

DAV UNIVERSITY

Empowering Students with 21st century Skills



EVENTS REPORT

FOR

Department of Mechanical Engineering

www.davuniversity.org

Department: Mechanical Engineering

Name of the Event: Expert lecture on "Entrepreneurial Opportunities in Rural India" by Mr. Sarbjit Singh Puri (Founder & CEO, Fateh Rural Pvt. Ltd., Mumbai)

Date of the Event: 17th Feb, 2023

Name of the Resource Person (if applicable): Mr. Sarbjit Singh Puri (Founder & CEO, Fateh Rural Pvt. Ltd., Mumbai)

Teacher Coordinator: Dr MP Garg, Associate Professor, Department of Mechanical Engineering, DAV University Jalandhar

Report:

The Department of Mechanical Engineering, in association with the Institution's Innovation Council, of DAV University, organised an expert lecture on 'Entrepreneurial Opportunities in Rural India'

On February 17, 2023, the Mechanical Engineering department, in collaboration with the Institution's Innovation Council, hosted an expert lecture on "Entrepreneurial Opportunities in Rural India" to raise awareness of the importance of integrating technology with traditional advertising methods. Sh. Sarabjit Singh Puri, founder and director of 'Fateh Rural Pvt. Ltd. and 'Green Orange HR Pvt. Ltd., was the resource person.

In the inaugural note, Dr. Sandeep Vij, President of the Institute Innovation Council at DAV University, welcomed the speaker and shared his views on entrepreneurial opportunities in India. He introduced the speaker to the audience and enlightened them about his work in rural India. Fateh Rural Pvt. Limited was founded in 2003 by him in his hometown of Bathinda.

Thereafter, the resource person, Sh. Sarabjit Singh Puri, started his presentation. He was more interested in interacting with the students and learning about their thoughts. He motivated the students to find the critical problem and work on the solution for it. He encouraged the students to start their own businesses and to collaborate. He asked the students to find the problems faced by rural India. He gave the example of the problem faced by farmers in Punjab in the cultivation of paddy and asked students to take initiative to solve it. In his lecture, he discussed various topics related to entrepreneurial opportunities in rural India, such as infrastructural development, health facilities, agriculture development, educational development, digital media and AI, market connectivity with the global world, agricultural processing, etc. He cited various examples in his presentation related to the topics discussed with the audience. He explains the basic mechanisms for starting a business, like identification of the target segment, level of problem solved, market competition, brand positioning, profitability, advertisement, and market support.

Vice Chancellor Dr. Manoj Kumar shared his views with the speaker and the audience. He stressed that this is the era of start-ups, and age is no barrier. He cited the examples of Oyo, Ola cabs, etc. He told the audience that India requires smart villages and that DAV University should serve as a startup incubator.

Dr. Lakhvir Kumar, a member, ARIIA, thanked the speaker for sparing his valuable time to motivate the students.

Geotagged Pictures of the event:



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

Learning Outcomes:

1. Entrepreneurial Opportunities
2. Design and Development

DAV UNIVERSITY JALANDHAR

DEPARTMENT OF MECHANICAL ENGINEERING (Attendance Sheet Format)

Name of event/expert talk/seminar/viva/workshop/STC/FDP/Industrial visit: Expert Talk

Date: 17/01/23 Venue/Room No: Conference Room: 22232

S. No.	Name	ID/Reg. No.	Designation/Branch/sem	Sign.
1	Harmanpreet Singh	11900263	B.Tech 8 th sem	Singh
2	Jashika Singh	11904562	1 1	Jashika
3	Rohini Kumar	11900997	1 1	Rohini
4	Hansika Singh	11901062	1 1	Hansika
5	Nandini Singh	12000170	1 1	Nandini
6	Jaipreet Singh	12001476	1 1	Jaipreet
7	Rohit Singh	12000856	1 1	Rohit
8	Anurag Mishra	11901432	1 1	Anurag
9	Banshi Singh	11900638	1 1	Banshi
10	Hemant Singh	11900940	1 1	Hemant
11	Mandeep Singh	12101348	B.Tech 6 th sem	Mandeep
12	Jyoti Bansal	12100254	B 11	Jyoti
13	Vikas	12000302	B.Tech (Mech)	Vikas
14	Vaibhav Mathur	12100056	B.Tech (Mech)	Vaibhav
15	Gaurav Sharma	12100401	B.Tech (Mech)	Gaurav
16	Darvinder Singh	12100366	B.Tech	Darvinder
17	Jyoti Singh	12100320	B.Tech	Jyoti
18	Amit Singh	12100247	B.Tech	Amit
19	Rohit	12101339	B.Tech	Rohit
20	Jaipreet Singh	12101195	B.Tech	Jaipreet
21	Ayush	12101114	B.Tech	Ayush
22	Niraj Singh	12100484	B.Tech	Niraj
23	Rohit Choudhary	12100049	B.Tech	Rohit
24	Chaitanya Mehta	12000422	B.Tech	Chaitanya
25	Chirag	12000595	B.Tech	Chirag
26	Anshu Singh	12000408	B.Tech	Anshu

Total No. of Students: 26

Sign. with Name & Employee ID of Faculty(s):

Dr. Anshu Singh

Department: Mechanical Engineering

Name of the Event: KSHITIZ 2023" Inter college competition at GNA University.

Date of the Event: 08 April, 2023

Name of the Resource Person (if applicable): B Tech Students participants- Munish Bhatia (12100856) B Tech Mech, Jaspreet Bansal (12100854) B Tech Mech, Tejveer Singh (12100320), Rahul (12101339) B Tech Mech, Vishal (12100215) B Tech EE, Kulbir Singh (12100225) B Tech EE.

Teacher Coordinator: Dr Sharanjit Singh, Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar, Ms Simran Kaur Assistant Professor, Department of Electrical Engineering, DAV University Jalandhar.

Report:

The B Tech students from Department of Mechanical Engineering and Electrical Department participated in Inter college competition KSHITIZ 2023 organized by GNA University

On 08 April, 2023, GNA University organized Inter college competition KSHITIZ 2023. In this competition total 13 different events are organized by different departments. Students from Mechanical Engineering department (Munish Bhatia, Jaspreet Bansal, Tejveer Singh, Rahul and Electrical Engineering Vishal and Kulbir Singh of DAV University participated in CAD contest and CNC simulator competition. Minish Bhatia and Jaspreet Bansal wins 1st prize and cash amount of Rs 5100 in CAD contest. Certificates are given to all the participants.

Vice Chancellor Dr. Manoj Kumar encouraged the students to participate more actively in these technical events. Dean Sciences & Technology Dr R K Seth also gave his blessings to the winner students.

Geo tagged Pictures of the event:





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



Event Venue & Coordinators Detail 8th April 2023

Sr.No.	Event Name	School	Venue	Coordinator
1	Business Quiz	GBS	201 A	Dr.Manpreet Kaur
2	Electro Hunt	SEDA-E	101 B	Ms.Puneet
3	Master Chef Competetion	SOH	SOH Kitchen	Mr.Sonu Kumar & Mr.Dhiraj Pathak
4	Punjabi Folk Dance (Group)	Cultural Club	Auditorium	Dr.Ranvir
5	Code Craze	SCS	208 B	Dr.Rajkamal
6	Digital Design Contest	SAM	407 A	Mr.Sahil & Ms.Preeti
7	Photography	SAM	Studio Room A	Ms.Dhvanee & Mr.Sushant
8	CAD Contest	SEDA-D	403 B	Mr.Prince & Mr.Diamond
9	CNC Simulator Competition	SEDA-D	106 B	Mr.Yogesh thakur & Mr.Surinder Singh
10	Gaming Mania	SEDA-E	209 & 210 B	Mr.Gagandeep Singh
11	Flight Simulation Competition	SEDA-E	305-306 B	Mr.Bharat
12	Design E India (Web Site Development)	SCS	308 B	Ms.Monika Sharma
13	Best out of Waste	SEDA-E	Civil Workshop	Mr.chandan

More info. Contact:- 9876122241-8264000840

THANKS FOR PARTICIPATING

'HAVE A GOOD DAY'

TFAM KSHITIZ 2023



Sri Hargobindgarh, Hoshiarpur Road,
Phagwara (Pb.) India
Phone : 01824-504999
E-mail : info@gna.university
Website : gna.university

Sr. No.....

Date..... 8/4/23

Received with thanks from..... DAY University Jalandhar

Son of / Daughter of..... Registration No.....

Faculty.....

Programme / Semester..... Roll No.....

Sum of Rupees.....

By Cash / DD No..... cash

Drawn on.....

On account of..... Kshatiz 23

Rs. 500/2

Signature

पंजाब एण्ड सिंध बैंक
Punjab & Sind Bank
पंजाब एंड सिंध बैंक
(भारत सरकार का उपक्रम / A Govt. of India Undertaking)

फावाड़ा, जी.टी.रोड, जिला क्यूथला-144402
PHAGWARA G.T.ROAD BRANCH, PHAGWARA (PUNJAB) - 144402
IFSC CODE: PSBS0000111

केवल तीन माह के लिए वैध
VALID FOR THREE MONTHS ONLY
08042023
D D M Y Y Y Y

Pay DAY University या धारक को or Bearer

रुपये Rupees Five Thousand one hundred only

अदा करें ₹ 5100-00

खाता नं.
A/c. No. 01111600000097

For GNA GEARS LIMITED

Authorized Signatory/ies
Please sign above

"क.वल.सं.सी.जी.एस. शाखाओं में सममूल्य पर देव"
"PAYABLE AT PAR AT ALL CBS BRANCHES ONLY"

⑈004641⑈ 144023712⑈ 600097⑈ 30

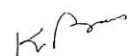


क्षितिज

INTER COLLEGE
COMPETITION

Certificate of Achievement

Congratulations to Mr./Ms. Munish Bhatia
of DAV University, Jalandhar
has got 1st position in CAD Contest event
held on 8th April, 2023.



Deputy Registrar



Vice Chancellor



President

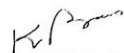


क्षितिज

INTER COLLEGE
COMPETITION

Certificate of Achievement

Congratulations to Mr./Ms. Jaspreet Bansal
of DAV University, Jalandhar
has got 1st position in CAD Contest event
held on 8th April, 2023.



Deputy Registrar



Vice Chancellor



President

Certificate of Participation

This is to certify that Mr./Ms. Munish Bhatia
of DAV University, Jalandhar
has participated in CAD Contest event
held on 8th April, 2023.

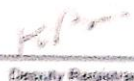

Deputy Registrar

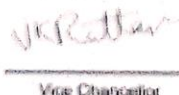

Vice Chancellor


President

Certificate of Participation

This is to certify that Mr./Ms. Jaspreet Bansal
of DAV University, Jalandhar
has participated in CAD Contest event
held on 8th April, 2023.

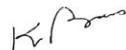

Deputy Registrar


Vice Chancellor


President

Certificate of Participation

This is to certify that Mr./Ms. Tajveer Singh
of DAV University, Jalandhar
has participated in CNC Simulator Competition event
held on 8th April, 2023.



Deputy Registrar



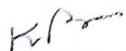
Vice Chancellor




President

Certificate of Participation

This is to certify that Mr./Ms. Rahul
of DAV University, Jalandhar
has participated in CNC Simulator Competition event
held on 8th April, 2023.



Deputy Registrar



Vice Chancellor



President

Learning Outcomes:

1. Entrepreneurial Opportunities
2. Design and Development

Department: Mechanical Engineering

Name of the Event: Expert lecture on "Use of CAD CAM concepts in 3D printing" by Dr. Vishal Gupta, Assistant Professor, Department of Mechanical Engineering, Thapar Institute of Engineering & Technology(Deemed to be University) Patiala - 147004

Date of the Event: 19th April, 2023

Name of the Resource Person (if applicable): Dr. Vishal Gupta, Assistant Professor, Department of Mechanical Engineering, Thapar Institute of Engineering & Technology(Deemed to be University) Patiala - 147004

Teacher Coordinator: Dr MP Garg, Associate Professor, Department of Mechanical Engineering, DAV University Jalandhar

Report:

The Department of Mechanical Engineering, organised an expert lecture on ‘Use of CAD CAM concepts in 3D printing

On April, 2023, the Mechanical Engineering department, hosted an expert lecture on “Use of CAD CAM concepts in 3D printing “to raise awareness and carrier opportunities in the CAD CAM and 3D Printing. Dr. Vishal Gupta, Assistant Professor, Department of Mechanical Engineering, Thapar Institute of Engineering & Technology(Deemed to be University) Patiala., was the resource person.

In the inaugural note, Dr. M P Garg, Associate Professor, Department of mechanical Engineering DAV University, welcomed the speaker and shared his views on entrepreneurial opportunities in India. He introduced the speaker to the audience and enlightened them about his work in CAD CAM..

Thereafter, the resource person, Dr. Vishal Gupta, started his presentation. He was more interested in interacting with the students and learning about their thoughts. He motivated the students to find the critical problem and work on the solution for it. He encouraged the students to start their own businesses and to collaborate. He asked the students to find the problems faced in the designing. He gave the example of the problem faced by designers in manufacturing and asked students to take initiative to solve it. In his lecture, he discussed various topics related to entrepreneurial opportunities in 3D printing, such as infrastructural development, health facilities, agriculture development, educational development, digital media and AI, market connectivity with the global world, agricultural processing, etc. He cited various examples in his presentation related to the topics discussed with the audience. He explains the basic mechanisms for starting a business, like identification of the target segment, level of problem solved, market competition, brand positioning, profitability, advertisement, and market support.

Dr. Sharanjit Singh, coordinator, Mechanical Engineering, thanked the speaker for sparing his valuable time to motivate the students.

Geotagged Pictures of the event:



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

DAV University			
Attendance Sheet			
Course Name: <u>Use of CAD/CAM Concept in 3D Part</u>		Program: B Tech. ME	
Date of Examination: <u>19-04-2023</u>		Room No: <u>CAD Lab</u> Section: <u>G115</u>	
Department: Mechanical Engineering			
S. No.	Name	Reg. No.	Sign.
1	Mohinder Pal Garg	Faculty	<u>Mr -</u>
2	Sharanjit Singh	Faculty	<u>SRZ</u>
3	Ved Raj Khullar	Faculty	<u>SRZ</u>
4	Hargopal Singh	"	<u>H Singh</u>
5	Jayprakash Singh	12001476	<u>SRZ</u>
6	Harmansh Singh	11900263	<u>SRZ</u>
7	Nardeep Sonar	12000170	<u>SRZ</u>
8	Subash Kumar Jha	11900769	<u>Subash</u>
9	Rohan Kumar	11900494	<u>Rohit Singh</u>
10	Jaskirat Singh	11900562	<u>Jaskirat</u>
11	Lovepreet	12100022	<u>Lovepreet</u>
12	Nirandeep Saini	12100484	<u>Niran</u>
13	Akash Singh	12100247	<u>Akash Singh</u>
14	Jyoti Singh	12100320	<u>Jyoti</u>
15	Devinder Singh	12100366	<u>Dev</u>
16	Vikas	12000202	<u>Vikas</u>
17	Vipin Bansal	Faculty	<u>Hansraj</u>
18	Harish Garg	Faculty	<u>Garg</u>
19	Sunil Nijjar	Faculty	<u>Sunil</u>
20			

10323 SRZ

To

17/4/23

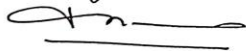
Dean (Science & Engg)
DAV University,
Jalandhar.

Subject: Guest Lecture

Sir,

This is to submit that it is proposed to conduct an expert lecture on "Use of CAD/CAM concepts in 3D printing" on 19/4/23 at 10:00 a.m. by Dr. Vishal ~~V~~ Gupta (TIET, Patiala). Kindly allow to conduct this lecture on zoom platform. There is no financial obligation for conduct of same.

Regards,



(Mohinder Pal Garg)
Associate Professor
Mechanical Engg.



Learning Outcomes:

1. Entrepreneurial Opportunities
2. Design and Development

Event Report

Dated: 29th Feb 2024

Department: Mechanical Engineering

Name of the Event: One day Workshop on “*Automation and Robotics*”

Date of the Event: 29th, Feb 2024

Name of the Resource Person (if applicable): *Mr. Jagpal Singh*, Sam Automation Technologies Pvt Ltd, Plot D-123, Phase 7, Industrial Area, Mohali-160055, Phone: 0172-2236911

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

Report:

The Department of Mechanical Engineering, organized One day Workshop on “*Automation and Robotics*”. On 29th, Feb 2024, the Mechanical Engineering department, hosted One day Workshop on “*Automation and Robotics*” to raise awareness and carrier opportunities in the *Automation and Robotics*. *Mr. Jagpal Singh*, Sam Automation Technologies Pvt Ltd, Plot D-123, Phase 7, Industrial Area, Mohali was the resource person.

In the inaugural note, *Mr. Vipin Bansal*, Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar, welcomed the speaker, fellow colleagues and the students and discuss the importance and objectives of workshop.

Thereafter, **Dr. R K. Seth**, Dean (Science and Technology), DAV University Jalandhar, welcomed the speaker and shared his views on practical situations that best suit the application of Robots. He also introduced the speaker to the audience and enlightened them about his work in the field of *Automation and Robotics*.

The resource person, Mr. Jagpal Singh, was more interested in interacting with the students and learning about their thoughts and impart them a theoretical as well as practical knowledge.

Theoretical aspects that were covered in workshop:

1. Discussion on Automation in today's scenario
2. Automation technologies
3. Myths surrounding automation
4. Robots – types, applications, their benefits
5. General case study to understand robotics
6. Introduction to Universal Robots – Robot Vs Cobot

Practical aspects that were covered in workshop:

1. Basic robot operations
2. Basic robot movements
 - a. Generate a basic program
 - b. Run the program graphically
 - c. Run the program in actual
 - d. Know about robot parts and terminology
3. Downside of robotics
4. Hands on practice in Robot programming

Dr. Sharanjit Singh, coordinator, Mechanical Engineering, thanked the speaker for sparing his valuable time to motivate the students.

Geotagged Pictures of the Event:





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

DAV UNIVERSITY JALANDHAR

DEPARTMENT OF MECHANICAL ENGINEERING (Attendance Sheet Format)

Name of event/expert talk/seminar/viva/workshop/STC/FDP/Industrial visit: Robotics & IoT

Date: 29/12/24 Venue/Room No: JAR Lab 105 Term: 2324 2

S. No.	Name	ID/Reg. No.	Designation/Branch/sem.	Sign.
1	Ved Raj	10189	A.P	<u>Ved Raj</u>
2	Palwinder Singh	10440	UG. Tech.	<u>Palwinder</u>
3	Shashijit Singh	10027	AP	<u>Shashijit</u>
4	Ashish L	12200158	B Tech (EE)	<u>Ashish</u>
5	Anshu Singh	12100247	B-Tech (ME)	<u>Anshu</u>
6	Yimanshu	12200698	B-Tech (ME)	<u>Yimanshu</u>
7	Jasmeet Singh	12200075	B-Tech (ME)	<u>Jasmeet</u>
8	Sachin Sharma	12200332	B. Tech (Mech)	<u>Sachin</u>
9	Pardeep Singh	12200446	B. Tech (Mechanical)	<u>Pardeep</u>
10	Pardeep Kumari	12201352	B.TECH (Mechanical)	<u>Pardeep K.</u>
11	Kulvir Singh	12100625	B.Tech (Electrical)	<u>Kulvir</u>
12	Tejveer Singh	12100320	B.Tech (Mech)	<u>Tejveer</u>
13	Jaspreet Mahay	12100130	B.tech (Civil engg)	<u>Jaspreet</u>
14	Tanisha Sharma	12100321	B.tech (Civil engg)	<u>Tanisha</u>
15	Karanpreet Singh	12100147	Botech (Civil engg)	<u>Karan</u>
16	Abhinandhan	12000546	Btech (Electrical)	<u>Abhinandhan</u>
17	Simran Kaur	12000839	Btech (Electrical)	<u>Simran</u>
18	Diksha	12101110	Btech (Electrical)	<u>Diksha</u>
19	Ayushi	12200491	Btech (Mech)	<u>Ayushi</u>
20	Sameer	12100220	B.TECH (Mech)	<u>Sameer</u>
21	Ayansh Chaudhary	12100184	B.TECH (Mech)	<u>Ayansh</u>
22	Rahul Choudhary	12100049	B. Tech (Mech)	<u>Rahul</u>
23	Kamwarjit	12201457	B. tech civil	<u>Kamwarjit</u>
24	Shivish	12200945	B. tech civil	<u>Shivish</u>
25	Ritik Sharma	12200586	B. tech civil	<u>Ritik</u>

Total No. of Students: 25

Sign. with Name & Employee ID of Faculty(s):



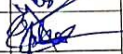

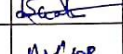

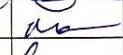
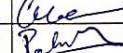
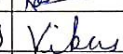
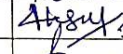

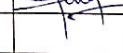
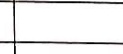


Ashish
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DAV UNIVERSITY JALANDHAR

DEPARTMENT OF MECHANICAL ENGINEERING (Attendance Sheet Format)

Name of event/expert talk/seminar/viva/workshop/STC/FDP/industrial visit: Automotive Technology

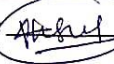
Date: 29/12/24 Venue/Room No: TAR 101 Term: 23242

S. No.	Name	ID/Reg. No.	Designation/Branch/sem.	Sign.
1	Harsh	12200114	B.Tech Civil	
2	Saksham	12200858	B.Tech Civil	
3	Yeshu Paul	12300716	"	
4	Hritik Paul	12300767	"	
5	Vinay	12200120	"	
6	Aravindh Dhilli	12200291	"	
7	Ashish	12200305	"	
8	Prityush Kumar	12200510	B.Tech (Electrical)	
9	Nipen Deepshumi	12100484	B.Tech Mech	
10	Gaurav Sharma	12100401	B.Tech (Mech)	
11	Rahul	12101339	B.TECH (Mech)	
12	Vikas	12000202	B.Tech (Mech)	
13	Vipan Bansal	10028	Asst. Prof.	
14	Sumit Nigjar	10186	Asst. Prof.	
15	Harish K. Garg	10026	Asst. Prof.	
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

Total No. of Students:

(15)

Sign. with Name & Employee ID of Faculty(s)



10026

Approval

Approval

1 message

Registrar <registrar@davuniversity.org>

Mon, Feb 19, 2024 at 10:12 AM

To: Vipin Bansal <vipin10028@davuniversity.org>

Cc: <academicaffairs@davuniversity.org>, Manohar Kumar <manohar214@gmail.com>, Sharanjit Singh <malhi.sharanjit@gmail.com>

Dear Mr Vipin

Reference to your request letter regarding organizing a one-day workshop on the Robotics module by SAM Solution and Machines on 28.02.2024. This is to inform you that the Competent Authority has approved your request for the same.

For arrangement of lunch for 4 persons, kindly contact Mr Manohar Lal.

With Regards

Prof (Dr) Sanjeev Kumar Arora
Registrar (Officiating)
DAV University, Jalandhar
(O) 0181-2708845

Learning Outcomes:

1. Design/development of solutions (PO -3)
2. Modern tool usage (PO – 5)
3. Individual and teamwork (PO –9)
4. Communication (PO – 10)

Feed Back:

<https://forms.gle/ybsHBm4FAY6J8vfGA>

Department: Mechanical Engineering

Name of the Event: Workshop on E Vehicles by Mr Ved Raj Khullar Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar and Dr Sharanjit Singh 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 Ved Raj Khullar Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar and Dr Sharanjit Singh Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar.

Teacher Coordinator: Mr Ved Raj Khullar Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar and Dr Sharanjit Singh Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar.

Report:

The Department of Mechanical Engineering organised a one-day workshop on EV Vehicles, dated: 27/03/2025.

The one-day workshop on Electric Vehicles (EVs) provided a comprehensive overview of the latest advancements, challenges, and opportunities in the EV industry. Designed for B. Tech. students the workshop covered key aspects of EV technology, infrastructure, and policy developments. The event began with an introduction to EV fundamentals, including battery technology, charging infrastructure, and powertrain components. Participants gained a deeper understanding of lithium-ion and emerging solid-state battery technologies, as well as innovations aimed at improving range and charging speed. A significant portion of the workshop will focus on the anatomy of an electric scooter. Experts will provide an in-depth breakdown of essential components such as the battery pack, motor, controller, and charging port. The battery pack, typically located under the scooter deck, serves as the primary power source, while the motor, usually positioned in the hub of the wheels, drives the scooter forward. The controller, often housed near the battery, regulates power flow between the battery and motor. Additionally, participants will learn about the braking system (disc, drum, or regenerative braking), suspension components, and display panels that provide speed, battery level, and diagnostic information.

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 EV

Sr. No.	Student Name	Institute Name	Class	Signature
1.	PREETSHAN SINGH	DAV UNIVERSITY	B.TECH MECHANICAL	Preetshansingh <u>Shans</u>
2.	HANSPREET SINGH SANDHU	DAV UNIVERSITY	B.TECH MECHANICAL	Hanspreet Singh <u>Handhu</u>
3.	GUNTAZ PREET SINGH	DAV UNIVERSITY	B.TECH MECHANICAL	Gunta Preet Singh <u>Santapal</u>
4.	HARPREET SINGH	DAV UNIVERSITY	B.TECH CIVIL	<u>Harpreet Singh</u>
5.	SAHIL PREET	DAV UNIVERSITY	B.TECH MECH.	<u>Sahil Preet</u>
6.	NAVISH SINGH	DAV UNIVERSITY	B.TECH MECH.	<u>Navish Singh</u>
7.	Vaibhav	DAV University	B.Tech (Mech)	<u>Vaibhav</u>
8.	Gurpreet Singh	DAV University	B.Tech (Mech)	<u>Gurpreet</u>
9.	Jasmeet Singh	DAV University	B.Tech (Mech)	<u>Jasmeet Singh</u>
10.	Himanshu	DAV University	B.Tech (Mech)	<u>H</u>
11.	NIXANDEEP SAINI	DAV University	B.Tech. Mechanical	<u>Nixan</u>
12.	Poojeet Kumar	DAV University	D.Tech (Mech)	<u>Poojeet Kumar</u>
13.	Paramveer Singh	DAV University	B.A.L.L. (Hons)	<u>P</u>
14.	Gursharan Singh	DAV University	B.B.A (4th sem)	<u>Gursharan</u>
15.	Kamalpreet Kaur	DAV University	B.Sc Maths (4th sem)	<u>Kamalpreet Kaur</u>

16) Poojeet Singh DAV University Post B.Tech (Mech) Sachin

Vedraj
 (10/10/2024)



DAV UNIVERSITY JALANDHAR
NATIONAL SCIENCE DAY

Feb. 27, 2025

Registration Form

Event Name Workshop ON EV

Sr. No.	Student Name	Institute Name	Class	Mobile No.
1.	PREETSHAN SINGH	DAV UNIVERSITY	B.TECH(MECHANICAL)	9196814421
2.	HANSPREET SINGH SANDBHU	DAV UNIVERSITY	B.TECH.MECH	9056451312
3.	GANATA PREET SINGH	DAV UNIVERSITY	B.TECH.MECH	7681967523
4.	HARPREET SINGH	DAV UNIVERSITY	B.TECH CIVIL	8437176600
5.	NAVISH SINGH	DAV UNIVERSITY	B.TECH MECH.	9876694680
6.	SANJIV PREET	DAV UNIVERSITY	B.TECH MECH.	7087143794
7.	YADHAV	DAV UNIVERSITY	B.TECH (ELEC)	9478330993
8.	GIGANPREET SINGH	DAV UNIVERSITY	B.TECH (MECH)	7119160975
9.	TARGET SINGH	DAV UNIVERSITY	B.TECH (MECH)	9041022329
10.	HIRAS KH	DAV UNIVERSITY	B.TECH (MECH)	6282904469
11.	ROHIT KUMAR	DAV UNIVERSITY	B.TECH (MECH)	6280641372
12.	NIXANDROP SAINI	DAV UNIVERSITY	B.TECH MECH	7658098038
13.	POORNIMA KHIL	DAV UNIVERSITY	B.A.LLO (CHEM)	9928742279
14.	CHANDHANVI SINGH	DAV UNIVERSITY	B.B.A (MGT)	8427068273
15.	KANUPREET KAU	DAV UNIVERSITY	B.Sc Maths (4 th sem)	7486540210
16.	ROHIT SINGH	"	B.TECH MECH (MECH)	9478816048
17.	SACHIN SHARMA	"	"	"

Learning Outcomes:

1. Entrepreneurial Opportunities
2. Design and Development

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 st Sem)	<i>Hanshu</i>
2.	PREETSHAN SINGH	DAV UNIVERSITY	B.TECH MECHANICAL (1 st Sem)	<i>Shaan</i>
3.	GAGANPREET SINGH	DAV UNIVERSITY	B.TECH MECHANICAL (2 nd Sem)	<i>Gatagh</i>
4.	VAIBHAV	DAV UNIVERSITY	B.TECH (2 nd SEM) ELECTRICAL	<i>Vaibhav</i>
5.	GUNTAJ PREET SINGH	DAV UNIVERSITY	B.TECH (2 nd SEM) MECHANICAL	<i>Gunraj</i>
6.	HARPREET SINGH	DAV UNIVERSITY	B.TECH (2 nd SEM) MECHANICAL	<i>Harpreet Singh</i>
7.	NIXANDEEP SAINI	DAV UNIVERSITY	B.Tech (3 rd Sem) MEC.	<i>Nixan</i>
8.	PARAMVEER SINGH	DAV UNIVERSITY	B.A.LLB (3 rd Sem) (Hons)	<i>Param</i>
9.	Gursharan Singh	DAV UNIVERSITY	B.B.A (4 th 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.	Samreet Singh	DAV University	B.Tech Mech.	<i>Samreet 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 initials at the bottom of the page.



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.A.L.D (4th sem)	9928242029
9.	GAURSHANVIR SINGH	DAV UNIVERSITY	B.B.A (4th sem)	8427068273
10.	NAVJISH SINGH	DAV UNIVERSITY	B.TECH MECH. (4th sem)	9836694680
11.	SANIL PREET	DAV UNIVERSITY	B.TECH MECH. (4th sem)	7087143394
12.	Soumit Singh	DAV University	B.Tech Mech (4th sem)	9041022389
13.	Hiranshu	DAV University	B.Tech Mech (4th sem)	6283904469
14.	Randeep Kumar	DAV Unlverslty	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.

Department: Mechanical Engineering & Electrical Engineering

Name of the Event: Report on Industrial visit at Uchi –Bassi Hydropower Station by Department of Mechanical Engineering and Department of Electrical Engineering, DAV University Jalandhar.

Date of the Event: 25th feb,2025

Name of the Resource Person (if applicable): SDO Rajinder Kumar and SDO Ravinder Singh

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

Dr. Ashutosh Bhadoria Assistant Professor, Department of Electrical Engineering, DAV University Jalandhar

Report:

Students of B Tech, Department of Mechanical Engineering, DAV University Jalandhar visit to Industrial visit at Uchi –Bassi Hydropower Station.

Department of Mechanical Engineering alongwith Electrical Engineering organized one-day Industrial Visit at HYDROPOWER STATION UCHI –BASSI on 25th February, 2025 for second and third year students to impart practical knowledge in the subject of Fluid Machinery as well as to have on the site experience of witnessing a hydro Power Station. More than 40 students were accompanied by two faculty members Dr. Ashutosh Bhadoria and Er. Ved Raj Khullar. UCHI-BASSI Hydropower station is one of the main Hydro Electric Station of Mukerian Hydel Project which generate the 58.5 MW power. Students observed that the power house is vertical salient pole umbrella types, has three number of KAPLAN turbine rotating in clockwise direction with 166.7 rpm (rating of each units is 19.5 MW), turbine output is 27300 HP, 06 numbers of blades. Discharge and head required for the maximum power generation is 3701 cusecs and 22.5 meters respectively. Also students were given detailed information about the power project i.e. it comprises of 4 Power Houses. Power House No. 1 & 2 have 6 Nos (3 at each Power House) machines of 15 MW capacity each whereas Power House No.3 & 4 have 6 Nos. (3 at each Power House) machines of 19.5 MW capacity each. The total generating capacity is 207 MW of all the 12 Nos. Machines. The Mukerian Hydel Project generates electrical energy at 11 KV and after stepping up to 132 KV, the same is transmitted to Grid system at 132 KV. Power House No. I, is connected with Power House No.II and Power House No.II with PH No. III and PH No. III with PH-IV through 132 KV double circuit lines carried on towers. There are four 132 KV circuit lines for evacuation of electric energy generated, two numbers at PH-II to Jalandhar (through 132 KV Bhogpur and 132 KV Tanda circuits) and other two at PH-IV through 132 KV Sri-Hargobindpur Circuit I&II. Students were also given exposure on operation of turbines and maintenance strategies to be followed.

A sincere thanks to SDO Rajinder Kumar and SDO Ravinder Singh, 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.

Geotagged Pictures of the event:


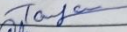

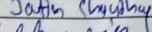
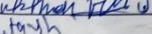

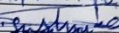
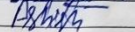

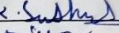

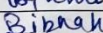





Attendance Sheet/completion letter of Students containing name of the event, department, type of the event, date on the top of the attendance sheet.

Industrial Visit at Hydroponics Station, Uchi-Bandi Dated= 25/02/2025

S.No.	Student Name	Regd. No	Signature	Remarks
1	MRIDULA	12400025		
2	MANAV BHATIA	12400032	<i>Manav Bhatia</i>	
3	ROHIT	12400644		
4	SHIVA	12400659	<i>Shiva</i>	
5	GURNOOR SINGH	12401090		
6	SUKHMANPREET SINGH	12401548	<i>Sukhmanpreet Singh</i>	
7	MANVIK BANDHRAL	12401715		
8	GUNTAZPREET SINGH	12402061	<i>Guntazpreet Singh</i>	
9	GAGANPREET SINGH	12402209	<i>Gaganpreet Singh</i>	
10	NAVITISH SINGH	12300550	<i>Navitish</i>	
11	PREETSHAN SINGH	12301204		
12	HANSPREET SINGH SANDHU	12400255		
13	SAHIL PREET	12401565	<i>Sahil Preet</i>	
14	JASMEET SINGH	12200075	<i>Jasmeet Singh</i>	
15	SACHIN SHARMA	12200332	<i>Sachin Sharma</i>	
16	PARDEEP SINGH	12200446	<i>Pardeep Singh</i>	
17	AYUSH JAMWAL	12200491		
18	HIMANSHU	12200698		
19	PARDEEP KUMAR BHATIA	12201352		
20	JASMEET SINGH	12200075		
21	<i>Manoj Singh Flora</i>	<i>12401374</i>	<i>Manoj Singh</i>	
22	<i>Chirag Sharma</i>	<i>12401218</i>	<i>Chirag Sharma</i>	
23	<i>Shobhit Sharma</i>	<i>12401217</i>	<i>Shobhit Sharma</i>	
24				
25				

S.No.	Student Name	Regd. No	Signature
1.	Tanpa	12401865	
2	Tareen Saini	12401982	
3	Simrandeep Kaur	12401270	
4	Jatin Chaudhary	12400374	
5	Subhmanprast Vish	12300491	
6	Gautam	12402513	
7	Jaspreet Singh	12300213	
8	K. Sushmita (C.E.) 2nd year	12300443	
9	Ashish (Civil 6 th Sem)	12200305	
ELECTRICAL			
01.	Shusmita K.	12300443	
02	Divya	12300331	
03	Diksha	12300876	
04	Bibhakar	12300270	

Learning Outcomes:

1. To learn about the Design and Development of Hydropower station
2. To learn about the principle and working of Kaplan Turbine.

Approval:

3/1/25, 9:16 AM

DAV University, Jalandhar Mail - Fwd: Approval



Mech. Engg. Coordinator <coordinator.me@davuniversity.org>

Fwd: Approval

1 message

Ved Raj <ved10189@davuniversity.org>
To: "Mech. Engg. Coordinator" <coordinator.me@davuniversity.org>

Sat, Feb 22, 2025 at 10:43 AM

----- Forwarded message -----

From: **Registrar** <registrar@davuniversity.org>
Date: Fri, 21 Feb 2025, 2:48 pm
Subject: Approval
To: Ved Raj <ved10189@davuniversity.org>
Cc: Ashutosh Bhadoria <ashutosh10039@davuniversity.org>, Transport Manager <transport@davuniversity.org>, <security@davuniversity.org>, <academicaffairs@davuniversity.org>, Dean Sciences & Technology <dean.scitech@davuniversity.org>, Accounts Department <accounts@davuniversity.org>

Dear Sir/Madam,

Reference to your request letter regarding organizing an Industrial Visit of Mechanical and Electrical Engineering Department Students and Mr. Ved Raj Khullar and Dr. Ashutosh Bhadoria at Hydropower Station Mukerian on 25.02.2025. This is to inform you that the Competent Authority has approved your request for the same.

Timings of the visit: 10:00 a.m to 03:30 p.m., No of Students: 40, Staff members: 2

Transport Incharge to provide transport facility for the above.

--

With Regards

Prof (Dr) Sanjeev Kumar Arora
Registrar (Officiating)
DAV University, Jalandhar
(O) 0181-2708845

Department: Mechanical Engineering

Name of the Event: Expert lecture on "Carrier advancement in Drone Technology" by Dr. R K Seth, Dean(S&T), Department of Physics, DAV University Jalandhar.

Date of the Event: 06th November, 2023

Name of the Resource Person (if applicable): Dr. R K Seth, Dean(S&T), Department of Physics, DAV University Jalandhar.

Teacher Coordinator: Dr Sharanjit Singh Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar and Mr Ved Raj Khullar, Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar

Report:

The Department of Mechanical Engineering, organised an expert lecture on ‘Carrier advancement in Drone Technology.

On November, 2023, the Mechanical Engineering department, hosted an expert lecture on “Carrier advancement in Drone Technology “to raise awareness and carrier opportunities in the Drone Technology. Dr. R K Seth, Dean(S&T), Department of Physics, DAV University Jalandhar, was the resource person.

In the inaugural note, Mr Ved Raj Khullar, Assistant Professor, Department of mechanical Engineering DAV University, welcomed the speaker and shared his views on entrepreneurial opportunities in India. He introduced the speaker to the audience and enlightened them about his work in Technology.

Thereafter, the resource person, Dr. R K Seth, started his expert talk. He was more interested in interacting with the students and learning about their thoughts. He motivated the students to find the critical problem and work on the solution for it. He encouraged the students to start their own businesses and to collaborate. He asked the students to find the problems faced in the designing and coding. He gave the example of the problem faced by agriculture, miltry and designers in manufacturing and asked students to take initiative to solve it. In his lecture, he discussed various topics related to entrepreneurial opportunities in drone technology, such as infrastructural development, health facilities, agriculture development, educational development, digital media and AI, market connectivity with the global world, agricultural processing, etc. He cited various examples in his presentation related to the topics discussed with the audience. He explains the basic mechanisms for starting a business, like identification of the target segment, level of problem solved, market competition, brand positioning, profitability, advertisement, and market support.

Dr. Sharanjit Singh, coordinator, Mechanical Engineering, thanked the speaker for sparing his valuable time to motivate the students.

Geotagged Pictures of the event:



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

DAV University
Attendance Sheet

Event Name: Campus Adventure in Dham Date: 6/11/23 Room No.: AB-322
Technical (Expert talk)

S. No.	Name	Reg. No.	Designation/ Sem	Present/ Absent	Sign.
1	VIKAS	12000202	7 th	Present	Vikas
2	SUKHRAJ SINGH	12000408	7 th	Present	Sukhraj
3	CHAITANYA VASUDEVA	12000422	7 th	Present	Chaitanya
4	DARKARAN SINGH NAGRA	12000438	7 th	Present	Darkaran
5	BHUPINDER PARTAP SINGH	12000443	7 th	Present	Bhupinder
6	CHIRAG	12000595	7 th	Present	Chirag
7	JASPREET BANSAL	12100854	7 th	Present	Jaspreet
8	MUNISH BHATIA	12100856	7 th	Present	Munish
9	MANDEEP SINGH	12101348	7 th	Absent	
10	LOVEPREET	12100022	5 th	Present	Lovepreet
11	RAHUL CHOUDHARY	12100049	5 th	Absent	
12	VAIBHAV MANHAS	12100056	5 th	Absent	
13	AYANESH CHAUHAN	12100184	5 th	Absent	
14	SAMEER	12100220	5 th	Present	Sameer
15	AVTAR SINGH	12100247	5 th	Present	Avtar Singh
16	TEJVEER SINGH	12100320	5 th	Present	Tejveer
17	DAVINDER SINGH	12100366	5 th	Present	Davinder Singh
18	GAURAV SHARMA	12100401	5 th	Present	Gaurav
19	NIXANDEEP SAINI	12100484	5 th	Present	Nixan
20	ANIKET JAKHU	12100650	5 th	Absent	
21	GAGANDEEP SINGH BHATTI	12101195	5 th	Present	Gagan
22	RAHUL	12101339	5 th	Present	Rahul
23	JASMEET SINGH	12200075	3 rd	Present	Jasmeet Singh
24	SACHIN SHARMA	12200332	3 rd	Present	Sachin Sharma
25	PARDEEP SINGH	12200446	3 rd	Present	Pardeep Singh
26	AYUSH JAMWAL	12200491	3 rd	Absent	
27	HIMANSHU	12200698	3 rd	Present	Himanshu
28	PARDEEP KUMAR BHATIA	12201352	3 rd	Present	Pardeep Kumar
29	VIVEK SINGH	12300010	1 st	Absent	
30	JAWAND SINGH	12300375	1 st	Absent	
31	NAVITISH SINGH	12300550	1 st	Absent	
32	HARMAN	12300840	1 st	Absent	
33	PREETSHAN SINGH	12301204	1 st	Absent	
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					

No. of Students/Participants Present: 20
No. of Students/Participants Absent: —
Total No. of Students/Participants: —
Sign. with Name & Employee ID of(s): SM
1000
Shamsh

Learning Outcomes:

1. Entrepreneurial Opportunities
2. Design and Development

Department: Mechanical Engineering

Name of the Event: Expert lecture on "Industry led skilling opportunity for 2023 and 2024 batch" by Mr. Mayank Ranjan Country Lead North India L&T EduTech and Mr Ashish Mishra Regional Lead North India L&T EduTech.

Date of the Event: 27th Sep, 2024

Name of the Resource Person (if applicable): Mr. Mayank Ranjan Country Lead North India L&T EduTech and Mr Ashish Mishra Regional Lead North India L&T EduTech.

Teacher Coordinator: Coordinator, Department of Mechanical Engineering, DAV University Jalandhar

Report:

The Department of Mechanical Engineering, in association with the Admission Department, of DAV University, organised an expert lecture on 'Industry led skilling opportunity for 2023 and 2024 batch

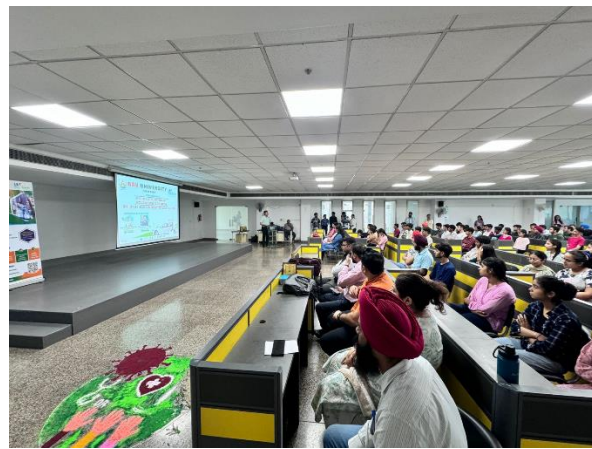
On February 27th Sep, 2024, the Mechanical Engineering department, in collaboration with **Admission Department, of DAV University, organised an expert lecture on 'Industry led skilling opportunity for 2023 and 2024 batch** by Mr. Mayank Ranjan Country Lead North India L&T EduTech and Mr Ashish Mishra Regional Lead North India L&T EduTech were the resource person.

In the inaugural note, DAV University, welcomed and introduced the speaker to the audience and enlightened them about the event.

Thereafter, the resource person, Mr. Mayank Ranjan, started his presentation. He was more interested in interacting with the students and learning about their thoughts. He motivated the students to find the critical problem and work on the solution for it. He encouraged the students to start their own businesses and to collaborate. He asked the students to find the problems faced by the humans. He gave the example of the problem faced by humans in day to day life and asked students to take initiative to solve it. In his lecture, he discussed various topics related to entrepreneurial opportunities as well job opportunities in India, such as infrastructural development, health facilities, agriculture development, educational development, digital media and AI, market connectivity with the global world, agricultural processing, etc. He cited various examples in his presentation related to the topics discussed with the audience. He explains the basic mechanisms for starting a business, like identification of the target segment, level of problem solved, market competition, brand positioning, profitability, advertisement, and market support.

Vice Chancellor Dr. Manoj Kumar shared his views with the speaker and the audience. He stressed that this is the era of start-ups, and age is no barrier. He cited the examples of Oyo, Ola cabs, etc. He told the audience that India requires EV hubs and that DAV University should serve as a startup incubator.

Geotagged Pictures of the event:



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

<u>27/09/2024</u> B.Tech mechanical <u>First year</u>			
① Manoj Singh Elara	12401371	Mechatronics	Manoj Singh
2. Shobhit Dhiman	12401991	Mechatronics	Shobhit
3. Shiva	12400659	Mech.	Shiva
4. Manvika	12401715	" "	Manvika
5. Manav	12400032	" "	Manav
6. Gurpreet	12401090	" "	Gurpreet
7. Gurpreet	12402061	" "	Gurpreet

Sd/-
7/9/24

Learning Outcomes:

1. Entrepreneurial Opportunities
2. Design and Development

Department: Mechanical Engineering

Name of the Event: FDP Program on Autodesk Technology by Er. Rupinder Singh, Managing Director RRIZA Engineering Solution.

Date of the Event: 11th September, 2024

Name of the Resource Person (if applicable): Er. Rupinder Singh, Managing Director RRIZA Engineering Solution.

Teacher Coordinator: Mr Ved Raj Khullar, Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar and Dr Sharanjit Singh Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar and

Report:

The Department of Mechanical Engineering, organised FDP Program on Autodesk Technology.

On September, 2024, the Mechanical Engineering department, hosted an FDP Program on Autodesk Technology “to raise awareness and carrier opportunities in the Design Technology. Er. Rupinder Singh, Managing Director RRIZA Engineering Solution.

In the inaugural note, Mr Ved Raj Khullar, Assistant Professor, Department of mechanical Engineering DAV University, welcomed the speaker and shared his views on design and manufacturing in India. He introduced the speaker to the audience and enlightened them about his work in Technology.

The FDP is designed to:

Enhance faculty proficiency in Autodesk technologies.

Equip faculty with practical skills to integrate Fusion 360 into the curriculum.

Align our teaching practices with Industry 4.0 standards.

About RRIZA Engineering Solution.

RRIZA ENGINEERING SOLUTION provides consultancy in design and manufacturing. Last 15 years, we provide training on design & manufacture in the field of Mechanical/Civil/Architecture/Electronics students/industries/corporates. We provide also technical manpower to industries like CNC operators/Draughtsman/Welder/Fitter/Designer/Milling & Turning Operator.

They have the manufacturing CNC Wire Bending Machine, CNC Wood Router, CNC Stone Router, 3D Printer, and CNC Customized Machine at the Ludhiana Unit. Also provides engineering solutions to industries upgrading manufacturing processes.

RRIZA Engineering Solution is the Industrial Partner of CGSSC(SSC).

Capital Goods Skill Council (CGSC) is a Not-for-Profit Organization, registered under the Societies Registration Act, 1860. The Council has been promoted by the Federation of Indian Chambers of Commerce and Industry (FICCI) and the Department of Heavy Industries (DHI), Government of India, with financial support from Natof National Skill Development Corporation (NSDCthe). The supporting organizations include leading industry and industry association's in the public and private sectors.

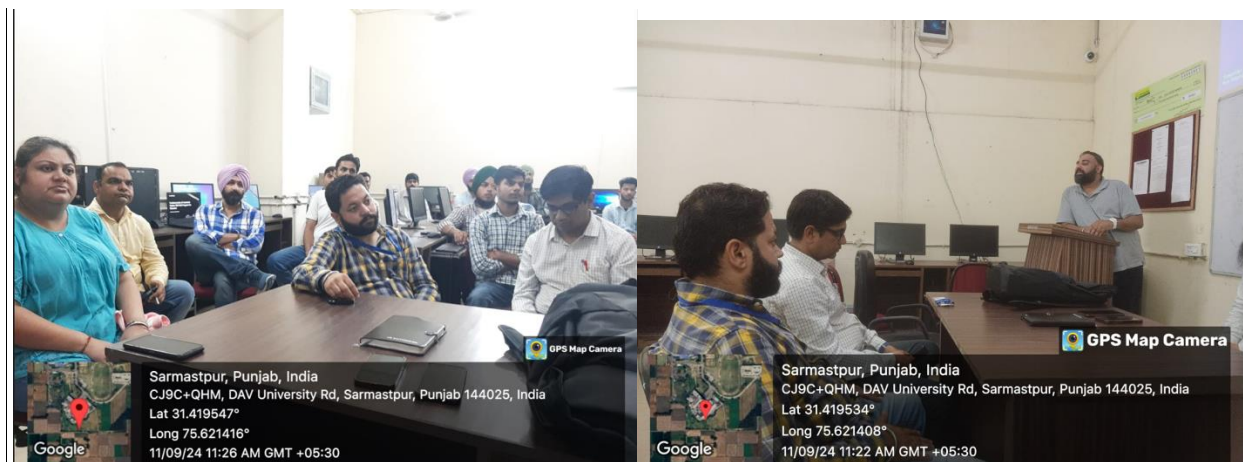
We are already collaborating with World Skill India/India Skill & CGSC for many skills programs like the TOT/TOA Program.

RRIZA Engineering Solution is the Authorized Training Center & Autodesk Learning Partner (ATC & ALP) of Autodesk.

All the sessions will be industrial-oriented.

Dr. Sharanjit Singh, coordinator, Mechanical Engineering, thanked the speaker for sparing his valuable time to motivate the students.

Geotagged Pictures of the event:



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

DAV UNIVERSITY JALANDHAR
DEPARTMENT OF MECHANICAL ENGINEERING (Attendance Sheet Format)

Name of event/expert talk/seminar/viva/workshop/STC/FOP/Industrial visit: Auto desk
Date: 11/9/24 Venue/Room No: CAD Lab Telfn: 33241

S. No.	Name	ID/Reg. No.	Designation/Branch/sem.	Sign.
1	Ved Raj Khullar	10189	A.P	
2	Harish Gang	10026	A.P	
3	Vijay Bansal	10028	A.P	
4	Sumit Nigam	10186	A.P	
5	Sharanjit Singh	10027	AP	
6	Simran Kaur	10188	A.P. EE	
7	Ipandeep Singh	11189	A.P CE	
8	Jatin Arora	11185	A.P Civil	
9	Amal Arora	10115	A.P. (Civil)	
10	Rajesh Singh	10106	A.P. Civil	
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Total No. of participants: 10

Sign. with Name & Employee ID of Faculty(s):

Learning Outcomes:

1. Entrepreneurial Opportunities
2. Design and Development

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 Khullar (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 20th 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
Tarun*

Geotagged Pictures of the event:





DAV UNIVERSITY JALANDHAR				
DEPARTMENT OF MECHANICAL ENGINEERING (Attendance Mark Sheet)				
Name of course/subject Roll No./Enrollment No./Workshop No. / TOP / VEDANTHA / Page: 12 B. No. of days and P.D.				
Date: 20/04/24 - 24/04/24 - Workshop/Exam No. 2153/20007/10000 - 20000				
S. No.	Name	ID/Reg. No.	Designation/Stream/Year	Sign
1	Vedant	10189	A.P.	
2	Sumit Nigam	11186	A.P.	
3	Shreyansh	10007	A.P.	
4	Sahil Preet	12401566	B. Tech. Mech.	
5	Pransav Singh Lamba	12400255	B. Tech. Mech.	
6	Prithvi Singh	13306201	B. Tech. Mech.	
7	Namish Singh	13300530	B. Tech. Mech.	
8	Pardeep Singh	132004016	B. Tech. Mech.	
9	Adish	13200300	B. Tech. Mech.	
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24				
25				

Total No. of participants: 9

Sign with Name & Employee ID of Faculty:

Vedant
10189
20/04/2024

Sumit
11186
20/04/2024

1. Entrepreneurial Opportunities
2. Design and Development

Department: Mechanical Engineering

Name of the Event/MOU: Report on One-Week Management Development Programme, Training on GEM and GST

Date of the Event: 24th to 28th March, 2025

Name of the Resource Person (if applicable): Mr Sachin Raheja EY Gurgaon, Er P.K. Verma CIHT Jalandhar, Er Vikram Attri CIHT Jalandhar, Er Ved Raj Khullar and Dr Ranjodh Singh DAVU Jalandhar.

Teacher Coordinator: Er. Ved Raj Khullar, Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar
Dr Sharanjit Singh Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar
Dr Ranjodh Singh, Assistant Professor, Department of Civil Engineering, DAV University Jalandhar

Report:

The Department of Mechanical and Civil Engineering at DAV University successfully conducted a **One-Week Management Development Programme (MDP)** on **Government e-Marketplace (GeM)** and **Goods and Services Tax (GST)** from 24th to 28th March, 2025. The programme aimed to equip faculty members, industry professionals, and students with in-depth knowledge and practical insights into the operational and regulatory aspects of GeM and GST, both of which are crucial for efficient public procurement and modern business practices. More than fifty participants participate in MDP.

The MDP witnessed enthusiastic participation from various departments and institutions. Expert sessions were delivered by professionals from government bodies, academia, and industry who shared their expertise on:

- Registration and use of the GeM portal
- Procurement procedures and compliance
- Overview and updates on GST structure and implementation
- Filing procedures and recent amendments
- Case studies highlighting best practices

Interactive sessions, hands-on training, and Q&A rounds provided participants with practical exposure and real-time problem-solving experiences.

The valedictory session was graced by [insert name/designation of chief guest if applicable], who applauded the department's initiative in organizing such a relevant and timely programme.

The Department expresses its gratitude to the university administration, guest speakers, organizing committee, and all participants for their support and contributions in making the programme a grand success.

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

Geotagged Pictures of the event:





Attendance Sheet/completion letter of Students containing name of the event, department, type of the event, date on the top of the attendance sheet.

Dated : 24/03/25

**Department of Mechanical Engg. and Civil Engg.,
D.A.V. University, Jalandhar**
One-Week Management Development Programme on GEM and GST

S.No.	Student Name	Regd. No	Signature
1	Gaurav Sharma	12100401	Gaurav Sharma
2	Shobhit Dhillon	12401991	Shobhit Dhillon
3	Sachin Sharma	12200332	Sachin Sharma
4	Pandeep Singh	12200446	Pandeep Singh
5	Himanshu	12200698	Himanshu
6	Pandeep Kumar	12201352	Pandeep Kumar
7	Davinder Singh	12100366	Davinder Singh
8	Amit Singh	12100447	Amit Singh
9	Mohammad Zahid Akbar	12402532	Mohammad Zahid Akbar
10	Tushar Lamba	12400493	Tushar Lamba
11	Naveen Singh	12300550	Naveen Singh
12	Hanspreet Singh Sandhu	12400255	Hanspreet Singh Sandhu
13	Sandeep Singh	12200291	Sandeep Singh
14	Gaganpreet Singh	12402209	Gaganpreet Singh
15	Gurpreet Singh	12402061	Gurpreet Singh
16	Prakash Singh	12301204	Prakash Singh
17	Jaspreet Singh	12300213	Jaspreet Singh
18	Sahil Preet	12401565	Sahil Preet
19	Yuvraj Mehta	12400172	Yuvraj Mehta
20	Kashish Madan	12401052	Kashish Madan
21	Tarandeep Singh	12401024	Tarandeep Singh
22	Shubdeep Singh	12400166	Shubdeep Singh
23	Mudit	12400025	Mudit
24	Jasleen Kaur	12400034	Jasleen Kaur
25	Abhinav Bhargat	12200576	Abhinav Bhargat
26	Dr. Harish Garg	10026	Dr. Harish Garg
27	Dr. Sharanjit Singh	10027	Dr. Sharanjit Singh
28	Dr. Ranveer Singh	10106	Dr. Ranveer Singh
29	Vibha Bansal	10028	Vibha Bansal
30	Arsh	12200395	Arsh
31	Subhmanpreet Singh	12300491	Subhmanpreet Singh
32	Tarun Sahni	12401952	Tarun Sahni
33	Laxpreet	11087	Laxpreet
34	Bindu Goyal	10189	Bindu Goyal
35	Ved Raj Chhalla	10060	Ved Raj Chhalla
36	Palwinder Singh		Palwinder Singh

Dated: 24/03/25

**Department of Mechanical Engg. and Civil Engg.,
D.A.V. University, Jalandhar**
One-Week Management Development Programme on GEM and GST

S.No.	Student Name	Regd. No	Signature
37	Ravinder Singh	10139	
38	Ravinder Kumar	11186	
39	HARGOPAL SINGH	10445	
40	Rajinder Singh	10144	
41	KISHAN CHAND	10142	
42	Ludhmani	11267	
43	Vibha	12401987	
44	Jasmeet Singh	12200075	
45	Adarsh	12200491	
46	Jaspreet Mahay	12100130	
47	Abhishek Attari	12100217	
48	Karandeep	12100772	
49	Jayansh Singh	12100511	
50	Balraj Singh	12100251	
51	Sahil	12101050	
52	Rahul Choudhary	12100578	
53	Harshit Jassi	12100932	
54	Saksham Thakur	12200888	
55	Chirag Sharma	12401218	
56	Harsh	12200114	
57	Sukhmanpreet Singh	12200491	
58	Pankaj Kumar	12400646	
59	Likhvi Red Kotana	12402511	
60	Rohit	12400644	
61	Harpreet Singh	12400855	
62	Manvik Bhandral	12401715	
63	DHANU SHARMA	12401658	
64	Shiva	12400659	

25/03/2025

**Department of Mechanical Engg. and Civil Engg.,
D.A.V. University, Jalandhar**
One-Week Management Development Programme on GEM and GST

S.No.	Student Name	Regd. No	Signature
1	Dr. Harish Garg	10026	
2	Xipan Bangal	10028	
3	Sunil Nijjer	10186	
4	Dr. Ludhmani	11267	
5	Hansraj Singh Sandhu	12400255	
6	Saksham	12401565	
7	Geetansh	12402513	
8	Jaspreet Singh	12300213	
9	Sandeep Singh	12200291	
10	Saksham Thakur	12200888	
11	DHANU SHARMA	12401658	
12	Saksham Sharma	12401991	
13	Geetansh Singh	12402061	
14	Rajnish	12000745	
15	Mridula	12400025	
16	Jasmeen	12400034	
17	Vishnu	12400041	
18	Gaganpreet Singh	12402209	
19	Tarun Singh	12401952	
20	Jatin Choudhary	12400374	
21	Sukhmanpreet Singh	12300491	
22	Ved Raj	10189	
23	Ravinder Kumar	11186	
24	Ravinder Singh	10139	
25	Ravinder Singh	10440	
26	Abhishek	12200526	
27	Pardeep Kumar	12201352	
28	Pardeep Singh	12200446	
29	Saksham Sharma	12200332	
30	Vibha	12401987	
31	Prateek Singh	12301204	
32	Navish Singh	12300550	
33	Jasmeet Singh	12200075	
34	Himanshu	12200698	
35	Adarsh	12200491	
36	Jaspreet Mahay	12100130	

26/03/2025

Department of Mechanical Engg. and Civil Engg.,
D.A.V. University, Jalandhar
One-Week Management Development Programme on GEM and GST

S.No.	Student Name	Regd. No	Signature
1.	Muidula	12400025	Muidula
2.	Jasmeen Kaur	12400034	Jasmeen Kaur
3.	SHIVA	12400659	Shiva
4.	Vikas	12401987	Vikas
5.	Ashish	12200305	Ashish
6.	Saksham	12200858	Saksham
7.	Naveesh Singh	12300550	Naveesh Singh
8.	Preetsham Singh	12301204	Preetsham Singh
9.	Hanspreet Singh Sandhu	12400255	Hanspreet Singh
10.	Pardeep Singh	12200446	Pardeep Singh
11.	Ashish Singh	12100247	Ashish Singh
12.	Balhar Singh	12100251	Balhar Singh
13.	Gurwindar Singh	12400080	Gurwindar Singh
14.	Manpreet Singh	12401449	Manpreet Singh
15.	Upanshu	12401098	Upanshu
16.	Harshit Jasrai	12100232	Harshit Jasrai
17.	Korandeeb	12100572	Korandeeb
18.	Damanpreet Singh	12100511	Damanpreet Singh
19.	Rahul Chaudhary	12100578	Rahul Chaudhary
20.	Abhishela Attar	12100217	Abhishela Attar
21.	Jaspreet Mahay.	12100130	Jaspreet Mahay.
22.	Harsh	12200114	Harsh
23.	Hrithik Paul	12300767	Hrithik Paul
24.	Saurabh Ohri	12200291	Saurabh Ohri
25.	Saurabh	12101050	Saurabh
26.	Manraj Singh Thero	12401371	Manraj Singh Thero
27.	Yashveeran Nadar	12401052	Yashveeran Nadar
28.	Pankaj Kumar	12400646	Pankaj Kumar
29.	Tarun Saini	12401952	Tarun Saini
30.	Sukhmanpreet Singh	12300491	Sukhmanpreet Singh
31.	Tarandeet Singh	12401024	Tarandeet Singh
32.	Vipin Bansal	120028	Vipin Bansal
33.	Gaganpreet Singh	12402269	Gaganpreet Singh

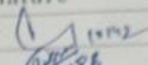
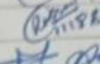
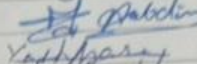
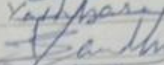
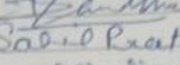
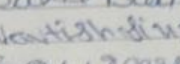
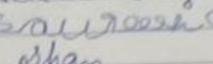
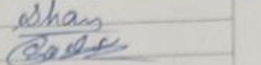
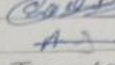
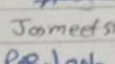
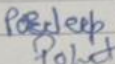
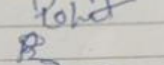
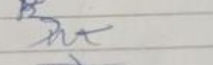
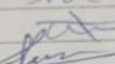
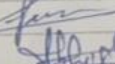
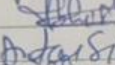
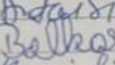
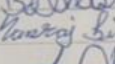
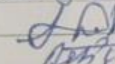
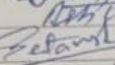
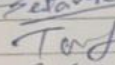
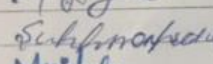
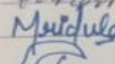
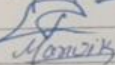
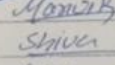
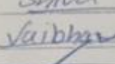
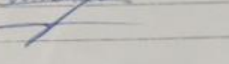






28/3/2025

Department of Mechanical Engg. and Civil Engg.,
D.A.V. University, Jalandhar
One-Week Management Development Programme on GEM and GST

S.No.	Student Name	Regd. No	Signature
1	Kishan Chand	10142	
2	Ravinder Kumar	11186	
3	Abhi Bhagat	12205576	
4	Hanspreet Singh Sandhu	12400255	
5	Narvish Singh	12300550	
6	Parddeep Kumar	12201352	
7	Pandeep Singh	12200446	
8	Sachin Sharma	12200332	
9	Jasmeet Singh	12200075	
10	Himanshu	12200688	
11	Jaspreet Mahu	12100130	
12	Abhishek Attri	12100217	
13	Akash	12200491	
14	Preetkhan Singh	12301204	
15	Sahilpreet	12401565	
16	Vikas	12401934	
17	Sahil	12101050	
18	Harshit Jasrai	12100232	
19	Rahul Choudhary	12100578	
20	Amit Singh	12100242	
21	Divyendra Singh	12100368	
22	Balbeer Singh	12100251	
23	Arjun Sahli	12401912	
24	Amish	12200305	
25	Saurabh Cheri	12200291	
26	Saksham Thakur	12200858	
27	Gaganpreet Singh	12402209	
28	Meichula	12400025	
29	Chirag Sharma	12400218	
30	Harsh	12200114	
31	Subhmanpreet Singh	12300491	
32	Pankaj Kumar	12400640	
33	Yashbans Madar	12401052	

27/3/2025

Department of Mechanical Engg. and Civil Engg.,
D.A.V. University, Jalandhar
One-Week Management Development Programme on GEM and GST

S.No.	Student Name	Regd. No	Signature
1	Kishan Chand	10142	
2	Ravinder Kumar	11186	
3	Mahammad Zainul Abidin	12402572	
4	Yashveer Madar	12401052	
5	Hanspreet Singh Sandhu	12400235	
6	Sahil Rast	12401565	
7	Narvish Singh	12300550	
8	Saureesh Chori	12200291	
9	Prutishan Singh	12301204	
10	Sachin Sharma	12200331	
11	Pardeep Singh	12200446	
12	Jasmeet Singh	12200075	
13	Pardeep Kumar	12201352	
14	Rohit	12400644	
15	Ravinder Heer	12401040	
16	Damanpreet Singh	12100511	
17	Johi	12101050	
18	Karandeep	12100772	
19	Abhishek Attar	12100217	
20	Hitar Singh	12100247	
21	Balbeer Singh	12100251	
22	Manraj Singh Elara	12401371	
23	Shobhit Ahimran	12401941	
24	Abhishek	12200305	
25	Geetansh	12402513	
26	Tarun Seervi	12401952	
27	Sukhmanpreet Singh	12300491	
28	Mudula	12400025	
29	Jasmeen	12400034	
30	Manvik Bhandral	12401715	
31	Shiva	12400659	
32	Vaibhav	12400041	
33	Saksham Thakur	12200858	

Learning Outcomes:

The One-Week Management Development Programme (MDP) on **Government e-Marketplace (GeM)** and **Goods and Services Tax (GST)** successfully enhanced the participants' understanding of key aspects related to modern procurement systems and tax regulations. By the end of the programme, participants were able to:

- **Understand the structure and objectives of the GeM portal**, including its role in enhancing transparency, efficiency, and cost-effectiveness in public procurement.
- **Navigate and operate the GeM platform** effectively for tasks such as registration, product listing, bidding, and order processing.
- **Gain comprehensive knowledge of GST**, including its framework, tax slabs, and compliance requirements for businesses and service providers.
- **Identify and implement the correct procedures for GST filing**, invoicing, and returns as per the latest guidelines.
- **Interpret real-world case studies** that illustrated the practical implementation of GeM and GST in government and private sector operations.
- **Apply learned concepts in practical scenarios** through interactive sessions and hands-on demonstrations.
- **Improve decision-making and administrative skills** related to procurement and taxation in academic, industrial, and government settings..

Department: Mechanical Engineering and Electrical Engineering

Name of the Event: Three Day Training Program "Training of Trainers (ToT) on EV Vehicles" by Er Sanjeev Kr. Rajoria SME, EV Technologies L&T EduTech , Prof. Prasad Kadam, Sr Tech Head DIYguru E Mobility , Mr Talal Khan, Executive Engineer DIYguru E Mobility , Mr Ashutosh, Executive Engineer, Embedded Design, DIY guru E Mobility

Date of the Event: 09-11th Dec, 2024

Name of the Resource Person (if applicable): Er Sanjeev Kr. Rajoria SME, EV Technologies L&T EduTech Prof. Prasad Kadam, Sr Tech Head DIYguru E Mobility
Mr Talal Khan, Executive Engineer DIYguru E Mobility
Mr Ashutosh, Executive Engineer, Embedded Design, DIYguru E Mobility

Teacher Coordinator: Dr Sharanjit Singh Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar and Ms Simran Kaur, Assistant Professor, Department of Electrical Engineering, DAV University Jalandhar

Report:

The Department of Mechanical Engineering and Electrical Engineering, in association with L&T EduTech and DIY guru, organised a three day training program on ‘Training of Trainers (ToT) on EV Vehicles.

On December 09th dec, 2024, the Mechanical Engineering and Electrical Engineering department, in collaboration with **L&T EduTech and DIY guru, organised a three day training program ‘Training of Trainers (ToT) on EV Vehicles’** batch by by Er Sanjeev Kr. Rajoria SME, EV Technologies L&T EduTech , Prof. Prasad Kadam, Sr Tech Head DIYguru E Mobility , Mr Talal Khan, Executive Engineer DIYguru E Mobility , Mr Ashutosh, Executive Engineer, Embedded Design, DIY guru E Mobility

In the inaugural note, DAV University, welcomed and introduced the speaker to the faculty and enlightened them about the event.

Thereafter, the resource person, Mr Talal Khan, Mr Ashutosh and Er Sanjeev Kr Rajoria, started the trail run of different experiments and equipment’s. Further the discussion on EV basics and safety, including the definition and types of EVs, EV components, EV advantages, EV safety features, and EV safety protocols. Further the program will focus on EV charging infrastructure and policy, including types of EV charging, charging infrastructure installation and maintenance, public charging networks. After presentation the hand on practice sessions were conducted to train the participants in the center of excellence on E mobility. At the end of session quiz was conducted.

Vice Chancellor Dr. Manoj Kumar also visited the COE and shared his views with the speaker and the faculty. He stressed that this is the era of start-ups, and age is no barrier for new learnings. He interacts with experts and share his experiences. He told the experts and faculty that India requires EV hubs and that DAV University should start EV electric charging station in campus in coloration with industry.

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.

10/12/24

DAV UNIVERSITY JALANDHAR
 DEPARTMENT OF M.E.E ENGINEERING (Attendance Sheet Format)
 Name of event/expert talk/seminar/viva/workshop/STC/FDP/industrial visit: 3 days workshop (70) EL
 Date: 10/12/24 Venue/Room No: CoE - EV Term: 24251

S. No.	Name	ID/Reg. No.	Designation/Branch/sem.	Sign.
1	Seema Sharma	10064	Asst. Prof.	<u>Seema</u> 10064
2	Simran Kaur	10132	AP	<u>Simran</u> (10132)
3	Sangeeta Monga	10071	AP	<u>Sangeeta</u> 10071
4	Shashwini Singh	1007	AP	<u>Shashwini</u> 1007
5	Sanjeev Rajoria		SME	<u>Sanjeev</u>
6	Talal Khan	0144020	Executive Epr.	<u>Talal</u>
7	Ashutosh Bhada	10039	AP	<u>Ashutosh</u>
8	Chetan Verma	10035	Ele	<u>Chetan</u>
9	Harish Gang	10026	Mech.	<u>Harish</u>
10	Vipin Bansal	10028	AP/ME	<u>Vipin</u>
11	Sumit Nigra	10186	AP/ME	<u>Sumit</u> 10186
12	Prasad Kadan	0020460	Sr. Tech. Head	<u>Prasad</u>
13	Ashutosh Dehery	DIXGURU	Embedded-Dev	<u>Ashutosh</u>
14	Yed Raj Khutia	10189	A-P/ME	<u>Yed Raj</u>
15				
16				
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19				
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22				
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24				
25				

Total No. of participants: 14

Sign. with Name & Employee ID of Faculty(s): (10132) SM 1007

11/12/24

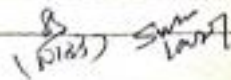
DAV UNIVERSITY JALANDHAR

DEPARTMENT OF IT/ECE (Attendance Sheet Format)Name of event/expert talk/seminar/viva/workshop/STC/FDP/Industrial visit: 3 day workshop (60%)Date: 11/12/24Venue/Room No: CEE-CV/Room: 24251

S. No.	Name	ID/Reg. No.	Designation/Branch/sem.	Sign.
1	Sanjeev Rajoria		SME	Sanjeev
2	Talal Khan		Exec. Engr	Talal Khan
3	Prasad Kadam	002/Dly Guru	Sr. Tech Head	Prasad
4	Ashutosh Dehany	D15 "	Inv. Dir	Ashutosh
5	Chetan Vaidya	10035	ECE	Chetan
6	Srinivas Kumar	10182	EE	Srinivas
7	Ramaneet	10442	ECE	Ramaneet
8	Seema Sharma	10064	EE	Seema
9	Vijay Bhat	10028	MG	Vijay
10	Sumit Nigam	10186	A.P./ME	Sumit
11	Saurabh Monga	10071	ECE	Saurabh
12	Harish Gang	10026	Mech.	Harish
13	Ved Raj	10189	Mech.	Ved Raj
14	Sharanjeet Singh	10027	Mech	Sharanjeet
15				
16				
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21				
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23				
24				
25				

Total No. of participants: 14

Sign. with Name & Employee ID of Faculty(s):



Learning Outcomes:

1. Entrepreneurial Opportunities
2. Design and Development

Department: Mechanical Engineering

Name of the Event: Workshop on E Vehicles by Mr Ved Raj Khullar Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar and Dr Sharanjit Singh 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 Ved Raj Khullar Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar and Dr Sharanjit Singh Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar.

Teacher Coordinator: Mr Ved Raj Khullar Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar and Dr Sharanjit Singh Assistant Professor, Department of Mechanical Engineering, DAV University Jalandhar.

Report:

The Department of Mechanical Engineering organised a one-day workshop on EV Vehicles, dated: 27/03/2025.

The one-day workshop on Electric Vehicles (EVs) provided a comprehensive overview of the latest advancements, challenges, and opportunities in the EV industry. Designed for B. Tech. students the workshop covered key aspects of EV technology, infrastructure, and policy developments. The event began with an introduction to EV fundamentals, including battery technology, charging infrastructure, and powertrain components. Participants gained a deeper understanding of lithium-ion and emerging solid-state battery technologies, as well as innovations aimed at improving range and charging speed. A significant portion of the workshop will focus on the anatomy of an electric scooter. Experts will provide an in-depth breakdown of essential components such as the battery pack, motor, controller, and charging port. The battery pack, typically located under the scooter deck, serves as the primary power source, while the motor, usually positioned in the hub of the wheels, drives the scooter forward. The controller, often housed near the battery, regulates power flow between the battery and motor. Additionally, participants will learn about the braking system (disc, drum, or regenerative braking), suspension components, and display panels that provide speed, battery level, and diagnostic information.

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 EV

Sr. No.	Student Name	Institute Name	Class	Signature
1.	PREETSHAN SINGH	DAV UNIVERSITY	B.TECH MECHANICAL	Preetshansingh <u>Shans</u>
2.	HANSPREET SINGH SANDHU	DAV UNIVERSITY	B.TECH MECHANICAL	Hanspreet Singh <u>Handhu</u>
3.	GUNTAZ PREET SINGH	DAV UNIVERSITY	B.TECH MECHANICAL	Gunta Preet Singh <u>Santapal</u>
4.	NARPREET SINGH	DAV UNIVERSITY	B.TECH CIVIL	<u>Narpreet Singh</u>
5.	SAHIL PREET	DAV UNIVERSITY	B.TECH MECH.	<u>Sahilpreet</u>
6.	NAVISH SINGH	DAV UNIVERSITY	B.TECH MECH.	<u>Navish Singh</u>
7.	Vaibhav	DAV University	B.Tech (Mech)	<u>Vaibhav</u>
8.	Gurpreet Singh	DAV University	B.Tech (Mech)	<u>Gurpreet</u>
9.	Jasmeet Singh	DAV University	B.Tech (Mech)	<u>Jasmeet Singh</u>
10.	Himanshu	DAV University	B.Tech (Mech)	<u>Himanshu</u>
11.	NIXANDEEP SAINI	DAV University	B.Tech (Mech)	<u>Nixan</u>
12.	Poojeet Kumar	DAV University	B.Tech (Mech)	<u>Poojeet Kumar</u>
13.	Paramveer Singh	DAV University	B.A. (Hons)	<u>Paramveer</u>
14.	Gursharan Singh	DAV University	B.B.A (4th sem)	<u>Gursharan</u>
15.	Kamalpreet Kaur	DAV University	B.Sc Maths (4th sem)	<u>Kamalpreet Kaur</u>

16) Poojeet Singh DAV University B.Tech (Mech) Poojeet
 Sachin

Vedraj
 (10/10/2024)



DAV UNIVERSITY JALANDHAR
NATIONAL SCIENCE DAY

Feb. 27, 2025

Registration Form

Event Name Workshop ON EV

Sr. No.	Student Name	Institute Name	Class	Mobile No.
1.	PREETSHAN SINGH	DAV UNIVERSITY	B.TECH(MECHANICAL)	9196814421
2.	HANSPREET SINGH SANDHU	DAV UNIVERSITY	B.TECH-MECH	9056451312
3.	GANATA PREET SINGH	DAV UNIVERSITY	B.TECH MECH	7681967523
4.	HARPREET SINGH	DAV UNIVERSITY	B.TECH CIVIL	8437176600
5.	NAVISH SINGH	DAV UNIVERSITY	B.TECH MECH.	9876694680
6.	SANID PREET	DAV UNIVERSITY	B.TECH MECH.	7087143794
7.	YADHAV	DAV UNIVERSITY	B.TECH (ELEC)	9478330993
8.	GIGANPREET SINGH	DAV UNIVERSITY	B.TECH (MECH)	7119160975
9.	TARGET SINGH	DAV UNIVERSITY	B.TECH (MECH)	9041022329
10.	HIRAS KH	DAV UNIVERSITY	B.TECH (MECH)	6282904469
11.	ROHIT KUMAR	DAV UNIVERSITY	B.TECH (MECH)	6280641372
12.	NIXANDROP SAINI	DAV UNIVERSITY	B.TECH MEC	7658098038
13.	POORNIMA KHIL	DAV UNIVERSITY	B.A.LLO (CHEM)	9928742279
14.	CHANDHANVI SINGH	DAV UNIVERSITY	B.B.A (MGT)	8427068273
15.	KANUPREET KAU	DAV UNIVERSITY	B.Sc Maths (4 th sem)	7486540210
16.	ROHIT SINGH	"	B.TECH MECH (MECH)	9478816048
17.	SACHIN SHARMA	"	"	"

Learning Outcomes:

1. Entrepreneurial Opportunities
2. Design and Development

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 st Sem)	<i>Hanshu</i>
2.	PREETSHAN SINGH	DAV UNIVERSITY	B.TECH MECHANICAL (1 st Sem)	<i>Shaan</i>
3.	GAGANPREET SINGH	DAV UNIVERSITY	B.TECH (2 nd Sem) MECHANICAL	<i>Gatagh</i>
4.	VAIBHAV	DAV UNIVERSITY	B.TECH (2 nd SEM) ELECTRICAL	<i>Vaibhav</i>
5.	GUNTAJ PREET SINGH	DAV UNIVERSITY	B.TECH (2 nd MECHANICAL SEM)	<i>Gunraj</i>
6.	HARPREET SINGH	DAV UNIVERSITY	B.TECH (2 nd MECHANICAL SEM)	<i>Harpreet Singh</i>
7.	NIXANDEEP SAINI	DAV UNIVERSITY	B.TECH (3 rd MEC. SEM)	<i>Nixan</i>
8.	PARAMVEER SINGH	DAV UNIVERSITY	B.A.LLB (3 rd Sem)	<i>Param</i>
9.	Gursharan Singh	DAV UNIVERSITY	B.B.A (4 th 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 initials at the bottom of the page.



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)	8427068273
10.	NAVJITH SINGH	DAV UNIVERSITY	B.TECH MECH. (4th sem)	9836694680
11.	SAHIL PREET	DAV UNIVERSITY	B.TECH MECH. (4th sem)	7087143394
12.	Sommet Singh	DAV University	B.Tech Mech (4th sem)	9041022389
13.	Hiranshu	DAV University	B.Tech Mech (4th sem)	6283904469
14.	Randeep Kumar	DAV Unlverslty	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.



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experts



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70870-17553, 1800-1800-190**

 **www.davuniversity.org**

 **admission@davuniversity.org**

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JALANDHAR- 144 012, Punjab**