

दीक्षांत समारोह
Convocation Ceremony

MOHAMMAD AREEB
BTTECH/ EE
Roll No. 160403

भारतीय प्रौद्योगिकी संस्थान कानपुर
Indian Institute of Technology Kanpur

विद्या परिषद की अनुशंसा पर
भारतीय प्रौद्योगिकी संस्थान कानपुर
के संचालक मण्डल द्वारा
मोहम्मद अरीब
को
प्रौद्योगिकी स्नातक
की उपाधि
विद्युत अभियांत्रिकी
में निर्धारित अर्हताएँ सफलतापूर्वक पूर्ण कर लेने पर
वाईस अक्टूबर दो हजार बीस को कानपुर में
प्रदान की गयी।



THE BOARD OF GOVERNORS
OF THE
INDIAN INSTITUTE OF TECHNOLOGY KANPUR
UPON THE RECOMMENDATION OF THE SENATE
HEREBY CONFERS ON
MOHAMMAD AREEB
THE DEGREE OF
BACHELOR OF TECHNOLOGY
IN
ELECTRICAL ENGINEERING
ON HAVING SUCCESSFULLY COMPLETED THE
PRESCRIBED REQUIREMENTS

GIVEN AT KANPUR ON THIS TWENTY SECOND DAY OF OCTOBER
TWO THOUSAND TWENTY.

अध्यक्ष, संचालक मण्डल
CHAIRPERSON
BOARD OF GOVERNORS

कुलसंघिव
REGISTRAR

अध्यक्ष, विद्या परिषद
CHAIRPERSON
SENATE



भारतीय प्रौद्योगिकी संस्थान कानपुर

Indian Institute of Technology Kanpur

शैक्षिक कार्यालय

ACADEMIC AFFAIRS' OFFICE

डाकघर - आई. आई. टी., कानपुर - 208 016 (भारत)
Post Office : I.I.T. Kanpur - 208 016 (India)

कार्यालय: Office : (0512) 2597288/7235/7199 • ई-मेल /e-mail : doaa@iitk.ac.in

No. A(U)/LIII_Con/CC160403
July 31, 2020

Character Certificate

This is to certify that **Mr. MOHAMMAD AREEB**, Roll No. **160403**, was a bona fide student of this Institute from July 2016 to July 2020.

He has successfully completed all the requirements for the award of the degree of **Bachelor of Technology in Electrical Engineering in July 2020**.

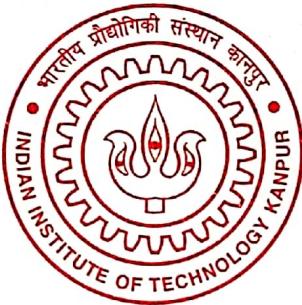
To the best of my knowledge, his conduct and character during his stay at this Institute were good.

**Assistant Registrar
Academic Affairs**

सहायक कुलसचिव (शैक्षिक कार्य)
Assistant Registrar (Academic Affairs)
भारतीय प्रौद्योगिकी संस्थान, कानपुर
Indian Institute of Technology, Kanpur



भारतीय प्रौद्योगिकी संस्थान कानपुर Indian Institute of Technology Kanpur



No. A/LIII/BTech/EE/**160403**
July 31, 2020

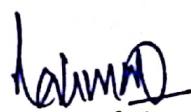
Certificate for Minor

This is to certify that **Mr. MOHAMMAD AREEB (Roll NO. 160403)**, a student of **Bachelor of Technology** programme in the Department of **Electrical Engineering**, has successfully completed the requirements for the **MINOR** as detailed below:

Minor	Department
MACHINE LEARNING & APPLICATIONS	COMPUTER SCIENCE & ENGINEERING

He is hereby awarded the above mentioned Minor along with the degree of Bachelor of Technology in Electrical Engineering.




**Assistant Registrar
(Academic Affairs)**
सहायक कुलसमिति (शैक्षिक कार्य)
Assistant Registrar (Academic Affairs)
भारतीय प्रौद्योगिकी संस्थान, कानपुर
Indian Institute of Technology, Kanpur



INDIAN INSTITUTE OF TECHNOLOGY KANPUR
ACADEMIC SECTION
GRADE REPORT

Page 1 of 2

Roll No. : 160403

Name : MOHAMMAD AREEB

Department : ELECTRICAL ENGG.

Degree : BACHELOR OF TECHNOLOGY

Year & Semester	Course No.	Course Title	Credit	GRADE	SPI	CPI
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2016-17 FIRST	LIF101A	INTRODUCTION TO BIOLOGY	6	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2016-17 FIRST	MTH101A	MATHEMATICS I	11	C		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2016-17 FIRST	PE101A	MORNING EXERCISE	3	S		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2016-17 FIRST	PHY101A	PHYSICS LABORATORY	3	A		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2016-17 FIRST	PHY102A	PHYSICS-I	11	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2016-17 FIRST	PSY151A	INTRODUCTION TO PSYCHOLOGY	11	A		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2016-17 SECOND	TA101A	ENGINEERING GRAPHICS	9	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2016-17 SECOND	CHM101A	CHEMISTRY LABORATORY	3	A		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2016-17 SECOND	CHM102A	GENERAL CHEMISTRY	8	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2016-17 SECOND	ESC101A	FUNDAMENTAL OF COMPUTING	14	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2016-17 SECOND	MTH102A	MATHEMATICS - II	11	C		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2016-17 SECOND	PE102A	EVENING EXERCISE	3	S		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2016-17 SECOND	PHY103A	PHYSICS-II	11	C		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2017-18 FIRST	COM200	COMMUNICATION SKILLS: COMPOSITION	5	S		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2017-18 FIRST	EE200A	SIGNALS, SYSTEMS & NETWORKS	11	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2017-18 FIRST	ESC201A	INTRODUCTION TO ELECTRONICS	14	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2017-18 FIRST	ESO204A	FLUID MECHANICS AND RATE PROCESSES	11	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2017-18 FIRST	MSO202A	COMPLEX VARIABLES	6	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2017-18 FIRST	MSO203B	PARTIAL DIFFERENTIAL EQUATIONS	6	C		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2017-18 SECOND	TA201A	MANUFACTURING PROCESSES I	6	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2017-18 SECOND	EE210A	MICROELECTRONICS-I	11	A		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2017-18 SECOND	EE250A	CONTROL SYSTEMS ANALYSIS	11	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2017-18 SECOND	ENG123A	INTRODUCTION TO LITERATURE	11	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2017-18 SECOND	ESO203A	INTRODUCTION TO ELECTRICAL ENGINEERING	13	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2017-18 SECOND	MSO201A	PROBABILITY AND STATISTICS	11	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2017-18 SUMMER	TA202A	MANUFACTURING PROCESSES II	6	A		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2018-19 FIRST	PHI455A	PHILOSOPHICAL LOGIC	9	A		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2018-19 FIRST	EE320A	PRINCIPLES OF COMMUNICATION	11	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2018-19 FIRST	EE330A	POWER SYSTEMS	11	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2018-19 FIRST	EE370A	DIGITAL ELECTRONICS	11	B		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2018-19 FIRST	EE380A	ELECTRICAL ENGINEERING LAB I	12	A		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2018-19 FIRST	EE390A	ELECTRICAL ENGINEERING COMMUNICATION SKILLS	2	S		
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2018-19 SECOND	ESCO207A	DATA STRUCTURE & ALGORITHM	12	C M		


 सहायक कलसचिव (सौंचिक कार्य)
 Assistant Registrar (Academic Affairs)
 भारतीय प्रौद्योगिकी संस्थान, कानपुर
 Indian Institute of Technology, Kanpur



INDIAN INSTITUTE OF TECHNOLOGY KANPUR
ACADEMIC SECTION
GRADE REPORT

Page 2 of 2

Roll No. : 160403

Name : MOHAMMAD AREEB

Department :

ELECTRICAL ENGG.

Degree :

BACHELOR OF TECHNOLOGY

**The student has completed the
programme with MINOR(S)
as detailed in the attached grade-sheet
in JUL 2020**

सहायक कुलसचिव (रैक्सिक कार्य)
Assistant Registrar (Academic Affairs)
भारतीय प्रौद्योगिकी संस्थान, कानपुर
Indian Institute of Technology, Kanpur

Indian Institute of Technology, Kanpur

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
INDIAN INSTITUTE OF TECHNOLOGY KANPUR

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
IIT KANPUR

Academic Section
I.I.T. Kanpur

Phone Nos.: +91 512 259-7288 / 7199 / 7669
Email: doaa@iitk.ac.in

**Joint/Asst. Registrar
Academic Affairs**



INDIAN INSTITUTE OF TECHNOLOGY KANPUR
ACADEMIC SECTION
GRADE REPORT
FOR MINOR

Roll No. : 160403

Name : MOHAMMAD AREEB

Department : ELECTRICAL ENGG.

Degree : BACHELOR OF TECHNOLOGY

Year & Semester	Course No.	Course Title	Credit	GRADE	SPI	GPA	CPI
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2018-19 FIRST	ESO207A	MINOR in MACHINE LEARNING & APPLICATIONS	3	A	4.0	4.0	4.0
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2018-19 SECOND	CS783A	DATA STRUCTURE & ALGORITHM	12	C	2.0	2.0	2.0
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2019-20 FIRST	CS771A	VISUAL RECOGNITION	9	B	3.0	3.0	3.0
INDIAN INSTITUTE OF TECHNOLOGY KANPUR 2019-20 SECOND		INTRODUCTION TO MACHINE LEARNING	9	B	3.0	3.0	3.0
The student has completed							
BACHELOR OF TECHNOLOGY							
in ELECTRICAL ENGG.							
with MINOR(S) as detailed above in JUL 2020							
<i>[Signature]</i>							
सहायक कुल सचिव (शास्त्रीय कार्य)							
Assistant Registrar (Academic Affairs)							
भारतीय प्रौद्योगिकी संस्थान, कानपुर							
Indian Institute of Technology, Kanpur							

1. Grading System

Letter Grade	Performance	Numerical Value
A*	Outstanding	10
A	Excellent	10
B	Good	8
C	Average	6
D	Marginal	4
E	Exposure	2
F	Fail	0
S	Satisfactory	-
W	Waiver	-
X	Unsatisfactory	-

2. Abbreviations/ Symbols used:

SPI indicates Semester Performance Index

CPI indicates Cumulative Performance Index

Letter R/S after letter grade indicates that the course has been repeated/substituted.

Symbol + after letter grade indicates that the course has been counted towards Second Major also.

Letter M after letter grade indicates that the course has been counted towards Minor also.

Symbol # after letter grade indicates that the student has done this as an extra course which is not counted towards computing of SPI/CPI.

3. Medium of Instruction:

The Medium of Instruction for all academic programmes is English.

4. Class or Division:

No Class or Division has been awarded in any of the academic programmes since 1982.

5. Distinction criteria:

Distinction is awarded to Bachelor of Technology/ Bachelor of Science students with a CPI of 8.5 or higher.

6. Percentage:

Institute follows a grade-based system as detailed above. As such no equivalence of CPI to percentage is provided. However, notionally, the CPI may be multiplied by a factor of 10 to obtain a numerical percentage.