



माधव प्रौद्योगिकी एवं ग्खानसंस्थान, ग्वागियर (म. प्र.), भारत  
MADHAV INSTITUTE OF TECHNOLOGY AND 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:

- *Divyansh Singh (ET-1st year)*
- *Jesika Jain (ET-1st year)*

Contact: [electronicsnewsletter@gmail.com](mailto:electronicsnewsletter@gmail.com)

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING  
E-NEWSLETTER  
JANUARY-MARCH 2026



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## 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.

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## 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.

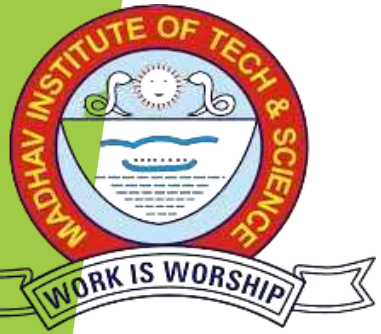
### PEO-2

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.

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## FDP/STC attended (Outside) the Institute

- ❖ Dr. Shubhi Kansal has attended the one week NPTEL FDP on Data Mining during Jan-March 2026.
- ❖ Dr. Shubhi Kansal has attended the one week NPTEL FDP on Research Methodology during Jan-March 2026.
- ❖ Dr. Nidhi Saxena has attended the one week NPTEL FDP on Edge Computing during Jan-March 2026.
- ❖ Dr. Nidhi Saxena has attended the one week NPTEL FDP on Data Mining during Jan-March 2026.



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## FDP/STC attended (Outside) the Institute

➤ Dr. Shubhi kansal:

**NPTEL-AICTE**  
Faculty Development Programme  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**SHUBHI KANSAL**  
for successfully completing the course  
**Research Methodology**  
with a consolidated score of **67 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jan-Mar 2026)

Roll No: NPTEL26GE43S356700034 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 18<sup>th</sup> Nov, 2023, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2023

**NPTEL-AICTE**  
Faculty Development Programme  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**SHUBHI KANSAL**  
for successfully completing the course  
**Data Mining**  
with a consolidated score of **75 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jan-Mar 2026)

Roll No: NPTEL26CS58S656700795 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 18<sup>th</sup> Nov, 2023, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2023

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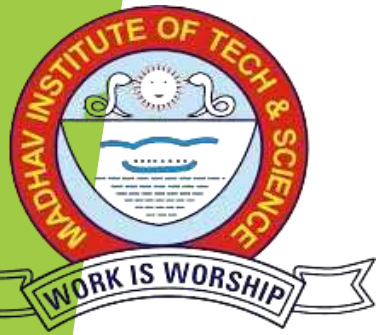


## Expert Talk organized at DepartmentLevel

- ❖ An expert talk was organized on the topic “ From Engineering to International Woodall Applying Analytical thinking in competitive sports” on 28<sup>th</sup> Feb 2026 in collaboration with IETE students forum. Dr. Abhishek Patel , Assistant Professor, Jain University delivered the lecture.
- ❖ An expert talk was organized on the topic “ Human-AI Interaction: Effective Prompting Strategies” on 7<sup>th</sup> Feb 2026 2026 in collaboration with IETE students forum. Dr. Santhos Kumar A. Assistant Professor, IIIT Kottayam, delivered the lecture.

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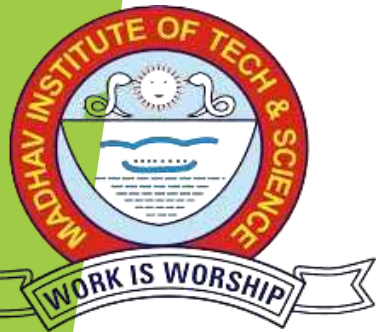
➤ Dr. Shubhi kansal:

❖ Data Mining ( Jan- March 8 weeks course)

❖ Research Methodology (Jan- March 8 weeks course)



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## NPTEL/ATAL/Internshala/ Training courses attended

### ➤ Dr. Yogesh Kumar:

❖ Fundamentals of Electronic Materials and Devices. (Jan-March 8 weeks course)

❖ Attended 4 Weeks Industrial training on VLSI based IC design Jan 19- Feb 24 2026 organized by Academy of skill dev.

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**YOGESH KUMAR**  
for successfully completing the course  
**Fundamentals of Electronic Materials and Devices**  
with a consolidated score of **71** %

Online Assignments	23.21/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **102**

Prof. Andrew Thangaraj  
Chair  
Centre for Outreach and Digital Education, IITM

Jan-Mar 2026  
(8 week course)

M. Vignesh  
Prof. Vignesh Muthuvijayan  
NPTEL Coordinator  
IIT Madras

Indian Institute of Technology Madras

swayam

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING



# ACADEMY OF SKILL DEVELOPMENT

A NON-PROFIT TRUST REGISTERED WITH GOVERNMENT OF WEST BENGAL U/S 60 AND RULE 69 (REGISTRATION NUMBER-190307248)

We dream of self-sufficient INDIA - हम आत्मनिर्भर भारत का सपना देखते हैं

## Certificate of Completion

January 19, 2026 to February 24, 2026 (4 Weeks)

THIS CERTIFICATE IS HEREBY AWARDED TO

**DR. YOGESH KUMAR (ASSISTANT PROFESSOR)**

OF

**MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE (DEEMED UNIVERSITY)**

FOR THE SUCCESSFUL COMPLETION OF

**INDUSTRIAL TRAINING**

ON

**VLSI BASED IC DESIGN**

WITH GRADE "A++".



  
Head - Technology Services

Certificate ID: ASD/VLS/MAD/A++/89909  
Issue Date: February 24, 2026

Grading System

A++: 90% and above, A+: 75% to 89%, A: 65% to 74%, B: 55% to 64%

  
Head - Operations

Certificate Verification Link  
<https://certificates.asd.org.in>



MSE





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## NPTEL/ATL/Internshala/ Training courses attended

### ➤ Dr. Nidhi Saxena

- Dr. Nidhi saxena completed 8 weeks NPTEL course on Data Mining and Edge computing during Jan- March 2026.



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## DEPARTMENTAL ACTIVITY

- ❖ Dr. Shubhi Kansal and Dr. Nidhi Saxena organized an Industrial Training for 2<sup>nd</sup> yr students to Montage Enterprises Ltd., Malanpur on 21<sup>st</sup> March 2026.





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## DEPARTMENTAL ACTIVITY

- ❖ A Mandatory Workshop on Career Goal and planning was organized in the department for 1<sup>st</sup> yr students on 25 Feb 2026.





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## CLUB ACTIVITY

❖ A Shame-UlFat ( Kavya Pratiyogita) was organized on 14<sup>th</sup> Feb 2026 by Hindi Samiti





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### ➤ Dr. Ranbeer Tyagi:

- ❖ Ranbeer Tyagi, Ashish Bagwari, Jyotshana Bagwari, and Vikash Singh, “Rat-Reg Technique for Cellular Internet Protocol for Rapid Handoff” accepted in 4th IEEE International Conference on Device Intelligence, Computing and Communication Technologies.
- ❖ Accepted Patent: Design Application No. 486607-001 (CBR No. 200567, dated 08/01/2026) titled “AI Based Face Recognition Device,” filed by Ranbeer Tyagi, Ashish Bagwari, Jyotshana Bagwari, Santosh Sharma, and Vikas Rathi, accepted by the Indian Patent Office.



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### Dr. Shubhi Kansal :

Shubhi kansal, Jyoti Ahirwar “ Adaptive Gamma Weighted Tri-Histogram Equalization“, ECTI Transactions on Electrical Engineering, Electronics, and Communications , accepted on 24<sup>th</sup> March 2026.

### Dr. Vandana Vikas Thakare:

Patent on Microstrip- based dual-band rectifier for GSM and ISM RF Energy Harvesting.