माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA

Deemed University

(Declared under Distinct Category by Ministry of Education, Government of India)

NAAC ACCREDITED WITH A++ GRADE

Editorial Board:

Faculty Members :

- Dr. Vandana Vikas Thakare (H.O.D.)
- Dr. Shubhi Kansal (Faculty Coordinator)

Student Members :

- Ratnesh Sagar (ET-4th year)

Contact:
electronicsnewsletter@gmail.com

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

E-NEWSLETTER

April - June 2025

Department Vision

" To Prepare Globally Competent Electronics Engineers for Industrial Challenges and Societal needs. "

Department Mission

- To provide quality education through need based curriculum and effective teaching learning process.
- To imbibe professional ethics, leadership and entrepreneur skills with a passion for lifelong learning.
- Strengthening of employability skills through multidisciplinary projects and internships.
- To inculcate the spirit of innovation and research to serve the needs of the society and industry.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO-1

Graduates of the program will be successful global collaborators with thriving technical and professional careers in the field of Electronics Engineering.

PEO-2

Graduates will have the ability to adapt latest technologies to contribute for sustainable development of society with effective research and entrepreneurship attitude.

PEO-3

Graduates will have the teamwork, professional excellence, communication, and interpersonal skills to enable them to work effectively with interdisciplinary teams in Industry, Government, and Academia.

CONTENTS

1. FDP/STC attended (Outside) the Institute
2. Expert talk given (Outside) the Institute
3. Activities Organized at Institute/Department Level
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5. Faculty Awards & Recognitions
6. Publications SCI/Scopus/UGC with DOI Number
7. Student Club Activities
8. Student Achievements

FDP/STC attended (Outside) the Institute

Dr. Yogesh Kumar

1. Two weeks Faculty Development Program on “Semiconductor Devices Circuits & Sensor: Applications & Research Perspective" jointly organized by Electronics and ICT Academy, NIT Patna, IIITDM Jabalpur, MNIT Jaipur, IIT Kanpur and IIT Roorkee under the “Scheme of financial assistance for setting up of Electronics and ICT Academies(Phase-II)” by the Ministry of Electronics and Information Technology (MeitY), Government of India from 09th June, 2025 - 20th June, 2025.
2. 5-day online Workshop "hands-on training on Nanomaterials and Nanodevices using RESCU (DFT+DFPT) and NanoDcal (DFT+NEGF) solvers." Organized by Impulse Technology from 19-24th May 2025.

Dr. Deepak Batham

1. Pursuing a Six month AICTE QIP PG Certificate Programme on Advances in Robotics: Process, Applications and Technology Conducted by IIT BHU, Varanasi. (Course Duration: 11-07-2025 to 31-12-2025.
2. 2. Two FDP completed by NPTEL-AICTE SWAYAM in "The Science of Happiness and Wellbeing" and Yoga

FDP/STC attended (Outside) the Institute

Dr. Shubhi Kansal

1. One week FDP attended on " Modern Forward Error correction- From classical approaches to practical capacity-achieving codes" held during 9-13 June 2025 organized by Bennet University, India in collaboration with HSE University, Russia.
2. Completed 15 days training on " Generative Artificial Intelligence and Machine Learning(AI/ML)" from Webplat Technologies Pvt. Ltd., Pune.

NPTEL/ATAL/Internshala courses attended

Dr. Karuna Markam

1. Signal Processing Techniques And Its Applications
2. Qualitative Research Methods and Research Writing
3. Fuzzy Sets, Logic and Systems & Applications
4. Ethics in Engineering Practice

Dr. Deepak Batham

1. The Science of Happiness and Wellbeing
2. Yoga and Positive Psychology for Managing Career and Life

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NPTEL/ATAL/Internshala courses attended


Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to

KARUNA MARKAM

for successfully completing the course

Ethics in Engineering Practice

with a consolidated score of 60 %

Online Assignments	18.33/25	Proctored Exam	42/75

Total number of candidates certified in this course: 2305

Feb-Apr 2025

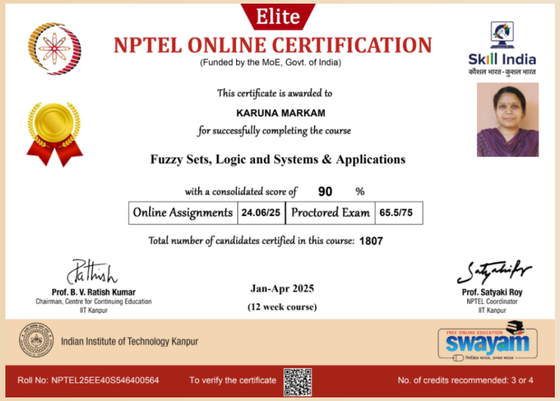
(8 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL25MG67S1246400360 To verify the certificate No. of credits recommended: 2 or 3


Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to

KARUNA MARKAM

for successfully completing the course

Fuzzy Sets, Logic and Systems & Applications

with a consolidated score of 90 %

Online Assignments	24.06/25	Proctored Exam	65.5/75

Total number of candidates certified in this course: 1807

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Apr 2025

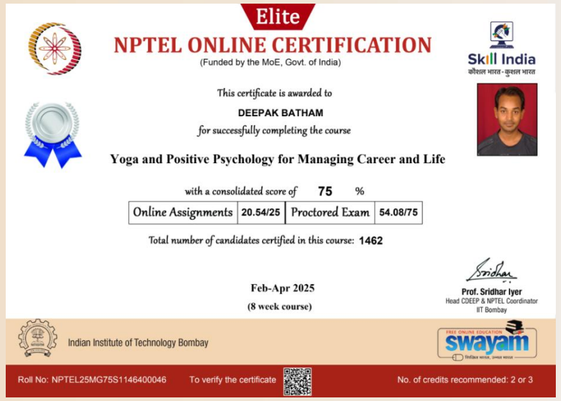
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL25EE40S546400564 To verify the certificate No. of credits recommended: 3 or 4


Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to

DEEPAK BATHAM

for successfully completing the course

Yoga and Positive Psychology for Managing Career and Life

with a consolidated score of 75 %

Online Assignments	20.54/25	Proctored Exam	54.08/75

Total number of candidates certified in this course: 1462

Feb-Apr 2025

(8 week course)

Prof. Sridhar Iyer
Head COEEP & NPTEL Coordinator
IIT Bombay

Indian Institute of Technology Bombay

swayam

Roll No: NPTEL25MG75S1146400046 To verify the certificate No. of credits recommended: 2 or 3


NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to

KARUNA MARKAM

for successfully completing the course

Qualitative Research Methods and Research Writing

with a consolidated score of 57 %

Online Assignments	23.75/25	Proctored Exam	33.68/75

Total number of candidates certified in this course: 913

Jan-Apr 2025

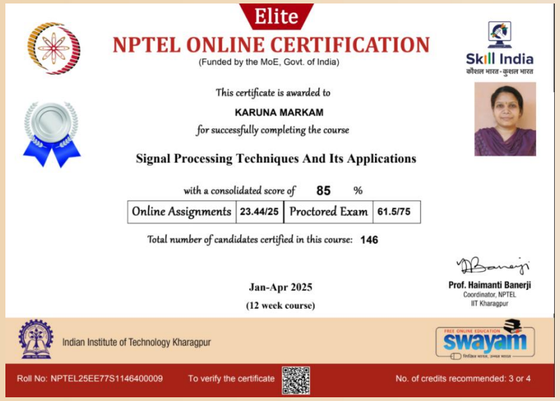
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL25GE27S646400681 To verify the certificate No. of credits recommended: 3 or 4


Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to

KARUNA MARKAM

for successfully completing the course

Signal Processing Techniques And Its Applications

with a consolidated score of 85 %

Online Assignments	23.44/25	Proctored Exam	61.5/75

Total number of candidates certified in this course: 146

Jan-Apr 2025

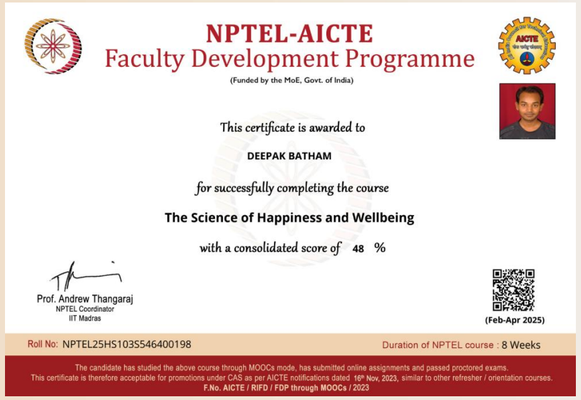
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL25EE77S1146400009 To verify the certificate No. of credits recommended: 3 or 4


NPTEL-AICTE

Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DEEPAK BATHAM

for successfully completing the course

The Science of Happiness and Wellbeing

with a consolidated score of 48 %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Feb-Apr 2025)

Roll No: NPTEL25HS103S546400198 Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated: 16th Nov, 2023, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2023

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

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Faculty Awards & Recognitions

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Publications SCI/Scopus/UGC with DOI Number

Dr. Deepak Batham

1. A Vaidhy, D. Batham, R Jain, AK Manjhwar, “Machine Learning-Driven Statistical Analysis of Indian Restaurants: Insights from the Zomato Dataset”, Facta Universitatis, Series: Electronics and Energetics, vol. 38, no. 2, pp. 355-374, June 2025. (WOS and Scopus)

Dr. Hemant Choubey

1. S. P. Singh Rajawat, R. Sagar, R. Jain and H. Choubey, "Design and Analysis of a Circular Patch Quad MIMO Antenna with Intermediate Ring for 5G Wireless Communications," 2025 IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI), Gwalior, India, 2025, pp. 1-5, doi: 10.1109/IATMSI64286.2025.10985726.

Publications SCI/Scopus/UGC with DOI Number

Dr. Vandana Vikas Thakare

1. R. S. Tikar, R. Jain and V. V. Thakare, "Accelerating Antenna Development: The Role of Machine Learning Algorithms," 2025 3rd International Conference on Communication, Security, and Artificial Intelligence (ICCSAI), Greater Noida, India, 2025, pp. 789-794, doi: 10.1109/ICCSAI64074.2025.11064208.
2. R. Sagar, S. P. Singh Rajawat, R. Jain and V. V. Thakare, "Microstrip fed Hexagonal Shaped Cross-Slotted Antenna for N257 Band Applications," 2025 IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI), Gwalior, India, 2025, pp. 1-4, doi: 10.1109/IATMSI64286.2025.10985073.
3. S. P. Singh Rajawat, R. Sagar, R. Jain, V. V. Thakare and P. K. Singhal, "Design and Analysis of a Hexagonal Patch Antenna with Star-Shaped Slot for 5G NR N257 Band and IoT Integration," 2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS), Bhopal, India, 2025, pp. 1-4, doi: 10.1109/SCEECS64059.2025.10940689.

Publications SCI/Scopus/UGC with DOI Number

Prof. Pooja Sahoo

1. S. Rajawat, P. Sahoo, R. Jain, H. Magarde and K. A. Shokat, "Arc-Shaped Planar Monopole Antenna for NextGeneration 5G Communication," 2025 3rd International Conference on Communication, Security, and Artificial Intelligence (ICCSAI), Greater Noida, India, 2025, pp. 1-5, doi: 10.1109/ICCSAI64074.2025.11063742.

Student Club Activities

1. “Tark Yudh” was organized on 19th April by Hindi Samiti

प्रतियोगिताएं भविष्य के नागरिकों का निर्माण करती हैं

पीपुल्स संवाददाता ● ग्वालियर
मो.नं. 9644644430

एमआईटीएस सम विवि में ‘तर्कयुद्ध’ संपन्न

माधव प्रौद्योगिकी एवं विज्ञान संस्थान, सम विवि की हिंदी समिति द्वारा शनिवार को वार्षिक अंतर-विभागीय वाद-विवाद प्रतियोगिता ‘तर्क युद्ध 2025’ का आयोजन संस्थान परिसर के सभागार में किया गया। इस बौद्धिक समागम में विभिन्न विभागों से चयनित छात्रों ने सक्रिय भागीदारी निभाई और विषय पर गहन एवं संतुलित दृष्टिकोण प्रस्तुत करते हुए दर्शकों और निर्णायकों को प्रभावित किया।

इस वर्ष प्रतियोगिता का विषय अत्यंत समसामयिक और विचारोत्तेजक था क्या एक राष्ट्र, एक चुनावः भारतीय लोकतंत्र के लिए सुधारात्मक पहल है। प्रतियोगिता में प्रतिभागियों ने इस विषय के पक्ष एवं विपक्ष में अपने विचार तथ्यात्मक संदर्भों, संवैधानिक दृष्टिकोण, ऐतिहासिक उदाहरणों एवं समकालीन राजनीतिक परिप्रेक्ष्य के आधार पर प्रस्तुत किए। कार्यक्रम में मुख्य अतिथि अभिषेक शर्मा, समन्वयक, युवा आयाम, प्रज्ञा प्रवाह एवं सुजीत प्रकाश, इलेक्ट्रॉनिक अभियंता एवं स्वयंसेवी, ने अपनी गरिमामयी उपस्थिति दर्ज की। दोनों विशिष्ट अतिथियों ने न केवल प्रतिभागियों के विचारों का मूल्यांकन किया, बल्कि अपने वक्तव्य से छात्रों का मार्गदर्शन भी किया। इस प्रकार की वाद-विवाद प्रतियोगिताएं केवल भाषण कला का अभ्यास नहीं होतीं, यह युवाओं को विचारों के आदान-प्रदान, तार्किकता, और संवैधानिक चेतना का मंच प्रदान करती हैं। यह भविष्य के उत्तरदायी नागरिकों का निर्माण करती हैं। कार्यक्रम के अंत में विजेताओं की घोषणा की गई एवं पुरस्कार वितरण किया गया, जिसमें पक्ष से आदित्य राज तिवारी विजेता और हिमांशु शुक्ला उपविजेता रहे। वहीं विपक्ष से विजेता अभय सिंह चौहान रहे एवं उपविजेता अर्जुन शर्मा रहे।

माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत
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Deemed University
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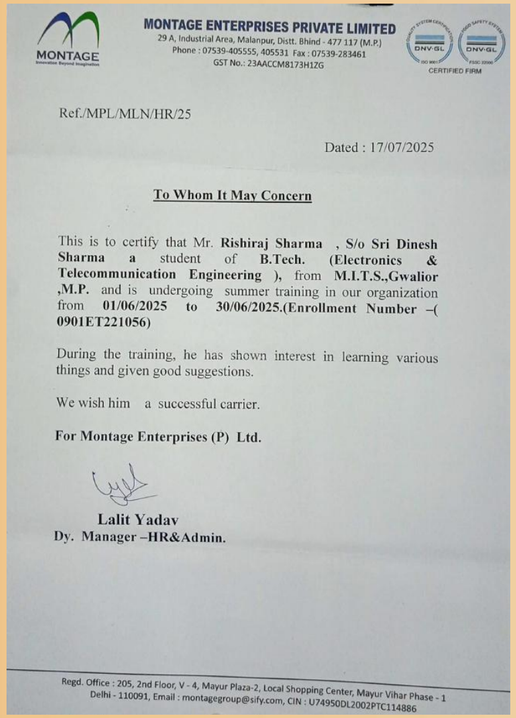
Student Achievements



MONTAGE ENTERPRISES PRIVATE LIMITED
29 A, Industrial Area, Malanpur, Distt. Bhind - 477 117 (M.P.)
Phone : 07539-405555, 405531 Fax : 07539-283461
GST No.: 23AACCM8173H1ZG

Ref./MPL/MLN/HR/25

Dated : 17/07/2025

To Whom It May Concern

This is to certify that Mr. **Rishiraj Sharma , S/o Sri Dinesh Sharma** a student of **B.Tech. (Electronics & Telecommunication Engineering),** from **M.I.T.S.,Gwalior ,M.P.** and is undergoing summer training in our organization from **01/06/2025 to 30/06/2025.(Enrollment Number –(0901ET221056)**

During the training, he has shown interest in learning various things and given good suggestions.

We wish him a successful carrier.

For Montage Enterprises (P) Ltd.

Lalit Yadav
Dy. Manager –HR&Admin.

Regd. Office : 205, 2nd Floor, V - 4, Mayur Plaza-2, Local Shopping Center, Mayur Vihar Phase - 1
Delhi - 110091, Email : montagegroup@sify.com, CIN : U74950DL2002PTC114886

EWAYS SERVICES PRIVATE LIMITED
(CIN: U93000DL2013PTC259601)
Reg. Office: Plot No. F124, Old No. F-18, E.V. Nagar, New Delhi-110091

ESPL_TB_25INT01/DEL/05-07/01 Date: 21 July 2025

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **RISHABH SIKARWAR,** enrolled in B.Tech - Electronics & Telecommunication Engineering, MITS, Gwalior (M.P), has successfully completed his internship at **Eways Services Private Limited** from **16th May 2025 to 15th Jul 2025** as an **Intern Web Developer.**

The internship program was aimed at enhancing practical knowledge, understanding real-world applications, and gaining hands-on experience in web development concepts, tools, and technologies.

During this period, he contributed to the development of web applications and demonstrated keen interest in learning, adaptability, and professionalism.

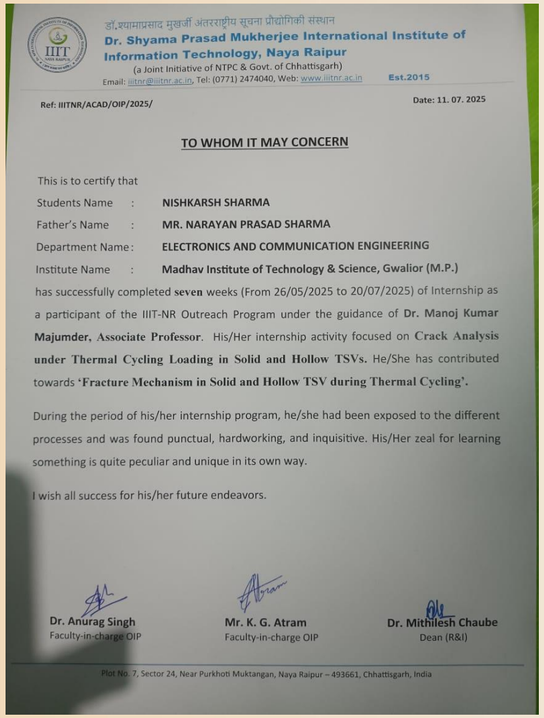
We appreciate his contribution and wish him all the best in his future academic and professional endeavours.

For Eways Services Pvt. Ltd.

Kirti K.
HR Head

(Scan this to verify)

www.ewaysservices.com support@ewaysservices.com +91-9555568955



डॉ.श्यामाप्रसाद मुखर्जी अंतरराष्ट्रीय सूचना प्रौद्योगिकी संस्थान
Dr. Shyama Prasad Mukherjee International Institute of Information Technology, Naya Raipur
(a Joint Initiative of NTPC & Govt. of Chhattisgarh)
Email: iiitnr@iiitnr.ac.in, Tel: (0771) 2474040, Web: www.iiitnr.ac.in Est.2015

Ref: IIITNR/ACAD/OIP/2025/ Date: 11. 07. 2025

TO WHOM IT MAY CONCERN

This is to certify that

Students Name : **NISHKARSH SHARMA**
Father's Name : **MR. NARAYAN PRASAD SHARMA**
Department Name : **ELECTRONICS AND COMMUNICATION ENGINEERING**
Institute Name : **Madhav Institute of Technology & Science, Gwalior (M.P.)**

has successfully completed **seven** weeks (From 26/05/2025 to 20/07/2025) of Internship as a participant of the IIIT-NR Outreach Program under the guidance of **Dr. Manoj Kumar Majumder, Associate Professor**. His/Her internship activity focused on **Crack Analysis under Thermal Cycling Loading in Solid and Hollow TSVs.** He/She has contributed towards '**Fracture Mechanism in Solid and Hollow TSV during Thermal Cycling**'.

During the period of his/her internship program, he/she had been exposed to the different processes and was found punctual, hardworking, and inquisitive. His/Her zeal for learning something is quite peculiar and unique in its own way.

I wish all success for his/her future endeavors.

Dr. Anurag Singh
Faculty-in-charge OIP

Mr. K. G. Atram
Faculty-in-charge OIP

Dr. Mithilesh Chaube
Dean (R&I)

Plot No. 7, Sector 24, Near Purkhoti Muktangan, Naya Raipur – 493661, Chhattisgarh, India

EWAYS SERVICES PRIVATE LIMITED
(CIN: U93000DL2013PTC259601)
Reg. Office: Plot No. F124, Old No. F-18, E.V. Nagar, New Delhi-110091

ESPL_TD_25INT01/DEL/05-07/13 Date: 28 July 2025

INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **BHRAGESH PATEL,** enrolled in B.Tech - Electronics & Telecommunication Engineering, MITS, Gwalior (M.P), has successfully completed his internship at **Eways Services Private Limited** from **16th May 2025 to 15th Jul 2025** as an **Intern Web Developer.**

The internship program was aimed at enhancing practical knowledge, understanding real-world applications, and gaining hands-on experience in web development concepts, tools, and technologies.

During this period, he contributed to the development of web applications and demonstrated keen interest in learning, adaptability, and professionalism.

We appreciate his contribution and wish him all the best in his future academic and professional endeavours.

For Eways Services Pvt. Ltd.

Kirti K.
HR Head

(Scan this to verify)

www.ewaysservices.com support@ewaysservices.com +91-9555568955

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

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NAAC ACCREDITED WITH A++ GRADE

Student Achievements

GRADUATE APTITUDE TEST IN ENGINEERING 2025
अभियांत्रिकी स्नातक अभिक्षमता परीक्षा २०२५
Organising Institute: INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
SCORE CARD

Name of the Candidate	RISHABH SIKARWAR
Name of the Parent/Guardian	DINESH SIKARWAR
Registration No.	EC25S65015301
Date of Birth	July 27, 2004
Test Paper	Electronics and Communication Engineering (EC)
Date of Examination	February 15, 2025
GATE Score	471
Marks out of 100	35.33

		Qualifying Marks	
All India Rank (AIR) in the test paper:	3992	General:	25.0
Number of candidates appeared for the test paper:	81475	EWS/OBC-NCL:	22.5
		SC/ST/PwD:	16.6

Prof. P. Arumugam
Organising Chairperson, GATE 2025
On behalf of NCB-GATE
Ministry of Education (MoE)

e1336d9122a660a45b8907d0d8b0bf9

A candidate is considered **qualified** if the marks secured are greater than or equal to the qualifying marks mentioned for the category, for which a valid category certificate, if applicable, must be produced along with this Score Card.

This Score Card is valid up to 31st March 2028.

GATE SCORE COMPUTATION

The GATE 2025 score is calculated using the formula:

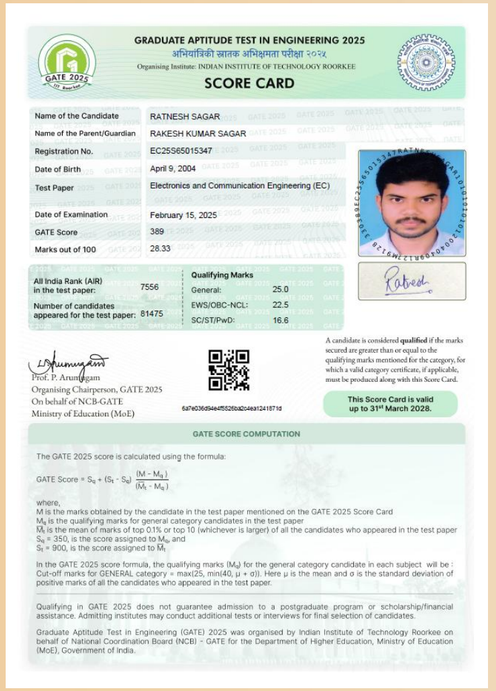
$$\text{GATE Score} = S_q + (S_t - S_q)\frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

where,
M is the marks obtained by the candidate in the test paper mentioned on the GATE 2025 Score Card
M_q is the qualifying marks for general category candidates in the test paper
$\bar{M}_t$ is the mean of marks of top 0.1% or top 10 (whichever is larger) of all the candidates who appeared in the test paper
S_q = 350, is the score assigned to M_q, and
S_t = 900, is the score assigned to $\bar{M}_t$

In the GATE 2025 score formula, the qualifying marks (M_q) for the general category candidate in each subject will be : Cut-off marks for GENERAL category = max(25, min(40, μ + σ)). Here μ is the mean and σ is the standard deviation of positive marks of all the candidates who appeared in the test paper.

Qualifying in GATE 2025 does not guarantee admission to a postgraduate program or scholarship/financial assistance. Admitting institutes may conduct additional tests or interviews for final selection of candidates.

Graduate Aptitude Test in Engineering (GATE) 2025 was organised by Indian Institute of Technology Roorkee on behalf of National Coordination Board (NCB) - GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.



GRADUATE APTITUDE TEST IN ENGINEERING 2025
अभियांत्रिकी स्नातक अभिक्षमता परीक्षा २०२५
Organising Institute: INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
SCORE CARD

Name of the Candidate	RATNESH SAGAR
Name of the Parent/Guardian	RAKESH KUMAR SAGAR
Registration No.	EC25S65015347
Date of Birth	April 9, 2004
Test Paper	Electronics and Communication Engineering (EC)
Date of Examination	February 15, 2025
GATE Score	389
Marks out of 100	28.33

		Qualifying Marks	
All India Rank (AIR) in the test paper:	7556	General:	25.0
Number of candidates appeared for the test paper:	81475	EWS/OBC-NCL:	22.5
		SC/ST/PwD:	16.6

Prof. P. Arumugam
Organising Chairperson, GATE 2025
On behalf of NCB-GATE
Ministry of Education (MoE)

6af9036d94e4f552b9d2d4a91241871d

A candidate is considered **qualified** if the marks secured are greater than or equal to the qualifying marks mentioned for the category, for which a valid category certificate, if applicable, must be produced along with this Score Card.

This Score Card is valid up to 31st March 2028.

GATE SCORE COMPUTATION

The GATE 2025 score is calculated using the formula:

$$\text{GATE Score} = S_q + (S_t - S_q)\frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

where,
M is the marks obtained by the candidate in the test paper mentioned on the GATE 2025 Score Card
M_q is the qualifying marks for general category candidates in the test paper
$\bar{M}_t$ is the mean of marks of top 0.1% or top 10 (whichever is larger) of all the candidates who appeared in the test paper
S_q = 350, is the score assigned to M_q, and
S_t = 900, is the score assigned to $\bar{M}_t$

In the GATE 2025 score formula, the qualifying marks (M_q) for the general category candidate in each subject will be : Cut-off marks for GENERAL category = max(25, min(40, μ + σ)). Here μ is the mean and σ is the standard deviation of positive marks of all the candidates who appeared in the test paper.

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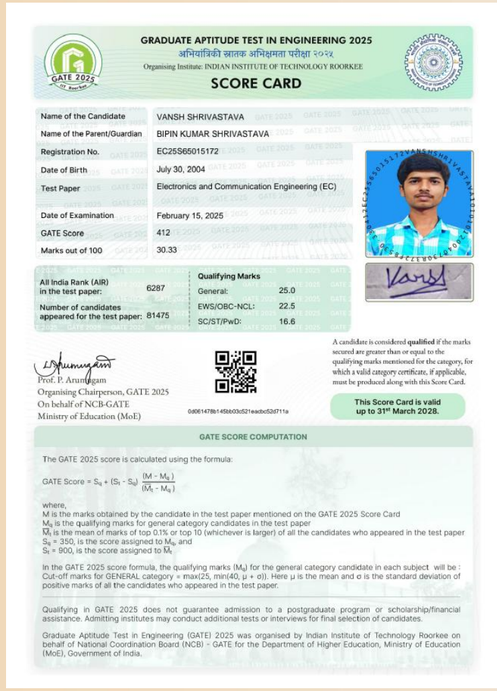

GRADUATE APTITUDE TEST IN ENGINEERING 2025
अभियांत्रिकी स्नातक अभिक्षमता परीक्षा २०२५
Organising Institute: INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
SCORE CARD

Name of the Candidate	VANSH SHRIVASTAVA
Name of the Parent/Guardian	BIPIN KUMAR SHRIVASTAVA
Registration No.	EC25S65015172
Date of Birth	July 30, 2004
Test Paper	Electronics and Communication Engineering (EC)
Date of Examination	February 15, 2025
GATE Score	412
Marks out of 100	30.33

		Qualifying Marks	
All India Rank (AIR) in the test paper:	6287	General:	25.0
Number of candidates appeared for the test paper:	81475	EWS/OBC-NCL:	22.5
		SC/ST/PwD:	16.6

Prof. P. Arumugam
Organising Chairperson, GATE 2025
On behalf of NCB-GATE
Ministry of Education (MoE)

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INTERNSHALA TRAININGS

Certificate of Training

Rajveer Tiwari

from MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE GWALIOR has successfully completed a 6-week online training on **Programming with Python**. The training consisted of Introduction to Python, Using Variables in Python, Basics of Programming in Python, Principles of Object-oriented Programming (OOP), Connecting to SQLite Database, Developing a GUI with PyQT, Application of Python in Various Disciplines, The Final Project, and AI in Programming with Python modules.

We wish Rajveer all the best for future endeavours.

Sarvesh Agrawal
FOUNDER & CEO, INTERNSHALA

Date of certification: 2025-07-14 Certificate no. : h195aiveatr

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING