

**Department:** Mechanical Engineering

**Name of the Event:** Workshop on IC Engines by Mr. Vipin Bansal, Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar and Dr. Sumit Nijjar, Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar on National Science Fest 2025.

**Date of the Event:** 27-28th Feb, 2025

**Name of the Resource Person (if applicable):** Mr. Vipin Bansal, Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar and Dr. Sumit Nijjar, Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar.

**Teacher Coordinator:** Mr. Vipin Bansal, Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar and Dr. Sumit Nijjar, Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar.

**Report:**

On February 2, 2025, the Mechanical Engineering department conducted a workshop on IC Engines. The resource person for the workshop was Mr. Vipin Bansal and Dr. Sumit Nijjar. A total of 16 students participated from various streams, including B.Tech in Mechanical, Electrical Engineering, BBA, and BA LLB. The workshop covered both theoretical and practical aspects, discussing the construction and operation of 2-stroke and 4-stroke petrol and diesel engines. At the end, a quiz was conducted, and feedback was collected from the students.

**Geotagged Pictures of the event:**





Attendance Sheet of Trainers containing name of the event, department, type of the event, date on the top of the attendance sheet.



**DAV UNIVERSITY JALANDHAR**  
**NATIONAL SCIENCE DAY**  
Feb. 27, 2025  
(Attendance Sheet)

Name of the Event: WORKSHOP ON IC ENGINES

Sr. No.	Student Name	Institute Name	Class	Signature
1.	HANSPREET SINGH SANDHU	DAV UNIVERSITY	B.TECH MECH (1 <sup>st</sup> Sem)	<i>Hanshu</i>
2.	PREETSHAN SINGH	DAV UNIVERSITY	B.TECH MECHANICAL (4 <sup>th</sup> Sem)	<i>Shaan</i>
3.	GAGANPREET SINGH	DAV UNIVERSITY	B.TECH (2 <sup>ND</sup> SEM) MECHANICAL	<i>Gatagh</i>
4.	VAIBHAV	DAV UNIVERSITY	B.TECH (2 <sup>ND</sup> SEM) ELECTRICAL	<i>Vaibhav</i>
5.	GUNTAJ PREET SINGH	DAV UNIVERSITY	B.TECH (2 <sup>ND</sup> SEM) MECHANICAL	<i>Guntaj Singh</i>
6.	HARPREET SINGH	DAV UNIVERSITY	B.TECH (2 <sup>ND</sup> SEM) MECHANICAL	<i>Harpreet Singh</i>
7.	NIXANDEEP SAINI	DAV UNIVERSITY	B.TECH (8 <sup>th</sup> SEM) MEC.	<i>Nixan</i>
8.	PARAMVEER SINGH	DAV UNIVERSITY	B.A.LLB (4 <sup>th</sup> Sem)	<i>Param</i>
9.	Gursharan Singh	DAV UNIVERSITY	B.B.A (4 <sup>th</sup> Sem)	<i>Gursharan</i>
10.	NAVISH SINGH	DAV UNIVERSITY	B.TECH MECH.	<i>Navish Singh</i>
11.	SAHIL PREET	DAV UNIVERSITY	B.TECH MECH.	<i>Sahilpreet</i>
12.	Sameet Singh	DAV University	B.Tech Mech.	<i>Sameet Singh</i>
13.	Himanshu	DAV University	B.Tech Mech	<i>Himanshu</i>
14.	Pardeep Kumar	DAV University	B.Tech (Mech)	<i>Pardeep Kumar</i>
15.	Pardeep Singh	DAV University	B.Tech (Mech)	<i>Pardeep</i>
16.	Sachin Sharma	DAV University	B.Tech (Mech)	<i>Sachin</i>

*Handwritten signatures and dates:*  
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**DAV UNIVERSITY JALANDHAR**  
**NATIONAL SCIENCE DAY**

Feb, 27, 2025

Registration Form  
Event Name LOGBOOK ON I.C. ENGINES

Sr. No.	Student Name	Institute Name	Class	Mobile No.
1.	HANSPREET SINGH SANDHU	DAV UNIVERSITY	B.TECH MECHANICAL (4th sem)	9056451312
2.	PREETSHAN SINGH	DAV UNIVERSITY	B.TECH MECHANICAL (4th sem)	8196814431
3.	GAGANPREET SINGH	DAV UNIVERSITY	B.TECH MECHANICAL (4th sem)	7710160875
4.	VAIBHAV	DAV UNIVERSITY	B.TECH MECHANICAL (4th sem) ELECTRICAL	9478330997
5.	GUNTAZPREET SINGH	DAV UNIVERSITY	B.TECH MECHANICAL (4th sem)	7681467523
6.	HARPREET SINGH	DAV UNIVERSITY	B.TECH CIVIL (4th sem)	8437176600
7.	NIXANDEEP SAINI	DAV UNIVERSITY	B.TECH MECHANICAL (4th sem)	7658096036
8.	PARAGVEER SINGH	DAV UNIVERSITY	B.TECH (4th sem)	9928242029
9.	GAURSHANVIR SINGH	DAV UNIVERSITY	B.B.A (4th sem)	8927068273
10.	NAVATISH SINGH	DAV UNIVERSITY	B.TECH MECH. (4th sem)	9836694680
11.	SANUL PREET	DAV UNIVERSITY	B.TECH MECH. (4th sem)	7087143394
12.	Sommeet Singh	DAV University	B.Tech Mech (4th sem)	9041022389
13.	Hiranshu	DAV University	B.Tech Mech (4th sem)	6283904469
14.	Randeep Kumar	DAV University	B.Tech (Mech) 6th sem	6280641372
15.	Randeep Singh	DAV University	B.Tech (Mech) 6th sem	9472816048
16.	Sachin Sharma	"	"	"

**Learning Outcomes:**

1. Understand the basic principles of internal combustion.
2. Compare and contrast the characteristics of petrol and diesel engines.