

# **Haldia Institute of Technology**



**Academic Audit Report 2022-23**

**of**

**Department of Civil Engineering**

## **Internal Audit Committee**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Responsibility</b>
1	Prof. (Dr) Sasank Shekhar Hota	Professor	Chairperson
2	Dr. Bijoli Mondal	Associate Professor	Convenor
3	Mr. Abhishek Naskar	Assistant Professor	Member
4	Mr. Ajit Kumar Paria	Assistant Professor	Member
5	Mr. Saikat Shome	Assistant Professor	Member
6	Mr. Debanjan Das	Assistant Professor	Member

# ACADEMIC AUDIT CERTIFICATE

(Internal Audit)

This to certify that an Academic Audit for Civil Engineering Department of Haldia Institute of Technology (HIT), ICARE Complex, Hatiberia, Haldia, Dist.: Purba Medinipur, West Bengal, Pin: 721657 has been conducted in July - August 2023 to assess the performance of academic activity of the department.

Place: HIT, Haldia

Date: 24<sup>th</sup> August, 2023



**Prof. (Dr.) Sasank Shekhar Hota**

**Chairman and Head  
Department Civil Engineering  
Haldia Institute of Technology**



**Dr. Bijoli Mondol**

**Associate Professor  
Department Civil Engineering  
Haldia Institute of Technology**

**ACADEMIC AUDIT REPORT  
2022-23**

**CRITERION 1: CURRICULAM**

<b>Sl. No.</b>	<b>Items</b>	<b>Verification Yes/ No</b>	<b>Comments</b>	<b>Suggestions for improvement</b>
1.	Steps followed In the designing of syllabus & curriculum	Yes	Followed by MAKAUT old & new syllabus and Autonomy Syllabus	Not Applicable
2.	Contents of the Curriculum	Yes	Followed by MAKAUT old & new syllabus and Autonomy Syllabus	Not Applicable
3.	Validation done	Yes	Followed by MAKAUT old & new syllabus and Autonomy Syllabus	Not Applicable
4.	Credits allotted / distribution logic	Yes	Followed by MAKAUT old & new syllabus and Autonomy Syllabus	Not Applicable

**CRITERION 2: CURRICULAM TRANSACTION**

1.	Teaching methods & teaching aids	Yes	Power Point Presentation, Project, Seminar. Industrial training, ICT, Google Meet,	Active learning system should be incorporated.
2.	E-learning modules	Yes	Lecture material uploaded on college website	More modules need to be developed
3.	Project work UG/PG	Yes	Mid-Sem evaluation	More publication needed
4.	Internal assessment components Uniqueness	Yes	Class test, Assignment, Technical Quiz, Mini Project, Attendance	Questions should be mapped with CO as far as possible
5.	Student support remedial coaching	Yes	Topic based discussion with prior notification from the department	Frequent remedial classes needed for weak students
6.	Parents meeting evaluation of students progress	Yes	Result published on University and Institute website	Parent meetings should be held on regular basis
7.	Feedback from students	Yes	Online feedback taken through feedback form	No comment
8.	Steps taken on the feedback	Yes	As per student feedback remedial action have been taken	Not Applicable

<b>CRITERION 3: FACULTY PROFILE</b>				
<b>Sl. No.</b>	<b>Items</b>	<b>Verification Yes/ No</b>	<b>Comments</b>	<b>Suggestions for improvement</b>
1.	Projects completed/ ongoing	Yes	Consultancy of KOPT Completed. Others are under process	Not Applicable
2.	Seminars / conferences attended	Yes	Attended number of webinar, conference attended	Satisfactory
3.	Papers/ articles/ books published / Patent	Yes	List of publications are displayed in departmental website, notice Board	Published in high impact factor journal
4.	FDP/RC/OC/ Training Program / Workshop	Yes	FDP attended 'Outcome based teaching learning and research methodology', organised by Academic staff development centre, IQAC, HIT, HALDIA	Satisfactory.
5.	Preparation of E-learning materials/ Content	Yes	Available on Institute website	Not sufficient
6.	Acted as resource persons	Yes	Invited Talk in offline seminar.	Sufficient initiatives have taken to organise offline and online seminar.
<b>CRITERION 4: PROFILE OF STUDENTS</b>				
1.	Sanctioned Strength	Yes	120 per year +10% Lateral	NA
2.	Actual Strength	Yes	381	Need to increase.
3.	Mentor Allocation	Yes	Well maintained students mentorship	Excellent
4.	Mentor allocation ratio	Yes	20:1	Excellent
5.	Students involvement in extra-curricular & Co-curricular activities	Yes	Active CIVILEPOCH-IEI Student Chapter Annual sports etc.	Excellent
6.	Study tour / industrial visits / exhibitions / Internship / Training	Yes	Industrial visits. Exhibitions, Internship, Training	Need more improvement.
7.	Achievements	Yes	Awards from various competitions 02 Qualified in GATE	Need to improve

<b>CRITERION 5: INFRASTRUCTURE IN THE DEPARTMENT ,</b>				
<b>Sl. No.</b>	<b>Items</b>	<b>Verification Yes/ No</b>	<b>Comments</b>	<b>Suggestions for improvement</b>
1.	No. of Class rooms	Yes	4	Need to improve
2.	Mo. of Laboratories	Yes	7	Need to improve
3.	No. of computers - for Teachers	Yes	10	Need to improve
4.	No. of computers - for students	Yes	16	Need to improve
5.	No. of Experimental Setups	Yes	As per MAKAUT/ Autonomous Syllabus	Excellent
6.	No. of Instruments	Yes	As per the Syllabus	Excellent
7.	Departmental Library	Yes	No. of Title: 292 nos. No. of Books: 740	Need to improve
8.	Internet Connectivity	Yes	52 Mbps	Satisfactory
<b>. CRITERION 6: ACTIVITIES OF THE DEPARTMENT</b>				
1.	Consultancy	Yes	05	Excellent
2.	Collaborations	Yes	NHAI	Upgradation needed
3.	Guest Lectures	Yes	Nil	Upgradation needed
4.	Conference / Seminar / Workshop conducted	Yes	03	Satisfactory
5.	Interaction with Industry / Research Centres / Educational Institutions	Yes	Regular Interaction with NIT Durgapur, Jadavpur University, IEST Shibpur, KOPT, IOCL	Excellent
6.	Newsletter / Magazine	Yes	Yearly Newsletter and wall Magazine	Satisfactory
7.	Placement	Yes	85%	Improvement Required