



HEI Response: Metric ID 1.3.4

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DVV Clarification to Metric ID 1.3.4.1

1.3.4 : Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).

1.3.4.1 : Number of students undertaking field projects or research projects or internships.

1. List of students undertaking the field projects/ research projects / internship program-wise during the last completed academic year along with the details of title, place of work etc., duly signed by competent authority.
2. Completion certificate from the organization where the internship / research project was completed along with the duration of the same is to be provided.
3. Report of the field visit / sample photographs of the field visit / permission letter from the competent authority only will be considered

HEI Response: (A) Students undergoing field project/ research projects

The list of students undergoing field project/ research projects along with completion certificates duly signed by competent authority is given in Table 1 below:

Table 1: Links to Research Projects/ Field Projects

1. List of Students signed by competent authority	https://hbtu.ac.in/naac/HAIResponse/research.xlsx
2. Completion certificate along with list containing the details of title, place of work and duration	https://hbtu.ac.in/naac/HAIResponse/ccp.pdf



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HEI Response: (B) Students undergoing internships

The list of students undergoing internships along with completion certificates duly signed by competent authority is given in Table 2 below:

Here it is worthwhile to mention that, the majority of students undergo mandatory internship in industries related to their respective branch of study. They get industry exposure during the internship period and in most of the cases, they are associated to the ongoing activities of the industry and as such, no specified title of the internship is allotted to them. Although, in case of some of the branches like Computer Science & Engineering, Information Technology, Master of Computer Applications etc. the specified project is given to the students. The details of those students related to title (wherever applicable, place of work), etc. are provided in the completion certificate in the link to Completion Certificates given in the table below

Table 2: Links to Students undergoing Internship

1. List of Students signed by competent authority	https://hbtu.ac.in/naac/HAIResponse/intern.xlsx
2. Completion certificate along with list containing the details of title, place of work and duration	https://hbtu.ac.in/naac/HAIResponse/cci.pdf


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HEI Response: (C) Report of the field visits/ sample Photographs

As per the ordinance of the University, research projects and internships are a mandatory part of the curriculum and all third year as well as final year students have to undergo projects and internships. Besides this optional internships are also done by the students of other years.

Here it is worthwhile to mention that, although, field projects are not a regular part of the curriculum yet in order to give practical exposure and hands on experience to the students, various field visits are carried out by different departments. Sample reports and photographs of these field visits are attached from page nos. 5 to 11.

Regarding, the permission letter from the competent authority, HEI wants to state that, correspondences related to the visits is normally done telephonically on personal basis. Therefore, it is not possible to provide formal permission letter from that organization. However, University permits and encourages the departments for these activities on regular basis.


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Report on “One Day Visit to Leather Industry”

Industry Name: Smit & Zoon India Private Limited

Date: 28/09/2021

Description:

Forty five students of the Leather Technology Department, HBTU, Kanpur led by Head of the Department, Mr. Sumant Chatterjee, and Asst. Prof. Dr. Pramendra Gaurh visited the leather works of Smit & Zoon India Private Limited, an entity that has been engaged in the business of chemicals used in leather processing, on September 28th, 2021, located in the Jajmau, Kanpur.

During the visit, the students interacted with, General Managers, Mr. Anurag Singh, and Technical Officer Ms Tanvi Srivastava which helped them to learn about the latest development in leather manufacturing especially beamhouse and tanning process. Students were also made aware, as part of the welcome address by the company executives, about the exacting quality standards that exporters have to follow.

In the end, the students were fascinated to see the huge amount of work – requiring diverse skill sets and specialised expertise that goes into the making of even the most innocuous of objects.

Participants: All students of 2nd, 3rd, and Final Year along with faculties of Leather Technology Department


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Photographs of the Visit



Students interacting with Industrial Officials



Students learning about the different type of processed leather



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Group photo inside Industry

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Report of the Field Visit organized by the Department of Civil Engineering

- **Water Treatment plant Ganga barrage, Kanpur**
- **Sewage Treatment plant Jajmau, Kanpur**
- **Wastewater Treatment plant at Bingawan, Kanpur**

It has been observed that the employability skills of most of today's engineering graduates are far from satisfactory because the present academic programmes do not offer adequate opportunities to get the requisite on-job training/practical/industry exposure during their graduation. This limits their technical know-how and competency to theoretical knowledge only. As a step to address this issue, the Department of Civil Engineering of this institute organized a field visit to Water Treatment plant Ganga barrage, Kanpur, Wastewater Treatment plant Jajmau, Kanpur and Wastewater Treatment plant at Bingawan on November 1 and 2, 2018. Prof. Dipteek Parmar and Prof. Sunil Kumar of Civil Engineering Department were coordinators of the programme. Around 103 participants (B.Tech 4th year, B.Tech 3rd year, M.Tech 2nd yr students) visited these sites.



Students traveling for Field Visit to the Sewage treatment plant at Jajmau/Bingawan on



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Field visit to Wastewater Treatment plant- Screen Chamber at Jajmau, Kanpur



Field visit to Wastewater Treatment plant- Aeration Tank of ASP at Jajmau, Kanpur



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Field visit to UASB Based Wastewater Treatment plant at Bingawan, Kanpur



Field visit to UASB Based Wastewater Treatment plant- Sump cum collection well / SPS at Bingawan, Kanpur