



MITS NEWSLETTER

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"Change is crucial. It brings new thought; new thought leads to innovative actions."

By Dr. APJ Abdul Kalam



MIT'S-NEWS LETTER

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PhD Awarded



Dr. Anjula Mehto awarded Ph.D. Degree on Title “Energy efficient data acquisition methods in mobile sink based wireless sensor networks” from Atal Bihari Vajpayee-Indian Institute of Information Technology & Management, Gwalior, M.P. on 6th July 2021.

Faculty Received Awards

Dr Jyoti Vimal along with student Nikhil Aditya from Department of Mechanical Engineering has been honoured with best paper award in technical session in International Conference on “Latest Trends in Civil, Mechanical and Electrical Engineering” (LTCMEE- 2021), Maulana Azad National Institute of Technology, Bhopal held during April 12-13, 2021.

Activities Organized (Workshop/Conference/FDP/STC/Expert Talk)

- **Department of CSE** organized a National Workshop on "Industrial Implementation Perspective of IoT" on 23.06.2021. The coordinators of the program were Prof. Anshu Chaturvedi and Prof. Khushboo Agrawal.
- **Department of CSE** organized FDP on Applied Computing, sponsored by AICTE. Prof. R S Jadon was the coordinator of the program.
- **Department of IT** has organized a 2-Days Training Program on “Python programming using Google Colab: An Online Tool”, 27-28 June 2021 for staff development activity under the IQAC of institute. Prof. Punit Kumar Johari was the coordinator of the program.
- **Department of Mechanical Engineering** organised an AICTE sponsored one week online short-term training program “Advances in Mechanical Engineering” during June 25 - 30, 2021. The main objective of this STTP was to provide an exposure about various thrust areas in advanced manufacturing systems and technologies such as additive manufacturing, smart manufacturing, flexible manufacturing system etc. This STTP brought together faculty members and researchers from different academic and industrial background to establish new research collaborations to address the challenges and explore the opportunities in the respective fields.
- **Department of Mechanical Engineering** offered an online module “Renewable Energy: Applications & Modelling” under the Finishing School Program for pre-final and final year students. The three-week program was coordinated by Dr. Amrat K Dhamneya, Dr. Ravi Kant Ranjan and Mr. Puneet K Nema. The objective of this online internship was to give an idea about various sources of the renewable energy and its application in different areas. The program was open for outside students as well.
- **Department of Humanities** offered Summer Internship Program on Soft Skill. Dr. Harbhajan Ahirwar trained 3rd year students of all branches of MITS on Creativity and Problem-solving Module under the program from 10 May to 29 May, 2021 in the guidance of Dr. Sanjeev Khanna.
- **Department of Civil Engineering** along with Indian Water Works Association Gwalior Centre organized webinar on the occasion of “World Environment Day” on 5th June, 2021.
- **Department of Electrical Engineering** organized Two-day workshop on Create, Collaborate & Work Dynamically Online in Google Apps on 19 & 20 June 2021.
- **Department of Electrical Engineering** organized Two-day workshop on Virtual Hands-on training on Tinkercad with IoT control during 25-27 June 2021
- **Department of Electronics Engineering** organized an Online three Day Workshop on “Smart Wireless Communication Technologies” on 28-30th June, 2021. Dr. Sandeep Sharma and Prof. Deepak Batham coordinated the program. Total 14 participants have successfully attended the program.
- Institution of Electronics and Telecommunication Engineers (IETE) Bhopal Center in collaboration with **Department of Electronics Engineering**, Madhav Institute of Technology and Science, Gwalior, IES University Bhopal, Shivpuri Institute of Technology, Shivpuri, Institution of Engineers (India), Gwalior

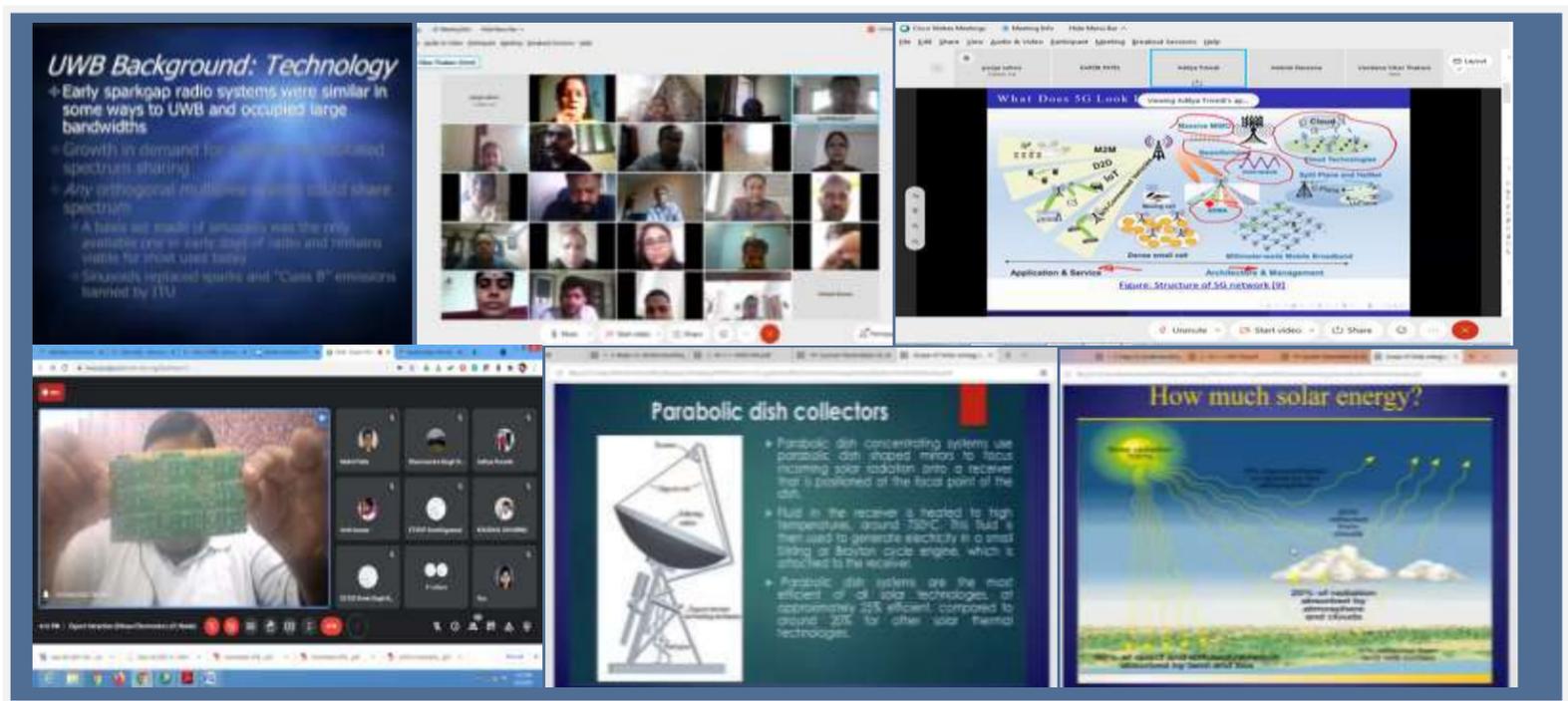


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Chapter and ICOTEX India, Gwalior organized an IETE Zonal Seminar and ISF congress on 16-17 May 2021 in virtual mode. Dr. Manjari Pandit, Dean Academics, MITS, Gwalior, Dr. P K Singhal, Chairman, IETE Bhopal Chapter, Prof. N.N. Kasat, Mentor IETE West Zone, and Prof. M.N. Hoda Chairman TPPC, IETE addressed the participants. 21 research papers were presented by speakers from all over the globe. One motivational talk was delivered by Mr. Prateek Singhal, Senior Director, SQUARETRADE, CALIFORNIA.

- **Department of Electronics Engineering** organized an ATAL Faculty Development Program on “Modern Techniques for Wireless Communication on 17th - 21st May 2021. Expert invited online in this FDP was Dr. Vimal Bhatia IIT Indore, Dr. Manoj Shukla HBTU Kanpur, Dr. Ram Bilas Pachori IIT Indore, Dr. Manoj Kumar Meshram IITBHU, Dr. Jyoti Singhai MANIT, Bhopal, Dr. Rakesh Singhai UIT RGPV Bhopal, Dr. Ashok De DTU Delhi, Dr. P. K. Singhal MITS Gwalior, Dr. Aditya Trivedi IIITM Gwalior, Dr. Vandana Vikas Thakare, Dr. G.S. Tomar Rajkiya Engg. College, Sonhadra, Dr. Yogendra Prajapati MNNIT, Allahabad, Mr. Sandeep Pradhan Heartfulness, Dr. Shehnaaz Ayub Khan, HOD, BIET Jhansi.
- **Department of Electronics Engineering** organized a workshop for teaching and non-teaching staff on “Excel and Simulation Software” on date 25 & 26 June 2021.
- **Department of Electronics Engineering** organized an expert talk on 29 June 2021 by Saurabh Kumar, MD, HITSAVI Electronics LLP, Noida. Mr. Saurabh interacted with the students about their interest related to PCB designing. This activity was coordinated by Prof. Pooja Sahoo and MoU signed with the industry by the department.



The Department of Architecture organized a workshop, A (BIM) Building Information Modelling on 23rd & 24th April 2021. The guest of honor was Ar. Amol A Sathe in close coordination with Prof. Anjali S. Patil and Prof. Dhruv Aditya Jain.

The Department of Architecture organized a two-day workshop on Architectural Professional Skills was hosted with guest speakers as Ar. Sandeep Khatpe on Working Online in Architecture Profession & Ar. Rommel Mehta on Working Drawing in Architecture on 30th April and 1st May 2021.

The Department of Architecture organized The Finishing School Program was launched for the enhancement of architectural skills in students which involved short-term courses in 3DS Max, Sketchup, Vray by Prof. Dhruv Aditya Jain and Prof. Anmol Gupta from 14th to 25th May 2021.

Talks Delivered Outside the Institute

- **Prof. Deepak Rastogi, Civil Engineering Department** has delivered an expert talk on topics “Ecosystem restoration” and “Water consumption” in the webinar organized by Civil Engineering Department, MITS and Indian Water Works Association Gwalior Centre on the occasion of “World Environment Day” on 5th June, 2021.
- **Prof. R S Jadon** from **Department of CSE**, delivered an expert talk at Academic Staff College LNIP, Gwalior in a faculty orientation program.
- **Prof. R S Jadon** from **Department of CSE**, delivered an Expert talk at AICTE sponsored FDP on “Applied Computing” in Department of Computer science and engineering.



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- **Prof. Jaimala Jha** from **Department of CSE**, delivered an Expert Lecture on Intelligent techniques of image retrieval in in house training conducted by CSE department on 20 June 2021.
- **Prof. Mahesh Parmar** from **Department of CSE**, delivered an Expert Lecture on Key Concept of Programming Languages in Three Days in House Workshop on Globally Accelerating Information, Communication and Intelligent Technologies: A Theoretical and Programming Approach organized by CSE Department of MITS, Gwalior on 20 June 2021.
- **Dr. Manjaree Pandit** from **Department of Electrical Engineering** has delivered Expert Talk on the topic "Learner centric digital teaching-learning and evaluation" on 12th April 2021 in AICTE-ISTE Refresher Program on "Learner Oriented Teaching Methods (Phase-II) conducted by IPS College of Technology and Management, Gwalior during April 07-13, 2021".
- **Dr. Manjaree Pandit** from **Department of Electrical Engineering** has delivered Keynote address in IETE Zonal Seminar & ISF Congress in Virtual mode on "Next Generation Communication Systems", on 17 May, 2021.
- **Dr. Manjaree Pandit** from **Department of Electrical Engineering** was an Invited member in AICTE working group for considering students having 10+2 with Agriculture/Biology/life Science subject for admission in B.E. / B.Tech. Program in Engineering and Technology, 30th April –June 2021.
- **Dr. Shishir Dixith** from **Department of Electrical Engineering** as contributed as the technical program committee (TPC) for CSNT 2021 (10th International Conference on Communication Systems and Network Technologies 2021)
- **Prof. Saurabh Kr Rajput** from **Department of Electrical Engineering** has delivered online **Expert Lecture** on "Impact of Ambient Temperature on PV Cell Performance Characteristics" organized by Department of Electrical Engineering in Collaboration with IEEE Student Branch & Chapters of REC, Ambedkar Nagar on June 19, 2021.
- **Prof. Saurabh Kr Rajput** from **Department of Electrical Engineering** was an invited **TPC Member** in 2nd Electric Power and Renewable Energy Conference (EPREC-2021) organized by Department of Electrical Engineering, National Institute of Technology (NIT) Jamshedpur during 28-30 May 2021.
- **Prof. Saurabh Kr Rajput** from **Department of Electrical Engineering** was invited as a **Session Chair** in 2nd Electric Power and Renewable Energy Conference (EPREC-2021) organized by Department of Electrical Engineering, National Institute of Technology (NIT) Jamshedpur during 28-30 May 2021.
- **Dr. Sanjay Singh Jadon** **Department of Architecture** graced the AICTE Training And Learning (ATAL) Academy with his ever gracious and jovial presence for their Online Elementary FDP on "Design Thinking" from 01-06-2021 to 05-06-2021 at Gyan Ganga Institute of Technology and Sciences.

Projects Undergoing

S.N	FACULTY	AGENCY	TITLE	STATUS
1.	Dr. M. K. Gaur	AICTE NEW DELHI	Performance Investigation of Solar Thermal system for sustainable Built Environment	Ongoing
2.	Dr.C. S. Malvi	TEQIP-III	Combined power and heat generation through, solar panel using phase change material	Ongoing
3.	Prof. Vedansh Chaturvedi	TEQIP-III	Design of Electrodes shade for optimization of ECM process parameters using hybrid Taguchi method for rotational jobs	Ongoing
4.	Prof. VaibhavShiv hare	TEQIP-III	Experimental Analysis of Human Lumbar Vertebrae during prolong distance and distance Driving.	Ongoing
5.	Dr. Amrat Kumar Dhamneya	AICTE TEQIP-III	Performance Enhancement of solar Distillation systems using nanoparticles	Ongoing
6.	Dr. Dharmendra Jain	AICTE TEQIP-III	3D Modelling & Finite Element Analysis of Biostructure from CTScan & MRI Data	Ongoing



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7.	Dr. Naresh Kumar Raghuwanshi	AICTETEIQIP-III	Analysis and control noise pollution in hospitals	Ongoing
8.	Mr. Neeraj Mishra	AICTE TEQIP-III	Design and Development of Portable Gnatho-dynamometer	Ongoing
9.	Dr. Pankaj Kumar	CRS Project	Nonlinear Mechanics of Elasto-Flexible Cables using Placement Model.	Ongoing
10.	Dr. Pratesh Jayaswal	AICTE	Skill and Personality Development Program for Centre of SC/ST Students	Ongoing
11.	Dr. C.S. Malvi	AICTE	Modernization of Theory of Machine Lab	Ongoing
12.	Dr. Naresh Kumar Raghuwanshi	AICTE TEQIP-III	Analysis and control of noise pollution in hospitals	Ongoing
13.	Dr. Manoj Trivedi	IRS TEQIP3	Multi-objective optimization using NSGA III	Ongoing
14.	Dr. Manoj Trivedi	RPS AICTE	Development of optimum front for Time-Cost trade-off for construction	Ongoing
15.	Dr. Valiur Rahaman	AICTE-NPIU CRS	Cognitive Literary Studies for the Progress of Computational Cognitive Modeling: A Humanities Approach to Technological	Ongoing
16.	Prof. Aditya Kumar Agarwal	TEQIP – IRS	Development of rationalized Water Quality Index	Ongoing
17.	Dr. Laxmi Shrivastava	TEQIP – IRS	Stress detection using EEG Signal	Ongoing
18.	Dr. Vandana V. Thakare	TEQIP – IRS	Design & Analysis of High Gain Dual Polarized Base Station Antenna Array for 4G/5G Applications	Ongoing
19.	Dr. Karuna Markam	TEQIP – IRS	Design of High Speed Non Volatile Memristor based SRAM Cell for Cache memories	Ongoing
20.	Prof. Madhav Singh	TEQIP – IRS	IoT wireless sensor Network for air monitoring	Ongoing

Patent File/Granted

Dr. Saumil Maheshwari 2021 (Granted) “Fuzzy Logic-Based Query Expansion Method for Efficient Information Retrieval Using Relevance Feedback Approach”, Application No. 2021101672

FDP/STC/Workshop Attended (Outside the Institute)

- **Prof. Ankita Sengar** from **Department of CSE**, attended One Week Atal FDP on Recent trends In digital image processing from 07 Jun -11 Jun 2021 organized by Poornima Institute, Jaipur
- **Prof. Anjula Maheto** from **Department of CSE**, attended One Week Atal FDP on Internet of Things from 07 June -11 June 2021 organized by Electronics Service and Training Centre, Kaniya, Uttarakhand
- **Prof. Mahesh Parmar** from **Department of CSE**, attended 100 Days of yoga program on Yoga for Unity and Well-being organized by Heartfulness Institute, March 14 to June 21 towards the International Day of Yoga 2021
- **Prof. R S Jadon** from **Department of CSE**, attended ATAL FDP on data sciences organized by IIIT Allahabad and FDP on AI and ML by Finland Lab in online mode
- **Prof. Hemlata Arya** from **Department of CSE**, attended ATAL FDP on Data Analytics
- **Prof. Sneha Garg** from **Department of CSE**, attended One Week Atal FDP on Information & Cyber Security from 14 June -18 June 2021 organized by IIIT Vadodara.
- **Prof. Hemlata Arya** from **Department of CSE**, attended International Conference on Innovations in Smart Technology, Advanced Materials and Communication Engineering (ISTAMCE 2021) held on 09th June 2021 at Amity School of Engineering and Technology, Amity University Madhya Pradesh, Gwalior.



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- **Prof, Shweta Patel** from **Department of IT**, has successfully participated in the “5 Days Workshop on Cyber Security and Cyber Forensics”, organized by the School of Computer Science and Engineering (SCOPE), VIT-AP University, Amaravati (AP), India during 9th to 13th June, 2021
- **Prof, Shweta Patel** from **Department of IT**, Assistant Professor of Madhav Institute of Technology & Science, Gwalior participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “application of artificial intelligence in Business” from 2021-6-21 to 2021-6-25 at Davanagere University.
- **Dr Ravi Kant Ranjan** from **Department of Mechanical Engineering** presented a paper titled “Isothermal Analysis of Stirling Engine” at National Conference on Advances in Mechanical Engineering organised by the Department of Mechanical Engineering of S.V N. I. T. Surat on May 27-28, 2021.
- **Dr. J. K. Muthale, Dr. S.K. Bharadwaj, Prof. D. K. Mishra, Department of Engineering Mathematics & Computing** attended E-Workshop on “How to Write Research Paper in Latex”, held on 26 June-2021, organized by Department of Applied Science, SIRT, Bhopal.
- **Dr. J. K. Muthale, Dr. S.K. Bharadwaj, Prof. D. K. Mishra, Department of Engineering Mathematics & Computing** attended Five day Workshop on “Computational Tools for Research in Science and Technology - 2021 (CTRST 2021), organized by Department of Mathematics & Statistics, Amity University, Noida, U.P. on 24-29, May 2021.
- **Dr. Rajeev Kansal, Civil Engineering Department** attended online National Workshop on Transformation through NAAC Assessment and Accreditation process” on 21 & 22 June 2021 held at Institute of Academic Excellence, Hyderabad.
- **Prof. Aditya Kumar Agarwal, Civil Engineering Department** attended online National Workshop on Transformation through NAAC Assessment and Accreditation process” on 21 & 22 June 2021 held at Institute of Academic Excellence, Hyderabad.
- **Dr. Sanjay Tiwari, Civil Engineering Department** attended two weeks online summer internship on “Structural Analysis & Design using ETABS” from 01-15th June, 2021 organized by the National Small Industries Corporation Ltd.
- **Prof. Nupur Verma, Civil Engineering Department** attended national webinar on "Green Materials for Construction - Way Forward" organized by UltraTech Cement Ltd. on 14 May 2021.
- **Dr. Sarvesh Kumar Jain, Civil Engineering Department** attended webinar on "Durability of concrete and its evaluation" organized by UltraTech Cement Ltd. on 08th May 2021.
- **Dr. Sarvesh Kumar Jain, Civil Engineering Department** has completed two weeks industrial training on “Structural design using STAAD PRO”, from 15th- 29th May, 2021, organized by the National Small Industries Corporation Ltd.
- **Dr. Sarvesh Kumar Jain, Civil Engineering Department** attended webinar on "Concrete for energy efficiency and comfort in buildings" organized by UltraTech Cement Ltd. on 26 June 2021.
- **Dr. Sarvesh Kumar Jain, Civil Engineering Department** attended webinar on "Variability and factors affecting the interpretation of concrete strength" organized by UltraTech Cement Ltd. on 12th June 2021.
- **Dr. Sarvesh Kumar Jain, Civil Engineering Department** attended webinar on "Onsite evaluation of concrete strength by CAPO test" organized by UltraTech Cement Ltd. on 19th June 2021.
- **Dr. Manjaree Pandit Department of Electrical Engineering** attended “National Workshop on NAAC Accreditation” on June 03 & 04, 2021 at Engineering Staff College of India (ESCI), Hyderabad
- **Dr. Manjaree Pandit Department of Electrical Engineering** attended Two-day National Workshop for Higher Educational Institutions on “Transformation through NAAC Accreditation Process” on 21st and 22nd June, 2021, organized by Collegiate Education and Technical Education Department, Government of Telangana & Institute of Academic Excellence, Hyderabad in Online Mode
- **Dr. Shishir Dixit, Prof. Shailendra Pratap Singh Department of Electrical Engineering** attended workshop on Hands on training on Tinkercad with IoT control conducted by MITS Gwalior from 25th June to 27th June 2021.
- **Dr. Shishir Dixit, Prof. Shailendra Pratap Singh, Dr. Vikram Department of Electrical Engineering** attended Workshop on virtual labs on 15th may 2021
- **Dr. Vijay Bhuria Department of Electrical Engineering** attended workshop on “Developing Academic Leaders for Quality HEI's” from 5th June to 9th June 2021.
- **Prof. Pooja Sahoo Department of Electronics Engineering** attended the five day workshop on “Hands-on Session in Drafting and Filing Procedure of Intellectual Property Rights”, organized by Department of Electronics & Communication engineering, Jaipur, Rajasthan on 03-07 May 2021.



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- **Dr. Laxmi Shrivastava** and **Prof. Pooja Sahoo** **Department of Electronics Engineering** attended the workshop on “Role of Holistic Education in Building an Equitable, Safer and Happier Society”, organized by MITS Gwalior on 5th June 2021.
- **Dr. Hemant Choubey** **Department of Electronics Engineering** attended the International Webinar on “Climate Change & Global Warming”, organized by IETE MP Chapter in collaboration with Institution of Engineers, Gwalior Local Centre, IES University, Bhopal, Shivpuri Institute of Technology, Shivpuri on 5th June 2021.
- **Dr. Laxmi Shrivastava** **Department of Electronics Engineering** attended ATAL online FDP on “Wireless Communication Technologies” organized by AICTE on 21-25th June, 2021.
- **Dr. Vikas Mahor** **Department of Electronics Engineering** attended ATAL online FDP on “Challenges and Opportunities in VLSI for IoT Applications”, organized by KL University on 21-25th June, 2021.

NPTEL/ COURSEERA/INTERNSHALA courses attended by the Faculty

- **Prof. R S Jadon** from **Department of CSE**, successfully completed one NPTEL course on DBMS.
- **Prof. Punit Kumar Johari** from the **Department of Information Technology** has successfully completed NPTEL-AICTE FDP of an 8-week course on “**Data Science for Engineers**”.
- **Prof. Namrata Agrawal** from **Department of IT** successfully completed 4 week “**Object Oriented Data Structures in C++**” an online course authorized by Illinois at Urbana-Champaign and offered through coursera.
- **Prof. Namrata Agrawal** from **Department of IT**, successfully completed 7 week “**Programming for Everybody (Getting Started with Python)**” an online course authorized by University of Michigan and offered through coursera.
- **Mr. Sharad Agrawal** from **Department of Mechanical Engineering** successfully completed an online NPTEL course on “**Fundamentals of Welding Science and Technology**” and earned an elite certificate.
- **Dr. Sarvesh Kumar Jain**, **Civil Engineering Department**, attended NPTEL online course titled “**Safety in Construction**” from 15th February 2021 to 05th April 2021.

Book Chapter Published

- Kosti S., Malvi C.S., Vishwakarma S.K. (2021) **Hybrid Nano-materials Properties Analysis for Solar Photovoltaic**. In: Kumar A., Pal A., Kachhwaha S.S., Jain P.K. (eds) Recent Advances in Mechanical Engineering. Lecture Notes in Mechanical Engineering. Springer, Singapore. https://doi.org/10.1007/978-981-15-9678-0_26. May 2021.
- Suneeta Kumari “**Polymeric Membrane-Based Processes for Removal of Heavy metals**” In: Waste water treatment, vol-6, CRC press, 15 July 2021.

STUDENTS OF 2017-2021 UNDERGRADUATE BATCHES GRADUATED WITH HONOURS IN PARENT DISCIPLINE/MINOR SPECIALIZATION IN ALLIED DISCIPLINE

No. of students who passed with Honors in Parent Discipline: 25 Nos

ME	AU	IT	EE	EC	CS	ET
13	01	02	04	01	03	01

No. students who passed with of Minor Specialization: 11 (All in CSE)

ME	AU	EC	BT	ET
03	02	02	02	02

NPTEL RESULT

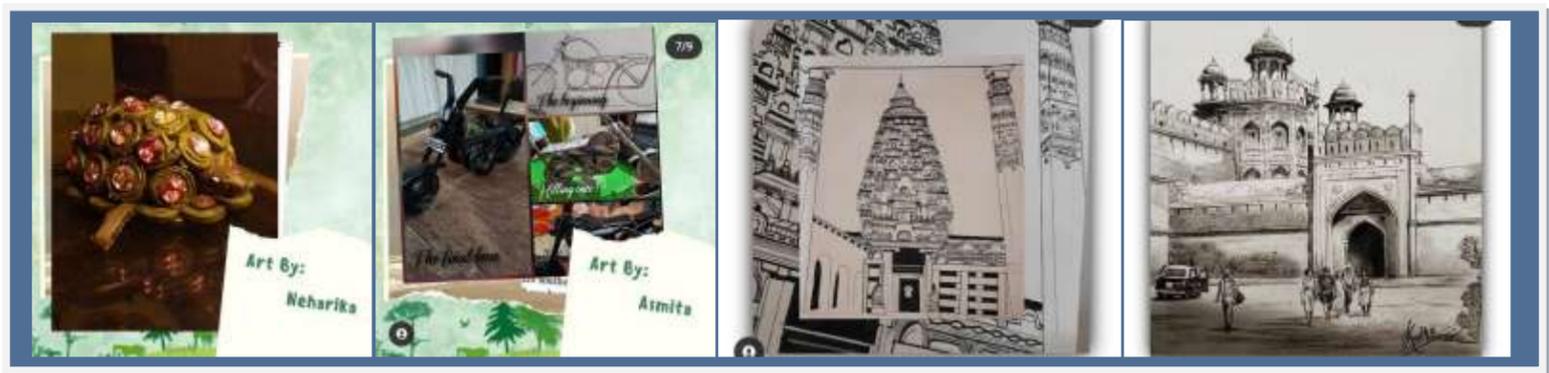
The result of NPTEL examination (that was held on 21st March 2021) is announced total 91.17% of students have qualified the examination. Congratulations to the students for their success.

Certificate Type	No. of Qualified Students
Elite + Gold	59
Elite + Silver	535
Elite	891
Successfully Completed	322



Student Club/Chapters Activities Organized

- The club of **Digital Learning Group** organized a 2 - day workshop on “Robotics Design in Fusion 360” from 29-30 May 2021.
- The club of **Digital Learning Group** drives the Covid-19: Vaccination Awareness Campaign (Are these increasing post covid fungal infections blocking our rays of hope!!!?) using Digital Platform “Blogging”.
- The club of **Digital Learning Group** has successfully organized a Robotics quiz online on 27 May 2021.
- The club of **Digital Learning Group** drives the Covid-19: Vaccination Awareness Campaign (Vaccination: Is it really a sigh of Hope!?) using Digital Platform “Blogging”.
- The **Startup Cell organized** an Expert Talk on AIBOTICS expert talk on AI and Robotics by Mr. Arijit Hajra, The CEO of Think Again labs (Cofounder at Space app India, Mentor of change at ATAL Innovation Mission by Government of India and Talk show host at Space talk India) on dated 25/4/2021.
- The **Startup Cell organized** an event “A Hunt for an Entrepreneur: Survey” from 3 June to 6 June 2021.
- **Holistic health Club** organise live interaction session and webinar on Indian youth ideologies with the speaker Miss Aadya Dixit on 25.04.2021
- **ISTE Student chapter** MITS organise Flutter workshop, Machine Learning workshop & Tinkercad workshop during 17 & 18 April 2021
- **Art club MITS** organized an event on celebration of world environment day 2021 through Art.
- **Art club MITS** celebrated the world heritage day on 18 April 2021 through painting and showing Indian cultural traditions in the wider context of the great diversity of cultures, beliefs, and traditions through art.



Student's Achievements in Extracurricular Activities

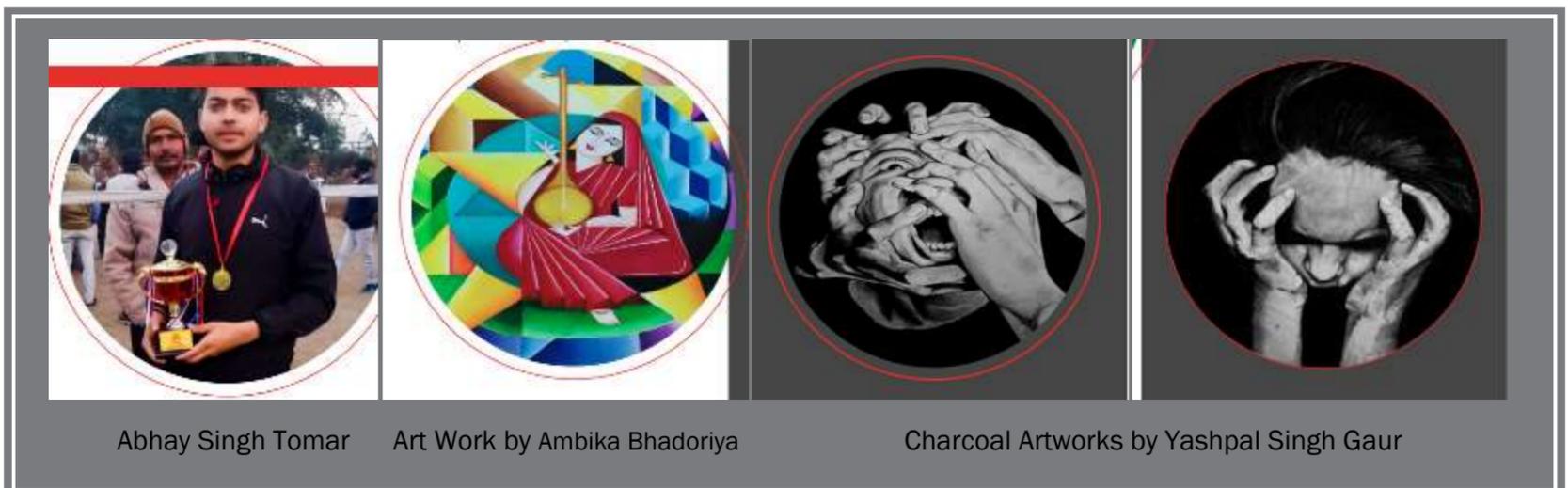
- **Rohit Kushwah** CSE final Year, secured 621 all india rank in gate 2021 with gate score 715
- **Aman Izardar** CSE final year, secured 1460 all india rank in gate 2021 with gate score 637
- **Jahnvi Singhal** CSE third Year, passed gate 2021 with gate score 377
- **Shivam Navin** CSE final Year, passed gate 2021 with gate score 400
- **Anubhav Gupta** CSE third year passed gate 2021 with gate score 381
- **Samarth Sharma** CSE final year established an IT Company in Lockdown (October 2020), registered as DoTech Technologies (<https://dotech.online/>). He has completed more than 100 projects for startups, small businesses and corporate companies under DoTech. DoTech Technologies has almost 5 lakhs turnover in a month,
- **Samarth Sharma** CSE final Year student started another firm called Active Nutrition, which is a selling/buying platform for fitness and health supplements. The company is officially launched in the first week of July, 2021. MITS Journalism Society organized webinar on " PCOS and debunking the myths related to it" - College level, 28th May 2021: The webinar was conducted on Menstrual Hygiene Day for spreading awareness regarding the importance of proper maintenance of hygiene during menstruation and health issues in women related to it.
- **Mohini Sharma** B. Tech Civil Engineering 3rd Year organized online poetry competition “NaPoWriMo 2021” under literary club Querencia.
- **Saksham Singh Chauhan** B. Tech Civil Engineering 1st year co-organized a “Robotics Workshop” conducted by digital learning group, MITS.
- **Nipurn Runij** B. Tech Civil Engineering 3rd Year worked with one of the leading startups “FRONTGROW” as product and growth manager.
- **Rajan Pandey** B. Tech Civil Engineering 3rd Year published a research paper titled “Study of finite slopes stability variations in different soils using Finite Element Analysis based software”
- **Rajan Pandey** B. Tech Civil Engineering 3rd Year has participated in the online course on “Geo informatics for disaster management” conducted by IIRS-ISRO from 5th-16th April, 2021.



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- **Priyam Shivhare** B. Tech Civil Engineering 3rd Year has participated in the online course on “Geoinformatics for disaster management” conducted by IIRS-ISRO from 5th-16th April, 2021.
- **Abhinav Singh Kharoliya** B. Tech Civil Engineering 2nd Year has participated in the online course on “Geo informatics for disaster management” conducted by IIRS-ISRO from 5th-16th April, 2021.
- **Mohit Singh** B. Tech Civil Engineering 2nd Year organized a “Robotics Design in Fusion 360” under digital learning group, MITS.
- **Arjun Vishwakarma**, B. Arch 2nd year student was shortlisted among selected 1500 entries on the national level in TOYCATHON 2021. This national-level competition was 3 days event (22 June - 24 June).
- **Shreya Pateriya**, B. Arch 2nd-year student participated in road to Tokyo 2020 quiz which was organized by the sports authority of India (SAI), Indian Olympic association (IOA)& my gov in June 2021
- **Shreya Pateriya**, B. Arch 2nd-year student participated in mentoring yuva quiz which was organized by my gov held in June 2021.
- **Abhay Singh Tomar** , B. Arch 2nd-year student won 1st prize and get a cash prize of 6100/- with a gold medal in Volleyball with his team in Madhavgarh Tournament.
- **Falguni Tayal**, B. Arch 1st-year student has participated in a creative challenge competition and has won the first prize in the junior poetry competition.
- **Anuj Dogne, Austin Dominic, Shivangi Swarnkar, Anusha Verma, Shruti Pal, Lavanya Kharait, Anmolika Sarraf, Khushi Verma**, B. Arch, 2nd-year student won the first prize in the “Jabalpur street for people challenge” organized by "Ministry of Housing and Urban Affairs" government of India. Among two team’s namely civic center and cultural street of which cultural street team (**Shivangi Swarnkar, Austin Dominic, And Anuj Dogne**) won the first prize. Which one of the entries won the first price with a cash price worth INR 10.000 /-.
- **Ambika Bhadoriya**, B. Arch, 3rd-year student has participated in the competition nation future champs organized by Divyanshi creations.the competition was from Shikohabad, Firozabad district, she won the competition under painting category and got 1st prize and the painting also got selected for the exhibition in Shikohabad,in gardenia inter-college Shikohabad.



Activity Organized Under National Service Scheme

1. Seminar on “The contribution of Madhya Pradesh in India's freedom movement”:

National Service Scheme unit MITS and Electronics Engineering Department organised a seminar/ speech competition on “The contribution of Madhya Pradesh in India's freedom movement” on 15/06/2021. Total 26 students were participated. This Program was conducted under supervision of Mr Deep Kishor Parsediya.

2. Yuva Shakti Corona Mukti Abhiyan

The **Chief Minister of Madhya Pradesh, Shri Shivraj Singh Chouhan**, addressed the student for “Corona Ankul Vyavhar avam Vaccination” through online mode under Yuva shakti Corona Mukti Abhiyan on 18/06/2021. Total 15 students participated through MITS Centre and more than 50 students participated from home.

3. Initiatives Towards Social Responsibility During Pandemic

National Service Scheme unit MITS and MITS Social responsibility Club were take Initiatives towards Social Responsibility during Pandemic. In this programme Yoga, Pranayam & Meditation sessions were organized on daily basis from 10/05/2021 to July 2021 for reduces stress, controls anxiety, promotes emotional health, enhances self-awareness, lengthens attention span, may reduce age-related memory loss, and can generate kindness etc.



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Extension Activities Organized

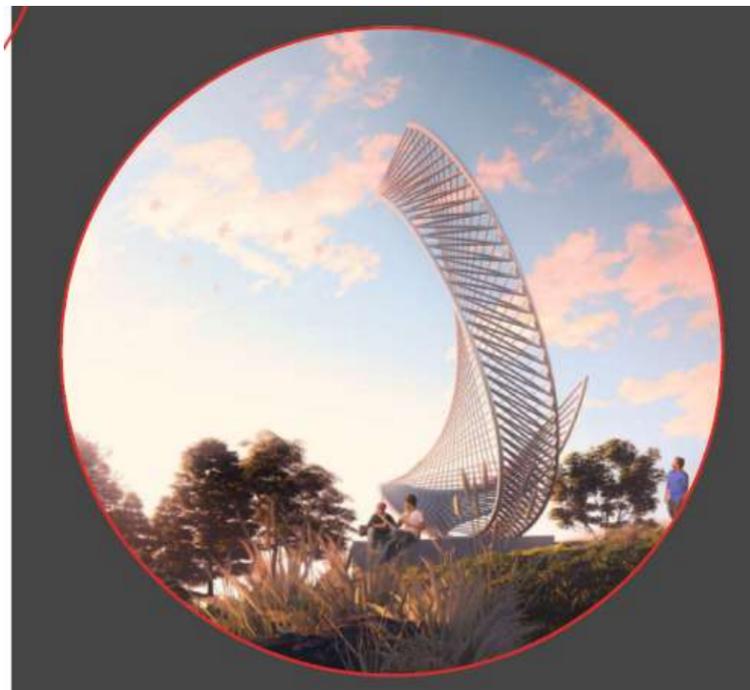
- Prof. Anshu Chaturvedi from **Department of CSE**, organized a Workshop titled **Gender Balance Approach-A Necessity** on 27.06.2021 in collaboration with GGC, MITS.

Innovative Design

Matchstick Model by Sangam Agrawal – 1 year



1st Year B. Arch student
Sangam Agrawal
designed **AVENGER TOWER** with a
matchstick
in Mimicking Building Structural System
of Unique Building activity in Workshop
Class



2nd Year B. Arch Students
Austin Dominic Anuj Dagne,
Shivangi Swarnkar
took part in TATA Notions of India is an
international design competition to create an
outdoor symbolic structure that articulates the
essence of the nation and its journey into a
glorious future.

TEAM NEWSLETTER

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Media Coverage

एमआईटीएस में नेशनल वर्कशॉप

आइओटी से बना सकते हैं फायर अलार्म सिस्टम

ग्वालियर • एमआईटीएस के कंप्यूटर साइंस विभाग की ओर से नेशनल वर्कशॉप हुई। इसका टॉपिक 'इंस्ट्रिमेंटेशन ऑफ आइओटी' रखा गया था। फायर सत्र में प्रो. आरुण चतुर्वेदी ने आइओटी एवं उसके उपयोग के बारे में बताया। साथ ही जानकारी दी कि किस तरह से आइओटी विभिन्न क्षेत्रों में कार्य कर रहा है। दूसरे सत्र में प्रो. सुप्रभा अग्रवाल ने हेड ऑन सेशन में बताया कि किस तरह से हम आइओटी में फायर अलार्म सिस्टम बना सकते हैं। साथ ही उन्होंने फायर सिस्टम का एक मिनि प्रोजेक्ट भी बनवाया।



डिवाइस के हिसाब से बदल जाती है लाइब्रेरी

तीसरे सत्र में प्रो. पूजा अग्रवाल ने डीएम ऑटोमेशन सिस्टम के बारे में जानकारी दी। उन्होंने बताया कि कैसे रेसवेरी पाई की लाइब्रेरी डिवाइस के हिसाब से बदल जाती है। उन्होंने रियल टाइम अप्लीकेशन में दूर से ही लाइट बंद एवं कोटिंग करके दिखाई। अंत में डॉ. पारुल सक्सेना ने आभार व्यक्त किया। इस अवसर पर विभागाध्यक्ष डॉ. मनीष दीक्षित उपस्थित रहे।



ग्वालियर • एमआईटीएस के कंप्यूटर साइंस एंड इंजीनियरिंग विभाग की ओर से इंटेलिजेंट प्रॉपर्टी राइट्स विषय पर एक्सपर्ट लेक्चर हुआ। मुख्य वक्ता के रूप में डॉ. मनीष श्रीवास्तव, डीन भोपाल ने बताया कि पेटेंट फाइलिंग, लेटेंट पब्लिकेशन एवं पेटेंट ट्रांसफर मुख्य चरण हैं। उन्होंने बताया कि प्रोसेस को अपेक्षा प्रोडक्ट पर पेटेंट मिलना ज्यादा उचित है। पेटेंट मिलने में नोवेल्टी, सिम्बोयोरिटी एवं समाज के हित को विशेष तवज्जो दी जाती है। उन्होंने भारत एवं अन्य देशों में पेटेंट में एक तुलनात्मक अध्ययन भी बताया। पेटेंट सर्वे एवं लेटेंट डेटाबेस के बारे में भी जानकारी दी। एक्सपर्ट लेक्चर में 50 से अधिक प्रतिभागियों ने भाग लिया। आभार एमआईटीएस के कंप्यूटर साइंस के विभागाध्यक्ष डॉ. मनीष दीक्षित ने व्यक्त किया।

नेशनल टेक्नोलॉजी डे - पहिए युवा और फैकल्टी के ऐसे नवाचार जो लोगों के लिए बन रहे हैं मददगार

स्मार्ट आइसोलेशन वार्ड में फ्रंट लाइन वर्कर नहीं होंगे संक्रमित, लैब में उगाई हिमालय की मशरूम

युवाओं के नवाचार

मिर्ठी विद्यार्थी - कोरोना काल के दौरान लैब के तबूजों और फैकल्टी के कई ऐसे नवाचार किए जो अब समाज के काम आ रहे हैं। इनमें से कुछ नवाचार ऐसे भी हैं, जो पहिए युवा और फैकल्टी के साथ-साथ टेक्नोलॉजी के पर आज हम सत्र के तैयारी से युवाओं को सचेत कर रहे हैं, जो कोरोना काल में भी समाज को भाई के तौर पर काम करने वाले हैं।

दुर्लभ मशरूम पर 2 साल तक रिसर्च की, आयुर्वेदिक लैब भी तैयार कराई

लैब में 2 साल तक रिसर्च की गई मशरूम को आयुर्वेदिक लैब में तैयार कराया गया है। इस लैब में 2 साल तक रिसर्च की गई मशरूम को आयुर्वेदिक लैब में तैयार कराया गया है। इस लैब में 2 साल तक रिसर्च की गई मशरूम को आयुर्वेदिक लैब में तैयार कराया गया है।

आइओटी पर आधारित होंगे स्मार्ट आइसोलेशन वार्ड

स्मार्ट आइसोलेशन वार्ड में फ्रंट लाइन वर्कर नहीं होंगे संक्रमित, लैब में उगाई हिमालय की मशरूम।

पत्रिका PLUS 07

नेशनल टेक्नोलॉजी डे: कोरोना काल में युवाओं ने डवलप की तकनीक संक्रमण से बचने तैयार किया नेकलेस, तनाव दूर करने बना डाला चेंजर गेम

पत्रिका PLUS रिपोर्ट

नेशनल टेक्नोलॉजी डे: कोरोना काल में युवाओं ने डवलप की तकनीक संक्रमण से बचने तैयार किया नेकलेस, तनाव दूर करने बना डाला चेंजर गेम।

चेंजर गेम

चेंजर गेम को अजर आने ही चेंजर गेम बनाने के लिए युवाओं ने डवलप किया। यह गेम तनाव दूर करने में मदद करता है।

नेकलेस

नेकलेस को अजर आने ही नेकलेस बनाने के लिए युवाओं ने डवलप किया। यह तकनीक संक्रमण से बचने में मदद करता है।

Cityभास्कर

इंटरशिप: घर से बता रहे इंजन का डिफेक्ट पर्यटन मंत्रालय की वेबसाइट बनाएंगे बेहतर

इंटरशिप: घर से बता रहे इंजन का डिफेक्ट पर्यटन मंत्रालय की वेबसाइट बनाएंगे बेहतर।

डिजिटल कलाकारों को प्रोत्साहित किया गया

डिजिटल कलाकारों को प्रोत्साहित किया गया।

पेटेंट की प्रक्रिया को सरल बनाने का प्रयास

पेटेंट की प्रक्रिया को सरल बनाने का प्रयास।

एमआईटीएस में पांच दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम

शिक्षकों ने जानी मॉडर्न माइक्रोवेव थ्योरी और टेक्नीक्स के बारे में

एमआईटीएस में पांच दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम

शिक्षकों ने जानी मॉडर्न माइक्रोवेव थ्योरी और टेक्नीक्स के बारे में।

एमआईटीएस में पांच दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम का समापन हुआ।

एमआईटीएस में फैकल्टी डेवलपमेंट प्रोग्राम

डाटा कलेक्शन के साथ डाटा क्लीनिंग, एक्सप्लोरेशन और एनालिसिस भी जरूरी

एमआईटीएस में फैकल्टी डेवलपमेंट प्रोग्राम

डाटा कलेक्शन के साथ डाटा क्लीनिंग, एक्सप्लोरेशन और एनालिसिस भी जरूरी।

एमआईटीएस में फैकल्टी डेवलपमेंट प्रोग्राम का समापन हुआ।

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