

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (A Govt. Aided UGC Autonomous & NAAC Accredited Institute, Affiliated to R.G.P.V, Bhopal)



Editorial Board: Faculty Members

- Dr. Vandana Vikas Thakare HOD
- Dr.Shubhi Kansal

Student Members Prayansh Shrivastava (EC-4th year) Anmol Soni (ET-4th year)

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DEPARTMENT OF ELECTRONICS ENGINEERING

NEWSLETTER





MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (A Govt. Aided UGC Autonomous & NAAC Accredited Institute, Affiliated to R.G.P.V, Bhopal)



Content 1. FDP/STC Attended(Outside/Inside) the Institute. 2. Activities **Organized(Workshop/Conference/FDP)** at **Institute Level.** 3. NPTEL/ATAL/Coursera/Internshala attended by faculty. 4. Publication SCI/Scopus/UGC with DOI number. 5. Student Club Activities Organized. **6. Departmental Activities.**

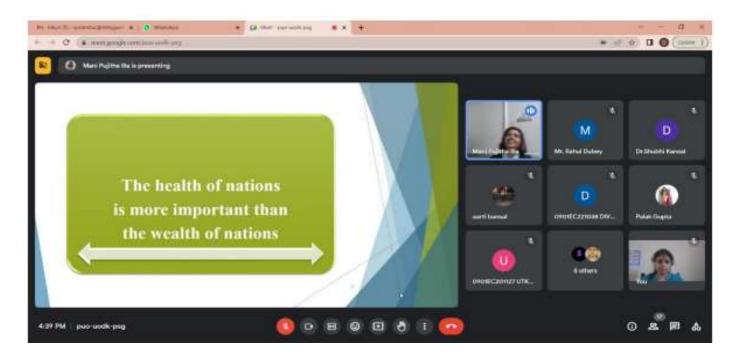


1. Dr. Laxmi Shrivastava successfully completed NPTEL- AICTE FDP on Electromagnetic Waves in Guided and Wireless Media

2. Dr. Vandana Vikas Thakare, Dr. Laxmi Shrivastava, Dr. Karuna Markam, Prof. Pooja Sahu successfully completed FDP on Advances in Signal Processing and Wireless Communications conducted by VIT-AP University on 12th May 2023.



- 1. Dr. Laxmi Shrivastava organized an online interactive workshop on "*Embedded*, *IoT, Robotics, Design, Simulation and rapid Prototyping* by Cyber motion Technologies Pvt. Ltd., Hyderabad on **13 April 2023**.
- 2. Dr. Sushmita Chaudhari and Dr. Rahul Dubey organized a webinar on *Awareness about female hygiene, design and development of biodegradable materials for products* on **21 April 2023**. Dr. Illa Mani Pujitha from NIT Tiruchirappalli, India delivered the lecture.
- 3. An Institute Level activity *"Webizards"* was organized on **27 May 2023** together with IETE student's Forum of MITS, Gwalior.
- 4. An Institute Level activity *"Beyond Software Engineering"* was organized on **24 June 2023** together with IETE student's Forum of MITS, Gwalior.







1. Dr. R.P Narwaria successfully completed 12 week NPTEL course on Digital Electronic Circuits.

- 2. Prof. D.K. Parsediya successfully completed 12 week NPTEL course on Digital Electronic Circuits.
- 3. Dr. Shubhi Kansal successfully completed 6 weeks Internshala Training on Data Science.

WPTEL Online Certification	Reculty Development Programme Given de Viet Mole. Gove. of Index
This certificate is awarded to RAVINDRA PRATAP NARWARIA	
for successfully completing the course	This certificate is awarded to
Digital Electronic Circuits	LAXMI SHRIVASTAVA
with a consolidated score of 49 %	for successfully completing the course
Online Assignments 11.41/25 Proctored Exam 37.5/75	Electromagnetic Waves in Guided and Wireless Med
Total number of candidates certified in this course: 245	with a consolidated score of 58 %
Alganie	this
Jan-Apr 2023 Prot. Debjasi Chakraborty Contracts: WTIL (12 week course) IT Newgor	I ₽ Prof. Andrew Thengaraj NPTEL Coordinator IT Matea
Index Index of Technology Rhanagur	Roll No: NPTEL23EE02544651039 Duration of NPTEL cou
Roll No. NPTEL236550543661040 To wildate the certificate Roll No. of credits recommended: 3 or 4	The cartificate has studied the storie course Trough MOCCs mode. has submitted online assignments and passed prostore This cartificate is therefore acceptable for promotions under CAS as per ALCTE notifications cated 24° stig 2018, similar to other refreste FAIs. ALCTE / REPD / FSP through MOOCs I 2017-10
NPTEL Online Certification	Certificate of Training
This certificate is availed to DEEP KISHORE PARSEDIYA	
for successfully completing the course	Shubhi Kansal
Digital Electronic Circuits	trons MADHAV INSTITUTE OF TECHNOLOGY AND SICENCE, OWALKOII has successfully completed a 6-w reline training on Bala Sciences. The training consisted of Introduction to Data Science; Python for Data Sci Understanding the Statistics for Data Science, Predictive Modeling and Datace of Machine Laarring, and
with a consolidated score of 47 %	Final Project modeles. In the final assessment, Shubti scaned 62% marks.
Online Assignments 13.13/25 Proctored Exam 33.68/75	We wish Shobhi all the best for future endoevours.
Total number of candidates certified in this course: 245	14
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Jan-Apr 2023 Prof. Debjail Chakratorty Construct: NPEL (12 week course) If Rhongor	Sarvesh Agarwal rosanni a cro. Antarteana a
Indian Institute of Technology Kharagour Sold No: NPTEL23EE50533650176 To validate the sentificate	Date of intelligation, 2015-00-00. Contribution on Astrophysics For contribution patients after patients and https://trainings.com/inducation/weeks_contribution

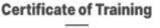


UCTE

(Jan-Mar 2023)

Duration of NPTEL course : 8 Weeks

i online assignments and passed produced exams. ec 24° July, 2018, similar to other refresher / orientation courses. e 1 2017-18



IOR has successfully completed a 6-week n to Data Science, Python for Data Science, ored Basics of Machine Laarning, and The



- 1. Karuna Markam et. al. "Effects of Physical and Psychological Stress on Cardiac Function a Brain Activity: An ECG-EEG Correlation Study" Eur.Chem. Bull. 2023, vol. 12 (Special Issue 7), 4879-4893 Scopus Indexed.
- Navdeep Shakya, Rahul Dubey, Laxmi Shrivastava, "Voting Classifier based Model for Mental Stress Detection and Classification Using EEG Signal", European Chemical Bulletin, Vol.12(Special Issue 4), pp.3600-3609, 2023. (SCOPUS indexed)
- Rachit Jain, P.K Singhal, VandanaVikasThakare," An Investigation on Unique Graphene-based THzAntenna" ISBN: 978-3-031-28942-2 Springer Nature Switzerland, 2023. Pp. 163-180. Scopus
- 4. An Inverted S-Shaped Microstrip Antenna for 5G Millimeter-wave Applications Jain, R., Mishra, D., Singhal, P.K., Thakare, V.V. Proceedings
 th eIEEE International Conference on Communication Systems and Network Technologies, CSNT, , pp. 105-108 Scopus



- 1. A workshop on Drone was organized by Robotics club on 6 April 2023. Total 21 students successfully completed this workshop.
- A ROBO Quizeria was organized by Robotics club on 25April 2023 in online mode. Total 89 students participated in it.
- 3. A Photo exhibition was organized by Photography club on 23 June 2023.
- 4. A National level " CHIMERAX" online quiz competition was organized by Robotics club on 8 April 2023 together with ISTE club MANIT Bhopal.



Student Club Activities Organized Pics.





- 1. An Industrial Visit at BSNL, Gwalior was organized on 20 May 2023. Dr. Deepak Batham & Dr. Hemant Choubey coordinated the visit.
- 2. A webinar on Drone Engineering was organized on 14 May 2023.
- 3. Three new faulty joined in the department: Prof. Prateek Bhadauria, Prof. Rachit Jain and Dr. R. Jenkin Suji.



6.Departmental Activities.

