



HERITAGE INSTITUTE OF TECHNOLOGY

AN AUTONOMOUS INSTITUTE UNDER MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WB, INDIA

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| NAME-SURNAME | JISHNU SARATHI DEB |
| FATHER'S NAME | SALIL BEHARI DEB |
| DATE OF BIRTH | 24th October 1996 |

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|-------------------|---------------------------|
| STUDENT ROLL NO | 12823110005 |
| REGISTRATION NO | 231260410012 OF 2023-2024 |
| DEGREE-DEPARTMENT | MTECH - BIOTECHNOLOGY |

| ACADEMIC YEAR: | | 2024 | | | |
|-----------------------|---|-------|-------|--------|---------------|
| SEMESTER: | | FIRST | | | |
| COURSE- CODE | COURSE NAME | GRADE | POINT | CREDIT | CREDIT POINTS |
| BIOT 5101 | ADVANCED GENETIC ENGINEERING | O | 10 | 3 | 30 |
| BIOT 5102 | PHYSICOCHEMICAL TECHNIQUES IN BIOTECHNOLOGY | E | 9 | 3 | 27 |
| BIOT 5103 | RESEARCH METHODOLOGY, BIOETHICS & IPR | A | 8 | 2 | 16 |
| BIOT 5104 | ADVANCED ENZYME TECHNOLOGY | O | 10 | 3 | 30 |
| BIOT 5142 | ADVANCED ENVIRONMENTAL BIOTECHNOLOGY | O | 10 | 3 | 30 |
| DIMA 5116 | DISASTER MANAGEMENT | A | 8 | 0 | 0 |
| BIOT 5151 | ADVANCED GENETIC ENGINEERING LAB | O | 10 | 2 | 20 |
| BIOT 5152 | PHYSICOCHEMICAL TECHNIQUES LAB | E | 9 | 2 | 18 |
| SGPA: (1ST SEMESTER): | | 9.5 | | | |

| ACADEMIC YEAR: | | 2024 | | | |
|-----------------------|---|--------|-------|--------|---------------|
| SEMESTER: | | SECOND | | | |
| COURSE- CODE | COURSE NAME | GRADE | POINT | CREDIT | CREDIT POINTS |
| BIOT 5201 | ADVANCED BIOINFORMATICS | O | 10 | 3 | 30 |
| BIOT 5202 | ADVANCES IN BIOREACTOR DESIGN, DEVELOPMENT AND SCALE UP | O | 10 | 3 | 30 |
| BIOT 5203 | ADVANCED CELL BIOLOGY AND IMMUNOTECHNOLOGY | O | 10 | 3 | 30 |
| BIOT 5232 | GENOMICS AND PROTEOMICS | E | 9 | 0 | 0 |
| BIOT 5241 | BIOPROCESS TECHNOLOGY | O | 10 | 3 | 30 |
| BIOT 5251 | ADVANCED BIOINFORMATICS LAB | O | 10 | 2 | 20 |
| BIOT 5252 | BIOREACTOR DESIGN AND SCALE UP LAB | O | 10 | 2 | 20 |
| BIOT 5293 | TERM PAPER AND SEMINAR | O | 10 | 2 | 20 |
| SGPA: (2ND SEMESTER): | | 10 | | | |
| YGPA 1: | | 9.75 | | | |

| ACADEMIC YEAR: | | 2025 | | | |
|-----------------------|---|-------|-------|--------|---------------|
| SEMESTER: | | THIRD | | | |
| COURSE- CODE | COURSE NAME | GRADE | POINT | CREDIT | CREDIT POINTS |
| BIOT 6121 | ENGINEERING MATHEMATICS AND BIOSTATISTICS | A | 8 | 3 | 24 |
| BIOT 6132 | BIOPHARMACEUTICALS | O | 10 | 3 | 30 |
| BIOT 6195 | DISSERTATION-I / INDUSTRIAL PROJECT | O | 10 | 10 | 100 |
| SGPA: (3RD SEMESTER): | | 9.63 | | | |

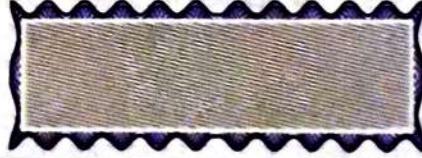
| ACADEMIC YEAR: | | 2025 | | | |
|-----------------------|-------------------------|--------|-------|--------|---------------|
| SEMESTER: | | FOURTH | | | |
| COURSE- CODE | COURSE NAME | GRADE | POINT | CREDIT | CREDIT POINTS |
| BIOT 6295 | DISSERTATION II | O | 10 | 14 | 140 |
| BIOT 6297 | COMPREHENSIVE VIVA-VOCE | O | 10 | 2 | 20 |
| SGPA: (4TH SEMESTER): | | 10 | | | |
| YGPA 2: | | 9.81 | | | |
| CGPA: | | 9.78 | | | |

Dated: Kolkata, the 27th July, 2025

This transcript is original if when viewed against UV Light, Institute's Emblem becomes visible.

HIT

Registrar



Controller of Examinations /
Dy. Controller of Examinations