



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

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**DEPARTMENT OF ELECTRONICS ENGINEERING**

**NEWSLETTER**

Jan-Mar 2022/Issue-1



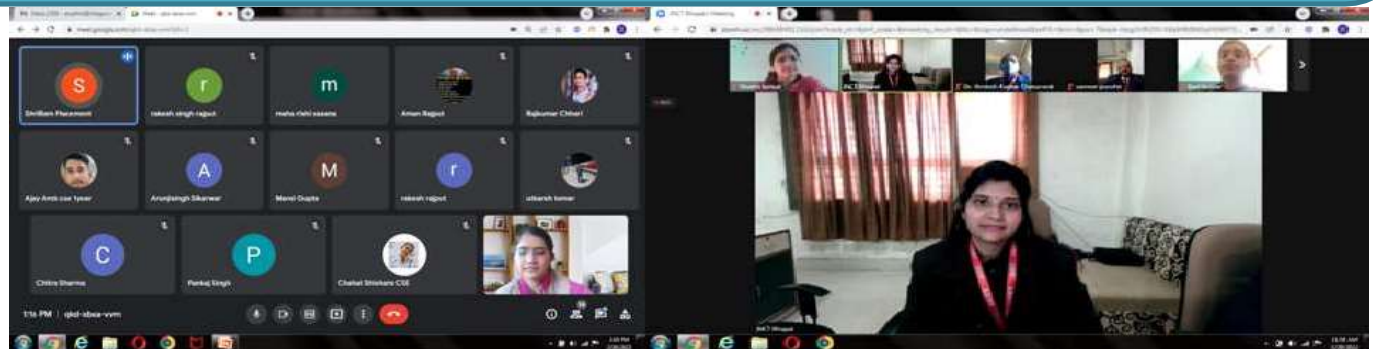
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## 1. Talk deliver outside the institute.

1. Dr. **Shubhi Kansal** delivered an expert talk at **JNCT, Bhopal** on 29 Jan 2022 on the topic “The Wi-Fi Revolution and Future Opportunities”.
2. Dr. **Shubhi Kansal** delivered an expert talk at **Sriram Group of Colleges, Gwalior** on 24 Feb 2022 on the topic “New Trends in Communication era”.
3. Dr. **Hemant Choubey** delivered an expert talk at Parul Institute of Engineering & Technology ,Vadodara Gujrat on 21<sup>st</sup> March 2022 on the topic “Signal Processing using Python(Google Colab).







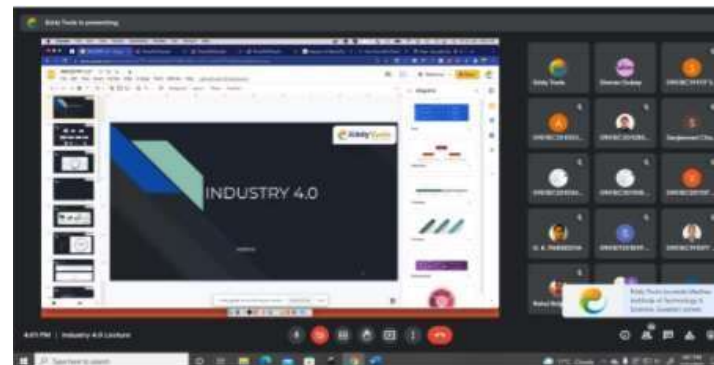
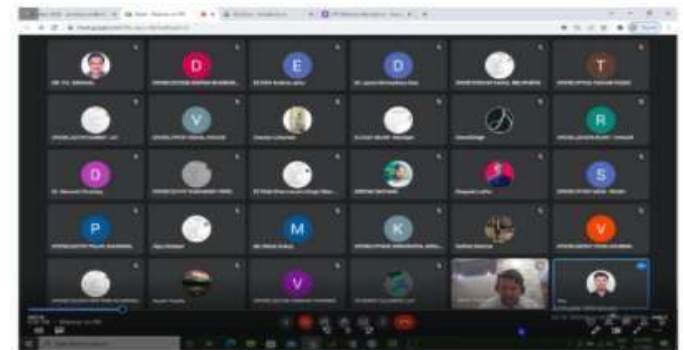
## 2.FDP/STC Attended(Outside/Inside) the Institute.

1. **Prof. Deep Kishore Parsediya** attended online Short Term Course on *Emerging Trends in Antenna Design for RF- energy Harvesting Circuit* from 03-08 January 2022 at NIT, Delhi.
2. **Dr. Vikas Mahor** attended online ATAL FDP on *Futuristic semiconductor devices for high end application* from 03-07 Jan 2022 conducted by AICTE.
3. **Dr. Shubhi kansal** attended online GIAN course on *Design and implementation on smart IOT systems* from 23-27 March 2022 at conducted by NIT Warangal.
4. **Dr. Sushmita Chaudhari** attended online ATAL FDP on *Industrial Internet of Things using LABVIEW* from 03-07 Jan 2022 conducted by AICTE.
5. **Dr. Laxmi Shrivastav** attended online course on *Sensors and Sensors circuit Design* through Coursera.



### 3. Expert Talk Organized at Institute Level.

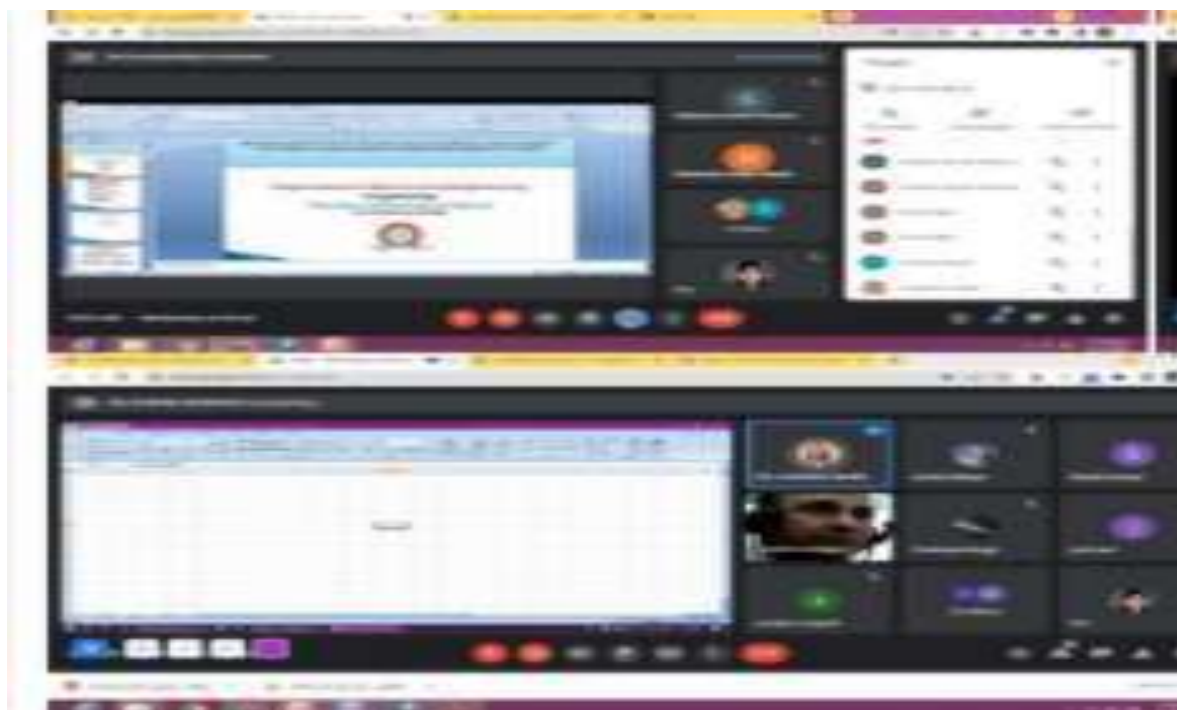
1. An **expert talk** on *Absorbing Media and Applications* was organized on 07 Jan 2022. **Dr. Gaurav Varshney** from NIT Patna was the keynote speaker. Dr. Shubhi Kansal organized the event.
2. A **webinar** on *IPR* was organized on 01 March 2022. **Mr. Awab Habib Faikh**, Director-Student LLP, Mumbai, India was the keynote speaker. Dr. Sandeep Sharma organized the event.
3. An **expert talk** on *Industry 4.0* was organized on 21 Jan 2022. **Mr. Ashish Namdeo**, Founder –Eddy Tools Tech Solution, Delhi was the keynote speaker. Dr. Rahul Dubey conducted the talk.





#### **4.Activities Organized(Workshop/Conference/FDP) at Institute Level.**

1. Workshop on “Microsoft excel” organized at MITS Gwalior on 23<sup>rd</sup> and 24<sup>th</sup> Feb 2022. 2022.Total 36 participant have successfully this workshop.
2. Workshop on “ ARDU-KNOW” organized at MITS Gwalior on 26<sup>th</sup> March 2022 by Electronics club.





## 5.NPTEL/ATAL/Coursera/Internshala attended by faculty.

1. **Dr. Sandeep Sharma** successfully completed NPTEL ( Fundamentals of computer systems &Digital electronics and Microprocessors) and 8 modules of NITTT courses during Jan – March 2022.
2. **Dr. Rahul Dubey** successfully completed ( Computer Fundamentals &Digital electronics and Microprocessors) and 8 modules of NITTT courses during Jan –March 2022.
3. **Dr. Karuna Markam** successfully completed the NPTEL course on Discrete Time signal Processing.
4. **Dr. Deepak Batham** successfully completed NITTT courses during Jan-March 2022.
5. **Dr. Varun Sharma** successfully completed and Topped in NPTEL course on CMOS Digital VLSI Design.



## 6.Publication SCI/Scopus/UGC with DOI number.

1. **Sandeep Sharma**, “*LT-FS-ID: Log-Transformed Feature Learning and Feature-Scaling-Based Machine Learning Algorithms to Predict the k-Barriers for Intrusion Detection Using Wireless Sensor Network*,” In Sensors 2022, 22(3), 1070; <https://doi.org/10.3390/s22031070>
2. **R. P. Narwaria**, “*A review on Volatility Forecasting Models for Financial Risk using Deep Learning Techniques*”, In International Journal of Research and analytical reviews (IJRAR), Vol. 9, issue 1, E-ISNN: 2348-1269, P-ISNN: 2349-5138 pp. 268-272. February 2022
3. **Vikas Mahor**, “*IoT Based Environment Friendly Public Dustbin for Smart Cities*”, In Journal of Architecture and Technology, Vol. 14, Issue 3, pp: 193-199, Mar. 2022, DOI: <https://doi.org/10.37896/JXAT14.03/314718>.





## 7. Student Club Activities Organized.

1. A poster making competition at institute level was organized by the *Rocket club* on 10<sup>th</sup> Feb 2022. Total 80 students participated in it.
2. An Inter-college online quiz series 2.0 was organized by the *Robotics club* from 16<sup>th</sup> Jan – 6<sup>th</sup> Feb 2022.





## 8.Awards/Honors.

1. **Dr. Laxmi Shrivastav** received certificate of recognition for achieving *high Administration efficiency Index* for Electronics and communication department for Jan-June 2021 on 10<sup>th</sup> March 2022.
2. **Dr. Vandana Vikas Thakre** (Faculty coordinator of IETE student forum MITS) received certificate of recognition for the *achievement of best student club/society chapter award* on 10<sup>th</sup> March 2022.
3. **Prof. Pooja Sahu** (Faculty coordinator of Art Club) received certificate of recognition for the *achievement of best student club/society chapter award* on 10<sup>th</sup> March 2022.
4. **Dr. Sandeep Sharma** received certificate of recognition for *his paper publication in SCI journal* during the year 2021.
5. **Dr. Deepak Batham** received certificate of recognition for *his paper publication in SCI journal* during the year 2021.
6. **Dr. Varun Sharma** topped in NPTEL course of CMOS Vlsi Digital Design.









## 9. Media Coverage

पूरे वर्ष में 1100 युनिट  
ब्लड कलेक्शन का लक्ष्य,  
पहला कैंप 27 को  
पत्रिका plus रिपोर्टर

ग्यालियर, जैम्स आई ग्यालियर की ओर से 27 फरवरी को ब्लड डोनेशन कैंप का आयोजन श्री ब्लड बैंक में सुबह 10 से शाम 5 बजे तक होगा। संस्था के अध्यक्ष अमित अग्रवाल ने बताया कि शहर में निरंतर ब्लड की कमी बनी हुई है। इस बात को ध्यान रखते हुए इस वर्ष हमने 1100 युनिट ब्लड एकत्रित करने का फैसला लिया है। इसमें हमारी पूरी टीम सहभागी बनेगी। साथ ही यह अन्य लोगों को भी ब्लड देने के लिए प्रेरित करेगी। इसी त्तरतम्य में पहली कार्यक्रम का रक्तदान कार्यक्रम प्रभारी वैभव सिंगल, सुनिता सिंगल, राजत अर्नाजा और कार्यक्रम समन्वयक अरुण अग्रवाल, जितेंद्र जाजू को बनाया गया है।

event city  
कुछ सेकंड में सर्च  
कर सकते हैं डाटा



पत्रिका plus रिपोर्टर

ग्यालियर, एमआईटीएस के इलेक्ट्रॉनिक्स विभाग की ओर से माइक्रोसॉफ्ट एक्सेल पर दो दिवसीय वर्कशॉप का समापन गुरुवार को हुआ। इसमें बताया कि ऑफिस डाटा को निर्यात तरीके से व्यवस्थित रख सकते हैं और कुछ ही सेकंड में केने डाटा को शर्तों के अनुसार खोज सकते हैं। इससे समय की भी काफी बचत की जा सकती है और लम्बे समय तक डाटा को मेल पर और कंप्यूटर पर सुरक्षित रखा जा सकता है। संयोजन विभागाध्यक्ष डॉ लक्ष्मी श्रीवास्तव ने की।







## 10. Departmental Activities.

1. Department of Electronics organized *offline campus connect programme* for 2<sup>nd</sup> and 3<sup>rd</sup> year students on 2 March 2022.
2. Department of Electronics organized *offline campus connect programme* for 1<sup>st</sup> year students on 14 March 2022.
3. In-House workshop on “*Addressing the special needs of slow and advanced learners through teaching-learning*” organized at MITS Gwalior on 4<sup>th</sup> Feb 2022. Total 17 participant have successfully completed this workshop.

