

HARCOURT BUTLER TECHNICAL UNIVERSITY, KANPUR
Dean (Continuing Education and Internal Quality Assurance)
Internal Quality Assurance Cell (IQAC)

Summary Sheet of Academic Audit of the Department

1. **Name of the Department:** *Mathematics*
2. **Name and Designation of Auditor:** *Prof. Sharmishtha Mitra*
3. **Date of Audit:** *24/04/2026*

Sl. No.	Items	Sub-Item (s)	Max. Score	Acquired Score
A.	Academics	A.1. Teaching and Learning	120	86
		A.2. Industry – Institute Interaction	30	23
		A.3. Laboratory Development	50	10
B.	Research	--	70	54
C.	Outreach Activities	--	70	54
D.	Departmental Infrastructure and Human Resources	--	90	56
E.	Integration of Recent Advancements	--	70	52
F.	Outcomes	--	50	40
Total Score			550 540	365

(Five Hundred Ten only)

<p>Strengths</p> <ol style="list-style-type: none"> 1. Course Curriculum, well thought out academic load & stringent evaluation process. 2. e-assisted learning mechanisms 3. Well feedback mechanisms from all stakeholders. 4. started two sought after programs inspite of faculty shortage 	<p>Opportunities</p> <ol style="list-style-type: none"> 1. BS-MS students and M.Sc. students have good opportunities to be absorbed in academics as well as industry due to well structured course curriculum. 2. Inclusion of industry experts for expert lectures / BOS members etc. 4.
<p>Weaknesses</p> <ol style="list-style-type: none"> 1. The current faculty strength is alarmingly low. 2. Data Science program without a single lab. 3. Lack of faculties from diverse areas. 	<p>Challenges</p> <ol style="list-style-type: none"> 1. Hiring faculty members in diverse areas specially for data science. 2. Development of dedicated lab space, conference room, seminar room etc. 3. Financial support to faculty members

Lee
Sharmishtha Mitra
MS





4.	* and students for attending conferences and seminars nationally & internationally
----	--

General Remarks:

1. Increase in faculty strength specially in the area of data science.
2. Inter departmental collaboration with computer science, electrical engg. etc. is required.
3. State-of-the-art lab facilities, a good and well-structured departmental library, a conference room, more seating space for faculty members and research scholars must be taken care of.

Decision about the state of academic processes and their outcomes: Good / Medium / Poor
 (Please tick any one)

Signatures with date:

 <u>24/04/2026</u> HoD	 <u>24.04.2026</u> Dean of School	 <u>24/04/2026</u> Auditor	 Dean/Associate Dean/Assistant Dean CEIQA or Academic Audit Coordinator
--	---	--	--

Date: 24/04/2026

Place: HBTU, Kanpur