

TRANSCRIPT VALID ONLY IF IT BEARS INSTITUTE HOLOGRAM



INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

ACADEMIC AFFAIRS OFFICE

OFFICIAL TRANSCRIPT
(Statement of Earned Credits & Grades)

ENROLLMENT NO. OF THE STUDENT: 20411023

NAME : PRAHLADA VARADA MITTAL

PROGRAMME : Integrated M.Tech. Geophysical Technology

Session: 2020-21 Semester: Autumn				
SUBJECT CODE	TITLE OF SUBJECT	GRADE LETTER	GRADE POINT	CREDIT
CEN-105	Introduction to Environmental Studies	B	7	3
ESN-101	Introduction to Earth Sciences	B+	8	2
ESN-103	Computer Programming	B+	8	4
HSN-001A	Communication Skills (Basic)	B+	8	2
HSN-002	Introduction to Psychology	B+	8	2
MAN-001	Mathematics-I	B+	8	4
PHN-001	Mechanics	B	7	4

REG. CREDITS : 21 EARNED CREDITS : 21 TOTAL EARNED CREDITS : 21 SGPA : 7.667 CGPA : 7.667

Session: 2020-21 Semester: Spring				
SUBJECT CODE	TITLE OF SUBJECT	GRADE LETTER	GRADE POINT	CREDIT
ESN-102	Physical Geology	A	9	4
ESN-104	Crystallography and Mineralogy	B+	8	4
HYN-102-I	Engineering Hydrology	A	9	4
MAN-006	Probability and Statistics	S	-	4
PHN-001P	Mechanics	S	-	1
PHN-008	Electromagnetic Theory	A	9	4

REG. CREDITS : 21 EARNED CREDITS : 21 TOTAL EARNED CREDITS : 42 SGPA : 8.750 CGPA : 8.135

Session: 2021-22 Semester: Autumn				
SUBJECT CODE	TITLE OF SUBJECT	GRADE LETTER	GRADE POINT	CREDIT
EEN-112	Electrical Science	B+	8	4
ESN-201	Basic Petrology	B+	8	4
ESN-205	Structural Geology-I	A	9	4
ESN-221	Field Theory	A	9	4
ESN-223	Geophysical Prospecting	A	9	3

REG. CREDITS : 19 EARNED CREDITS : 19 TOTAL EARNED CREDITS : 61 SGPA : 8.579 CGPA : 8.286



Session: 2021-22 Semester: Spring				
SUBJECT CODE	TITLE OF SUBJECT	GRADE LETTER	GRADE POINT	CREDIT
ECN-102	Fundamental of Electronics	A	9	4
ESN-202	Sedimentology	B	7	4
ESN-222	Geology of India	A+	10	4
ESN-224	Geophysical Signal Processing	C	5	4
ESN-226	Field Training-I (Geology)	B+	8	4
HSS-01	Economics	B+	8	3

REG. CREDITS : 23 EARNED CREDITS : 23 TOTAL EARNED CREDITS : 84 SGPA : 7.826 CGPA : 8.152

Session: 2022-23 Semester: Autumn				
SUBJECT CODE	TITLE OF SUBJECT	GRADE LETTER	GRADE POINT	CREDIT
ESN-305	Economic Geology	A	9	4
ESN-321	Gravity and Magnetic Prospecting	C+	6	4
ESN-323	Electrical Prospecting	A+	10	4
ESN-325	Seismology	A+	10	4
ESN-391	Technical Communication	B+	8	2
IEQ-303	Earthquake Geology & Geoinformatics	A+	10	3

REG. CREDITS : 21 EARNED CREDITS : 21 TOTAL EARNED CREDITS : 105 SGPA : 8.857 CGPA : 8.300

Session: 2022-23 Semester: Spring				
SUBJECT CODE	TITLE OF SUBJECT	GRADE LETTER	GRADE POINT	CREDIT
ESN-300	Case Study	A	9	4
ESN-322	Electromagnetic Prospecting	A+	10	4
ESN-324	Seismic Prospecting	A+	10	4
ESN-342	Advanced Stratigraphy and Facies Modelling	A	9	4
ESN-374	Marine Geophysics	B+	8	4

REG. CREDITS : 20 EARNED CREDITS : 20 TOTAL EARNED CREDITS : 125 SGPA : 9.200 CGPA : 8.450

Session: 2023-24 Semester: Autumn				
SUBJECT CODE	TITLE OF SUBJECT	GRADE LETTER	GRADE POINT	CREDIT
ESN-421	NUMERICAL MODELLING IN GEOPHYSICAL	A	9	4
ESN-423	GEOPHYSICAL WELL LOGGING	A+	10	4
ESN-475	DIGITAL IMAGE PROCESSING	A	9	4
ESN-477	STRONG MOTION SEISMOLOGY	A+	10	4
ESN-499	SEMINAR-I	A	9	2

REG. CREDITS : 18 EARNED CREDITS : 18 TOTAL EARNED CREDITS : 143 SGPA : 9.444 CGPA : 8.580



Session: 2023-24 Semester: Spring				
SUBJECT CODE	TITLE OF SUBJECT	GRADE LETTER	GRADE POINT	CREDIT
ESN-406	PLATE TECTONICS	A	9	3
ESN-422	GEOPHYSICAL INVERSION	A	9	4
ESN-424	PETROLEUM GEOSCIENCES	A	9	4
ESN-476	SYNTHETIC SEISMOGRAM	A+	10	4
ESN-583	PETROPHYSICS AND SEISMIC ROCK CHARACTERIZATION	A	9	4
noc24-ce05	Applied Seismology for Engineers	A+	10	4
noc24-cs38	Machine Learning for Engineering and science applications	A	9	4
UGR-001	UG RESEARCH	A+	10	3

REG. CREDITS : 30 EARNED CREDITS : 30 TOTAL EARNED CREDITS : 173 SGPA : 9.367 CGPA : 8.720

Session: 2024-25 Semester: Autumn				
SUBJECT CODE	TITLE OF SUBJECT	GRADE LETTER	GRADE POINT	CREDIT
ESN-529	COMPREHENSIVE VIVA VOCE	A	9	2
ESN-599	SEMINAR-II	A+	10	2

REG. CREDITS : 4 EARNED CREDITS : 4 TOTAL EARNED CREDITS : 177 SGPA : 9.500 CGPA : 8.738

Session: 2024-25 Semester: Spring				
SUBJECT CODE	TITLE OF SUBJECT	GRADE LETTER	GRADE POINT	CREDIT
DISP	DISCIPLINE	A+	10	2
ESN-500	DISSERTATION	A+	10	18

REG. CREDITS : 20 EARNED CREDITS : 20 TOTAL EARNED CREDITS : 197 SGPA : 10.000 CGPA : 8.870

First Division with Distinction

STUDENT HAS COMPLETED THE PROGRAMME

Note:-

- 1) The medium of Instruction at this Institute is English.
- 2) Academic Performance is graded on a 10-Point Scale.
- 3) "S"-Grade: Satisfactory performance during Covid-19 pandemic.

Place: Roorkee

Dated: Jun 18, 2025



(Signature)

Assistant Registrar (Evaluation)