

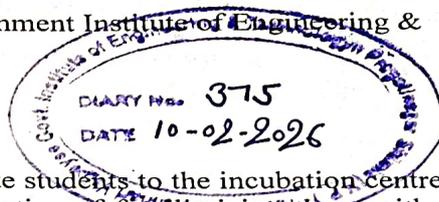
## Exposure Visit Report

**Visit to IIT Mandi Catalyst**

**Dates:** 6-7 February 2026

**Participating Institute:** Atal Bihari Vajpayee Government Institute of Engineering & Technology, Pragatinagar Shimla

**Students:** 30 (15 Boys & 15 Girls)



IIC Conkex =  
Website Co-ordinator

Dr. M  
10/2/26

Dr. P  
10/2/26

10/2/26

### 1. Introduction

An exposure visit was organized for 30 undergraduate students to the incubation centre of IIT Mandi, namely **IIT Mandi Catalyst**, with the objective of familiarizing them with startup ecosystems, innovation hubs, entrepreneurship opportunities, and advanced research laboratories.

The two-day visit provided students with first-hand interaction with startup founders, incubation experts, faculty members, and laboratory facilities, significantly broadening their academic and professional outlook.

### 2. Day-1: Program Highlights at IIT Mandi Catalyst (6 February 2026)

The official schedule of the day included networking sessions, startup interactions, career guidance, and laboratory exposure as detailed below

#### 2.1 Welcome & Orientation

The visit commenced with a networking breakfast followed by an informal welcome address by Mr Kushal Jagota. Students then participated in an interactive introduction session delivered by Mr Anil Singh, CEO Catalyst covering:

- The **Catalyst ecosystem**
- Role of incubation and innovation hubs
- Identifying local and societal problems for entrepreneurial solutions

These discussions helped students understand how academic ideas can be transformed into scalable ventures.

#### 2.2 Startup Interaction Sessions

Students interacted directly with founders from multiple startups, gaining insights into:

- Product ideation
- Funding journeys
- Technical challenges
- Market deployment strategies

A dedicated Q&A session allowed students to clarify doubts regarding entrepreneurship, risk-taking, and career planning beyond conventional placements.

### 2.3 Career Pathways & Government Initiatives

Expert talks highlighted:

- Career options beyond campus recruitment such as startups and government innovation programs
- Internship opportunities
- Participation in Catalyst programs
- Live project collaborations
- Government schemes supporting innovation in Himachal Pradesh

These sessions motivated students to explore entrepreneurship and research-driven careers.

### 2.4 Laboratory Exposure at Catalyst

Students visited:

- **Catalyst Innovation Facilities**
- **Prayasala Lab**
- FDP Lab at the North Campus

The visits gave them a practical understanding of prototyping environments and incubation-supported product development.

### 3. Visits to Research Laboratories (8 February 2026)

On the second day, students explored several advanced laboratories at IIT Mandi, including:

- **Robotics Laboratory** – demonstrations of autonomous systems and control platforms
- **Drone Laboratory** – UAV design, testing environments, and aerial sensing applications
- **Analog & Digital Signal Processing Laboratories** – exposure to real-time signal analysis and hardware implementations

These visits strengthened students' conceptual knowledge by connecting classroom theory with experimental research.

### 4. Tinkering Lab Session

A special session was organized at the Tinkering Lab where students actively engaged with hands-on experiments illustrating basic principles of science and engineering.

Through visual demonstrations and interactive models, students gained a deeper appreciation of:

- Fundamental physics concepts

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Through visual demonstrations and interactive models, students gained a deeper appreciation of:

- Fundamental physics concepts

- Mechanical structures
- Electronics prototyping
- Creative problem-solving approaches

This session was particularly enjoyed by the students, as it emphasized learning through exploration and experimentation.

### 5. Special Academic Achievement

A major highlight of the visit is that **four students** were selected for a **one-week hands-on workshop on “An Introduction to IC Design Tools”** from 19<sup>th</sup>-22<sup>nd</sup> Feb 2026.

This opportunity was offered by **Prof Hitesh Shrimali**, Department of SCEE, IIT Mandi.

This selection is a matter of great pride for the institute and reflects the strong academic impression created by our students during the visit.

### 6. Outcomes of the Visit

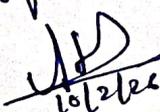
The exposure visit successfully achieved its objectives:

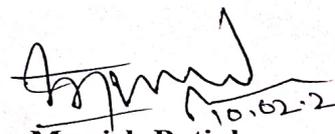
- Enhanced understanding of startup culture and incubation models
- Awareness of government innovation schemes and internship avenues
- Practical exposure to robotics, UAV systems, and signal processing
- Motivation toward entrepreneurship and research
- Recognition of student potential through selection for an IC design workshop

### 7. Conclusion

The two-day exposure visit to IIT Mandi Catalyst proved to be highly enriching and inspirational. It bridged the gap between academic learning and real-world innovation, encouraged entrepreneurial thinking, and opened new research and internship pathways for students.

Such visits play a vital role in shaping technically competent, innovation-driven engineers and are strongly recommended for continued collaboration between the two institutions.

Verified by:  
  
 10/2/26  
 (OIC ECE)

  
 10.02.26  
**Munish Patial**  
 Assistant Director  
 Coordinator Startup Cell  
 Atal Bihari Vajpayee Govt. Institute  
 of Engineering and Technology  
 Pragatinagar, Distt. Shimla,  
 HP-171202



**OFFICE OF THE DIRECTOR/PRINCIPAL**  
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GOVT. INSTITUTE OF ENGINEERING & TECHNOLOGY  
PRAGATINAGAR, P.O. GUMMA TEH – KOTKHAJ  
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Website: <https://www.abvgiet.ac.in>

No. 48

Dated: 04.02.2026

**OFFICE ORDER**

In the supersession of this office order no. 44 dated: 03.02.2026. It is hereby ordered that Sh. Munish Patial AP ECE, Smt. Namita Chandel AP CSE, Sh. Gopal Chand Workshop Instructor ECE and Mr. Mayank Grewal Graduate Apprentice ECE along with 30 number of Electronics & Communication Engineering students (List attached) will be proceed to IIT Mandi via Rewalsar (Historical place) for entrepreneurial exposure visit on dated 6<sup>th</sup> and 7<sup>th</sup> February, 2026.

The whole journey will be performed by Institute bus no. HP 63-5618 driven by Sh. Sunil Kumar Driver (Outsource). The conductor duty during the visit shall be performed by Mr. Arjun Raina Lab Attendant.

All the above-mentioned faculty members, staff and students shall be relieved from their respective duties w.e.f. 05.02.2026 (FN).

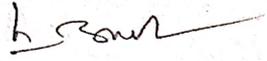
After doing the needful, all concerned will report to the undersigned immediately.

All the expenses will be born out of SWF under Rule 3(A) clause no. 8.

— sd —  
**Prof. (Dr.) Umesh C Rathore**  
Director/Principal  
ABVG IET, Pragatinagar  
Distt. Shimla HP 171202  
Dated: 04.02.2026

Endstt. No. ABVG IET/Trg./Misc/2025-340-345  
Copy to:

1. The Director Technical Education, Vocational and Industrial Training HP Sundernagar Distt. Mandi – 175018 for kind information please.
2. The Director IIT(Indian Institute of Technology) Kamand Campus, Distt. Mandi, HP – 175075 for information.
3. OIC Academics for information
4. OIC ECE for information.
5. All the above named Officer & Official for information & necessary compliance.
6. Cashier (SWF B.Tech Wing) for information.

  
**Prof. (Dr.) Umesh C Rathore**  
Director/Principal  
ABVG IET, Pragatinagar  
Distt. Shimla HP 171202

### Undertaking Letter - Students

We, the students of 4<sup>th</sup> & 6<sup>th</sup> Semester, Department of Electronics & communication Engineering in Atal Bihari Vajpayee Govt. Institute of Engineering and Technology, Pragatinagar herewith voluntarily submitting the under taking that we are going on study tour to educational institutions IIT MANDI and other historical places in Mandi District ( Naina Devi Temple Rewalsar, Prashar Temple, Maa Hateshwari Temple (Drouda Dhar) Sundernagar and Bhima Kaali temple Mandi). organized by our Institute scheduled during 5<sup>th</sup> February to 8<sup>th</sup> Febuary-2026, with our full acceptance. We ensure that we shall obey the instructions of the faculty members who are accompanying during this tour/visit. Faculty and staff of ABVGIET Pragatinagar will not be held responsible for any mishap/eventualities during the trip.

Sr.No	Roll No.	Name	Signature
1.	240206010076	Akash Gasni	Akash
2.	240206010089	Harshit Bharti	Harshit
3.	240206010078	Akshit Sharma	Akshit
4.	240206010105	Rajat Thakur	Rajat I
5.	240206010115	Shivam	Shivam
6.	240206010084	Bhupesh Thakur	Bhupesh
7.	240206010094	Kunal Thakur	Kunal Thakur
8.	240206010113	Shailendra Yadav	Shailendra
9.	240206010106	Riya Bhardwaj	Riya
10.	240206010096	Mehak Sharma	Mehak
11.	240206010092	Komal Preet Kaur	Komal preet
12.	240206010088	Seetanjali	Seetanjali
13.	240206010103	Priyanka	Priyanka
14.	240206010082	Ayushi	Ayushi
15.	2520206006	RANJNA	Ranjana
16.	240206010099	Nikita	Nikita
17.	240206010101	Pragya Thakur	Pragya Thakur
18.	240206010098	Nandini Thakur	Nandini
19.	23010204002	Adarsh	Adarsh
20.	23010204005	Alpa Jaswal	Alpa Jaswal
21.	23010204006	Amrik Singh	Amrik
22.	23010204014	Ayush Dhiman	Ayush Dhiman
23.	23010204019	Gaurav Gautam	Gaurav
24.	23010204027	Nishant Rana	Nishant Rana
25.	23010204031	Ritika Sharma	Ritika
26.	23010204034	Sakshi Thakur	Sakshi Thakur
27.	23010204037	Samia Pathania	Samia
28.	23010204042	Vanshika	Vanshika
29.	240206020009	Prashant Kajla	Prashant kajla
30.	22010204021	Naveen Kumar	Naveen kumar

**Schedule: Exposure visit of Students from Atal Bihari Vajpayee Govt. Institute of Engineering & Technology, Date: Feb. 06, 2026**

09:00- 09:45 AM	Networking Breakfast	Sponsored by IIT Mandi Catalyst
10:00- 10:10 AM	Informal Welcome to all attendees at IIT Mandi Catalyst	Mr. Kushal Jagota
10:10- 10:40 AM	<b>Interactive introduction session</b> Brief introduction of: <ul style="list-style-type: none"> <li>• Catalyst ecosystem</li> <li>• Role of incubation &amp; innovation hubs</li> <li>• What problem would you like to solve in your hometown/college?</li> </ul>	Mr. Anil Singh
10:40 - 10:45 AM	<b>Startup Interaction with Students</b>	Startup Intro by Ms. Rewati
10:45-11:00 AM	Hito Robotics	Mr. Harshit, Co-founder
11:00- 11:15 AM	Aquagro	Ms. Kalyani & Mr. Joshi Kumar- Co-Founders
11:15-11:30 AM	Nirwana Grid	Mr. Abhay Gupta- Founder
11:30- 11:40 PM	<b>Followed by Q&amp;A</b>	Founders
11:40- 12:00 PM	<b>Career Pathways &amp; Opportunities</b> <ul style="list-style-type: none"> <li>• Career options beyond placements: <ul style="list-style-type: none"> <li>○ Startups</li> <li>○ Govt. innovation programs</li> </ul> </li> </ul>	Mr. Manish Singh
12:00- 12:20 PM	<ul style="list-style-type: none"> <li>• Opportunities for engineering students</li> </ul>	Ms. Minni Kaur
12:20- 12:40 PM	<ul style="list-style-type: none"> <li>• How students can: <ul style="list-style-type: none"> <li>○ Join Catalyst programs</li> <li>○ Apply for internships</li> <li>○ Work on live projects</li> </ul> </li> </ul>	Dr. Vipasha Sharma
12:40- 01:00 PM	<ul style="list-style-type: none"> <li>• Govt. schemes &amp; innovation opportunities for HP students</li> </ul>	Mr. Abhijeet Panigrahi
01:00 - 02-00 PM	<b>Networking Lunch</b>	Sponsored by IIT Mandi, Catalyst
02:00- 02:30 PM	<b>Catalyst, Prayasala Lab visit &amp; Exposure</b>	Mr. Kushal
02:30-02:40 PM	Group Photo	IIT Mandi Catalyst
03:00- 03:30 PM	<b>FDP Lab, Visit at North Campus, IIT Mandi</b>	Coordination by Mr. Kushal