









## Personal details

-  Prakhar Raj Singh
-  prakharraj14singh@gmail.com
-  +918923218011
-  Jaipur
-  January 14, 2005
-  Kashipur
-  Male
-  LinkedIn-Prakhar Raj Singh




## Skills

- Teamwork 
- Time Management 

## Languages

- Hindi 
- English 

## Hobbies

-  Badminton
-  Travelling
-  Treiking

## Profile

My fascination with materials science stems from a deep curiosity about the intricate relationships between a material's composition, its processing, and its resulting properties. I'm particularly drawn to the challenge of tailoring materials for specific applications, whether it's developing high-strength alloys for aerospace or designing novel composites for sustainable energy solutions. The ability to manipulate microstructures and engineer material behavior at the atomic level excites me, and I'm eager to contribute to the advancement of materials that can address real-world challenges.

### Position of Responsibility

- Working as an Executive in METMSASS Society
- Metallurgy branch Badminton Captain

## Education

- |  |                    |
|--|--------------------|
| <b>Bachleor of Technology</b>                    | Jul 2023 - Present |
| Malviya National Institute of Technology, Jaipur |                    |

## Employment

- |   |                    |
|---|--------------------|
| <b>Research Student</b>   | Jul 2023 - Present |
| Malviya National Institute Of Technology, Jaipur, Rajasthan   |                    |
| Working on a research project at MNIT Jaipur under a faculty Dr. Kunal Borse, topic- Ag doped NiO-rGO nanoparticles |                    |



# Malaviya National Institute of Technology Jaipur

Department of Metallurgical and Materials Engineering

J. L. N. Marg, Malaviya Nagar, Jaipur - 302017 (Rajasthan)

**Dr. Rajendra Kumar Goyal**

Professor & Head of Department



+91-9549651006

Email: rkg.meta@mnit.ac.in

MNIT/MME/INT./2025-01

Date: 20/07/2025

## Bonafide certificate

To,

The Selection Committee,

Summer Internship Program 2025

NIT Calicut

This is to certify that Mr/ Ms. **Prakhar Raj Singh**, Roll no. 2023UMT1953, is a bonafide student of this Institute.

In the current academic year (2024-2025), he/she is studying in the 2nd year of B. Tech in the Metallurgical and Materials Engineering Department with a current CGPA of 7.23.

This certificate is issued for the purpose of applying for the Summer Internship Programme 2025 (17 May 2025 to 10 July 2025) in NIT Calicut.

Sincerely,

Dr. Rajendra Kumar Goyal

Professor & Head of Department

**PROFESSOR & HEAD**  
Deptt. of Met & Mat. Engg.  
Malaviya National Institute of Technology  
JAIPUR



23035648

क्रमांक (Sr. No.)

1543148

# माध्यमिक शिक्षा परिषद्, उत्तर प्रदेश

## Board of High School and Intermediate Education, U.P.



हाईस्कूल परीक्षा - २०१९

High School Examination - 2019

प्रमाणपत्र-सह-अंकपत्र (CERTIFICATE-CUM-MARKS SHEET)

अनुक्रमांक Roll No.	जनपद/केन्द्र/विद्यालय कोड Distt./Centre/School Code	संस्थागत/व्यक्तिगत Regular / Private	परीक्षा प्रवर्ग Exam. Type	प्रमाणपत्र क्रमांक Certificate No.
0718373	23/12251/1310	REGULAR	FULL EXAM	23035646

प्रमाणित किया जाता है कि (This is to certify that)

परिषद् के अभिलेखानुसार (according to the Board's record)-

PRAKHAR RAJ SINGH

आत्मज आत्मजा श्रीमती (son/daughter of Mrs.)-

SHIKHA CHAUHAN

एवं श्री (and Mr.)-

HARIRAJ SINGH

जिनकी जन्मतिथि (whose date of birth is)-

14TH JANUARY TWO THOUSAND FIVE (14-01-2005)

ने फरवरी 2019 में आयोजित हाईस्कूल परीक्षा विद्यालय/केन्द्र (has passed High School Examination held in February 2019 from School/Centre)-

SARASWATI VIDYA MANDIR IC AFZALGRH BIJNOR

से निम्न विवरणानुसार उत्तीर्ण की है (with the following details): -

विषय Subject	अधिकतम अंक Max. Marks	प्राप्तांक Obtained Marks सैद्धान्तिक (Theory) प्रयोगात्मक (Practical)	योग Total	ग्रेड Grade	परीक्षाफल Result
HINDI	100	056	030	086	A2
ENGLISH	100	065	030	095	A1
MATHEMATICS	100	065	030	095	A1
SCIENCE	100	047	030	077	B1
SOCIAL SCIENCE	100	057	030	087	A2
DRAWING	100	054	030	084	A2

PASSED

Candidate clearing any 05 subjects out of 06 will be declared pass.

No divisions are awarded

Category of Moral, Yoga, Sports and Physical Education-

A

For result verification visit website : [www.upmsp.edu.in](http://www.upmsp.edu.in) or [upmspresults.up.nic.in](http://upmspresults.up.nic.in)

तिथि (Date)- 27TH APRIL'2019

स्थान (Place)- Prayagraj, Uttar Pradesh

Note : For Important Instructions see overleaf.



नीना श्रीवास्तव  
(Neena Srivastava)  
सचिव (Secretary)



14151356

क्रमांक (Sr. No.)

0441720

# माध्यमिक शिक्षा परिषद्, उत्तर प्रदेश

## Board of High School and Intermediate Education, U.P.



इण्टरमीडिएट परीक्षा-२०२१

Intermediate Examination-2021

प्रमाणपत्र-सह-अंकपत्र (CERTIFICATE-CUM-MARKS SHEET)

अनुक्रमांक Roll No.	जनपद/केन्द्र/विद्यालय कोड Distt./Centre/School Code	संस्थागत/व्यक्तिगत Regular / Private	परीक्षा प्रवर्ग Exam. Type	विषय-वर्ग Subject-Group	प्रमाणपत्र क्रमांक Certificate No.
215434643	14/01345/1153	REGULAR	FULL EXAM	B-SCIENCE	151356

प्रमाणित किया जाता है कि (This is to certify that)

परिषद् के अभिलेखानुसार (according to the Board's record)-

PRAKHAR RAJ SINGH

प्रखर राज सिंह

आत्मज/आत्मजा श्रीमती (son/daughter of Mrs.)-

SHIKHA CHAUHAN

शिखा चौहान

एवं श्री (and Mr.)- HARIRAJ SINGH

हरिराज सिंह

ने वर्ष 2021 को इण्टरमीडिएट परीक्षा विद्यालय/केन्द्र (has passed Intermediate Examination held in 2021 from School/Centre)-

K M LAL S V M I C GARH HAPUR

कमलावती मदनलाल सोविमो इ० का० गढ़ हापुड़

से श्रेणी (with division)- FIRST HONOURS

परीक्षार्थी द्वारा उत्तीर्ण विषयों के प्राप्तांक निम्नवत हैं (Marks obtained by the candidate in passed subjects are as under) :-

विषय Subject	अधिकतम अंक Max. Marks	प्रश्नपत्रवार प्राप्तांक Paper-wise Obtained Marks	योग Total	सम्पूर्ण योग एवं परीक्षाफल Grand Total & Result
GENERAL HINDI	100	1/90	090 D	435/500
ENGLISH	100	1/83	083 D	PASSED
MATHEMATICS	100	1/88	088 D	
PHYSICS	100	1/59 P/30	089 D	
CHEMISTRY	100	1/55 P/30	085 D	
MORAL Y.S&P.EDU	100	1/48 P/47	095	

Note :- Marks of Moral, Yoga, Sports and Physical Education will have no effect on overall Result.

For result verification visit website : [www.upmsp.edu.in](http://www.upmsp.edu.in)

'D' indicates Distinction in that particular subject,  
'HONOURS' indicates candidate "passed with honour"

Note : For Important Instructions see overleaf

तिथि (Date)- 31ST JULY'2021.

स्थान (Place)- Prayagraj, Uttar Pradesh



(दिब्य कान्त शुक्ल)  
(Dibya Kant Shukla)  
सचिव (Secretary)





**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR**  
(Institution of National Importance under NITs Act, Established by Govt. of India)

**मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर**

**JLN Marg, Jaipur-302017 (India)**

**Semester Grade Sheet**

Name	ID No	Semester	Year
PRAKHAR RAJ SINGH	2023UMT1953	I	2023-24



Mother's Name: SHIKHA CHAUHAN

Father's Name: HARIRAJ SINGH

Department: METALLURGICAL AND MATERIALS  
ENGINEERING

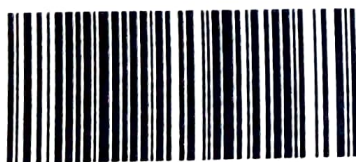
Programme: B.Tech - METALLURGICAL AND  
MATERIALS ENGINEERING

S.No.	Course Code	Course Title	Course Credits	Grade	Exam
1	22CET102	Environmental Science	2	BC	[REG]
2	22CST101	Programming with Python	2	BC	[REG]
3	22CYT101	Engineering Chemistry	3	CC	[REG]
4	22ECT108	Basics of Electronics Engineering	2	CC	[REG]
5	22EET107	Basic Electrical Engineering	2	BC	[REG]
6	22MAT101	Mathematics I	4	CC	[REG]
7	22MTT101	Introduction to Engineering Materials	3	CD	[REG]
8	22MTT102	Fuels, Furnaces and Refractories	4	CC	[REG]
9	22CSP102	Programming with Python Lab	1	BC	[REG]
10	22CYP102	Engineering Chemistry Lab	1	CC	[REG]
11	22ECP101	Electronics Engineering Lab	1	CC	[REG]
12	22EEP102	Electrical Engineering Lab	1	CC	[REG]
Total			26		

CURRENT SEMESTER			CUMULATIVE		
CREDITS REGISTERED	CREDITS EARNED	SGPA	CREDITS REGISTERED	CREDITS EARNED	CGPA
26	26	6.15	26	26	6.15

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**मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर**  
**JLN Marg, Jaipur-302017 (India)**

**Semester Grade Sheet**

Name	ID No	Semester	Year
PRAKHAR RAJ SINGH	2023UMT1953	II	2023-24
Mother's Name: SHIKHA CHAUHAN		Father's Name: HARIRAJ SINGH	
Department: METALLURGICAL AND MATERIALS ENGINEERING		Programme: B.Tech - METALLURGICAL AND MATERIALS ENGINEERING	

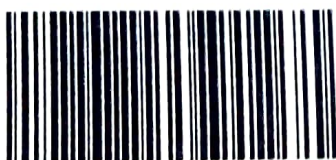


S.No.	Course Code	Course Title	Course Credits	Grade	Exam
1	22CET112	Engineering Drawing and Sketching	1	BC	[REG]
2	22HST101	Basic Economics	2	CD	[REG]
3	22HST106	English Communication Skills	2	CC	[REG]
4	22MAT151	Mathematics II	4	BB	[REG]
5	22MET101	Introduction to Mechanical Systems	2	BC	[REG]
6	22MTT151	Introduction to Physical Metallurgy	4	BB	[REG]
7	22MTT152	Mineral Processing	3	AB	[REG]
8	22PHT102	Modern Physics	3	BB	[REG]
9	22CEP113	Engineering Drawing and Sketching Lab	1	BC	[REG]
10	22HSP107	Communication Skills Lab	1	CC	[REG]
11	22MEP102	Product Realization through Manufacturing	1	BB	[REG]
12	22PHP104	Modern Physics Lab	1	CC	[REG]
13	ICP101	CREATIVE ARTS / SPORTS / NSS [GNI]	1	S	[REG]
14	ICP102	DISCIPLINE [GNI]	1	S	[REG]
Total			27		

CURRENT SEMESTER			CUMULATIVE		
CREDITS REGISTERED	CREDITS EARNED	SGPA	CREDITS REGISTERED	CREDITS EARNED	CGPA
27	27	7.40	53	53	6.76

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**JLN Marg, Jaipur-302017 (India)**

**Semester Grade Sheet**

Name	ID No	Semester	Year
FRAKHAR RAJ SINGH	2023UMT1953	III	2024-25
Mother's Name: SHIKHA CHAUHAN		Father's Name: HARIRAJ SINGH	
Department: METALLURGICAL AND MATERIALS ENGINEERING		Programme: B.Tech - METALLURGICAL AND MATERIALS ENGINEERING	



S.No.	Course Code	Course Title	Course Credits	Grade	Exam
1	22MTT201	Electrometallurgy & Corrosion	4	AB	[REG]
2	22MTT202	Foundry Technology	4	AB	[REG]
3	22MTT203	Introduction to Extractive Metallurgy	4	AB	[REG]
4	22MTT204	Mechanical Behaviour and Testing of Metals	4	BC	[REG]
5	22MTT205	Metallurgical Thermodynamics and Kinetics	4	BC	[REG]
6	22MTP206	Foundry Technology Lab	1	BB	[REG]
7	22MTP207	Fuel, Furnaces and Refractories Lab	1	BB	[REG]
8	22MTP208	Mineral processing lab	1	BB	[REG]
9	22MTP209	Testing of Materials Lab	1	AB	[REG]
Total			24		

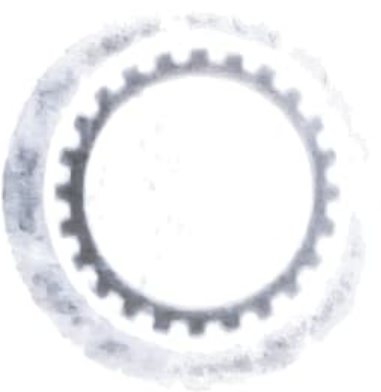
CURRENT SEMESTER			CUMULATIVE		
CREDITS REGISTERED	CREDITS EARNED	SGPA	CREDITS REGISTERED	CREDITS EARNED	CGPA
24	24	8.21	77	77	7.23

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Malaviya National Institute of Technology Jaipur  
(Institution of National Importance, Established by Govt. of India)  
JLN MARG JAIPUR-302017, Rajasthan (INDIA)

Name

PRAKHAR RAJ SINGH

ID No.

2023UMT1953

Father's Name

HARIRAJ SINGH

Branch

METALLURGICAL AND  
MATERIALS ENGINEERING

Programme

B.Tech

D.O.B

14-Jan-2005

Valid Upto

30-06-2027



Dean Students Welfare