er. Ajay Raj, Plant Head at HB Industry, for their diligent efforts in training these young minds. Your commitment and expertise have significantly contributed to the success of this visit.

We look forward to continuing this fruitful collaboration in the future.



**Department of Mechanical Engg.  
D.A.V. University, Jalandhar**


Reference No. DAVU/MEC/131 19-9-2024

To  
Dean (Science and Engineering)  
DAV University,  
Jalandhar

**Subject: Industrial visit at HB Industry Unit II Jalandhar.**

Respected Sir,

This is to submit that it is proposed to conduct an industrial visit at **HB Industry Unit II Jalandhar**, on 20<sup>th</sup> September, 2024. Students from Mechanical Engineering department will be accompanied by two faculty members. The HB Industry allows us to visit the same. Permission may please be granted for industrial visit. Also, please make arrangement for bus facility to the visiting team.

Regards  
  
Ved Raj, Jalandhar

Department of Mechanical Engg.  
DAV University

*Kindly allow us  
- Sir  
1st 7.*

**Geotagged Pictures of the event:**





S. No.	Name	ID No.	Designation/Department	Signature
1	Ved Raj	10189	A.P.	
2	Sumit Nigam	11186	A.P.	
3	Shravan Singh	11187	A.P.	
4	Sandeep Singh	12401566	B.Tech. Mech.	
5	Harshit Singh	12401567	B.Tech. Mech.	
6	Harshit Singh	12401568	B.Tech. Mech.	
7	Harshit Singh	12401569	B.Tech. Mech.	
8	Harshit Singh	12401570	B.Tech. Mech.	
9	Harshit Singh	12401571	B.Tech. Mech.	
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Total No. of participants: 9

Sign with Hand & Employee ID of Faculty

*(Signature)* 10189  
Ved Raj  
20/09/2024

*(Signature)* 10187  
Shravan Singh  
20/09/2024

1. Entrepreneurial Opportunities
2. Design and Development