



भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद  
INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD  
धनबाद / DHANBAD - 826004

अस्थायी प्रमाण-पत्र  
PROVISIONAL CERTIFICATE

क्रमांक /No.2019/ **591**

दिनांक /Dated ..... 23/05/2019 .....

प्रमाणित किया जाता है कि श्री/श्रीमती/कु० This is to certify that Mr./Mrs./Ms.

**BIDHAN BHUNIA**

प्रवेश संख्या / Admission No. .... 17MS000448 ..... ने इस संस्थान की अंतिम / has passed the final

**MASTER OF SCIENCE (MATHEMATICS AND COMPUTING )**

परीक्षा उत्तीर्ण की जो / Examination of this Institute held in ..... APRIL, 2019 ..... में आयोजित की गई।

उन्होंने / He/She has obtained ..... 8.19 ..... सी.जी.पी.ए. प्राप्त किया जो अधिकतम 10.00 था

/C.G.P.A. out of a maximum of 10.00.

जाँचकर्ता  
Checked by



संयुक्त कुलसचिव (परीक्षा एवं शैक्षणिक)  
Joint Registrar (Examination & Academic)

Joint Registrar  
(Examination & Academic)  
Indian Institute of Technology

डिग्री प्राप्त करने के लिए सभी आर्हताओं को पूरा कर चुका है, यह प्रमाण पत्र अस्थायी रूप से जारी किया जाता है। इसकी मान्यता स्थायी डिग्री प्राप्त करने तक की है।  
He/She has fulfilled all the requirements for award of degree and this certificate is issued in lieu of degree certificate and valid till the issue of degree certificate.



**भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद**  
**INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD**  
 धनबाद / DHANBAD-826004, भारत / INDIA

IITDHN 2017/ 3484

**समेकित ग्रेड कार्ड / CONSOLIDATED GRADE CARD**

**Name:** BIDHAN BHUNIA  
**Admission No:** 17MS000448

**Course:** MASTER OF SCIENCE  
**Branch:** MATHEMATICS AND COMPUTING

1 SEMESTER EXAMINATION	2017-18	MONSOON	REGULAR
SUBJECT	CR. HRS.	CR. PTS.	GRADE
PROBABILITY & STATISTICS	7	63	A
ORDINARY AND PARTIAL DIFFERENTIAL EQUATIONS	9	90	A+
DISCRETE MATHEMATICS	7	56	B+
DIGITAL ELECTRONICS AND COMPUTER ORGANIZATION	7	49	B
COMPUTER PROGRAMMING	6	54	A
STATISTICS LAB	3	27	A
DIGITAL ELECTRONICS AND COMPUTER ORGANIZATION LAB	3	27	A
COMPUTER PROGRAMMING LAB	3	27	A
<b>Result: PASS</b>	<b>45</b>	<b>393</b>	<b>GPA: 8.73</b>

2 SEMESTER EXAMINATION	2017-18	WINTER	REGULAR
SUBJECT	CR. HRS.	CR. PTS.	GRADE
COMPLEX ANALYSIS AND MEASURE THEORY	7	63	A
STATISTICAL INFERENCE	7	63	A
DATA BASE MANAGEMENT SYSTEMS	6	42	B
DATA STRUCTURES	6	30	C
OPERATING SYSTEMS	7	49	B
STATISTICAL INFERENCE LAB	3	27	A
DATA BASE MANAGEMENT SYSTEMS LAB	3	27	A
DATA STRUCTURES LAB	3	27	A
OPERATING SYSTEMS LAB	3	27	A
COMPOSITE VIVA VOCE	4	32	B+
<b>Result: PASS</b>	<b>49</b>	<b>387</b>	<b>GPA: 7.90</b>

3 SEMESTER EXAMINATION	2018-19	MONSOON	REGULAR
SUBJECT	CR. HRS.	CR. PTS.	GRADE
FUNCTIONAL ANALYSIS	7	70	A+
SOFTWARE ENGINEERING	7	35	C
ADVANCED ALGEBRA	7	56	B+
SOFTWARE ENGINEERING LAB	3	27	A
PROJECT AND SEMINAR	6	48	B+
COMPUTER NETWORKS	7	49	B
MATHEMATICAL ECOLOGY	7	63	A
<b>Result: PASS</b>	<b>44</b>	<b>348</b>	<b>GPA: 7.91</b>

4 SEMESTER EXAMINATION	2018-19	WINTER	REGULAR
SUBJECT	CR. HRS.	CR. PTS.	GRADE
DESIGN AND ANALYSIS OF ALGORITHM	6	42	B
ADVANCE NUMERICAL METHODS	6	54	A
TOPOLOGY	7	49	B
OPTIMIZATION TECHNIQUES	7	63	A
INTEGRAL TRANSFORM AND INTEGRAL EQUATIONS	7	56	B+
DESIGN AND ANALYSIS OF ALGORITHM LAB	3	18	C+
ADVANCE NUMERICAL METHODS LAB	3	30	A+
SEMINAR ON PROJECT	6	48	B+
PROJECT/DISSERTATION	6	60	A+
CO-CURRICULAR ACTIVITY	3	24	B+
<b>Result: PASS</b>	<b>54</b>	<b>444</b>	<b>GPA: 8.22</b>

**RESULT: PASS**

**CUMM\_HRS: 192**

**CUMM\_POINTS: 1572**

**OGPA: 8.19**

**DATE: 15 MAY 2019**



**VERIFIED**

**CHECKED**

**JT. REGISTRAR (EXAM & ACAD)**

(कृपया पिछला पृष्ठ देखें / PLEASE SEE OVERLEAF)