

SHRI G.S. INSTITUTE OF TECHNOLOGY & SCIENCE, INDORE

NOTE SHEET

File/Ref.No.: Page No.:

Subject:- Institute vehicle to visit Pithampur Auto Cluster , Opposite Veterinary college, A.B. Road Indore 453446. On September 6, 2024 (Friday in second half).

Through:- HMED

A technical visit is proposed for around 30 students of B.Tech.2nd year mechanical engineering on 6th September, 2024 (Friday) at Pithampur Auto Cluster, Mhow campus, Indore. The company is engaged in indigenous manufacturing of international quality custom built industrial tools for automobile components and in technical services centre: - (i) Design and development centre: CAD/CAM/CAE; (ii) Material testing laboratory, (iii) Calibration facility, (iv) CNC 5-axis machining centres, 5-axis CNC EDM, Injection moulding machine, 650T capacity. Around 4-5 faculty members shall also accompany to impart technical information to students and maintain the discipline.

It is requested to provide institute bus along with driver on 6th September, 2024 (Friday) at Pithampur Auto Cluster.

Apart from the bus, it is also requested to approve an advance of RS 4000/- (rupees four thousand only) to meet the working expenses towards breakfast and toll fair for students, bus and the faculty members going for the visit.

31/08/2024
Gangaram Mourya

(Assistant Professor, MED)

Submitted to

The Director

forwarded,
Gangaram
2.9.24

Approved as above

To
vehicle I/c
To make necessary
arrangements

Distur: *Shri B. B. B. B.*
S. S. S. S.

4/9/2024

No.	Date	Time	Sign.
735	2/9/24	2:39pm	<i>AKM</i>

**INDUSTRY VISIT, B. TECH. 2nd YEAR
VENUE: PITHAMPUR AUTO CLUSTER**

Address: Opposite Veterinary College, Mhow, AB Road Indore-453646
Bus Departure date and Time: 06/09/2024, Sharp on 1:00 PM

The name of shortlisted students who will visit the industry (first thirty candidates only).
Incase of Absent, Waiting candidates will be allowed.

Sr.No.	Enrollment No.	Name of Candidates	Mobile Number	CGPA(I st year)	Signature
1		Manvi Mishra	9752798864	8.75	
2	0801P231043	Ishan Sabnis	9752397403	8.7	
3		Satvik Jain	8889049892	8.475	
4		Tisya Yadav	9109647263	8.375	
5		Piyush pandey	8839930099	8.1	
6	0801ME231045	Himanshu Bugalia	8770558571	8.05	
7	0801ME231044	Joanna Teresa Itoop	9329444264	8.03	
8	0801ME231004	Agrim Sahu	7722846577	8.025	
9	0801ME231063	Mayuri Rai	6265196785	7.975	
10	0801GM231058	Mohit wadhwani	8889327555	7.975	
11	0801ME231084	Shailendra Singh Bhadori	8269098477	7.95	
12	0801ME231084	Priyanshi gupta	9329076823	7.95	
13	0801ME231088	Bhavesh saad	8770751539	7.85	
14		Avadhesh Panwar	9109025707	7.85	
15	0801ME231015	Anshul nene	6267749962	7.85	
16	0801ME231037	Devanshi Saikhedkar	9098368711	7.8	
17	0801ME231074	Pradhyuman Chouhan	7440462881	7.8	
18		Jyotirmay Singh Parihar	8319628773	7.78	
19	0801ME231048	Divyesh Kumar Tripathi	7898545001	7.75	
20	0801ME231079	Arun Singh	9165149479	7.725	
21		Apoorv Moghe	7898681789	7.65	
22		Krishna koshti	8959792255	7.6	
23	0801ME231034	Chetan mewada	6265726675	7.6	
24	0801ME231024	Atishay Jain	9131721660	7.55	
25	0801ME231075	Prakhar Shrivastava	8839984408	7.55	
26	0801ME231088	Shivanshu devaliya	7828216063	7.45	
27	0801ME231038	Shivanshu Raj	9039015954	7.425	
28	0801ME231103	Sonam Pal	7067163956	7.37	
29	0801MG231095	Sarvshresth sharma	7987990161	7.35	
30	0801ME231046	Eklavya Singh Parihar	9179941690	7.225	

List of Waiting Candidates

31		Eklavya Singh Parihar	9179941690	7.225	
32		Kumkum choudhary	7067933446	7.1	
33	0801ME231093	Shivansh Yadav	8770738890	7.075	
34	0801ME231114	Yash Patel	9179771166	7.05	
35	0801ME231112	Vibhuti Peeyush Upadhy	8889248410	7.05	
36	0801ME231066	Mrinal Singh Kushwah	9302423510	6.9	
37	0801ME231029	Bhavna Bairagi	8085188782	6.9	
38		Ankur dodke	9399442533	6.85	
39		Piyush Kusliwah	7970224582	6.8	
40		Rishabh dhar Dwivedi	8349089397	6.65	
41		Rishabh dhar Dwivedi	8349089397	6.65	
42		PRASHANSH JANGAL	8269418051	6.62	
43		Prasheel Sharma	9993328176	6.4	
44		Prasheel Sharma	9993328176	6.4	
45		Shubham Pareek	8251092400	6.2	
46		Arnav Solami	7694045501	6.2	
47		ANKIT TIWARI	8815916095	6.1	
48		Pranav Dhoke	9343006675	6	
49		Pavan Tyagi	9301871108	5.75	
50		Chitranshu Shukla	7489502828	5.55	
51	0801ME231064	Mohammed Junaid	7869093199	5.1	

Industry Visit Concerned Faculties

1. Prof. Gangaram Mourya 2. Dr. Mangal Singh Lodhi 3. Prof. Rahul Suman 4. Dr. Shubham Jain

62. 0801ME231038 Siryn varma

53
54
55
Varish Bagri
Anshul
Nidhi Patil

0801ME231111
0801ME231011
0801P231064



 **GPS Map Camera**

Indore, Madhya Pradesh, India

Department Of Electronics and Telecommunication, Vallabh Nagar, Indore, Madhya Pradesh
452001, India

Lat 22.725485°

Long 75.872904°

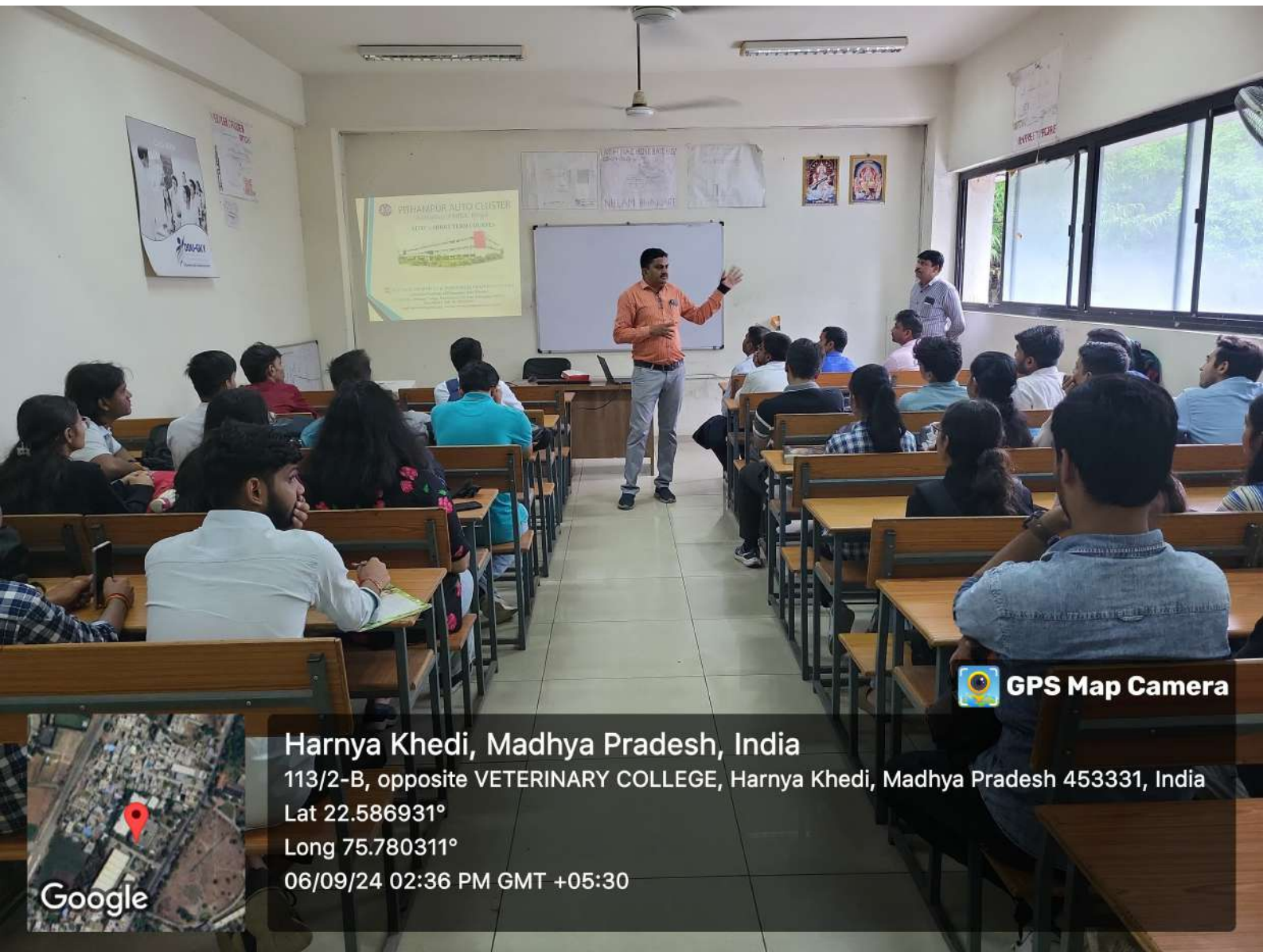
06/09/24 01:09 PM GMT +05:30





Harnya Khedi, Madhya Pradesh, India
Workshop, Harnya Khedi, Madhya Pradesh 453331, India
Lat 22.587125°
Long 75.7801°
06/09/24 03:01 PM GMT +05:30

 GPS Map Camera



 **GPS Map Camera**

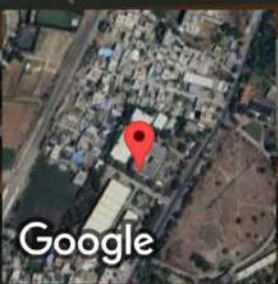
Harnya Khedi, Madhya Pradesh, India

113/2-B, opposite VETERINARY COLLEGE, Harnya Khedi, Madhya Pradesh 453331, India

Lat 22.586931°

Long 75.780311°

06/09/24 02:36 PM GMT +05:30



Google



GPS Map Camera



Harnya Khedi, Madhya Pradesh, India

HQPJ+C69, Harnya Khedi, Madhya Pradesh 453331, India

Lat 22.58601°

Long 75.780737°

06/09/24 04:19 PM GMT +05:30

INDUSTRIAL VISIT REPORT

Place of Visit : Pithampur Auto Cluster (PAC)

Date : 6 sep, 2024.

Submitted by : Sarvshresth Sharma [0801ME231093]

A Batch of 35 students of 3rd Semester from Mechanical Engineering Department along with faculty: Prof. Gangaram Mowya Sir, Dr. Mangal Singh Lodhi. ~~Prof.~~

- The visit was organised by HOD Mechanical Dept. Dr. Sudhir Tiwari Sir
 - The visit was focused around CNC or Computer Numeric Control and its application in manufacturing machines.
- PAC was setup to train and educate engineers as well as operators in operations relating to CNC manufacturing.

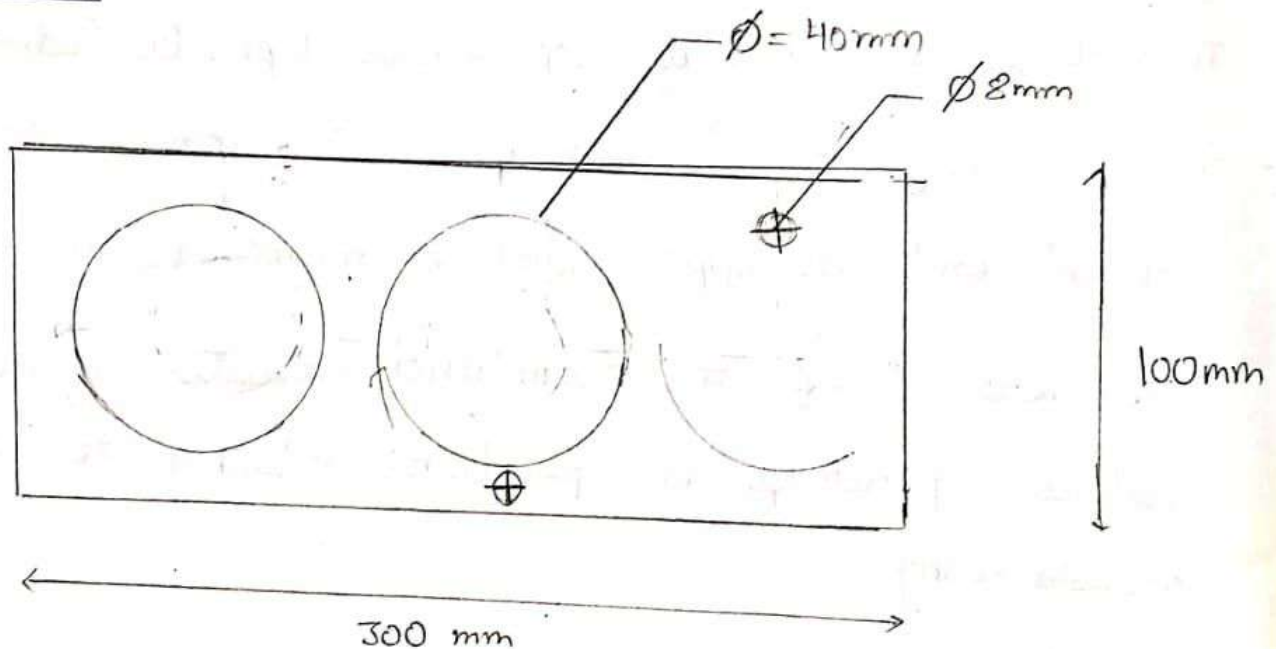
• About CNC technology

- It is automated control of machining tools (such as drills, lathes, mills, etc) by a computer.
- Here CAD (Computer Aided ^{Design} Technology) ~~is used~~, CAM (Computer Aided Manufacturing) is used.
- Machines saw → Vertical CNC by Haas Automation.
→ EDM [Electro Discharge Machining]

Haas verticle ~~At~~ CNC machine

- It has 32 operational tool capacity,
has an Automatic Tool changer.
- Bed size 750 x 450 x 450 cm
- Pneumatic lifting mechanisms were used

Tool made



operations carried out

- Circular Pocket milling
- Drilling : Peck drilling technique was used
to ensure proper removal
of material

1000 TON Hydraulic Press

- which ~~was~~ used dies to mould sheets into desired shaped namely - Door frames of trucks
- companies such as Volvo Eicher, Mahindra, Hero and various others collaborated with PAC for ~~make~~ manufacturing parts

CONCLUSION

- we are thankful ~~for~~ to all our faculties for organising such an Informative even for us, this is crucial for development of our practical skills regarding tools and other machines.
- This visit made by realize the practical application of ~~the~~ concepts we learned ~~ear~~ earlier.
- We hope to get more chances further to have such an informative and wonderful experiences

