



MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

NEWS LETTER

Vol. 8, No. 3

July-September-2020

E-mail: enewsletter@mitsgwalior.in

Team Newsletter hope and pray that all is good with you and your family during this difficult time as the global COVID-19 pandemic is still peaking around many countries.

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Independence Day Address



A very happy 74th Independence day to all MITIANS!! As the nation celebrates and commemorates this special day and pays tributes to the magnificent tricolor, the beloved 'Tiranga' the glimpses and mental images of history, the independence movement and the sacrifices of countless Indians people haunt us. During this COVID-19 pandemic we all have become acutely aware of what 'independence' exactly means. Never before I missed my dear students on the campus as much as on this Independence Day; their absence has taken away all the laughter, music and ambience from the premises!! A lot has changed during these past few months but I am confident that the indomitable spirit of MITIANS will prevail and my dear students will bounce back very soon with enhanced vigour, vitality, energy and dynamism. This is a kind of hibernation period for all of you which you must utilize to inculcate new skills and talents, to double your strengths and to improve your profiles. This time when you are away from the campus must not be wasted in sulking and complaining about the things which you can't have; instead you all must concentrate on the things that are possible, are achievable and you must make the most of it. Every dark cloud has a silver line; I aspire and wish that all of you focus on that silver line!!

I will like to mention here the contribution and solidarity of my faculty and staff during this difficult period; without their dogged dedication the institute could not have been able to conduct an advanced digital semester, aiming to take the session forward in a speedy manner without further wasting the valuable time of our students.

I salute the martyrs and brave soldiers of our nation who risk their lives to guard the unity, safety and territorial integrity of the country. If every citizen follows their example, takes inspiration from their sense of duty I am sure the country will achieve new heights. Let's all take a pledge that each one of us will contribute to take the nation a step forward.

Finally, with freedom in our minds, faith in our words, and pride in our souls..... Let us salute the National Flag.

Jai Hind, Jai Bharat!!

Dr. R. K. Pandit
Director

INSTITUTE ACHIEVEMENT

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR	
(A Govt. Aided UGC autonomous & NAAC Accredited institute affiliated to RGPV, Bhopal)	
New Under Graduate Course in Engineering & Technology Program	
B.Tech. in MATHEMATICS AND COMPUTING	Intake-60
B.Tech. in INTERNET OF THINGS	
(Offering Department-Electrical Engineering)	Intake-60
B.Tech. in INTERNET OF THINGS (IoT)	
(Offering Department- Information Technology)	Intake-60
B.Tech. in INFORMATION TECHNOLOGY	
(Artificial Intelligence and Robotics)	Intake-60
New Under Graduate Course in Architecture & Planning Program	
Bachelor of PLANNING	Intake-40
New Post Graduate Course in Management Program	
MBA	Intake-60



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FACULTY RECEIVED AWARD/ PRIZE

Prof. Pranshi Jain from Department of Architecture received the GOLDEN Award in an Online Group International Art Exhibition 2020, organized by Colors of Art Group, India from 11Aug. - 22 Aug. 2020.

Congratulations!

FACULTY AS RESOURCE PERSON

1. **Dr. Hansnath Tiwari** delivered an expert session on "The role of Publications in Professional Growth" as a resource person, in three days national level E-workshop organized by CSE Departments of SIRTS, Bhopal on 29th July 2020.
2. **Dr. S.K. Jain** Delivered lecture as a speaker in 5 days online FDP on Future trends in Earthquake resistant design of structures (FTRERDS 2020) organized by Department of Civil Engineering BIET Jhansi during 17-21 Aug2020.
3. **Prof. Deepak Rastogi** Delivered Expert Talk on "Environmental Impact of Idol Immersion" , on 9 August 2020, Webinar organised by IWWA Gwalior center and Civil Engineering Department , M.I.T.S.,Gwalior.
4. **Dr. A. K. Wadhvani** delivered an expert talk on Determination of Severity Index of Covid-19: on Various Field Based on Astrological Aspects, at Millennium Institute of Technology & Science, Bhopal on 06.07.2020 2
5. **Dr. A. K. Wadhvani** delivered an expert talk on Neuro-muscular Disease Diagnostics System Using Soft Computing System, Dept. of Electronics Engineering, RTU, Kota on 26.08.2020
6. **Dr. A. K. Wadhvani** delivered an expert talk on Role of Artificial Intelligence in Present Scenario G.B. Pant Institute of Engineering & Technology, Pauri -Garhwal on 4.9.2020
7. **Dr. A. K. Wadhvani** delivered an expert talk on Forecasting Regarding the End of Covid-19 & Successful Development of Vaccine & Determination of Severity Index of : Covid-19 on Various Field Based on Astrological Aspects & Fuzzy Rules, Swami Vivekanand Technical University (CSVTU), Bhilai on 12.09.2020
8. **Dr. A. K. Wadhvani** delivered an expert talk on Forecasting for End of Covid-19 & Severity Index Based Astrological Aspects using Fuzzy Rules, BIET, Jhansi on 19.09.2020
9. **Dr. A. K. Wadhvani** delivered an expert talk on Forecasting for End of Covid-19 & Successful Development of Vaccine and Determination of Severity Index Based Astrological Aspects using Fuzzy Rules G.B. Pant Institute of Engineering & Technology, Pauri –Garhwal, 22.09.2020
10. **Dr. A. K. Wadhvani** delivered an expert talk on Real Time Data Acquisition & Signal Conditioning with some Applications, MGIT, JNTU, Hyderabad on 25.9.2020
11. **Dr. A. K. Wadhvani** delivered an expert talk on Role of Artificial Intelligence in Present Scenario , Vishwavidyalaya engineering College, Lakhanpur, A Constitute College of CSVTU, Bhilai on 26.9.2020
12. **Dr. Shishir Dixit** delivered an expert talk on TPC and Reviewer in 2nd International Conference on Enhanced Research and Industrial Application 2020 8 October 2020 - Yogyakarta, Indonesia International Conference on Enhanced Research and Industrial Application
13. **Dr. S hishir Dixit** delivered an expert talk on TPC and Session Chair in 12th IEEE International Conference (CICN 2020)



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14. **Dr. Rajni Ranjan Singh** invited as an expert in Faculty development Programme on "Cyber Security " dated 28/08/2020 organized by Oriental Institute of Science and Technology, Bhopal under AICTE Training and Learning (ATAL) Academy Program.
15. **Dr. Rajni Ranjan Singh** invited as Resource Person in A two days collaborative online workshop with Directorate of Technical Education, Madhya Pradesh is to be conducted on 'Digital Teaching Learning: Tools & practices. July 2020.
16. **Dr. Sanjiv Sharma** delivered invited talk and guest or expert lecture on "Trends and Challenges in Data Mining" at 13th July 2020 organized by Computer Science & Engineering, Vadodara, Gujarat.
17. **Mr. Arun Kumar** delivered lecture on "Machine Learning uses Python" in Workshop on Data Analytics at SKIT, Jaipur, Rajasthan from 23 - 25 August, 2020.
18. **Mr. Mir Shahnawaz Ahmad** delivered lecture on "Predictive Analysis using Python" in Five Days FDP on "Data Science" at Arya College of Engineering & Research Centre, Jaipur, Rajasthan, during 12 - 16 Sep 2020.
19. **Dr. Valiur Rahaman** Invited to deliver lightening talk on "Digital Pedagogy" at North Carolina University USA Hosted by Digital Humanities Collaborative of North Carolina. Hannah and Maggie Murphy. <http://dhcnc.org/dhci/> 17 July 2020.
20. **Dr. Valiur Rahaman** Invited to deliver training talk TEQIP-III sponsored Five-day FDP on "Recent Pedagogy and ICT Tools in Teaching & Research" NIT UK and IIT Roorkee at hosted by NIT Uttarakhand.
21. **Dr. Valiur Rahaman** Invited to deliver expert lecture on UGC Mandate Pre-PhD Course Work "Research and Publication Ethics" Syllabus Topic "Art of Literary Research" hosted by Department of English, Maharaja Krishna kumars inhji Bhavnagar University. Bhavnagar. Gujarat. India.
22. **Dr. M.K Gaur** delivered an expert lecture on July 15, 2020 in three days Online STTP on 'Futuristic Innovation In Solar Energy' organized by RGPV, under TEQIP-III in association with Department of Mechanical Engineering Gyan sagar college of Engineering, Sagar.
23. **Dr. M.K. Gaur** delivered a keynote address on 'Heat and Mass Transfer Analysis of Solar Distillation Systems' during the 2nd international conference on 'Recent Advances in Mechanical Infrastructure (ICRAM-2020) organized by department of mechanical engineering, Institute of Infrastructure, Technology, Research and Management, Ahmadabad during August 21-23, 2020.
24. **Dr. Laxmi Shrivastava** chair the session during 12th IEEE International Conference on Computational Intelligence and Communication Network from 25-26 Sep 2020 at BIAS Bhimtal.
25. **Dr. Vandana Vikas Thakare** delivered an expert lecture in BIET Jhansi during online short term course on Artificial Neural Network during Aug 22-26, 2020.
26. **Dr. Rahul Dubey** delivered an expert lecture on Signal processing application in MIT, Bhujbal, Nashik on 25 Sep, 2020.

Activities (Workshop/Conference/FDP/STC) organized at Institute Level

1. **Department of Applied Science** organized one day National E –Workshop on Recent Trends in Engineering Materials (RTEM-2020) on 7th August 2020.
2. **Department of Applied Science** organized One Day National E -Workshop on Nanosensors and Their Applications (NSTA-2020) on 31 Jul 2020
3. **Department of CS/IT/MCA** organized online workshop on "Gender Equality & Women Safety" on 10.07.2020 by Girls Grievance Cell organized by Dr. Anshu Chaturvedi.



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- 4. Department of Electrical Engineering** has organized Two Days Online Training/Workshop on **PSCAD software** in association with Nayak Power Systems Private Limited Duration: 25-26 September 2020
- 5. Department of Mechanical Engineering** organized a webinar on Building Science and Energy Conservation during September 22-26, 2020.
- 6. Department of Architecture** conducted a 3-day online workshop curated by Prof. Anjali Patil with PhD. Scholar. Gaurab Das Mahapatra as the key speaker on "Being: Creatively Rational - An Architect's approach towards Universal Design and Accessibility" from 7th August to 9th August 2020.
- 7. Department of Chemical Engineering** organized one Day Conference on **Endowment of Chemical Engineering and Bio-Technology for Social Economic Development**, Dated: 29 June 2020.
- 8. Department of Electronics Engineering** organized an online one week Faculty Development Program (FDP) on "5G: Devices & Key Enable Technologies" from 19-23 Sep, 2020. Dr. P K Singhal, Dr Vandana Vikas Thakare was the convener of the program.
- 9. Department of Electronics Engineering** organized a one day online workshop on "Next Generation Communication System- Challenges and Opportunities under TEQIP III" on date 25th July 2020. Dr. Karuna Markam and Dr. Ravindra Pratap Narwariya was the coordinator of the program.

Expert Talk organized

- 1- Department of Civil Engineering** organized Expert Talk on "**Environmental Impact of Idol Immersion**", on 9th August 2020, under IWWA Gwalior center.

Quiz organized

- 2- Electrical Engineering Department** has organized National Level Online Quiz Competition on 05 Sep 2020.

FDP/STC Attended (Outside the Institute)

- 1. Dr. Prachi Sharma Department of Applied Science**, attended one week online Short Term Training Program (STTP) on "MATLAB-Statistics and Data Sciences" at Sagar Institute of Research & Technology Bhopal (27 July-01 August 2020)
- 2. Dr. Prachi Sharma Department of Applied Science**, attended one week online Short Term Course (STC) on "Advances in High Energy Physics" at Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab (18-22 September 2020)
- 3. Dr. Hansnath Tiwari Department of Applied Science** attended online Faculty Development Program on "Effective Teaching Pedagogy" organized by Inderprastha Engineering College, Ghaziabad from 20th to 22nd July 2020.
- 4. Dr. Hansnath Tiwari Department of Applied Science** attended one Week Faculty Development Programme (FDP) on "Pedagogical Techniques for Virtual Class Room" organized under the aegis of TEQIP- III project, held at Dr. SSBUI CET, Panjab University, and Chandigarh from 2nd to 6th September, 2020.
- 5. Dr. Hansnath Tiwari Department of Applied Science** attended Faculty Development Program - "Recent Trends and Opportunities in Science and Technology" from 27th July to 31st July, 2020, organized by Amity School of Engineering & Technology, Amity University Patna.



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6. Dr. Hansnath Tiwari **Department of Applied Science** attended one week online short-term training program on “Emerging Trends in Chemical Sciences and its Application in Environment and Engineering”. This link will be valid for the entire program of five days from 26/09/2020 to 30/09/2020
7. Prof. Deobrat Singh **Department of Applied Science** attended short term course on Advances in High Energy Physics-2020, 18-22 SEP, NIT Jalandhar,
8. Prof. Deobrat Singh **Department of Applied Science** attended short term course on Technological Challenges & Opportunities in COVID-19 Outbreak, 6-10 Jul, NIT Uttarakhand
9. Prof. Deobrat Singh **Department of Applied Science** attended short term course on Current Trends in Condensed Matter PHysics-2020 NITJ 25-29 SEP
10. Prof. Deobrat **Department of Applied Science** Singh attended FDP on Recent trends and opportunities in science and Technology 27-31 July Amity Patna,
11. Prof. Deobrat Singh **Department of Applied Science** attended FDP on Perspectives of Human health and Environment 3-7 Aug SJR College for women, Bengaluru.
12. Prof. Nupur Verma **Department of Civil Engineering** attended Five Days Online Faculty Development Program on "Research In Engineering - A Way Forward" conducted on 6th to 10th July,2020 organized by A. P. Shah Institute of Technology,Thane.
13. Prof. Mohit Aggarwal **Department of Civil Engineering** Participated in One Week Online Short Term Training Program on “Emerging Tools and Technologies in Material Science and Engineering” organized by **Department of Applied Physics**, Jabalpur Engineering College, Jabalpur, Madhya Pradesh, India during 21st-25th September2020.
14. Prof. Mohit Aggarwal **Department of Civil Engineering** Participated and successfully completed TEMP-III Sponsored Online Faculty Development Programme on “Recent Developments in Environmental Engineering (RDEE-2020)” organized by Department of Civil Engineering, Veer Surendra Sai University of Technology, Burla during 15th — 19th September,2020.
15. Prof. Mohit Aggarwal **Department of Civil Engineering** Participated in one week STC on "Prospects of future research in Structural and Geotechnical Engineering" from 7-11 Sept,2020 organized by Dr. B R Ambedkar National Institute of Technology, Jalandar.
16. Prof. Abhilash Sonkar **Department of CS/IT**, attended Industrial training program on future scope of engineering in global development organized by vellar college of engineering and technology, Erode Tamil nadu in association with pantech solutions, Chennai, during 27/07/2020 to 31/07/2020.
17. Prof. Mir Shah Nawaz Ahmad **Department of CS/IT** attended one week Online FDP on Soft Computing Techniques (SCT-2020) from 25-30 July, 2020 at NIT Srinagar.
18. Dr. Sanjiv Sharma **Department of CS/IT** Attended Five-day Virtual International Faculty Development Program On “Research Orientations in Engineering with Effective Outcomes” organized by Department of Electrical and Electronics Engineering, KIET Group of Institutions, Delhi-NCR, Ghaziabad, India in the association of Ministry of Education Maldives, King Khalid University Saudi Arabia, Wolaita Sodo University Ethiopia, and Sunway University, Malaysia scheduled to be held from 26/07/2020 to 30/07/2020.
19. Dr. Sanjiv Sharma **Department of CS/IT** Attended five days online "FDP on Research Perspective in Futuristic Computing Technologies" held from 6th to 10th July - 2020 organized by Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University, Bengaluru.



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20. Dr. Sanjiv Sharma **Department of CS/IT** attended twelve days Faculty Development Programme on “Online Teaching- Learning And Research Methodology” from July 18 - July 29, 2020 organized by Govt. P. G. College, Bilaspur Rampur - Uttar Pradesh.
21. Dr. Sanjiv Sharma **Department of CS/IT** attended Online One Week International Faculty Development Program on “ Post Pandemic Scenario Building using AI, ML and Optimization Techniques” held from 10th - 14th July, 2020 organized by KDK College of Engineering, Nagpur
22. Dr. Sanjiv Sharma **Department of CS/IT Attended** One Week DTE Approved Online Faculty Development Program on “Accreditation to Engineering & Professional Ethics (AEPE - 2020)” from 08th - 12th July 2020 Jointly Organized by Applied Mechanics Department & Electrical Engineering Department, Government College of Engineering, Nagpur.
23. Dr. A.K. Wadhvani, Dr. Sulochana Wadhvani, Dr. Vijay Bhuria, Prof. Kuldeep Kumar Swarnkar, Prof. Praveen Bansal & Vishal Chaudhary from **Department of Electrical Engineering** attended One Week Online FDP on Power Quality And Reactive Power Management, EED, DTU, New Delhi from 06th July 2020 to 10th July 2020.
24. Dr. A.K. Wadhvani, Dr. Sulochana Wadhvani from **Department of Electrical Engineering** attended TEQIP – III Sponsored National Faculty Development Program Webinar on “Grid Integration of Hybrid Renewable Energy “from 29th June to 1st July 2020.
25. Dr. Harimohan Dubey from **Department of Electrical Engineering** attended one-week FDP on Hydro Power Operation conducted by NPTI, Shivpuri from 13-17 July 2020.
26. Dr. Shishir Dixit from **Department of Electrical Engineering** attended online Online Faculty Development Program on Emerging Techniques in Smart Power System: Challenges and Solutions conducted by the Department of Electrical Engineering, NIT Warangal from 24th to 28th August 2020.
27. Dr. Shishir Dixit from **Department of Electrical Engineering** attended "Renewable Energy: Research to Industry" at NIT Patna in association with Electronics & ICT Academy from 22nd to 6th September 2020.
28. Prof. Himmat Singh, Prof. Vishal Chaudhary & Prof. Saurabh Kr Rajput from **Department of Electrical Engineering** attended Online Faculty Development Program on Emerging Trends in Power and Energy System organized by Electrical Engineering Department of GBU Greater Noida from 24th to 28th August 2020.
29. Prof. Himmat Singh & Prof. Vishal Chaudhary from **Department of Electrical Engineering** attended Online Faculty Development Program on Opportunities and Challenges in Emerging Technologies of Electrical Power System organized by Department of Electrical Engineering, Jabalpur Engineering College, Jabalpur from 7th to 11th September 2020.
30. Dr. Vikram from **Department of Electrical Engineering** attended Online Short Term Course on "Technological Challenges & Opportunities in COVID-19 Outbreak" NIT Uttarakhand from 6th to 10th July 2020.
31. Prof. Bhavna Rathore from **Department of Electrical Engineering** from Department of Electrical Engineering attended e-FDP on “Renewable Energy Application in Smart Grid, Micro Grid and EVs (REASGMGEV-2020) from 12th to 17th July 2020
32. Prof. Bhavna Rathore from **Department of Electrical Engineering** attended e-FDP on "Renewable Energy for Sustainable Development: Opportunities and Challenges" 8th to 12th September 2020.



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33. Prof Punjan dohare from **Department of Electrical Engineering** attended faculty development programme on Robotics & Control (RoboCon)-2020 from 15th to 19th July 2020.
34. Prof. Bhavna Rathore from **Department of Electrical Engineering** attended e-FDP on “Green Technology and Sustainability Engineering (GTSE)” from 14th to 18th September 2020.
35. Prof. Shailendra Pratap Singh from **Department of Electrical Engineering** attended e-FDP on Python and Emerging trend in machine learning from 13th to 17th July 2020.
36. Prof. Shailendra Pratap Singh from **Department of Electrical Engineering** attended e-FDP on Robotics and control (Robocon) from 15th to 19th July 2020.
37. Prof. Rahul Sagwal from **Department of Electrical Engineering** attended e-FDP on Recent Research Trends in Electrical Engineering from 14th to 18th July 2020.
38. Prof. Rahul Sagwal from **Department of Electrical Engineering** attended e-FDP on Research Orientations in Engineering with Effective Outcomes from 26th to 30th July 2020
39. Prof. Rahul Sagwal from **Department of Electrical Engineering** attended on e-FDP Real-time applications of OPAL-RT for power electronics, smartgrid and microgrid from 3rd to 7th August 2020.
40. Prof. Rahul Sagwal from **Department of Electrical Engineering** attended e-FDP on Emerging trends in power electronics and power systems from 24th to 29th august 2020.
41. Prof. Rahul Sagwal from **Department of Electrical Engineering** attended e-FDP on Green Energy: The Energy of Future from 7th to 11th September 2020.
42. Prof Aprajita Kumari & Prof Shweta Kumari from **Department of Electrical Engineering** attended faculty development programme on Robotics & Control (RoboCon)-2020 organized by NIT Silcher from 15th to 19th July 2020.
43. Prof Aprajita Kumari & Prof Shweta Kumari from **Department of Electrical Engineering** attended on “Renewable Energy Application in Smart Grid, Micro Grid and EVs (REASGMGEV-2020)” organized by Department of Electrical & Electronics Engineering of GMR Institute of Technology, from 13th to 17th July 2020.
44. Prof Tarun Shrivastava from **Department of Electrical Engineering** attended faculty development programme on Advanced Teaching Tools and Techniques for Quality Research and Teaching from 9th to 11th July 2020
45. Prof Tarun Shrivastava from **Department of Electrical Engineering** attended faculty development programme on Emerging Trends in IT Industry from 13th to 14th July 2020.
46. Prof Tarun Shrivastava from **Department of Electrical Engineering** Building Competencies for Online Teaching from 03th to 07th august 2020.
47. Prof Tarun Shrivastava from **Department of Electrical Engineering** Emerging Trends in Power and Energy systems from 24th to 28th august 2020.
48. Dr. Dharmendra Jain **Department of Mechanical Engineering** attended an online Short-Term Training Program (STTP) on ‘Introduction to Tribology and Surface Engineering’ at the Department of Mechanical Engineering, Saintgits College of Engineering, Kottayam, Kerala sponsored by AICTE, New Delhi during Aug 17-22, 2020.
49. Dr. Dharmendra Jain **Department of Mechanical Engineering** attended online ‘12th summer school in tribology’ organized by TSI Faridabad during July 21-25, 2020.



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50. Dr. M.K. Gaur from **Department of Mechanical Engineering** attended an online STC on 'Accreditation to engineering and professional ethics' organized by Government College of engineering Nagpur during July 08-12, 2020.
51. Mr. Shambhu Kumar from **Department of Electronics Engineering** attended an online STC on Recent Progress in Material Science and Engineering (STTP - RPMSE) during 24-28 August 2020.

NPTEL/ATAL/COURSERA/INTERNSHALA courses attended by the faculty

- Prof. Deepak Rastogi from **Department of Civil Engineering** attended NPTEL 12 Week course on "Integrated Waste Management for a Smart City ", from 14 September 2020, organized by IIT Kharagpur.
- Dr. Pankaj Kumar from **Department of Civil Engineering** attended ATAL Online FDP on Design of Earthquake Resistant Structures under the thrust area of Earthquake Engineering. 21st - 25th September 2020.
- Prof. Nupur Verma from **Department of Civil Engineering** attended Coursera - Programming for Everybody (Getting Started with Python) - completed on 29.08.2020.
- Prof. Mohit Aggarwal from **Department of Civil Engineering** Participated in AICTE Training and Learning (ATAL) Academy Sponsored Faculty Development Programme (FDP) on, "Innovation Management" organized by Entrepreneurship Development Cell, Inderprastha Engineering College Ghaziabad affiliated from Dr. A.P.J. Abdul Kalam Technical University, U.P, during 26th to 30th September, 2020.
- Dr. Prachi Sharma from **Department of Applied Science** completed Coursera Course on "Science of Exercise" (University of Colorado) 22 July 2020 (One month course)
- Dr. Hansnath Tiwari from **Department of Applied Science** completed Coursera Course on Nanotechnology: A Maker's Course (Duke University et.al.)
- Prof. Deobrat Singh from **Department of Applied Science** completed Coursera Courses on Learning to Teach Online (UNSW Sydney), Vital Signs: Understanding What the Body is Telling Us (University of Pennsylvania), Science of Exercise (University of Colorado Boulder) and Stanford Introduction to Food and Health (Stanford University).
- Prof. Jitendra Kumar from **Department of Applied Science** completed two Courses on Introduction to Methods of Applied Mathematics & Complex Analysis.
- Prof. Jaimala Jha from **Department of CS/IT**, attended one week FDP on Medical Image Processing and Deep learning Organized by Panimalar Institute of Technology (AICTE Atal portal FDP).
- Prof. Khushboo Agrawal from **Department of CS/IT**, attended one week AICTE Training and Learning (ATAL) Academy FDP on Data Science 07 sep-11 September 2020 at School of Information Technology, Rajiv Gandhi Proudhyogiki Vishwavidyalaya.
- Prof. Khushboo Agrawal from **Department of CS/IT**, attended one week AICTE Training and Learning (ATAL) Academy FDP on Data Sciences 21 sep-25 September 2020 at National Institute of Technology –Karnataka
- Prof. Abhilash Sonkar from **Department of CS/IT**, attended one week Atal FDP on Data Sciences from 7/09/2020 to 11/09/2020 at national institute of technology Andra Pradesh.
- Prof. Abhilash Sonkar from Department of CS/IT, attended one week Atal FDP on block chain from 31/08/2020 to 04/09/2020 at Mahendra engineering college.



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- Sanjeev Khanna from **Department of Humanities** completed NPTEL course “Introduction to Literary Theory”.
- Valiur Rahaman from **Department of Humanities** completed NPTEL course “Learning Analytics Tools” and “Poetry”
- Mr. Gyanesh Sharan from **Department of Mechanical Engineering** successfully completed an online course, “Autodesk Fusion 360 Integrated CAD/CAM/CAE” authorized by Autodesk and offered through Coursera.
- Mr. Sayed Faiz Ahmad from **Department of Mechanical Engineering** successfully completed an online course, “Materials Science: 10 Things Every Engineer Should Know” authorized by University of California and offered through Coursera.
- Dr. Vandana V. Thakare, Dr Karuna Markam, Prof. Pooja Sahoo, from **Department of Electronics Engineering** attended professional development program on Sensors Technology during 01-05 October 2020 through ATAL.
- Dr. Laxmi Shrivastava from **Department of Electronics Engineering** attended professional development program on Electrodynamics: Electric and Magnetic Fields through COURSERA 13 August-15 September 2020.
- Dr. Deepak Batham from **Department of Electronics Engineering** attended professional development program on “Photonics” during 20-24 October 2020 through ATAL.
- Mr. Praveen Kumar from **Department of Electronics Engineering** attended professional development program on “Control Systems & Sensors Technology” through ATAL 21-25 September 2020.
- Mr. Shambhu Kumar from **Department of Electronics Engineering** attended professional development program on “Sensors Technology” through ATAL 21-25 September 2020.

Project 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.Vaibhav Shivhare	TEQIP-III	Experimental Analysis of Human Lumbar Vertebrae during prolonged sitting 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 Bio structure from CT Scan & MRI Data	Ongoing
7.	Dr. Naresh Kumar Raghuwanshi	AICTE TEQIP-III	Analysis and control of noise pollution in hospitals	Ongoing



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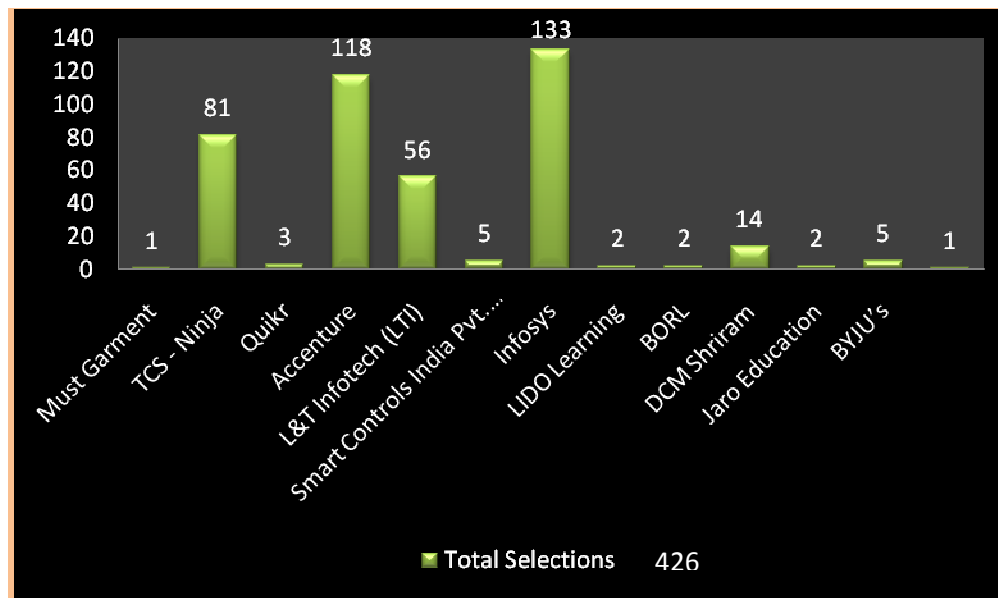
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8.	Mr Neeraj Mishra	AICTE TEQIP-III	Design and Development of Portable Gnathodynamometer	Ongoing
9.	Dr. Pankaj Kumar	CRS Project	Nonlinear Mechanics of Elasto-Flexible Cables using Placement Model.	Ongoing

Book Chapter Published

- Rahaman, Valiur et al “**OBE Assessment Tools for Mapping Learning Outcomes Identifying Slow-Learners: A Congruent Approach**” in *Assessment Tools for Mapping Learning Outcomes with Learning Objectives*. IGI Publications 2020 DOI: 10.4018/978-1-7998-4784-7.ch005

Placement Record (Batch 2020)



CLUB ACTIVITY

- ART club organized webinar on **Virtual sketching Hour** on date 31st August 2020. Total 90 students participated.
- ART club organized **LOGOFY-Digital Logo Making Competition** on Mid September 2020. Shalini Singh 4th year from Electrical Engineering Department MITS, Gwalior was the winner of the event.
- ART club organized **RACHNA- Portrait Sketching Competition** on Mid September 2020. Total 50 students were participated and Brijmohan Kushwah, Soubhik Acharya and Rahul Kaushal team were winner.
- Under in AASF student forum “**Workshop on fundamentals of Aptitude**” on 19 sep 2020 with online quiz event conducted organized by Prof. Jaimala Jha & Prof. Namrata Agrawal.
- Under scrabble club “**Abhiprray**” online quiz event based on general awareness on 15 Sep 2020 organized by Prof. Jaimala Jha & Prof. Namrata Agrawal.
- IOT club organize two day online workshop on 08-09 Aug 2020 for the students under the guidance of Prof. Khushboo Agrawal.



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- [7]. IOT club organized one day online workshop with the collaboration with AICRA on 30 Aug 2020 organized by Prof. Khushboo Agrawal.
- [8]. Under the banner of Literary club following activities were organized in online mode: **Article Writing, Short Story Writing and Poetry Recitation.**
- [9]. Holistic Health Club MITS Gwalior organized National Level online Quiz competition on **Health and social Awareness during Covid-19 Pandemic** on date 29/09/2020.

Activities under NSS

1. Organize online **COVID-19 Quiz cum Awareness Program** organized by Prof. Khushboo Agrawal.

Students Achievement

1. Rishabh gupta of B. Tech 2nd Year from **Department of Civil Engineering** passed certification exam on “Fundamentals of digital marketing” under Google digital Garage on 20/07/2020
2. Sarthak B. Tech 4th Year from **Department of Civil Engineering** won a cash prize of 500\$ for the International essay writing competition by Berkley UK.
3. Sarthak B. Tech 4th Year won from **Department of Civil Engineering** second price in a singing Competition.
4. Fourth year students of **Architecture** - Brijmohan Kushwah, Hemant Sharma, Namita Agrawal, Sandeep Dhakad, bagged 1st Prize in a Design competition on the topic “Design for All in Post Covid Era” organized by Amity School of Architecture & Planning on 28th September 2020.
5. Ananya Bhadauria, fourth year **Architecture** student, secured 2nd prize in “Design for All in Post Covid Era - Inclusive Design Competition2020” organized by Amity School of Architecture & Planning.
6. Sanya Verma and Priya Patel, 4th year **Architecture** students secured 1stand 2nd position respectively in the Intra College Girls Chess Tournament hosted on 28 July 2020.
7. Priya Patel, 4th year student of **Architecture**, has been awarded the 3rd prize and a cash prize of Rs3000 for her excellent performance in an online architecture quiz organized by Mango Architecture.
8. Disha Chaurasia student of **Electronics Engineering** is the second runner up of the Techstars startup weekend national level competition powered by Google.
9. Yogendra Kumar Patel student of **Electronics Engineering** got third rank in national level online coding quiz organized by Technical Cell REC.
10. Aamna Bhalla student of **Electronics Engineering** secured first position in online writing competition organised by Querencia club.

Late H. H. Madhavrao Scindia Ji, Punyatithi



कैलाशवासी महाराज श्रीमंत माधवराव सिंधिया जी की 19 वीं पुण्य तिथि पर एमआईटीएस में दिनांक 30-09-2020 को श्रद्धांजलि सभा का आयोजन किया गया। इस अवसर पर इंजीनियर रमण अग्रवाल जी, सचिव सिंधिया इंजीनियरिंग कॉलेज, पूर्व आई ए एस श्री प्रशांत महता जी, सदस्य बोर्ड ऑफ गवर्नर एमआईटीएस, डॉ राजीव कंसल, डीन छात्र कल्याण, डॉ मंजरी पंडित डीन शैक्षणिक, एवं उपस्थित सभी सम्मानित संकाय सदस्यों नम्रैलाशवासी महाराज का चित्र पर श्रद्धा सुमन अर्पित करके उन्हें श्रद्धांजलि दी।



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