



**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**  
(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV Bhopal)

# **ANNUAL PROGRESS REPORT**

**For**

**(The Academic Year July 2020 -June 2021)**



**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**  
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## ANNUAL PROGRESS REPORT (Assessment Period: July 2020- June 2021)

### 1. RESULT SUMMARY

**Summary of B.Tech./B.Arch./M.E./M.Tech./MUP/MCA Semester wise Result Analysis Report**  
**Examination : (December – 2020 & June – 2021)**

Programme	Course (UG/PG)	Semester	Appeared	Pass	Percentage
B.Tech. (I Year)	UG	1 <sup>st</sup>	1163	1105	95%
		2 <sup>nd</sup>	1150	1128	98%
B.Tech. (II Year)		3 <sup>rd</sup>	945	892	94%
		4 <sup>th</sup>	1002	993	99%
B.Tech. (III Year)		5 <sup>th</sup>	974	914	94%
		6 <sup>th</sup>	929	909	98%
B.Tech. (IV Year)		7 <sup>th</sup>	812	796	98%
		8 <sup>th</sup>	869	854	98%
B.Arch. (I Year)		1 <sup>st</sup>	37	37	100%
		2 <sup>nd</sup>	37	36	97%
B.Arch. (II Year)		3 <sup>rd</sup>	38	35	92%
		4 <sup>th</sup>	39	39	100%
B.Arch. ((III Year)		5 <sup>th</sup>	35	35	100%
		6 <sup>th</sup>	36	36	100%
B.Arch. (IV Year)		7 <sup>th</sup>	38	38	100%
		8 <sup>th</sup>	38	38	100%
B.Arch. (Final Year)	9 <sup>th</sup>	38	38	100%	
	10 <sup>th</sup>	38	38	100%	
M.E. (I Year)	PG	1 <sup>st</sup>	25	24	96%
		2 <sup>nd</sup>	25	22	88%
M.E. (II Year)		3 <sup>rd</sup>	22	20	91%



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M.Tech. (I Year)	1 <sup>st</sup>	32	30	93.75%
	2 <sup>nd</sup>	32	32	100%
M.Tech. (II Year)	3 <sup>rd</sup>	34	34	100%
M.Arch. (I Year)	1 <sup>st</sup>	14	13	92%
	2 <sup>nd</sup>	14	13	92%
M.Arch. (II Year)	3 <sup>rd</sup>	13	12	92%
MCA (I Year)	1 <sup>st</sup>	61	60	98.36%
	2 <sup>nd</sup>	61	61	100%
MCA (II Year)	3 <sup>rd</sup>	19	19	100%
	4 <sup>th</sup>	20	20	100%
	5 <sup>th</sup>	58	58	100%
MCA (III Year)	6 <sup>th</sup>	58	58	100%
	1 <sup>st</sup>	18	16	88.89%
MBA (I Year)	2 <sup>nd</sup>	18	18	100%

### 1.1 ANNUAL SUCCESS INDEX, WITHOUT BACKLOG (SEPARATELY FOR EACH UG PROGRAMME IN THE DEPARTMENT)

Branch	No. of Students Admitted in 2017(a)	No. admitted in 2 <sup>nd</sup> year via lateral entry (b)	No. of students graduated in 2021 without backlog <sup>#</sup> (c)	Success Index [c/(a+b)]
Civil Engineering	116	25	63	<b>0.45</b>
Mechanical Engineering	109	23	70	<b>0.53</b>
Electrical Engineering	118	20	84	<b>0.61</b>
Electronics Engineering	117	10	80	<b>0.63</b>
Computer Science & Engineering	118	24	93	<b>0.65</b>
Chemical Engineering	49	3	17	<b>0.33</b>
Information Technology	59	10	47	<b>0.68</b>
Biotechnology	4	0	3	<b>0.75</b>
Automobile Engineering	51	3	12	<b>0.22</b>
Electronics & Telecommunication Engineering	62	0	31	<b>0.50</b>

**#Passing out students who never failed in any course during the four year programme**



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### 1.2 ANNUAL SUCCESS INDEX, WITH BACKLOG (SEPARATELY FOR EACH UG PROGRAMME IN THE DEPARTMENT)

Branch	No. of Students Admitted in 2017 (e)	No. admitted in 2 <sup>nd</sup> year via lateral entry (f)	No. of students graduated in 2021 (g)	Success Index [g/(e+f)]
Civil Engineering	116	25	121	<b>0.86</b>
Mechanical Engineering	109	23	119	<b>0.90</b>
Electrical Engineering	118	20	117	<b>0.85</b>
Electronics Engineering	117	10	111	<b>0.87</b>
Computer Science & Engineering	118	24	128	<b>0.90</b>
Chemical Engineering	49	3	47	<b>0.90</b>
Information Technology	59	10	61	<b>0.88</b>
Biotechnology	4	0	4	<b>1.00</b>
Automobile Engineering	51	3	40	<b>0.74</b>
Electronics & Telecommunication Engineering	62	0	56	<b>0.90</b>

**§: Only those students who have now passed out in 2021 (irrespective of having failed previously in courses) to be included**

### 1.3 ACADEMIC PERFORMANCE INDEX IN II YEAR

Mean of CGPA of all successful students who proceeded to III year (m)	Total number of successful students who proceeded to III year (n)	Total number of students who appeared in Examination in II year (2020-21 batch/CAYm1) (p)	Academic Performance Index [(m/p)*n]
<b>8.09</b>	<b>982</b> (including lateral entry admitted students)	<b>990</b> (including lateral entry admitted students)	<b>8.02</b>



## MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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### 2. ACADEMIC ACTIVITIES CONDUCTED (WORKSHOPS)

S. No.	Department Name	Topic	Date(S)	Duration	Internal/External Experts	Level	No. of Participants	
							Internal	External
1	Mechanical Engineering	Thermal Performance and Modelling of Heat and Flame Resistance Materials	29-01-2021 to 30-01-2021	Two Days	<b>External Expert:</b> 1. Dr Sumit Mandal 2. Dr K B Mishra 3. Dr Udayraj 4. Dr Suresh Lal 5. Dr Nandan kumar 6. Mr Avijit Chaubey <b>Internal Expert</b> 1. Dr C S Malvi	International	72	82
1	Electrical Engineering	Online Training/ Workshop on PSCAD software in association with Nayak Power Systems Private Limited	25-09- 20, 26-09- 20	Two days	Bhavna Rathore, Sagar Indalkar (Simulation Engineer NAYAK Power Systems Pvt. Ltd.)	Department	25	-
2.	Electrical Engineering	National Level Online Quiz	05.09.2020	One Day	Dr. Vijay Bhuria Prof. Kuldeep Kumar	Department	58	-
3.	Electrical Engineering	Online Debate Activity on “Will robots reduce human employment?”	07.11.2020	One Day	Prof. Kuldeep Kumar Prof. Vishal Chaudhary	Department	36	-
4.	Electrical Engineering	Create, Collaborate & Work Dynamically Online in Google Apps	19-20. 06.2021	Two days	Prof. Praveen Bansal Prof. Vikram Prof. Kuldeep Kumar Prof. Vishal Chaudhary	Department	25	-
5.	Electrical Engineering	Virtual Hands-on training on Tinkercad with IoT control	25-26. 06.2021	Two Days	Prof. Praveen Bansal Prof. Saurabh Kumar Rajput Prof. Kuldeep Kumar Prof. Vishal Chaudhary	Department	16	-
1	Electronics Engineering	Next Generation Communication	25th July 2020	One Day	03 External Expert	National	22	79



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		System- Challenges and Opportunities under TEQIP III						
2	Institute Level	Role of Holistic Education in Building an Equitable, Safer and Happier Society	5th June 2021	One Day	03 External Expert	National	23	10
3.	Electronics Engineering	Smart Wireless Communication Technologies	28-30 June 2021	Three Days	10 Internal Expert	Institute	17	-
1	CSE & IT	Internet of Things (IoT) and Data Analytics	23-24 Oct. 2020	Two Days	Dr. Rakesh Kumar Jha (Associate Professor in the Department of Electronics and Communication Engineering, Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir, India) Dr. Ramjeevan Singh Thakur (Professor, Department of Computer Applications, MANIT, Bhopal, MP) Dr. Vivek Tiwari (Assistant Professor in the Department of Computer Science and Engineering at DSPM International Institute of Information Technology – Naya Raipur (IIIT-NR), C.G. India)	National	72	9
2.	CSE	Industrial Implementation Perspective of IoT	23 June 2021	One Day	Dr. Anshu Chaturvedi Khushboo Agrawal Pooja Agrawal (Deptt. of CSE at MITS, Gwalior)	National	5	23
3.	CSE	"Three Days in House Workshop on Globally Accelerating Information, Communication and Intelligent Technologies: A Theoretical and	18-20 June 2021	Three Days	Dr. Manish Dixit, Dr. R.S. Jadon, Dr. Anshu Chaturvedi, Mir Shahnawaz Ahmad, Arun Kumar, Aishwarya, Anjula Mehto, Jaimala Jha, Mahesh Parmar,	Institute	25	-



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		Programming Approach "			Pooja Agarwal, (Deptt. of CSE at MITS, Gwalior)			
4.	CSE	Workshop on Recent Trends in Image Processing and Security under TEQIP III	19-20 Feb 2021	Two Days	Dr. Sumatra Dutta Roy (Professor, Electrical Engineering Department Indian Institute of Technology, Delhi) Dr. Munesh Chandra Trivedi (Associate Professor, CSE Department, National Institute of Technology, Agarthala) Dr. Sriparna Saha (Associate Professor, CSE Department, Indian Institute of Technology, Patna) Dr. Deepak Singh Tomar (Associate Professor, MANIT, Bhopal)	National	64	37
5	CSE	Online Workshop on Gender Balance Approach - A NECESSITY	27 June 2021	One Day	Ms. Richa Chadha (Founder, Genwiz Consulting) Ms. Harmeet (Co-Founder, Genwiz Consulting)	Institute	88	-
1	IT	Computational Intelligence in Data Analytics	8-9 February 2021	Two days	Dr. P. Radha Krishna Former Principal Research Scientist at Infosys Labs, Infosys Limited, Hyderabad and Professor & Head, Department of Computer Science and Engineering, NIT Warangal Dr. V. Vijaya Saradhi Associate Professor, Department of Computer Science and Engineering, IIT Guwahati Dr. Sandeep Kumar Garg Associate Professor, Department of Computer Science and Engineering, IITRoorkee Dr. R. S. Thakur, Professor, MANIT Bhopal	National	70	20
2	IT	2-Days Training Program on Python programming using Google Colab: An Online Tool	27-28 June 2021	2 Days	Punit Kumar Johari, Assistant Professor	Institute	13	-



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1	Applied Science	Nanosensors and Their Applications	31-07-2020	One day	Prof. (Dr.) Prabhat Dwivedi, IIT Kanpur Prof (Dr.) S. Shrivastava, BHU	-	-	-
2	Applied Science	One Day National Workshop on Recent Trends in Engineering Materials (RTEM-2020)	7-7-2020	One Day	Dr. V. Siva Kumar, Associate Professor, Department of Chemistry, NIT Raurke Dr. Gajanan Pandey, Prof. And Head, Department of Physics, BBAU, Lucknow.	-	-	-
1	Architecture & Planning	Universal Design	07-08-2020 – 09-08-2020	03	02/04	National	200	40
2	Architecture & Planning	Building Information Modeling	23-4-2021	01	01/02	National	60	-
3	Architecture & Planning	Working online in Architecture Profession	30-04-2021	02	02/02	National	120	05
4	Architecture & Planning	Working Drawing in Architecture	01-05-2021	02	02/02	National	120	05
5	Architecture & Planning	Remote Sensing and GIS	24-6-2021 – 25-6-2021	02	02	Local	40	00

### 3. ACADEMIC ACTIVITIES CONDUCTED (CONFERENCES)

S. No.	Department Name	Topic	Date(S)	Duration	Internal/External Experts	Level	No. of Participants	
							Internal	External
1.	Electrical Engineering	Second International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2020) under TEQIP-III, in collaboration with DTU, Delhi at MITS, Gwalior during	18 to 19 Dec. 2020	02 days	Dr. P.N. Suganthan Dr. Anuradha Ranasinghe Dr. Swagatam Das paper Dr. Carlos A. Coello Dr. R.V. Rao Dr. Sumantra Dutta Roy Dr. J.C. Bansal Dr. B. K. Panigrahi	International	97	49



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### 4. ACADEMIC ACTIVITIES CONDUCTED (SEMINAR)

S. No.	Department Name	Topic	Date(S)	Duration	Internal/External Experts	Level	No. of Participants	
							Internal	External
1	Electrical Engineering	Sustainable Energy Resources	29-09-2020	01 day	Prof. Kuldeep Kumar Prof. Praveen Bansal	-	24	-
1	Chemical Engg	Find out who you Really are	19th March	2 hrs	Dr. Sanjay Lahariya, Child Psychiatrist	Institute	45	-

### 5. ACADEMIC ACTIVITIES CONDUCTED (WEBINAR)

S. No.	Department Name	Topic	Date(S)	Duration	Internal/External Experts	Level	No. of Participants	
							Internal	External
1	Mechanical	Building Science and Energy Conservation	22-26/09/2020	1 week	Dr. Roshni Udyavar Yehuda	International	89	
1	Electronics Engineering	Webinar on 3-D Surface Reconstruction of Real-world Objects	23 November, 2020	One day	Prof. Umesh C. Pati Professor, Department of Electronics and Communication Engineering, National Institute of Technology, Rourkela, Odisha, India.	National	42	68
2	Electronics Engineering	Webinar on Virtual Lab	04 December 2020	One Day	Mr. Manish Joshi, G.M. Sciencetech	UG Student	50	0
3	Electronics Engineering	Artificial Intelligence	29 December 2020	One Day	Mr. Divanshu Khandelwal Data Scientist, Smart Control India Pvt. Ltd.	Institution	110	0
4	Electronics Engineering	Gender Equity	08 March 2021	One Day	Dr Kusumlata Singhal	Institution	44	1
1	Chemical Engg	Find Your Fuel	03-01-2021	2 hrs	Mr. Rohit Kakkar	Department Level	50	-
1	Architecture &	Webinar on "Building	22-26	05	Dr. S. S. Jadon, Ar. Richa	National	200	20



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	Planning	Science and Energy Conservation"	September, 2020		Mishra, Ar. Pranshi Jain/			
2	Architecture & Planning	Architecture and future: a rising concern and way forward in the ray of upcoming challenges to future amidst pandemic Architecture and the Future : A rising concern and way forward'	21-10-2020 - 22-10-2020	02	Dr. Manmohan Kapshe, Professor, Department of Architecture and Planning Maulana Azad National Institute of Technology, Bhopal Dr. Vasudha Ashutosh Gokhale, Professor, Dr. Bhanuben Nanavati College of Architecture, Pune Ar. Jills Philip Ar. Prerna Kaleru Ar. Sagar Tulshan Dr. S.S. Jadon, Professor Deptt. Architecture & Planning MITS, Ar. Madhuri Rao Faculty at RVCA, Bangalore, Sagar Tulshan partner,	National	140	10

### 6. WORKSHOPS/SEMINARS CONDUCTED ON INTELLECTUAL PROPERTY RIGHTS (IPR) AND INDUSTRY-ACADEMIA INNOVATIVE PRACTICES

Title of Workshop/Seminar	Name of the Dept.	Date(s)	Duration	Level	No. of Participants	
					Faculty	Students
Intellectual Property Rights: Patent	CSE	15 June 2021	1 Hour	College	21	07
Student workshop on IPR (conducted by Dr ValiurRahaman	Humanities	03/AUGUST/ 2021	3 Hours	National	2	102



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**7. ACADEMIC ACTIVITIES CONDUCTED (EXPERT LECTURE)**

S. No.	Name of Expert	Designation/Affiliation of the Expert	Title/Area of Lecture	Date(S)	Duration	No. of Participants	
						Faculty	Students
<b>Civil Engineering</b>							
1	Prof. Deepak Rastogi	Associate Professor	Environmental Impact of Idol Immersion under IWWA Gwalior center	9th August 2020	1 day	05	68
<b>Electronics Engineering</b>							
1	Dr. Amritanshu Pandey	Associate Professor, IIT BHU	Optical Networking for Computing applications	26 February	2hrs	18	40
2	Dr R P S Gangwar	Director, WIT, Dehradun	5G Technology- Evolution, advancement & Challenges	21 December 2020	2hrs	15	25
3	Dr. Umesh C. Pati	Professor, NIT, Rourkela,	3-D Surface Reconstruction of Real-world Objects	23 November. 2020	2 hrs	58	-
<b>Chemical Engineering</b>							
1	Mr. Shailendra Kumar & Mr. Yogesh Tyagi	Unacademy GATE Educator	Road Map Hacks to Crack GATE 2022	24/01/2020	3-5:30 pm (2.5 hr)	1	36
<b>Information Technology</b>							
1	Expert Talk on AIBOTICS	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 Mr. Arijit Hajra	AI & Robotics conducted by startup cell	25/4/2021	1 hrs	-	150
<b>Architecture</b>							
1	Ar. Nivedita Patel	Urban Design , Architect	Design Review	31.12.20 & 02.01.2021	02	01	38
2	Vibhore Bakshi	Assistant Professor, Department of Urban & Regional Planning, SPA Bhopal	Research Imperatives	6.03.2021	02 Hours	02	80
3	Ankur Yadav	IIT, Bombay	Improving Academic Writing Skills for Productive Research	6.03.2021	02 Hours	02	80



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**8. ACADEMIC ACTIVITIES CONDUCTED (TRAINING PROGRAMMES FOR FACULTY MEMBERS SUCH AS FDPS/STTPS/STCS ETC.)**

S. No.	Name of Coordinator(s)	Title of Programme	Dates/Duration	Names of Experts Invited	Participants	
					Internal	External
<b>Electronics Engineering</b>						
1	Dr. P. K. Singhal Dr. Vandana Vikas Thakare Prof. Deepkishore Parsediya Prof. Pooja Sahoo	TEQIP-III Sponsored Online One Week FDP on 5G: devices & Key Enable Technology	19 <sup>th</sup> – 23 <sup>rd</sup> September 2020	Dr. Akhilesh Mohan, Associate Professor, IIT Kgp, Dr. Asok De, Professor, DTU, Delhi Dr. M. S. Parihar, Assistant Professor, IIITDM Jabalpur, Prof. Shishir Jagtap, Asst. Professor, Mumbai University, Dr. Vijayshri Chaourasia, Assistant Professor, MANIT, Bhopal, Dr. Vimal Bhatia, Professor, IIT Indore, Dr. P. L. Zade, Principal, DMIET, Wardha, Dr. Rakesh Singhai, Professor, RGPV, Bhopal, Dr. R. B. Pachori, Professor IIT Indore, Dr. Jyoti Singhai, Professor, MANIT Bhopal, Mr. J. K. Bachani, SDE (GSM-1), BRBRAITT Jabalpur, Dr. Sachin Agrawal, Assistant Professor, NIT Delhi., Dr. M. K. Mondal, Assistant Professor, IIT Kharagpur, Dr. Biswajeet Mukherjee, Asst. Professor, IIITDMJ, Dr. G. Shrikanth Reddy, Assistant Professor, IIT Mandi, Dr. M. D. Bansal, Asst. Professor, IIITDMJ	-	-
2	Dr. Vandana Vikas Thakare. Dr. Karuna Markam, Prof. Pooja Sahoo	ATAL Faculty Development Program on “Modern Techniques for Wireless Communication	17th - 21st May 2021	Dr. Vimal Bhatia IIT Indore, Dr. Manoj Shukla HBTU Knpur, Dr. Ram Bilas Pachori IIT Indore, Dr. Manoj Kumar Meshram IIT BHU, Dr. Jyoti Singhai MANIT, Bhopal, Dr. Rakesh Singhai UIT RGPV Bhopal, Dr. Ashok De DTU Delhi, Dr. P. K. Singhal MITSGwalior, Dr. Aditya Trivedi IIITM Gwalior, Dr. Vandana Vikas Thakare, Dr. G. S. Tomar Rajkiya Engg. College, Sonbhadra, Dr. Yogendra Prajapati MNNIT, Allahabad, Mr. Sandeep Pradhan Heartfulness, Dr. Shehnaaz Ayub Khan, HOD, BIET Jhansi	-	200
<b>CSE/IT</b>						
1	Prof R. S. Jadon	AICTE Sponsored One week Online Short Term Training	09-13 November 2020	Prof. Sumantra Dutta Roy, IIT Delhi Prof. A.K. Singh, MNIT Allahabad. Dr. Vijendra Singh, IIIT Allahabad Dr. Gaurav Harit, IIT Jodhpur.	7	23



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		Programme on Applied Computing		Prof. K. V. Arya, IIITM Gwalior. Prof. Shekhar Verma, IIIT Allahabad. Prof. Manu Pratap Singh, BR Ambedkar University, Agra. Prof. Sanjeev Sharma, RGPV Bhopal. Prof. Ravindra Patel, RGPV Bhopal. Prof. Akhilesh Tiwari, MITS Gwalior. Prof. Anshu Chaturvedi, MITS Gwalior. Prof. Deepak Tomar, MANIT Bhopal		
<b>CSE</b>						
2.	Prof R. S. Jadon	AICTE Sponsored One week Online Short Term Training Programme on Applied Computing	21-25 June 2021	Prof. Sumantra Dutta Roy, IIT Delhi Dr. K.K Biswas, IIT DELHI Prof. Yamuna Prasad, IIT Jammu Prof. U.K. Singh, Vikram University, Ujjain Dr. Vijendra Singh, IIIT Allahabad Prof. K. V. Arya, IIITM Gwalior. Prof. A.K. Singh, MNIT Allahabad. Prof. Shekhar Verma, IIIT Allahabad. Prof. Manu Pratap Singh, BR Ambedkar University, Agra. Prof. Sanjeev Sharma, RGPV Bhopal Prof. Deepak Tomar, MANIT Bhopal Dr. Gaurav Harit, IIT Jodhpur. Dr. Vivek Tiwari, IIIT Raipur Prof Manish Dixit, MITS Gwalior	-	28
3.	Prof R. S. Jadon	AICTE Sponsored One week Online Short Term Training Programme on Applied Computing	28 June-02 July 2021	Prof. Sumantra Dutta Roy, IIT Delhi Dr. K.K Biswas, IIT DELHI Prof. Yamuna Prasad, IIT Jammu Prof. U.K. Singh, Vikram University, Ujjain Dr. Vijendra Singh, IIIT Allahabad Prof. K. V. Arya, IIITM Gwalior. Prof. A.K. Singh, MNIT Allahabad. Prof. Shekhar Verma, IIIT Allahabad. Prof. Manu Pratap Singh, BR Ambedkar University, Agra. Prof. Sanjeev Sharma, RGPV Bhopal Prof. Deepak Tomar, MANIT Bhopal Dr. Gaurav Harit, IIT Jodhpur. Dr. Vivek Tiwari, IIIT Raipur	-	33



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**9. INVOLVEMENT OF FACULTY AS RESOURCE PERSONS (Keynote Speaker, Expert Lecture, Invited Talk, Chief Guests... etc.)**

S. No.	Name of Faculty	Role	Title of Event	Venue/Organised by	Date(s)	Whether International/National/State/Regional/College or University Level
<b>Civil Engineering</b>						
1	Dr. S.K. Jain	Expert lecturer	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	17-21 Aug. 2020	University Level
2	Prof. Deepak Rastogi	Expert lecturer	Environmental Impact of Idol Immersion	Webinar organised by IWWA Gwalior center and Civil Engineering Department , M.I.T.S., Gwalior	9 August 2020	College Level
<b>Mechanical Engineering</b>						
1	Dr Pratesh Jaysawal	Expert Lecture	STTP on Advanced Manufacturing and Materials	JSS Academy of Technical education, Noida	08/12/2020	National Level
2	Dr Pratesh Jaysawal	Expert Lecture	Workshop on effective use of e-learning platforms for teaching and e-contents development tool	MITS,Gwalior	09/07/2020	National Level
3	Dr Pratesh Jaysawal	Session Chair	Sustainable and Innovative Solutions for current challenges in engineering and technology	MITS,Gwalior	18/12/2020	International
4	Dr. M.K. Gaur	Session Chair	Sustainable and Innovative Solutions for current challenges in engineering and technology	MITS,Gwalior	18/12/2020	International
5	Dr. Amit Aherwar	Session Chair	Sustainable and Innovative Solutions for current challenges in engineering and technology	MITS,Gwalior	18/12/2020	International
6	Dr. C. S. Malvi	Expert Lecture	FDP on Green Technologies	RTU	05/09/2020	International
7	Dr. C. S. Malvi	Expert Lecture	Swachchh Bharat Mission	RKVM Gwalior	24/12/2020	Regional Level



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8	Dr. C. S. Malvi	Expert Lecture	Patent and IPR	MITS Gwalior	10/12/2020	Regional Level
9	Dr. C. S. Malvi	Expert Lecture	National Education Policy 2020 in the context of Research	IIITM Gwalior	09/12/2020	National Level
10	Dr. M.K. Gaur	Expert Lecture	Futuristic Innovation In Solar Energy	Gyan Sagar College of Engineering, Sagar	14/07/2020-16/07/2020	National Level
11	Dr. M.K. Gaur	Expert Lecture	Recent Advances in Mechanical Infrastructure	IITRM, Ahmedabad	21-23/08/2020	National Level
12	Dr. M.K. Gaur	Expert Lecture	AICTE (ATAL)	NIT, Raipur	09-10/12/2020	National Level
13	Dr. Jyoti Vimal	Session Chair	Advances in Mechanics, Materials, Mechatronics and Manufacturing (IOP Conference series)	Yajurvedam, an Association for Educational empowerment and Social welfare	06-03-2021	International
<b>Electrical Engineering</b>						
1	Dr. Manjaree Pandit	Chief Guest	"Women leadership international summit" on the theme "Women Leadership in Science and Technology Development"	IETE Bhopal Center, IEI and IEEE, M.P. Sub Section	8th November 2020	International
2	Dr. Manjaree Pandit	Keynote address	IETE Zonal Seminar & ISF Congress in Virtual mode on "Next Generation Communication Systems", on 17 May, 2021	IEEE,	-	-
3	Dr. Manjaree Pandit	Expert Lecture	Digital Teaching-Learning & Evaluation	MITS Gwalior in Collaboration with DTE, Bhopal	09th to 11th July	State
4	Dr. Manjaree Pandit	Expert Lecture	Implementation of Bloom Taxonomy in Online Teaching	MITS Gwalior in Collaboration with DTE, Bhopal	09th to 11th July	State
5	Dr. Manjaree Pandit	Expert Lecture	Energy Management of Hybrid Renewable Energy Based Microgrid Using Internet of Things	JEC JABALPUR under TEQIP-III	7th -11th September 2020	National
6	Dr. Manjaree Pandit	Expert Lecture	Evolution of nature inspired computational techniques and emerging application areas	UIT, RGPV Bhopal, under TEQIP-III	14th to 18th September 2020	National



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7	Dr. Manjaree Pandit	Expert Lecture	Evolution of Hybrid nature inspired algorithms	Geetanjali Institute of Technical Studies, RTU Kota, Rajasthan	21st to 25th September 2020	National
8	Dr. Manjaree Pandit	Expert Lecture	Challenges in Academic Leadership Development” in "International Summit on Quality Indices in Higher Education (ISQIHE 2020) from 6-7 November 2020" organized {Track3: Governance, Policy & Leadership in Higher Education}	International Summit on Quality Indices in Higher Education (ISQIHE 2020 by Delhi Technological University, Delhi (DTU) and Engineering Staff College of India (ESCI)	7 <sup>th</sup> November 2020	National
9	Dr. Manjaree Pandit	Expert Lecture	Evolution of nature inspired optimization algorithms and applications in AICTE Sponsored STTP on “Application of Artificial Intelligence in Electrical and Electronics Engineering”, during 30th Nov – 5th December 2020	Organized By Electrical & Electronics Department, LNCT Group, Bhopal	4 <sup>th</sup> December 2020	National
10	Dr. Manjaree Pandit	Expert Lecture	AI Based Hybrid Optimization Algorithms”,	FDP organised By Department of Electrical Engineering, UIT, RGPV Bhopal under the AICTE-RGPV Joint Teachers Training Program (TTP) from 22nd to 25th February 2021	24th February 2021	National
11	Dr. Manjaree Pandit	Expert Lecture	“Learner centric digital teaching-learning and evaluation” 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.	12 <sup>th</sup> April 2021	-



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12	Dr. A.K Wadhvani	Expert Lecture	Determination of Severity Index of Covid-19: on Various Fields Based on Astrological Aspects.	Millennium Institute of Technology & Science, Bhopal RTU, Kota	06.07.2020	National
13	Dr. A.K Wadhvani	Keynote speaker	Neuro-muscular Disease Diagnostics System Using Soft Computing System, Dept. of Electronics Engineering.	RTU, Kota	26.08.2020	-
14	Dr. A.K Wadhvani	Keynote speaker	Role of Artificial Intelligence in Present Scenario G.B. Pant Institute of Engineering & Technology, Pauri.	Pauri -Garhwal	4.9.2020	
15	Dr. A.K Wadhvani	Keynote speaker	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 (CSVТУ), Bhilai	CSVТУ-Bhilai	12.09.2020	
16	Dr. A.K Wadhvani	Keynote speaker	Forecasting for End of Covid-19 & Severity Index Based Astrological Aspects using Fuzzy Rules.	BIET, Jhansi	19.09.2020	
17	Dr. A.K Wadhvani	Keynote speaker	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.	Pauri–Garhwal,	22.09.2020	
18	Dr. A.K Wadhvani	Keynote speaker	Real Time Data Acquisition & Signal Conditioning with some Applications, MGIT, JNTU, Hyderabad on	MGIT, JNTU, Hyderabad	25.09.2020	



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19	Dr. A.K Wadhvani	Keynote speaker	Role of Artificial Intelligence in Present Scenario Vishwavidyalaya engineering College, Lakhanpur, CSVTU, Bhilai	CSVTU, Bhilai	26.09.2020	
20	Dr. A.K Wadhvani	Keynote speaker	AICTE-sponsored FDP on: "Trends for Industry 4.0 beyond 2020 perspective" Real Time Data Acquisition & Signal Conditioning of Machine in Industries using AI & IoT"	JC Bose University of Science & Technology, YMCA Faridabad	25.9.2020	
21	Dr. A.K Wadhvani	Keynote speaker	AICTE-sponsored FDP on: "Trends for Industry 4.0 beyond 2020 perspective" "End of COVID-19 using Astrological Aspects & Fuzzy Rules",	JC Bose University of Science & Technology, YMCA Faridabad	17.03.2020	
22	Dr. A.K Wadhvani	Keynote speaker	Webinar on "Towards a more Holistic & Multidisciplinary Education through NEP2020", under TEQIP-III	JC Bose University of Science & Technology, YMCA Faridabad	19.03.2020	
23	Dr. A.K Wadhvani	Keynote speaker	Two days National Webinar on "NEP2020: Technology Use & Interaction", Date 18-19 February, 2021 Under TEQIP-III, Vishwavidyalaya Engineering College, Lakhanpur	Vishwavidyalaya Engineering College, Lakhanpur	17.02.2020	
24	Dr. A.K Wadhvani	Keynote speaker	TEQIP-III sponsored one week FDP on "Solar & Smart Grid Technology SSGT-2021" Role of Fuzzy Logic in Rural Electrification Using Solar Energy" RTU Kota	RTU, Kota	19.02.2020	
25	Dr. A.K Wadhvani	Keynote speaker	TEQIP-III sponsored one week FDP on "Solar & Smart Grid Technology SSGT-2021" AI Applications in Solar Energy "	RTU, Kota	06.01.2020	



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26	Dr. A.K Wadhvani	Keynote speaker	Two week FDP on "Future Trends in Renewable Energy, organized by LNCT Group Bhopal Under AQIS, AICTE "Role of Fuzzy Logic in Rural Electrification using Solar Energy"	LNCT, Bhopal	07.01.2020	
27	Dr. A.K Wadhvani	Expert Talk	Expert Talk on Role of AI in present Scenario, 25.02.2021,	GEC Bilaspur	25.02.2021	
28	Dr. A.K Wadhvani	Expert Lecture	Energy Management of Hybrid Renewable Energy Based Microgrid Using Internet of Things	Department of Electrical Engineering, Jabalpur Engineering College, Jabalpur	10th to 11th September 2020.	
29	Dr. Harimohan Dubey	Expert Lecture	Evolution of nature inspired computational techniques and emerging application areas	UIT, RGPV Bhopal	14th to 18th September 2020	
30	Dr. Himmat Singh	Expert Lecture	Evolution of Hybrid nature inspired algorithms	Geetanjali Institute Of Technical Studies, RTU Kota, Rajasthan	21st to 25th September 2020	
31	Prof. Saurabh Kumar Rajput	Expert Lecture	Online Expert Lecture on "Industrial Applications & Opportunities of Energy Conservation in Electric Motors".	Shri Vishwakarma Skill University, Gurugram, Haryana	13.12.2020	
32	Prof. Saurabh Kumar Rajput	Expert Lecture	Expert Lecture in DST Sponsored Solar Technology Based Entrepreneurship Development Programme (TEDP) on topics:	Shri Vishwakarma Skill University		
33	Prof. Saurabh Kumar Rajput	Expert Lecture	Impact of High Solar Cell Temperature on the Performance of Opaque & Semi Transparent PV Modules	Shri Vishwakarma Skill University	01.04.2021	
34	Prof. Saurabh Kumar Rajput	Expert Lecture	Lifetime economic analysis of 25KWp Grid integrated Rooftop Solar PV Plant held	Shri Vishwakarma Skill University	26.04.2021	



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35	Prof. Saurabh Kumar Rajput	Expert Lecture	Online Expert Lecture on "Impact of Ambient Temperature on PV Cell Performance Characteristics"	IEEE Student Branch & Chapters of REC, Ambedkar Nagar	19.06.2021.	
36	Dr. S. Dixit	Expert Lecture	Green Technology & Sustainability Engineering	Gautam Buddha University, Greater Noida	January 19th - 23rd , 2021	National
37	Dr. Laxmi Srivastva	Expert Lecture	Applications of soft computing techniques in Engineering optimization	UIT, RGPV Bhopal, under TEQIP-III	14th to 18th September 2020	National
38	Dr. Laxmi Srivastva	Expert Lecture	Application of AI Techniques for solving Engineering Problems	FDP organized By UIT, RGPV Bhopal, under TEQIP-III	22-27th February 2021	National
<b>Electronics Engineering</b>						
1	Vandana Vikas Thakare	Expert Lecture	Online Short Term Course on Artificial Neural Network	BIET Jhansi	August 22-26, 2020	National
2	Rahul Dubey	Expert Lecture	Expert lecture on Signal Processing Application	MIT, Bhujbal, Nashik	Sep 25, 2020	National
3	P.K.Singhal	Expert Lecture	Phases Array Antenna	SKITMG, Jaipur	19th Sept. 2021	National
4	P.K.Singhal	Expert Lecture	Multiple Beam Forming Network	KIT, Kanpur	24th Nov. 2021	National
5.	P.K.Singhal	Expert Lecture	Beam Steering Antenna	YCCE, Nagpur	25th Dec. 2021	National
6	P.K.Singhal	Expert Lecture	Antenna Designing	ATAL, MITS	20 <sup>th</sup> May 2021	National
7	Vandana Vikas Thakare	Expert Lecture	Neural Network for Antenna Designing	ATAL, MITS	20 <sup>th</sup> May 2021	National
<b>CSE</b>						
1	Dr. R. K. Gupta	Keynote Speaker	Online Platform for Classes	Jiwaji University	5th September 2020	College Level
2	Dr. R R Singh	Expert Lecture	Faculty development programme on "Cyber Security "AICTE Training and Learning (ATAL) Academy Program	Oriental Institute of Science and Technology, bhopal	28 August 2020	National
3	Dr. R R Singh	Expert Lecture	In-house interactive virtual workshop on Digital Teaching-Learning & Evaluation"	MITS Gwalior	25 August 2020	College



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4	Dr. R R Singh	Expert Lecture	Effective Use of e-learning Platforms for Teaching & e-contents Developments Tools	MITS Gwalior	11 July 2020	National
5	Mir Shahnawaz Ahmad	Expert Lecture	TEQIP-III sponsored Faculty Development Program on 'Data Science'	Arya College of Engineering & Research Centre, Jaipur, Rajasthan	12 - 16 Sep 2020	College
6	Arun Kumar	Expert Lecture	TEQIP-III sponsored Faculty Development Program on ' Data Science'	Arya College of Engineering & Research Centre, Jaipur, Rajasthan	12 - 16 Sep 2020	College
7	Arun Kumar	Expert Lecture	FDP on “Data Analytic Techniques for Research Innovation and their Advancement”	Vivekananda Institute of Technology Jaipur	29-31 August 2020	College
8	Arun Kumar	Resource Person	Workshop on Data Analytics	Swami Keshwanand Institute of Technology, Management & Gramothan, Jaipur	23-25 August 2020	College
9	Dr. R.S. Jadon	Expert Talk	UGC, HRDC	LNIFE Gwalior	05 October 2020	National
10	Dr. R.S. Jadon	Expert Talk	UGC, HRDC	PRSU, Raipur	1 December 2020	National
11	Dr Manish Dixit	Session Chair	ICSISCET	AICTE/MITS	19 December 2020	International
12	Dr.Manish Dixit	Panelist	Workshop on Transition from tradition to blended learning	MITS/Manav Rachna Univ	30 January 2021	National
13.	Dr. R.S. Jadon	Session Chair	ICSISCET-2020	MITS Gwalior	18 December 2020	International
14.	Dr. R.S. Jadon	Resource Person	"Three Days in House Workshop on Globally Accelerating Information, Communication and Intelligent Technologies: A Theoretical and Programming Approach (18-20 June 2021)"	MITS	19 June 2021	Institutional



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15.	Dr. Anshu Chaturvedi	Resource Person	"Three Days in House Workshop on Globally Accelerating Information, Communication and Intelligent Technologies: A Theoretical and Programming Approach (18-20 June 2021)"	MITS	19 June 2021	Institutional
16.	Pooja Agrawal	Resource Person	"Three Days in House Workshop on Globally Accelerating Information, Communication and Intelligent Technologies: A Theoretical and Programming Approach (18-20 June 2021)"	MITS	20 June 2021	Institutional
17.	Dr. Anshu Chaturvedi	Resource Person	industrial implementation perspective of IOT	MITS, Gwalior	23 June 21	National
18.	Pooja Agrawal	Resource Person	industrial implementation perspective of IOT	MITS, Gwalior	23 June 21	National
19.	Dr. Manish Dixit	Resource Person	Workshop IOT	BIAS, UTU, Uttarakhand	16 December 2020	National
20.	Khushboo Agarwal	Resource Person	Industrial implementation perspective of IOT	MITS, Gwalior	23 June 2021	National
21.	Jaimala jha	Resource Person	Workshop on Artificial Intelligence	Dr. Bhimrao Ambedkar polytechnic Gwalior	4 Dec 2020	College level
22.	Mahesh Parmar	Resource Person	"Three Days in House Workshop on Globally Accelerating Information, Communication and Intelligent Technologies: A Theoretical and Programming Approach (18-20 June 2021)"	CSE, Department , MITS, gwalior	20 June 2021	College level
23.	Dr. Anjula Mehto	Resource Person	Three Days in House Workshop on Globally Accelerating Information, Communication and Intelligent Technologies: A Theoretical and Programming Approach	Department of CSE, MITS Gwalior	18-20 June 2021	College Level



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24.	Dr. Manish Dixit	Resource Person	Three Days in House Workshop on Globally Accelerating Information, Communication and Intelligent Technologies: A Theoretical and Programming Approach	Department of CSE, MITS Gwalior	18-20 June 2021	College Level
25	Mir Shahanawaz Ahmad	Resource Person	Three Days in House Workshop on Globally Accelerating Information, Communication and Intelligent Technologies: A Theoretical and Programming Approach	Department of CSE, MITS Gwalior	18-20 June 2021	College Level
26	Arun Kumar	Resource Person	Three Days in House Workshop on Globally Accelerating Information, Communication and Intelligent Technologies: A Theoretical and Programming Approach	Department of CSE, MITS Gwalior	18-20 June 2021	College Level
27	Dr. Manish Dixit	Session Chair	IEEE CSNT 2021	OIST Bhopal	18-19 June 2021	International
<b>IT</b>						
1	Dr.Akhilesh Tiwari	Expert Lecture	Effective Use of e-learning Platforms for Teaching & e-content Developments Tools	MITS Gwalior	11 July 2020	National
2	Dr.Sanjiv Sharma	Speaker & Expert Lecture	Trends and Challenges in Data Mining	Computer Science & Engineering , Vadodara, Gujarat	13th July 2020	University Level
3	Rajeev Kumar Singh	Expert Lecture	Research Skills Development	SIRTS, Bhopal	28 July 2020	National
4	Dr.Akhilesh Tiwari	Convener	National Workshop on “Internet of Things (IoT) and Data Analytics”	MITS Gwalior	23-24 October, 2020	National
5	Dr.Akhilesh Tiwari	Convener	Applied Computing	MITS Gwalior	09-13 November, 2020	National



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6	Dr.Akhilesh Tiwari	Session Chair	AICTE sponsored Second International Conference on “Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET- 2020)”	MITS Gwalior	18th –19th December, 2020	International
7	Punit Kumar Johari	Reviewer	AICTE sponsored Second International Conference on “Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET- 2020)”	MITS Gwalior	18th –19th December, 2020	International
<b>MAC</b>						
1	Dr. V. P. Shinde	Expert Lecture	Application of Multi- Criteria Decision Making Methods in Research	Govt. PG College Morena	14-01-2021	State
2	Dr. V. P. Shinde	Expert Lecture	Optimization Techniques in Research	Govt. PG College, SEONI, Malwa	22-02-2021	State
<b>Humanities</b>						
1	Dr Valiur Rahaman	Expert Lecture	Online Conference on Literature & Pandemic “Epi/Pandemic in Literary Arts: A Critical Study in Medical Humanities for COVID19 Prevention”	Dept of English, MKBU Gujarat	16 June 2020	National
2	Dr.Valiur Rahaman	Expert Lecture	Writing Skill	NIT, Uttarakhand		National
3	Dr.Valiur Rahaman	Expert Lecture	Digital Pedagogy	NIT, Uttarakhand		National
<b>Applied Science</b>						
1	Dr. Hansnath Tiwari	Expert lecture	SSTP on Research Skill Development	SIRTS. Bhopal	29th July. 2020	National
<b>Architecture</b>						
1	Dr. S. S. Jadon	Co ordinate	Architecture and the Future : A rising concern and way forward, ACEDGE, Ethos, MITS - National	MITS	20.10.2020 - 22.10.2020	National
2	Dr. S. S. Jadon	Co ordinate	Building Materials & Recent Trends, MITS Gwalior - National	MITS	23.12.2020- 24.12.2020	National



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3	Dr A S Patil	Expert talk India Cycles 4 Change Challenge	Building Cycling Infrastructure	Smart city Gwalior with collaboration of Ministry of Urban affairs Govt. of India	19.90.2020	National
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### 10. INVOLVEMENT OF FACULTY AS EXPERTS IN COMMITTEES OUTSIDE THE INSTITUTE (BoS Members, Experts in Selection Committees, Advisory/organizing committee members.....etc.)

S. No.	Name of Faculty	Name of Committees	Role	Place/Organiser	Whether International/ National/State/Regional /College or University Level
<b>Civil Engineering</b>					
1	Dr. M.K. Trivedi	BOS	External Member	Amity University, Gwalior	College Level
2	Dr. M.K. Trivedi	BOS	External Member	ITM, University, Gwalior	College Level
3	Dr S K Jain	BOS	External Member	Civil Engineering, BIET, Jhansi	College Level
4	Dr. Sanjay Tiwari	BOS	External Member	RGPV, BHOPAL	State Level
5	Archana Tiwari	BOS	External Member	Member BOS Civil Engineering and Applied Geology	RGPV, Bhopal
<b>Mechanical Engineering</b>					
1	Dr. C. S. Malvi	RAME	Coordinator	DTU Delhi	International
<b>Electrical Engineering</b>					
1	Dr. Manjree Pandit	IET-Journal of Engineering	Associate Editor of Institute of Engineering and Technology (IET) "Journal of Engineering" (JOE)	United Kingdom	International
2	Dr. Manjree Pandit	Technical Advisory	Member	First IEEE International Conference on Smart Technologies for Power, Energy and Control (STPEC)	International
3	Dr. Manjree Pandit	Technical Programme	Member	First IEEE International Conference on Smart Technologies for Power, Energy and Control (STPEC)	International
4	Dr. Manjree Pandit	AICTE working group for considering students having 10+2 with	Invited member	AICTE, New Delhi	National



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		Agriculture/ Biology/life Science subject for admission in B.E. / B. Tech Program in Engineering and Technology.			
5	Dr. Manjree Pandit	Session Chair	Session Chair	IEEE International Conference on Smart Technologies for Power, Energy and Control (STPEC-2020) Organized by VNIT, Nagpur, 2020 on 25 – 26 September 2020	International
6	Dr. Laxmi Srivastava	Technical Advisory Committee	Member	First IEEE International Conference on Smart Technologies for Power, Energy and Control (STPEC-2020) VNIT Nagpur	International
7	Dr. Laxmi Srivastava	BoS Member of EE and EXE Departments	Member	RGPV, Bhopal	National University
8	Dr. A.K. Wadhvani	Technical Advisory Committee	Member	First IEEE International Conference on Smart Technologies for Power, Energy and Control (STPEC-2020) VNIT Nagpur	International
9	Dr. A.K. Wadhvani	Academic Council	External Expert	BIT, Durg	National
10	Dr. A.K. Wadhvani	Selection Committee	Expert (Online)	BIET Jhansi	National
11	Dr. A.K. Wadhvani	Selection Committee	Expert (online)	CSVТУ, Bhilai	National
12	Dr. A.K. Wadhvani	BoG under TEQIP-III	Chairman, BoG (TEQIP-III)	Vishwavidyalaya Engineering College, Lakhanpur	National
13	Prof. Saurabh Kumar Rajput	2nd Electric Power and Renewable Energy Conference (EPREC-2021)	Session Chair	National Institute of Technology (NIT) Jamshedpur 28-30 May 2021.	International
14	Prof. Saurabh Kumar Rajput	2nd Electric Power and Renewable Energy Conference (EPREC-2021)	TPC Member	National Institute of Technology (NIT) Jamshedpur during 28-30 May 2021.	International
15	Dr. S. Dixit	BoS Member of EE and EXE Departments	Member	RGPV, Bhopal	National University
16	Dr. S. Dixit	IEEE 12th International Conference on Computational Intelligence and Communication Networks 2020	TPC Member, Reviewer, Session Chair	BIAS, Nainital	International



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17	Dr. S. Dixit	IEEE International Conference on Smart Technologies for Power, Energy and Control, 2020	TPC Member, Reviewer, Session Chair	Visvesvaraya National Institute of Technology, India	International
18	Dr. S. Dixit	2nd International Conference on Enhanced Research and Industrial Application, 2020	TPC Member	Yogyakarta, Indonesia	International
19	Dr. S. Dixit	10 th IEEE International Conference on Communication System and Network Technologies, 2021	TPC Member, Reviewer, Session Chair	Oriental Group, Bhopal, India	International
20	Dr. S. Dixit	AICTE Sponsored second International Conference on Sustainable and Innovative Solution for Current Challenges in Engineering and Technology (ICSISCET) December 18-19, 2020	Reviewer	Jointly organized by IQAC-Madhav Institute of Technology and Science, Gwalior & Manav Rachna University, Faridabad, Haryana	International
<b>Electronics Engineering</b>					
1	Dr. Laxmi Shrivastava	BoS of Electronics Engineering	Member	RGPV, Bhopal	University Level
2	Dr. Laxmi Shrivastava	Conference	Session Chair	BIAS, Bhimtal	International
<b>CSE</b>					
1	Dr. R. K. Gupta	BOS	Member	BIET, Jhansi	National
2	Dr. R. K. Gupta	Experts in Selection Committees(TPO)	Member	IITDM, Jabalpur	National
3	Dr. R. K. Gupta	Experts in Selection Committees (Assistant Supdt.)	Member	IITDM, Jabalpur	National
4	Dr. R. K. Gupta	Technology Innovation and Incubation Center	Member of Society	IITM, Gwalior	National
5	Dr Manish Dixit	Selection committee	Expert Member	College of Engineering,Roorkee	State
6	Dr Manish Dixit	BOS	Expert Member	RGPV Bhopal	State
7	Dr Manish Dixit	BOS	Expert Member	Uttarakhand Technical University, Dehradun	State
8	Dr. Anshu Chaturvedi	BOS, Jiwaji University	Member	Jiwaji University, Gwalior	University



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9	Dr.R.S. Jadon	BOS	Subject Expert	Guru Ghasidas Central University, Bilaspur	National
10	Dr.R.S. Jadon	BOS	Subject Expert	ITM University, Gwalior	National
11.	Dr.R.S. Jadon	BOS	Subject Expert	SATI Vidisha	State
12.	Dr. Anshu Chaturvedi	Central BOS in Computer Applications, Higher Education, Govt. of M.P.	Facilitator	Higher Education, Govt. of M.P.	State
<b>Chemical Engineering</b>					
1	Prof. Swati Gupta	BoS	Member	RGPV Bhopal	State
2	Prof. Anish P. Jacob	Bos	Member	RGPV Bhopal	State
<b>IT</b>					
1	Dr.Akhilesh Tiwari	Selection Committee	Expert member	PDPM-Indian Institute of Information Technology, Design & Manufacturing (IITDM), Jabalpur (M.P.) India	National
2.	Dr.Akhilesh Tiwari	Board of Studies (BoS)	Member	RGPV Bhopal	National
<b>MAC</b>					
1	Dr. V P Shinde	BOS	Updated Syllabus	MITS, Gwalior	College Level
2	Dr. D K Jain	BOS	Updated Syllabus	MITS, Gwalior	College Level
3	Prof. Prabhakar Sharma	BOS	Updated Syllabus	MITS, Gwalior	College Level
4	Dr.Jitendra Kumar	BOS	Updated Syllabus	MITS, Gwalior	College Level
5	Prof. AngadOjha	BOS	Updated Syllabus	MITS, Gwalior	College Level
6	Prof. D K Mishra	BOS	Updated Syllabus	MITS, Gwalior	College Level
7	Dr. SantoshBhardwaj	BOS	Updated Syllabus	MITS, Gwalior	College Level
8	Prof. Rakesh Singh Tomar	BOS	Updated Syllabus	MITS, Gwalior	College Level
<b>Humanities</b>					
1	Dr Sanjeev Khanna	BoS	Member	RGPV, Bhopal	University
<b>Applied Science</b>					
1	Dr Abhay Mishra	Expert in selection committee	Member	IPS College of Technology & Management, Gwalior	College
<b>Architecture</b>					
1	Dr. Sanjay Singh Jadon	Board of Study Architecture RGPV	Member	Rajiv Gandhi Proudयोगी Vishavidhyalaya, Bhopal	University of Technology of MP
2	Dr. Sanjay Singh Jadon	AICTE Expert	Member	Inspection team Expert Member	AICTE, New Delhi
3	Dr. Sanjay Singh Jadon	Council of Architecture representative	Expert Member	Council of Architecture New Delhi	National



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4	Dr. Sanjay Singh Jadon	IIA, Indian Institute of Architecture	Member	Mumbai	National
5	Dr. Sanjay Singh Jadon	Women's Polytechnic College Selection Committee	Subject Expert Member	Gwalior	College Level
6	Dr. Anjali S. Patil	Board of Study Architecture RGPV	Member	Rajiv Gandhi Proudyogoki Vishavidhyalaya, Bhopal	University of Technology of MP
7	Dr. Anjali S. Patil	IIA MP chapter	Executive council members	STATE Level	MP
8	Dr. Anjali S. Patil	The Indian society for technical Education (ISECT) association	Members		National
9	Dr. Anjali S. Patil	AICTE expert visiting committee	Members	Inspection team Expert Member	National

**11. INVOLVEMENT OF FACULTY AS REVIEWERS OF JOURNALS**

S. No.	Name of Faculty	Name of Journals	Published by	Number of papers reviewed this year
<b>Mechanical Engineering</b>				
1	Dr. Amit Aherwar	Polymer composite	Elsevier	01
2	Dr. Amit Aherwar	Silicon	Springer	11
3	Dr. Amit Aherwar	Journal of Mechanical Engineering Science	SAGE, Part C	04
4	Dr. Jyoti Vimal	Defence Science Journal	DRDO	01
5	Dr. Ravi Kant Ranjan	Applied Thermal Engineering	Elsevier	01
6	Dr. C. S. Malvi	Journal of thermal engineering,	Yildiz Technical University	02
7	Dr. C. S. Malvi	Weentech Proceedings in Energy	Weentech	02
8	Dr. C. S. Malvi	Springer LNME	Springer	02
9	Dr. C. S. Malvi	IGI Global	IGI Global	01
10	Dr. C. S. Malvi	"Mechanical Engineering Technologies And Applications	Bentham Science Publishers	01
<b>Electrical Engineering</b>				
1	Dr. L. Srivastava	International Journal of Electrical Power & Energy Systems	Elsevier	02
2	Dr. L. Srivastava	International Transactions on Electrical Energy Systems	Wiley	02



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3	Dr. L. Srivastava	IEEE Transactions on Power Systems	IEEE	01
4	Dr. L. Srivastava	IETE Technical Review	IETE	01
5	Dr. L. Srivastava	The Journal of Engineering	IET	01
6	Dr. L. Srivastava	Cogent Engineering	Taylor & Francis	01
7	Dr. L. Srivastava	IET Networks	IET	01
8	Dr. L. Srivastava	Electronics Letters	IET	01
9	Dr. L. Srivastava	Electric Power Components and Systems	Taylor & Francis	01
10	Dr. L. Srivastava	Swarm and Evolutionary Computation	Elsiver	01
11	Dr. M. Pandit	Engineering Applications of Artificial Intelligence	Elsiver	10
12	Dr. M. Pandit	Swarm and Evolutionary Computation	Elsiver	03
13	Dr. M. Pandit	International Journal of Electrical Power & Energy Systems	Elsiver	05
14	Dr. M. Pandit	Sustainable Energy Technologies and Assessment	Elsiver	01
15	Dr. M. Pandit	IET Smart Cities	IET	01
16	Dr. M. Pandit	Cognitive Computation	Springer	02
17	Dr. M. Pandit	Neural Computing and Applications	Springer	02
18	Dr. M. Pandit	The Journal of Engineering	IET	02
19	Dr. M. Pandit	Energy Storage	Springer	01
20	Dr. M. Pandit	IEEE Transactions on Power Systems	IEEE	08
21	Dr. M. Pandit	IET Renewable Power Generation	IET	05
22	Dr. M. Pandit	Applied Soft Computing	Elsiver	04
23	Dr. M. Pandit	IET Generation, Transmission & Distribution	IET	01
24	Dr. M. Pandit	Energy Reports	Elsiver	01
25	Dr. M. Pandit	Electric Power Components and Systems	Taylor & Francis	02
26	Dr. M. Pandit	IEEE Transactions on Industrial Informatics	IEEE	01
27	Dr. M. Pandit	Energy Conversion and Management	Elsevier	02
28	Dr. M. Pandit	International Transactions in Electrical Energy Engineering	Wiley	06
29	Dr. M. Pandit	IEEE Access	IEEE	20
30	Dr. M. Pandit	Energy	Elsevier	06
31	Dr. M. Pandit	Expert system with applications	Elsevier	08
32	Dr. M. Pandit	Institution of Engineers (India) Part (C)	Springer	09
33	Dr. M. Pandit	IEEE Transactions on Emerging Topics in Computational Intelligence	IEEE	01
34	Dr Hari Mohan Dubey	International Journal of Electrical Power and Energy Systems	Elsevier	
35	Dr Hari Mohan Dubey	Evolving Systems	Springer	



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36	Dr Hari Mohan Dubey	IETE Journal of Research	Taylor & Francis	
37	Dr. Shishir Dixit	International Transactions on Electrical Energy Systems	Wiley Editing Services	03
38	Dr. Shishir Dixit	IEEE Access	IEEE	05
39	Dr. Shishir Dixit	ELECTRIC POWER COMPONENTS AND SYSTEMS	Taylor & Francis	01
40	Dr. Vikram	IEEE Access	IEEE	
41	Dr. Vikram	Automatica	Elsevier	
42	Dr. Vikram	International Journal of Robust and Nonlinear Control	Wiley	
<b>Electronics Engineering</b>				
1	Vandana Vikas Thakare	PIERS	Electromagnetic Academy	04
2	Dr. Vikas Mahor	IEEE Transaction on Circuits & Systems	IEEE	01
3	Dr Sandeep Sharma	IEEE Access	IEEE	03
4	Dr Sandeep Sharma	Complex and Intelligent Systems	Springer	01
5	Dr Sandeep Sharma	Journal of Intelligent and Fuzzy Systems	IOS Press	02
6	Dr Sandeep Sharma	Journal of The Institution of Engineers (India) : Series B , Springer	Springer	01
7	Dr Sandeep Sharma	Multimedia Tools and Applications	Springer	01
8	Dr Sandeep Sharma	Personal and Ubiquitous Computing	Springer	01
<b>CSE</b>				
1	Dr. Anshu Chaturvedi	ICSISCET	International Conference at MITS	04
2	Dr. R.S. Jadon	PRL	Elsevier	10
3	Dr. R. K. Gupta	Vigyan Prakash	Lok Vigyan Parishad, C-15, Tarang Apartments, Indraprastha Extension, Delhi-110092	--
4.	Dr.Manish Dixit	World Journal Of Engineering	Emerald Publishing, United Kingdom	02
<b>Chemical Engineering</b>				
1	Dr. Antaram. N. Sarve	Fuel, Energy Conversion and Management	Elsevier	02
<b>IT</b>				
1	Dr. Saumil Maheshwari	IEEE Journal of Biomedical and Health Informatics	IEEE	01
<b>Humanities</b>				
1	Valiur Rahaman	Alliance of Digital Humanities Organizations (ADHO)	Alliance of Digital Humanities Organizations (ADHO)	05
<b>Architecture</b>				
1	Dr. Anjali S. Patil	International Journals of Architectural Design and	Journals Pub, an imprint of Dhruv	05



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	Management	Info Systems Network Pvt. Ltd.	
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### 12. ACADEMIC ACTIVITIES ATTENDED (WORKSHOPS)

S. No.	Name of Faculty	Topic	Date(S)	Duration	Organized By	Level
<b>Mechanical Engineering</b>						
1	Dr. Amit Aherwar	Digital Teaching-Learning & Evaluation	July 25th, 2020	01 day	IQAC at MITS, Gwalior	National level
2	Mr. Utkarsh Srivastava	Digital Teaching-Learning & Evaluation	July 25th, 2020	01 day	IQAC at MITS, Gwalior	National level
3	Mr. Utkarsh Srivastava	“Internet-of-Things: Industry, Academia, and Start-ups	December 21 to 23, 2020	03 days	IIT, Hyderabad	National level
4	Mr. Vedansh Chaturvedi	Digital Teaching-Learning & Evaluation	July 25th, 2020	01 day	IQAC at MITS, Gwalior	National level
5	Mr. Sharad Agrawal	Next Generation Communication System-Challenges And Opportunities	25 July,2020	01 Day	MITS Gwalior	National Level
6	Mr. Sharad Agrawal	Recent Trends In Engineering Materials	07 Aug,2020	01 Day	MITS Gwalior	National Level
7	Dr. Jyoti Vimal	Digital Teaching-Learning & Evaluation	July 25th, 2020	01 day	IQAC at MITS, Gwalior	National level
<b>Electrical Engineering</b>						
1	Prof. Aprajita Kumari	Recent Trends in electrical engg	14-18 July 2020	01 Week	Global Institute of science and technology	National
2	Prof. Shweta Kumari	Recent Trends in electrical eng	14-18 July 2020	01 Week	Global Institute of science and technology	National
3	Dr. Shishir Dixit	Online Industrial Training Program on “Future Scope of Engineering in Global Development”	27-31 July 2020	05 Days	Organized by Department of Electronics and Communication Engineering Velalar College of Engineering and Technology, Erode, Tamilnadu during	National
4	Dr. Shishir Dixit	TEQIP III Sponsored Online workshop on “UNIVERSAL DESIGN”	Aug 07-09, 2020	03 Days	Madhav Institute of Technology & Science, Gwalior	National



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5	Dr. Shishir Dixit	"Transition from traditional to blended learning: Challenges & Opportunities-II"	January 23 & 30, 2021	02 Days	Jointly organized by IQAC-Madhav Institute of Technology and Science, Gwalior & Manav Rachna University, Faridabad, Haryana	National
6	Prof. Ashis Patra	Transition from traditional to blended learning: challenges & opportunities-1	23.01.2021	01 Day	Jointly organized by IQAC-Madhav Institute of Technology and Science, Gwalior & Manav Rachna University, Faridabad, Haryana	National
7	Prof. Ashis Patra	TEQIP III Sponsored Online workshop on "Universal Design"	Aug 07-09, 2020	03 Days	MITs, Gwalior	National
8	Prof. Ashis Patra	IoT for agricultural applications	(22-24)October 2021	03 days	PRPP college, Amrabati	National
9	Prof. Ashis Patra	Thermal performance and modelling of heat and flame resistant materials	(29-30)January 2021	02 days	MITs, Gwalior	National
10	Prof. Ashis Patra	IoT for agriculture applications	October 22-24, 2020	03 days	IEEE (pantech e learning)	National
11	Dr. Manjaree Pandit	National Awareness Workshop on "NIRF INDIA RANKINGS 2021 for Higher Educational Institutions,	18 & 19 Jan 2021	02 days	Institute of Academic Excellence, Hyderabad under the Aegis of Government of Telangana	National
12	Dr. Manjaree Pandit	National Workshop on NAAC Accreditation" on June 03 & 04, 2021	June 03 & 04, 2021	02 days	Engineering Staff College of India (ESCI), Hyderabad	National
13	Dr. Manjaree Pandit	National Workshop for Higher Educational Institutions on "Transformation through NAAC Accreditation Process" on organized	21st and 22nd June, 2021,	02 days	Collegiate Education and Technical Education Department, Government of Telangana & Institute of Academic Excellence, Hyderabad in Online Mode	National
14	Dr. A. K. Wadhvani	Transition from traditional to blended learning: challenges & opportunities-1 & II	23.01.2021 30.01.2021	02 Day	Jointly organized by IQAC-Madhav Institute of Technology and Science, Gwalior & Manav Rachna University, Faridabad, Haryana	National
15	Dr. Sulochana Wadhvani	Transition from traditional to blended learning: challenges & opportunities-1	23.01.2021 30.01.2021	02 Day	Jointly organized by IQAC-Madhav Institute of Technology and Science,	National



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		&II			Gwalior & Manav Rachna University, Faridabad, Haryana	
<b>Electronics Engineering</b>						
1	Shambhu Kumar Pooja Sahoo Vandana Vikas Thakare Deep Kishore Parsediya Santosh Sharma	"Next Generation Communication System- Challenges and Opportunities"	25 July 2020	1 day	MITS Gwalior	Institute
2	Dr. Laxmi Shrivastava	In-house interactive virtual workshop on "Digital Teaching-Learning & Evaluation" under IQAC and TEQIP-III	25 July 2020	1 Day	MITS Gwalior	Institute
3	Dr. Laxmi Shrivastava Madhav Singh Dr Karuna Markam Pooja Sahoo Vandana Vikas Thakare	Gender Equality and Women Safety	10 July 2020	1 day	MITS Gwalior	Institute
4	Dr Karuna Markam Pooja Sahoo	Challenges For Beyond 5G and 6G Networks	21 February 2021	1 day	IIT Indore	National
5	Dr Karuna Markam Pooja Sahoo	Transition From Traditional to Blended Learning Challenges and Opportunities I	23 January 2021	1 day	MITS Gwalior	Institute
6	Dr Karuna Markam Pooja Sahoo	Transition From Traditional to Blended Learning Challenges and Opportunities II	30 January 2021	1 day	MITS Gwalior	Institute
7	Dr. Laxmi Shrivastava Prof. Pooja Sahoo	Role of Holistic Education in Building an Equitable, Safer and Happier Society	5 June 2021	1 day	MITS Gwalior	Institute
8	Prof. Pooja Sahoo	five days workshop on Hands-on Session in Drafting and Filing Procedure of Intellectual Property Rights	03 May 2021 to 07 May 2021	5 Day	Department of Electronics & Communication Engineering, Jaipur, Rajasthan.	National
<b>CSE</b>						
1	Dr. Manish Dixit	"Transition from traditional to blended learning: Challenges & Opportunities-	30 Jan 2021	One Day	MITS and Manav Rachna University	National



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		II ”			Faridabad	
2.	Julie Kumari	Internet of Things and Data Analytics	23-24 October 2020	8 hours	TEQIP-III MITS Gwalior, CSE Deptt.	National
3.	Lav Upadhyay	Internet of Things and Data Analytics	23-24 October 2020	8 Hours	TEQIP-III MITS Gwalior, CSE Deptt.	National
4.	Pooa Agrawal	Internet of Things and Data Analytics	23-24 October 2020	8 hours	TEQIP-III MITS Gwalior, CSE Deptt.	National
5	Dr. R.S. Jadon	Distributed Computing	27.04.2020	One Day	National Institute of Industrial Training	National
6	Jaimala Jha	IOT	14 -18 Sep 2020	One week	Atal	National
7.	Jaimala Jha	Medical image processing and deep learning	21-25 Sep 2020	One week	Atal	National
8.	Khushboo Agarwal	Computational Intelligence In Data Analytics	8-9 Feb 2021	Two Days	MITS, Gwalior	NATIONAL
9	Parul Saxena	Gender Equality and Women Safety	10th July	One Day	MITS	National
10	Parul Saxena	The importance of ICT and Its Tools	23rd July	One Day	Department of English and IQAC, SGC, Puducherry	National
11	Parul Saxena	Internet of Things (IOT) and Data Analytics	23rd – 24th October	Two Days	Department of CSE and IT, MITS, Gwalior under TEQIP-III	National
12.	Sneha Garg	Transition from traditional to blended learning: Challenges & Opportunities-I	23/01/2021	One Day	IQAC-Madhav Institute of Technology and Science, Gwalior & Manav Rachna University, Faridabad, Haryana	National
13	Sneha Garg	Transition from traditional to blended learning: Challenges & Opportunities-II	30/01/2021	One Day	IQAC-Madhav Institute of Technology and Science, Gwalior & Manav Rachna University, Faridabad, Haryana	National
14.	Pooja Agrawal	Transition from traditional to blended learning: Challenges & Opportunities-I	23/01/2021	One Day	IQAC-Madhav Institute of Technology and Science, Gwalior & Manav Rachna University, Faridabad, Haryana	National
15.	Pooja Agrawal	Transition from traditional to blended learning: Challenges &	30/01/2021	One Day	IQAC-Madhav Institute of Technology and Science,	National



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		Opportunities-II			Gwalior & Manav Rachna University, Faridabad, Haryana	
16.	Julie Kumari	Transition from traditional to blended learning: Challenges & Opportunities-I	23/01/2021	One Day	IQAC-Madhav Institute of Technology and Science, Gwalior & Manav Rachna University, Faridabad, Haryana	National
17.	Julie Kumari	Transition from traditional to blended learning: Challenges & Opportunities-II	30/01/2021	One Day	IQAC-Madhav Institute of Technology and Science, Gwalior & Manav Rachna University, Faridabad, Haryana	National
18.	Dr. Anshu Chaturvedi	"Three Days in House Workshop on Globally Accelerating Information, Communication and Intelligent Technologies: A Theoretical and Programming Approach"	18-20 June 2021	Three days	Department of CSE, MITS	Departmental
19.	Pooja Agrawal	"Three Days in House Workshop on Globally Accelerating Information, Communication and Intelligent Technologies: A Theoretical and Programming Approach"	18-20 June 2021	Three days	Department of CSE, MITS	Departmental
20.	Mir Shahnawaz Ahmad	Computational Intelligence in Data Analytics	8 - 9 February, 2021	Two Days	MITS Gwalior	National
21.	Aishwarya	Computational Intelligence in Data Analytics	8 - 9 February, 2021	Two Days	MITS Gwalior	National
22.	Pooja Agrawal	Role of Holistic Education in Building an Equitable, Safer and Happier Society"	05 June 2021	One Day	IQAC, MITS, Gwalior	National
23.	Pooja Agrawal	Workshop on Cybersecurity and Cyber Forensics	9 to 13th June 2021	Five Days	School of Computer Science and Engineering (SCOPE), VIT-AP University, Amaravati (AP), India	NATIONAL
24.	Mahesh Parmar	Computational Intelligence In Data Analytics	8-9 February, 2021	Two Days	Department of Information Technology, MITS, Gwalior	National
25.	Jaimala Jha	Modern Pedagogical Techniques and Effective Teaching & Learning"	08 - 12th February, 2021.	One week	Atal	National



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26.	Mahesh Parmar	Data Sciences	14-18 Dec 2020	One Week	Indian Institute of Information Technology Vadodara	National
27.	Mahesh Parmar	Data Sciences	16-11-2020 to 20-11- 2020	One Week	Indian Institute of Information Technology, Design & Manufacturing, Kancheepuram	National
28.	Mahesh Parmar	Recent Trends in Image Processing and Security	February 19-20, 2021	Two Days	Madhav Institute of Technology & Science, Gwalior under the sponsorship of TEQIP-III	National
29.	Hemlata Arya	National Workshop on "Industrial Implementation Perspective of IOT	23 June 2021	One Day	Department of Computer Science, MITS	National
30.	Hemlata Arya	Online National Workshop (in collaboration with Delhi Technological University, Delhi Under twinning arrangement of TEQIP-III) On Computational Intelligence in Data Analytics	8-9 Feb 2021	Two Days	Organized by the Department of Information Technology, MITS	National
31.	Hemlata Arya	Online National Workshop Series titled: "Transition from traditional to blended learning: Challenges & Opportunities-II "	30January 2021	One Day	Jointly organized by IQAC-Madhav Institute of Technology and Science, Gwalior & Manav Rachna University, Faridabad, Haryana	National
32.	Hemlata Arya	Two days Workshop on Recent Trends in Image Processing and Security	19-20 Feb 2021	Two Days	Organized by Department of Computer Science & Engineering. MITS Gwalior, under the sponsorship of TEQIP-III	National
34.	Hemlata Arya	National Workshop on "Industrial Implementation Perspective of IOT	23 June 2021	One Day	Deptt. of CSE, MITS, Gwalior	National
35.	Dr. R.R. Singh	Transformation Through NAAC Accreditation Process	21-22 June 2021	Two Days	IAE Hyderabad	National
<b>Chemical Engineering</b>						
1.	Prof. Swati Gupta	Transition from traditional to blended learning: Challenges & Opportunities-	30.01.2021	1 Day	IQAC, MITS Gwalior & Manav Rachana	National



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		II			University, Faridabad	
2	Prof. Swati Gupta	Emerging ICT Trends Towards Atmanirbhar Bharat	28-30 December 2020	3 days	IIT Indore	National
3	Prof. Swati Gupta	Student Solar ambassador workshop	2nd October	1 days	Organised by Energy Swaraj Foundation in Association with MITS, Gwalior	National
4	Prof. Anish P. Jacob	Transition from traditional to blended learning: Challenges & Opportunities-II	23.01.2021 & 30.01.2021	2 days	IQAC, MITS Gwalior & Manav Rachana University, Faridabad	National
5	Dr. Rakesh Kumar Dubey	Transition from traditional to blended learning:Challenges & Opportunities	23.01.2021 & 30.01.2021	2 days	IQAC, MITS Gwalior & Manav Rachana University, Faridabad	National
6	Dr. Antaram N. Sarve	Transition from traditional to blended learning:Challenges & Opportunities	23.01.2021 & 30.01.2021	2 days	IQAC, MITS Gwalior & Manav Rachana University, Faridabad	National
<b>IT</b>						
1	Dr.Sanjiv Sharma	Five-day Virtual International Faculty Development Program On “Research Orientations in Engineering with Effective Outcomes	26-30 July 2020	1 Week	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, WolaitaSodo University Ethiopia, and Sunway University, Malaysia	International
2	Dr.Sanjiv Sharma	FDP on Research Perspective in Futuristic Computing Technologies	6-10 July - 2020	1 Week	Department of Computer Science & Engineering, School of Engineering, Dayananda Sagar University, Bengaluru	National
3	Dr.Sanjiv Sharma	Faculty Development Programme on “Online Teaching- Learning And Research Methodology	18 - 29 July, 2020	2 Week	Govt. P. G. College, Bilaspur Rampur - Uttar Pradesh.	National
4	Dr.Sanjiv Sharma	Post Pandemic Scenario Building using AI, ML and Optimization Techniques	10 - 14 July, 2020	1 week	KDK College of Engineering, Nagpur.	National



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5	Dr.Sanjiv Sharma	Accreditation to Engineering & Professional Ethics (AEPE - 2020)	08 - 12 July 2020	1 week	Jointly Organized by Applied Mechanics Department & Electrical Engineering Department, Government College of Engineering, Nagpur.	National
6	Rajeev Kumar Singh	Blockchain and its Application	12-15 Sep 2020	3 Days	RGPV, Bhopal	National
7	Rajeev Kumar Singh	Accreditation to Engineering & Professional Ethics	08- 12 July 2020	1 Week	Government College of Engineering, Nagpur	National
8	Punit Johari	Deep Learning for Computer Vision	26-28 November	3 Days	Department of Electrical Engineering IIT Indore.	National
9	Dr.Sanjiv Sharma	Data Science & Analytics	07-18 December, 2020	10 Days	Indian Institute of Technology Indore	National
10	Rajeev K. Singh	Internet of Things (IoT) and Data Analytics	23-24 October, 2020	2 Days	CSE & IT Department, MITS, Gwalior.	National
11	Rajeev K. Singh	Applied Computing	09-13 November, 2020	5 days	CSE & IT Department, MITS, Gwalior.	National
12	Rajeev K. Singh	Recent Advance in Network Security and Blockchain Technology	14-18 December,2020	5 Days	IIT Indore	National
13	Dr.Sanjiv Sharma	Awareness workshop on NIRF India Ranking -2021	18-19 Jan 2021	2 Days	Institute of Academic Excellence Hyderabad	National
14	Santosh Sahu	The Growing Role of IOT in Covid-19 and Health Care	8th to 10th June 2020	3 Days	RGPV Bhopal	National
15	Santosh Sahu	Internet of Things (IoT) & Data Analytics	October 23 - 24, 2020	2 Days	MITS, Gwalior	National
16	Shweta Patel	Internet of Things (IoT) & Data Analytics	October 23 - 24, 2020	2 Days	MITS, Gwalior	National
17	Dheeraj Gurjar	Transition from traditional to blended learning: Challenges & Opportunities	January 23 and 31, 2021	2 Day	MITS, Gwalior	National
<b>Humanities</b>						
1	Valiur Rahaman	Capacity Building	4.10.2021	9.10.2021	Atal Sagar University Sagar	National
2	Umesh Guramwar	"Advanced Pedagogy for Efficient Online Teaching During the Pandemic Like Crisis " Organized by IIIT Roorkee, During December 14-18,	14-18 December 2020	One Week	IIIT Roorkee	National



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		2020				
3	Umesh Guramwar	"Basics of English- The Crux of Communication"	28 To 30 December 2020	Three Days	Adt's Sharda Bai Pawarmahila Arts, Commerce and Science College, Shardanagar	National
4	Umesh Guramwar	"Pedagogies of Online Teaching and Evaluation: Pre and Post Covid"	07 To 11 December 2020	One Week	IIIT Roorkee	National
5	Dr. Garima Singh Baghel	"Transition from Traditional to Blended Learning: Challenges & Opportunities-I "	23 Jan 2021	One Day	IQAC-Madhav Institute of Technology and Science, Gwalior & Manavrachna University, Faridabad, Haryana	National
6	Dr. Garima Singh Baghel	"Transition from Traditional to Blended Learning: Challenges & Opportunities-II "	30 Jan 2021	One Day	IQAC-Madhav Institute of Technology and Science, Gwalior & Manavrachna University, Faridabad, Haryana	National
7	Dr. Garima Singh Baghel	"Advanced Pedagogy for Efficient Online Teaching During the Pandemic Like Crisis " Organized by IIIT Roorkee, During December 14-18, 2020	14 To 18 December 2020	One Week	IIIT Roorkee	National
8	Dr. Garima Singh Baghel	"Pedagogies of Online Teaching and Evaluation: Pre and Post Covid"	07 To 11 December 2020	One Week	IIIT Roorkee	National
9	Dr. Garima Singh Baghel	"Basics of English- The Crux of Communication"	28 To 30 December 2020	Three Days	Adt's Sharda Bai Pawarmahila Arts, Commerce and Science College, Shardanagar	National
10	Dr. Garima Singh Baghel	"Designing E-Content for English Language and Literature"	29 June 2020	One Day	Department of English and IQAC of Arts, Commerce and Science College, Lanja	National
11	Sanjeev Khanna	Universal Human Values	28/09/2020 To 02/10/2020	1 Week	AICTE, New Delhi	National
<b>Applied Science</b>						
1	Deobrat Singh	Recent Trends in Engineering Materials	7.8.2020	One Day	Applied Science, MITS Gwalior	National
2	Deobrat Singh	Research Methodology in Higher Education	03/09/2020 To 05/09/2020	Three Days	Department of Applied Science, Engineering	International



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					College Banswara	
3	Dr. Hansnath Tiwari	Nano Sensors and their Applications	31 July 2020	1- Day	Department of Applied Science, MITS	National
4	Dr Shourabh Bhattacharya	Nano Sensors and their Applications	31 July 2020	1- Day	Department of Applied Science, MITS	National
5	Dr Shourabh Bhattacharya	Recent Trends in Engineering Materials	7.8.2020	One Day	Applied Science, MITS Gwalior	National
6	Dr Abhay Mishra	Recent Trends in Engineering Materials	07 August 2020	1- Day	Department of Applied Science, MITS	National
7	Dr Abhay Mishra	Transition from Traditional to Blended Learning	30.01.2021	1- Day	IQAC, MITS Gwalior and Manav Rachna University Faridabad	National
<b>Architecture</b>						
1	Ms. Versha Sinha	Building Science & Energy Conservation, MITS, Gwalior	22/09/2020 - 26/09/2020	05	MITS	National
2	Ms. Versha Sinha	Making Cities Smart - Concept & Approaches, JK Cement	24/12/2020	01	MITS	National
3	Ms.Shweta Singh	Architecture & Future: A Rising Concern & Way Forward, Acedge	20/10/2020 - 22/10/2020	03	MITS	National
4	Ms.Shweta Singh	Soft Skills, Infosys Campus Connect	29/06/2020 - 03/07/2020	08	MITS	National
5	Ms.Shweta Singh	Making Cities Smart-Concept and Approaches, JK Super "Tech-Talk"	24/12/2020	01	MITS	National
6	Ar. Ankit Kumar	Making Cities Smart-Concept and Approaches, JK Super "Tech-Talk"	24/12/2020	01	MITS	National

### 13. ACADEMIC ACTIVITIES ATTENDED (CONFERENCES)

S. No.	Name of Faculty	Topic	Date(S)	Duration	Organized By	Level
<b>Mechanical Engineering</b>						
1	Dr C. S. Malvi	ICSISCET- 2020	18-19 Dec.	2 Days	MITS, Gwalior	International
<b>Electrical Engineering</b>						
1	Dr. Shishir Dixit	Artificial Intelligence and Applications (Springer	September 8-10, 2020	02 Days	1st Global Conference on Artificial Intelligence and	International



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		Conference) Paper Title: - Power Loss Sensitivity and GWO Based Approach for Optimal Capacitor and DG Allocation in Distribution System			Applications (GCAIA 2020) Department of Computer Science & Engineering, University of Engineering & Management, Jaipur, Rajasthan, India	
2	Dr. Shishir Dixit	Smart Technologies for Power, Energy and Control (STPEC) 2020 (IEEE Conference) Paper Title:-A Forward-Backward Sweep and ALO Based Approach for DG Allocation in Radial Distribution System	September 25- 26, 2020.	02 Days	First IEEE International Conference on Smart Technologies for Power, Energy and Control (STPEC) 2020 the Department of Electrical Engineering, Visvesvaraya National Institute of Technology, Nagpur, Maharashtra, India	International
3	Dr. Shishir Dixit	Computational Intelligence and Communication Networks (CICN 2020) (IEEE Conference) Paper Title: - Optimal Placement and Sizing of Distributed Generation Using Multi-Verse Optimization	September 25-26, 2020	02 Days	The 12th International Conference on Computational Intelligence and Communication Networks (CICN 2020) in BIMS, Bhimtal, Nainital, India	International
4	Dr. Shishir Dixit	AICTE Sponsored second International Conference on Sustainable and Innovative Solution for Current Challenges in Engineering and Technology (ICSISCET)	December 18-19, 2020	02 Days	Jointly organized by IQAC-Madhav Institute of Technology and Science, Gwalior & Manav Rachna University, Faridabad, Haryana	International
5	Dr. Shishir Dixit	"Transition from traditional to blended learning: Challenges & Opportunities-II "	January 23 & 30, 2021	02 Days	Jointly organized by IQAC-Madhav Institute of Technology and Science, Gwalior & Manav Rachna University, Faridabad, Haryana	International
6	Dr. Shishir Dixit	Communication Systems and	June 18th	02 Days	10th IEEE International	International



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		Network Technologies (CSNT2021) Paper Title: - "Optimal Power Flow Simulation using LP Method	&19th 2021		Conference on "Communication Systems and Network Technologies (CSNT 2021)" organised by Oriental Institute of Science & Technology, Bhopal	
7	Praveen Bansal	Smart Technologies for Power, Energy and Control (STPEC) 2020	26. September 2020	02 Days	Visvesvaraya National Institute of Technology, Nagpur	International
8	Saurabh Kumar Rajput	International Conference on Emerging Frontiers in Electrical and Electronic Technologies (ICEFEET 2020)	10-11' July 2020	02 Days	NIT Patna	International
9	Saurabh Kumar Rajput	Second International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET- 2020)	18-19' December 2020	02 Days	Madhav Institute of Technology and Science Gwalior MP.	International
10	Dr. Vikram	Second International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET- 2020)	18-19' December 2020	02 Days	Madhav Institute of Technology and Science Gwalior MP.	International
11	Vishal Chaudhary	Second International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET- 2020)	18-19' December 2020	02 Days	Madhav Institute of Technology and Science Gwalior MP.	International
12	Dr Himmat Singh	Second International Conference on Sustainable and Innovative Solutions for Current Challenges in	18-19' December 2020	02 Days	Madhav Institute of Technology and Science Gwalior MP.	International



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		Engineering & Technology (ICSISCET- 2020)				
<b>Electronics Engineering</b>						
1	Deepak Batham	Springer International Conference on Machine Intelligence and Smart Systems (MISS-2020)	24-25 September 2020	2 Days	Rustamji Inst. of Tech., BSF Academy, Tekanpur, Gwalior	International
2	Dr Karuna Markam Pooja Sahoo Dr. Vandana Vikas Thakare	Next Generation Education Technology for Science and Engineering	26-27 Feb 2021	2 Days	IETE MP Chapter IEEE MP Subsection and IEI India	International
<b>CSE</b>						
1.	Dr. Manish Dixit	Springer International Conference on Machine Intelligence and Smart Systems (MISS-2020)	24 - 25 September 2020	Two Days	RJIT Tekanpur	International
2.	Dr. R.S. Jadon	ICVGIP 2020	18-22 December 2020	Four Days	IIT Jodhpur	National
3.	Parul Saxena	Innovations in Smart Technology, Advanced Materials and Communication Engineering	9th June 2021	One day	Amity University, Gwalior	International
4.	Parul Saxena	Challenges and Innovation in Engineering & Technology	19-20 March 2021	Two day	Ramco Institute of Technology, Rajapalayam	National
5.	Parul Saxena	Next Generation Education Technology for Science and Engineering	26-27 Feb 2021	Two day	IETE MP Chapter	International
6.	Hemlata Arya	International Virtual Conference "Next Generation Education Technology for Science and Engineering"	26-27 Feb 2021	Two Days	Organized by IETE MP Chapter in association with IEEE MP Subsection, and The Institution of Engineers, India	International
7.	Hemlata Arya	International Conference on Innovations in Smart Technology, Advanced Materials and Communication	09 June 2021	One Day	Organized by Amity School of Engineering and Technology, Amity University Madhya	International



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		Engineering (ISTAMCE 2021)			Pradesh, Gwalior.	
8.	Dr Manish Dixit	CSNT 2021	18-19 June 2021	Two Days	OIST Bhopal	International
<b>IT</b>						
1	Abhishek Dixit	Exploring Current Trends & Challenges in Hesitation Mining	14-15 May 2021	2 Days	Raja Balwant Singh Engineering Technical Campus Bichpuri, Agra. (ICDIS-2021)	International
<b>Humanities</b>						
1	Valiur Rahaman	Etiology in Deleuze and Guatteri's Writing	20-22 February 20	2 Days	D&G Studies in India & Ccmg Jamia Millia Islamia	International
<b>Applied Science</b>						
1	Deobrat Singh	2020 FIO + LS	14 - 17 September 2020	4 Days	Optical Society of America and American Physical Society	International
2	Dr. Hansnath Tiwari	Recent Advances in Analytical Technique -2020	16th to 17th August 2020	2 Days	USERC DST Dehradun, Uttarakhand	National
3	Dr. Hansnath Tiwari	ERTCS -2020	24th to 26th July 2020	3 Days	Gov. Post Graduate College, Rajouri	International
4	Dr. Anjula Gaur	International Summit on Quality Indices in Higher Education	6th to 7th November, 2020	2 Days	Delhi Technological University Delhi	International
<b>Architecture</b>						
1	Dr. Anjali S. Patil	Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2019)	02.11.2020 to 03.11.2020	2 Days	Moderate For International Symposium Sustainable Development Research in Asia Pacific	International

#### 14. ACADEMIC ACTIVITIES ATTENDED (SEMINAR)

S. No.	Name of Faculty	Topic	Date(S)	Duration	Organized By	Level
<b>Electronics Engineering</b>						
1	Shambhu Kumar	"Future Engineering Education	23 August	1 Days	IEEE MP Sub Section	National



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		and Research”	2020			
<b>CSE</b>						
1	Mahesh Parmar	Human Capital and Design Thinking	20 Sep 2020	One Day	IETE, Bhopal & Gwalior, IEEE, M.P	National
2	Mahesh Parmar	Mental Stress - Causes and Solutions	13 Sep 2020	One Day	IETE, Bhopal & Gwalior, IEEE, M.P	National
3	Mahesh Parmar	Engineering Education	05 Sep 2020.	One Day	IETE, Bhopal & Gwalior, IEEE, M.P	National
4	Lav Upadhyay	Building A Career in Artificial Intelligence"	7 October 2020	One Day	IEEE	National
5	Lav Upadhyay	Research Seminar Series	6 Aug 2020	One Day	TEQIP-III at MNIT Jaipur	National
<b>IT</b>						
1	VikasSejwar	International Summit on Quality Indices in Higher Education - 2020	6-7 Nov 2020	Two Days	DTU Delhi	International
<b>Humanities</b>						
1	Sanjeev Khanna	A National Seminar on Teaching Methodology	Feb 2020	02 Days	Doabacolleg, Jalandhar, Punjab	National
<b>Architecture</b>						
	Dr. Anjali S. Patil	Abstracting and Indexing – How to Get Index and How to Increase Research Impact All About Scientific Publishing – Trends Nuance, Tool Ethics Etc.	09.09.2020	01 Day		
	Dr. Anjali S. Patil	Publishing ethics in biomedicine and & life science research All about scientific publishing – Trends Nuance, Tool Ethics etc.	16.09.2020	01 Day		

### 15. ACADEMIC ACTIVITIES ATTENDED (WEBINAR)

S. No.	Name Of Faculty	Topic	Date(S)	Duration	Organized By	Level
<b>Mechanical Engineering</b>						
1	Mr. Dhruv Maggu	Building Science and Energyconservation	Sep 22-26, 2020	01 Week	MITS Gwalior	National Level



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2	Mr. Sharad Agrawal	Gender Equality and Women's Rights	16 Jul,2020	01 Day	NIT Kurukshetra	National Level
3	Mr. Sharad Agrawal	Engineering Education	05 Sep,2020	01 Day	IETE Bhopal & IEEE Gwalior	National Level
4	Mr. Vedansh Chaturvedi	Engineering Education	05 Sep,2020	01 Day	IETE Bhopal & IEEE Gwalior	National Level
5	Dr. Jyoti Vimal	Engineering Education	05 Sep,2020	01 Day	IETE Bhopal & IEEE Gwalior	National Level
6	Dr Amrat Kumar Dhamneya	Advances Techniques for Energy Efficient Devices Matlab Coding	07 June 2020	01 Day	SGSITS Indore	National Level
7	Dr Amrat Kumar Dhamneya	Industrial Automation	12 June 2020	01 Day	Creative Genic Solution Kanpur	National Level
8.	Dr. Ravi Kant Ranjan	Building Science and Energy Conservation	22-26, 2020	01 Week	MITS Gwalior	National Level
9.	Dr. M.K. Gaur	Research and Innovation	17-21/08/2020	05 Days	VVCE, Mysore	National Level
10.	Dr. M.K. Gaur	Thermodynamics using Flownex Simulation Software	24/07/2020	01 Day	Indiasoft Technologies P. Ltd	International
11.	Dr. M.K. Gaur	Engineering Education	05 Sep,2020	01 Day	IETE Bhopal & IEEE Gwalior	National Level
<b>Electrical Engineering</b>						
1	Bhavna Rathore	Energy and Environment problems facing the third world and their probable solutions for Sustainable Development and Poverty Alleviation"	1 July 2020	1 day	IEEE, MP Subsection and IETE	National
2	Aprajita Kumari	Improved Power System Protection and Control in a Robust Smart Grid		1 day	IEEE PES Bangalore chapter	National
3	Shweta Kumari	Improved Power System Protection and Control in a Robust Smart Grid		1 day	IEEE PES Bangalore chapter	National
4	Dr A K Wadhvani	One day webinar on "Engineering Education"	05 September 2020	1 day	Jointly organized by IETE, Bhopal & Gwalior, IEEE, M.P. Subsection and Institution of Engineers (India), Gwalior	National
5	Dr Sulochana Wadhvani	One day webinar on "Engineering Education"	05 September 2020	1 day	Jointly organized by IETE, Bhopal & Gwalior, IEEE, M.P. Subsection and Institution of Engineers (India), Gwalior	National
6	Dr Sulochana	Virtual Labs	19.07.2020	1 day	IIT-Guwahati	National



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	Wadhvani					
7	Prof A Patra	Publishing ethics, the role of publishers, journals, researchers and institutions	25 .06.2020	1 day	Springer Nature Infilbnet Centre	National
8	Prof A Patra	Virtual Labs	19.07.2020	1 day	IIT-Guwahati	National
9	Prof A Patra	National Education Policy	10.12.2020	1 day	NITTTTR-Bhopal	National
10	Prof A Patra	Soft Computing	8.7.2020	1 day	RGPV-Bhopal	National
11	Dr. Shishir Dixit	National Webinar on Virtual Labs	19 July 2020	1 day	Department of Computer Science & Engineering Indian Institute of Technology, Guwahati	National
12	Dr. Shishir Dixit	Signature Session Series on “Creativity, Innovation and Indian Startup Ecosystem”	July 15, 2020	1 day	Mr. Jayant Krishna Group CEO (Designate), UK India Business Council (UKIBC)	National
13	Dr. Shishir Dixit	Medical Image Processing	August 21, 2020	1 day	Department of Bio Medical Engineering, GKM College of Engineering and Technology, GKM Nagar, Chennai in association with PANTECH e learning	National
14	Dr. Shishir Dixit	Cyber Security	August 29, 2020	1 day	Department of CSE, J. B. Institute of Engineering and Technology, Hyderabad in association with PANTECH e learning	National
15	Dr. Manjaree Pandit	Orientation Webinar on “Outcome Based Education and Accreditation for Program Evaluators (PEVs)”	1st Feb. 2021	1-day	National Board of Accreditation, New Delhi	National
16	Dr. Manjaree Pandit	IEEE - ABET Webinar on Accreditation and Quality of Engineering Education in South Asia”	08 July 20	1-day	IEEE India Council Conducted on 08 July 20	National
17	Dr. Manjaree Pandit	Webinar on “The growth of Women Empowerment in Virtual Era” on (Resource person: Dr. Muthmainnah, Education Expert,	13th September 2020		Organized by the IEEE Madhya Pradesh sub-section , IETE (Bhopal & Gwalior)	National



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		Centre for Women Studies, University AI Asyariah, Mandar, Indonesia)			& Institution of Engineers India	
<b>Electronics Engineering</b>						
1	Shambhu Kumar	“Recycling : A way to sustainable Paving”	07 August 2020	1 Day	University College of Engineering & Technology Bikaner	National
2	Pooja Sahoo Karuna Markam	Stress Management during COVID-19	26 July 2020	1 Day	IETE, IEEE and IEI, Gwalior	National
3	Santosh Sharma	Role of NIT in the Implementation of National Education Policy 2020 : Challenges and Solutions	17 September 2020	1 Day	NIT Kurukshetra	National
4	Pooja Sahoo, Vandana Vikas Thakare, Deep Kishore Parsediya, Madhav Singh	Next Generation Antenna	02 August 2020	1 Day	IETE, IEEEand IEI, Gwalior	National
5	Pooja Sahoo	Advancement in Antenna Simulation with Tara NG:19.1	03 July 2020	1 Day	BIET, Jhansi	National
6	Pooja Sahoo	New role of Microwave in Defence	20-25 July 2020	1 Week	BIET, Jhansi	National
7	Pooja Sahoo, Praveen Kumar	Image Enhancement using Neural Network	19 July 2020	1 Day	IETE, IEI, IEEE Gwalior	National
8	Pooja Sahoo	Citation and Reference Management using Mendeley	14 August 2020	1 Day	BVICAM, New Delhi	National
9	Pooja Sahoo	Millimetre- Wave and Sub-millimetre wave beam Scanning	08 August 2020	1 Day	IIT BHU	National
10	Pooja Sahoo, Madhav Singh, Deep Kishore Parsediya, Madhav Singh	Women Empowerment	09 August 2020	1 Day	IETE, IEI, IEEE Gwalior	National
11	Pooja Sahoo, Deep Kishore Parsediya	Issues related to COVID-19	16 August 2020	1 Day	IETE, IEI, IEEE Gwalior	International
12	Pooja Sahoo	Technology Enabled and Teaching Learning	08 July 2020	1 Day	NITTTTR, Bhopal	National
13	Pooja Sahoo	Substrate Integrated Circuit- Microwave and Millimeter Wave Application	22 August 2020	1 Day	IIT, BHU	National
14	Pooja Sahoo, Deep	Future Engineering Education and	23 August 2020	1 Day	IETE, IEI, IEEE Gwalior	National



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	Kishore Parsediya	Research				
15	Pooja Sahoo, Karuna Markam, Deep Kishore Parsediya	Engineering Education	05 September 2020	1 Day	IETE, IEI, IEEE Gwalior	National
16	Karuna Markam, Vandana Vikas Thakare	Energy and Environment problems facing the third world and their probable solutions for Sustainable Development and Poverty Alleviation	1 July 2020	1 Day	IETE, IEEE and IEI, Gwalior	National
17	Karuna Markam, Vandana Vikas Thakare, Deep Kishore Parsediya	Advancements in Antenna Simulation with TARA NG: 19.1	3 July 2020	1 Day	Bundelkhand Institute of Engineering and Technology, Jhansi	National
18	Karuna Markam, Vandana Vikas Thakare	Technology Enabled and Teaching Learning	08 July 2020	1 Day	NITTTR, Bhopal	National
19	Karuna Markam, Vandana Vikas Thakare	Gender Equality and Women's Rights	16 July 2020	1 Day	National Institute of Technology, Kurukshetra	National
20	Karuna Markam, Vandana Vikas Thakare	Image Enhancement Using Neural Network	19 July 2020	1 Day	IETE, IEI, IEEE Gwalior	National
21	Dr. Laxmi Shrivastava	Challenges to Technical Education in Pandemic times	24 September 2020	1 Day	MITS, Gwalior	National
22	Deep Kishore Parsediya	LaTex Webinar	15 July 2020	1 Day	RJIT Tekanpur	National
23	Deep Kishore Parsediya	The growth of women empowerment in virtual era	13-09-2020	1 Day	IETE, IEI, IEEE Gwalior	National
24	Deepak Batham	Signal Processing Applications	25 September 2020	1 Day	IETE, MET's Institute of Engineering, Nasik	National
25	Madhav Singh	Challenges to Technical Education in Pandemic times	24 September 2020	1 Day	MITS, Gwalior	National
26	Ravindra Pratap Narwaria	3-D Surface reconstruction of Real – World Objects	23 November 2020	1 Day	MITS, Gwalior	National
27	Ravindra Pratap Narwaria	Gender Equity	08 March 2021	1 Day	MITS, Gwalior	National



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28	Ravindra Pratap Narwaria	5G – Evolution Advancements and Applications	21 December 2020	1 Day	MIT, Gwalior	National
29	Pooja Sahoo	Winning in the digital age	01 May 2021	1 Day	ITS Mohan Nagar, Ghaziabad	National
<b>CSE</b>						
1	Dr. R. K. Gupta	Opportunities & Challenges in National Education Policy-2020	21st Sep, 2020	One Day	Dr. Harisingh Gour Vishwavidyalaya, Sagar	National
2	Dr. R. K. Gupta	Cloud Computing and Its Applications	2nd July, 2020	One Day	Department of Computer Science and Engineering, Maratha Mandal Engineering College, Belagavi	National
3	Dr. Manish Dixit	Energy and Environment problems facing the third world and their probable solutions for Sustainable Development and Poverty Alleviation	01 July 2020	One Day	IEEE, IETE, IEI	National
4	Dr. Manish Dixit	Role of Media in the Age of COVID-19: Responsibility of the fourth pillar of Democracy	14 July 2020	One Day	Prestige Institute of Management, Gwalior	National
5	Dr. Manish Dixit	Gender Equality and Women's Rights	16 July 2020	One Day	NIT, Kurukshetra	National
6	Dr. Manish Dixit	Image Enhancement using Neural Network	19 July 2020	One Day	IEEE, IETE, IEI	National
7	Dr. Manish Dixit	Data Science and Machine Learning	18 - 20 July 2020	Three Days	K.S. Rangasamy College of Technology	National
8	Dr. Manish Dixit	Community Engagement, Institutional Social Responsibility and Social Work Profession in Higher Education : Emerging Opportunities and Prospects	22 July 2020	One Day	IQAC, Vivek College of Education, Bijnor	National
9	Dr. Manish Dixit	Webinar on Stress Management during Covid-19 Era	26 July 2020	One Day	IEEE, IETE, IEI	National
10	Dr. Manish Dixit	One day Online National Seminar on Next Generation Antenna	02 Aug 2020	One Day	IEEE, IETE, IEI	National
11	Dr. Manish Dixit	Women Empowerment	09 Aug 2020	One Day	IEEE, IETE, IEI	National
12	Dr. Manish Dixit	Issues Related to COVID 19	16 Aug 2020	One Day	IEEE, IETE, IEI	National
13	Dr. Manish Dixit	Future Engineering Education and Research	23 Aug 2020	One Day	IEEE, IETE, IEI	National



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14	Dr. Manish Dixit	Engineering Education	05 Sep 2020	One Day	IEEE, IETE, IEI	National
15	Dr. Manish Dixit	The Growth of Women Empowerment in Virtual Era	13 Sep 2020	One Day	IEEE, IETE, IEI	National
16	Dr. Manish Dixit	Human Capital and Design Thinking	20 Sep 2020	One Day	IEEE, IETE, IEI	National
17	Amit Kumar Manjhvar	“Engineering Education	05 Sep 2020	One Day	IEEE, IETE	National
18	Amit Kumar Manjhvar	The Growth of Women Empowerment in Virtual Era	13 Sep 2020	One Day	IEEE,IETE	National
19	Amit Kumar Manjhvar	Evolution of Java in 25 years	13 July 2020	One Day	McGraw hill	National
20	Amit Kumar Manjhvar	Challenges to Technical Education in Pandemic Times	24 July 2020	One Day	IQAC MITS Gwalior	National
21	Lav Upadhyay	Be a Tech-Blogger	6th Oct 2020	One Day	IEEE	National
22	Julie Kumari	Engineering Education	5 September	One Day	IETE, Bhopal & Gwalior, IEEE, M.P. Subsection and Institution of Engineers (India)	National
23	Julie Kumari	Webinars on COVID-19: Risk Management & Simulation Efforts	2-3 July 2020	Two Days	MNIT Jaipur	National
24	Dr.R.S. Jadon	NEP	03 December 2020	One Day	Shiksha Sanskriti Uthan New Delhi	National
25	Parul Saxena	Data Science for Organisational Performance	11th July	One Day	OPJU IEEE Tech Web Series	National
26	Parul Saxena	Machine Learning through Google Colab	12th July	One Day	Amity University, Gwalior	National
27	Parul Saxena	Image Enhancement Using Neural Network	19th July	One Day	IEEE, Gwalior	National
28	Parul Saxena	Women Empowerment	9th August	One Day	IEEE, Gwalior	National
29	Parul Saxena	Research & Innovation	17th-21st August	Five Days	Department of Information Science and Engineering, VVCE, Mysuru	National
30	Dr. Anshu Chaturvedi	Intellectual Property Rights (IPRs)	15 June 2021	One Day	Department of CSE, MITS	Institutional
31	Parul Saxena	Intellectual Property Rights (IPRs)	15 June 2021	One Day	Department of CSE,	Institutional



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					MITS	
32	Pooja Agrawal	Intellectual Property Rights (IPRs)	15 June 2021	One Day	Department of CSE, MITS	Institutional
33.	Hemlata Arya	One Day Webinar on "The growth of Women empowerment in Virtual Era"	13 September 2020	One Day	Jointly Organized by IETE, Bhopal & Gwalior, IEEE M.P Subsection and institute of Engineers India	National
34.	Hemlata Arya	One Day Webinar on "Stress Management During Covid-19 Era"	26 July 2020	One Day	Jointly Organized by IETE, Bhopal & Gwalior, IEEE M.P Subsection and institute of Engineers India	National
35.	Hemlata Arya	One Day Webinar on "Image Enhancement Using Neural Network"	19 July 2020	One Day	Jointly Organized by IETE, Bhopal & Gwalior, IEEE M.P Subsection and institute of Engineers India	National
36.	Hemlata Arya	One Day Webinar on "Engineering Education"	05 September 2020	One Day	Jointly Organized by IETE, Bhopal & Gwalior, IEEE M.P Subsection and institute of Engineers India	National
37.	Hemlata Arya	One Day Webinar on the Topic " Technology Based Teaching in Class Room	10 september 2020	One Day	Organized by IFERP	International
38.	Hemlata Arya	Webinar on the Topic" Cyber Virus that took his path with corona virus- A Disaster Journey of Malicious Malware in the ASEAN Countries"	15 August 2020	One Day	Organized by IFERP	International
<b>Chemical Engineering</b>						
1	Prof. Swati Gupta	Challenges to Technical Education in Pandemic Times	24.09.2020	1 Day	MITS Gwalior	Local Level
2	Prof. Anish P. Jacob	Challenges to Technical Education in Pandemic Times	24.09.2020	1 Day	MITS Gwalior	Local Level
3	Prof. Sulochana Nagar	Intellectual Property Rights (IPR)	02.07. 2020	1 Day	Ujjain Engineering College Ujjain	National
4	Prof. Sulochana Nagar	Advanced Tools Utilisation In Plant Design Engineering	02.07. 2020	1 DAY	AISSMS College of Engineering, Delhi	National
<b>IT</b>						



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1	Vikas Sejwar	Computer science & business system	10 July 2020	One Day	SVVV, Indore	National
2	Vikas Sejwar	Data science for organisational performance	11 July 2020	One Day	IEEE, OPJU	National
3	Abhilash Sonker	Future Engineering Education and Research	23 Aug 2020	One Day	IETE, Bhopal & Gwalior, IEEE, MP Subsection and institute of engineers (India), Gwalior	National
4	Abhilash Sonker	Research Issues in Wireless Sensor Networks	01 Aug 2020	One Day	SRIIT Gwalior	National
5	Punit Kumar Johari	Abstracting and Indexing – How to get indexed and how to increase research impact	09, Sep 2020	One Day	Springer Nature	International
6	Punit Kumar Johari	Academic and Scientific Writing Catapulting Institutional Visibility	03 Aug, 2020	One Day	Central Library, Manipur University in collaboration with Springer Nature	National
7	Punit Kumar Johari	Opportunities & Challenges in National Education Policy-2020	21 Sep, 2020	One Day	Dr. Harisingh Gour Vishwavidyalaya, Sagar	National
8	Neha Bhardwaj	Opportunities & Challenges in National Education Policy 2020	21Sep 2020	One Day	Dr. Harisingh Gour Vishwavidhyalaya	National
9	Neha Bhardwaj	IoT Security	28-29Aug 2020	Two Days	C-DAC, Hyderabad & SETS, Chennai	National
10	Vikas Sejwar	Understanding Conflict: Internal and International, through the Lens of Natural Language Processing	17 Dec 2020	One Day	NIT Patna	International
11	Vikas Sejwar	Career Opportunities in Internet of Things (IoT)	31 Oct 2020	One Day	Amity University Gwalior	National
<b>Humanities</b>						
1	Valiur Rahaman	Strengthening Research Capabilities Remotely	June 25, 2020	1 Day	Elsevier	International
2	Valiur rahaman	Publication Ethics	29 June 20	1 Day	Springer Nature & Infilbnet	International
3	Umesh guramwar	Abstracting And Indexing-How to get Indexed and How to Increase Research Impact”.	09-10-2020	1day	Springer Nature	International
4	Umesh guramwar	Quality Indices in Higher Education -	6-7 November	2days	Delhi Technological	International



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		2020,	2020		University, Delhi	
5	Umesh guramwar	Publishing Ethic: The Role of Publishers, Journals, Researchers and Institutions. Organized by on 25 June 2020	25-June 2020	1day	Springer Nature in Collaboration With Inflibnet Centre	International
6	Umesh guramwar	Teaching Literature through Literature,	20- June-2020	1day	IQAC and Department of English, Rajaram College, Kolhapur	National
7	Dr Garima Singh Baghel	Teaching Literature through Technology	20 June 2020	1day	IQAC and Department of English, Rajaram College, Kolhapur	National
8	Dr Garima Singh Baghel	National Webinar on Indian Feminism	9 Sep 2020	1day	K.J.Somaiya College of Science and Commerce, Mumbai & Bharatiyastree Shakti (B.S.S)	National
9	Dr Garima Singh Baghel	Key Concepts of Post-Colonialism	21 May 2020	1day	Kongu Arts And Science College [Autonomous] Nanjanapuram, Erode	National
10	Dr Garima Singh Baghel	Environmentalism in English Literature	15 Jan 2021	1day	Dept. of English, Debra Thana Sahid Kshudiram Smriti Maha Vidyalaya Debra, Paschimmedinipur in Collaboration with Dept. of English, Egrasarada Shashi Bhusan College Egra, Purbamedinipur	National
11	Dr Garima Singh Baghel	Travel Literature	30 Aug 2020	1day	Kamla Nehru College for Women, Jai Narain Vyas University, Jodhpur	National
12	Dr Garima Singh Baghel	Planning of Teacher Education	26 May 2020	1day	Jay Nayak Ch. Devi Lal (PG) College of Education, Sirsa	National
<b>Applied Science</b>						
1	Deobrat Singh	Entrepreneurial Opportunities In Solid Waste Management	4th July 2020	1 Day	Department of Mechanical & Civil Engineering, Engineering College Banswara, Rajasthan	National
2	Deobrat Singh	Academic And Scientific Writing	03/08/2020	1 Day	Central Library, Manipur	International



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		Catapulting Institutional Visibility Organized By			University in Collaboration with Springer Nature.	
3	Deobrat Singh	Mathematical Modeling Of Engineering Systems”	16 September, 2020	1 Day	Department of Mechanical Engineering, MBM Engineering College Jodhpur	National
4	Deobrat Singh	“Nep-2020”	17-09-2020	1 Day	Department of Mechanical Engineering, Engineering College Banswara	National
5	Deobrat Singh	“Publishing Ethics In Biomedicine & Life Sciences Research”	16-09-2020	1 Day	Springer Nature	International
22	Dr. Hansnath Tiwari	NEP-2020	17/09/2020	1 Day	Engineering College Banswara	National
<b>Architecture</b>						
1	Dr. Anjali S. Patil	Universal Design, MITS, Gwalior	07.08.2020 - 9.08.2020	03	Department of Architecture & Planning, MITS, Gwalior	National
2	Dr. Anjali S. Patil	Architecture & future: A rising concern & way forward, ACEDGE	20.10.2020 – 22.10.2020	03	Department of Architecture & Planning, MITS, Gwalior	National
3	Dr. Anjali S. Patil	Building Materials & Recent Trends, MITS	23.12.2020 - 24.12.2020	02	Department of Architecture & Planning, MITS, Gwalior	National
4	Dr. Anjali S. Patil	Water Sensitive Urban Planning by Architects	24.07.2020	01	LNCT University B, Bhopal	
5	Dr. S. S. Jadon	Universal Design, MITS, Gwalior	07.08.2020- 9.08.2020	03	Department of Architecture & Planning, MITS, Gwalior	National
6	Dr. S. S. Jadon	Architecture & future: A rising concern & way forward, ACEDGE	20.10.2020 – 22.10.2020	03	Department of Architecture & Planning, MITS, Gwalior	National
7	Dr. S. S. Jadon	Building Materials & Recent Trends, MITS	23.12.2020 - 24.12.2020	02	Department of Architecture & Planning, MITS, Gwalior	National
8	Dr. S.S. Jadon	Building Science & Energy Conservation	22-26.9.2020	5 days	Department of	



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					Mechanical Engineering under the teqip- III	
9	Ar. Richa Mishra	Universal Design, MITS, Gwalior	07.08.2020-9.08.2020	03	Department of Architecture & Planning, MITS, Gwalior	National
10	Ar. Richa Mishra	Architecture & future: A rising concern & way forward, ACEDGE	20.10.2020 – 22.10.2020	03	Department of Architecture & Planning, MITS, Gwalior	National
11	Ar. Richa Mishra	Building Materials & Recent Trends, MITS (National)	23.12.2020 - 24.12.2020	02	Department of Architecture & Planning, MITS, Gwalior	National
12	Ar. Pranshi Jain	Universal Design, MITS, Gwalior	07.08.2020-9.08.2020	03	Department of Architecture & Planning, MITS, Gwalior	National
13	Ar. Pranshi Jain	Architecture & future: A rising concern & way forward, ACEDGE	20.10.2020 – 22.10.2020	03	Department of Architecture & Planning, MITS, Gwalior	National
14	Ar. Pranshi Jain	Building Materials & Recent Trends, MITS	23.12.2020 - 24.12.2020	02	Department of Architecture & Planning, MITS, Gwalior	National
15	Ar. Shweta Singh	Universal Design, MITS, Gwalior	07.08.2020-9.08.2020	03	Department of Architecture & Planning, MITS, Gwalior	National
16	Ar. Shweta Singh	Architecture & future: A rising concern & way forward, ACEDGE (National)	20.10.2020 – 22.10.2020	03	Department of Architecture & Planning, MITS, Gwalior	National
17	Ar. Shweta Singh	Building Materials & Recent Trends, MITS (National)	23.12.2020 - 24.12.2020	02	Department of Architecture & Planning, MITS, Gwalior	National
18	Ar. Versha Sinha	Universal Design, MITS, Gwalior	07.08.2020-9.08.2020	03	Department of Architecture & Planning, MITS, Gwalior	National
19	Ar. Versha Sinha	Architecture & future: A rising concern & way forward, ACEDGE (National)	20.10.2020 – 22.10.2020	03	Department of Architecture & Planning, MITS, Gwalior	National



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20	Ar. Versha Sinha	Building Materials & Recent Trends, MITS (National)	23.12.2020 - 24.12.2020	02	Department of Architecture & Planning, MITS, Gwalior	National
21	Ar. Ankit Kumar	Universal Design, MITS, Gwalior	07.08.2020-9.08.2020	03	Department of Architecture & Planning, MITS, Gwalior	National
22	Ar. Ankit Kumar	Architecture & future: A rising concern & way forward, ACEDGE (National)	20.10.2020 – 22.10.2020	03	Department of Architecture & Planning, MITS, Gwalior	National
23	Ar. Ankit Kumar	Building Materials & Recent Trends, MITS (National)	23.12.2020 - 24.12.2020	02	Department of Architecture & Planning, MITS, Gwalior	National
24	Pl. Apurva Tomar	Universal Design, MITS, Gwalior	07.08.2020-9.08.2020	03	Department of Architecture & Planning, MITS, Gwalior	National
25	Pl. Apurva Tomar	Architecture & future: A rising concern & way forward, ACEDGE (National)	20.10.2020 – 22.10.2020	03	Department of Architecture & Planning, MITS, Gwalior	National
26	Pl. Apurva Tomar	Building Materials & Recent Trends, MITS (National)	23.12.2020 - 24.12.2020	02	Department of Architecture & Planning, MITS, Gwalior	National

### 16. ACADEMIC ACTIVITIES ATTENDED (TEACHERS ATTENDING PROFESSIONAL DEVELOPMENT PROGRAMMES, VIZ., ORIENTATION PROGRAMME, REFRESHER COURSE, SHORT TERM COURSE, FACULTY DEVELOPMENT PROGRAMMES)

S. No.	Title of the Professional Development Programme	Name of Teachers who Attended	Total Number of Teachers who Attended this Programme	Date(s)	Duration	Level
<b>Civil Engineering</b>						
1	TEQIP-III Sponsored Online Faculty Development Programme on “Recent Developments in Environmental	Prof. Mohit Aggarwal	01	15th - 19th September, 2020	05 Day	National



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	Engineering (RDEE-2020) organized by Department of Civil Engineering, Veer Surendra Sai University of Technology, Burla					
2	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	Prof. Mohit Aggarwal	01	21st-25th September 2020	05 Day	National
3	One week STC on "Prospects of future research in Structural and Geotechnical Engineering organized by Dr. B R Ambedkar National Institute of Technology, Jalandar	Prof. Mohit Aggarwal, Dr. Pankaj Kumar	02	7 Sep -11 Sept, 2020	05 Day	National
4	NPTEL 12 Week course on "Integrated Waste management for a Smart City organized by IIT Kharagpur	Prof. Deepak Rastogi	01	From 14 September 2020	12 Weeks	National
5	ATAL Online FDP on Design of Earthquake Resistant Structures under the thrust area of Earthquake Engineering	Dr. Pankaj Kumar	01	21st - 25th September 2020	05 Day	National
6	Coursera - Programming for Everybody (Getting Started with Python)	Prof. Nupur Verma	01	29.08.2020	01 Day	National
7	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.	Prof. Mohit Aggarwal	01	26th to 30th September, 2020	05 Day	National
<b>Mechanical Engineering</b>						
1	3D Printing & Design, Organized by	Dr. Amit Aherwar	01	Dec 07th-11th, 2020	05 days	National



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	Atal					
2	Green Technology & Sustainability Engineering, Organized by Atal	Dr. Amit Aherwar	01	Sep 21st-25th, 2020	05 days	National
3	Tribology & Sustainability	Dr. Amit Aherwar	01	Aug 24th-28th,	05 days	National
4	Tribology For Sustainable Development	Dr. Amit Aherwar	01	July 20th-24th, 2020	01 week	National
5	Digital Manufacturing & Design, by Coursera	Dr. Amit Aherwar	01	Jul, 3rd, 2020	02 week	International
6	3d Printing & Design By Iit Hyderabad	Mr. Dhruv Maggu	01	November 28 – December 02, 2020	01 week	National
7	Modeling And Simulation of Structural Mechanics and CFD Analysis using Matlab and ANSYS BY SJCE, Mysuru, in Association with Mentee Institution, MLV Textile & Engg. College, Bhilwara	Mr. Dhruv Maggu	01	24th-28th August 2020	01 week	National
8	3d Printing & Design (By Atal at IIT Dharwad)	Mr. Sharad Agrawal	01	09 Nov-13 Nov,2020	05 days	National
9	Tribology In Design & Manufacturing (By Atal at IIT Jammu)	Mr. Sharad Agrawal	01	23 Nov-27 Nov,2020	05 days	National
10	Disaster Risk and Modelling	Mr. Sharad Agrawal	01	13-17 July, 2020	05 days	National
11	Disaster Risk and Modelling	Dr.Jyoti Vimal	01	13-17 July, 2020	05 days	National
12	Industry 4.0 and Smart Manufacturing: Opportunities and Challenges”	Dr.Jyoti Vimal	01	20-24 July 2020	05 days	National
13	Reliability, Maintainability and Quality Issues in Process Industries”	Dr.Jyoti Vimal	01	04-08 Aug. 2020	05 days	National
14	Design Thinking (By Atal at MNIT Jaipur)	Dr.Jyoti Vimal	01	21 Sept-25 Sept 2020	05 days	National
15	Tribology in Design & Manufacturing (By ATAL at IIT Jammu)	Dr.Jyoti Vimal	01	23 Nov-27 Nov,2020	05 days	National
16	Industry 4.0 and Smart Manufacturing: Opportunities and Challenges”	Vedansh Chaturvedi	01	20-24 July 2020	05	National
17	Disaster Risk and Modelling	Vedansh Chaturvedi	01	13-17 July 2020	05	National
18	“Reliability, Maintainability and Quality Issues in Process Industries”	Vedansh Chaturvedi	01	04-08 Aug. 2020	05	National
19	3D Printing & Design	Vedansh Chaturvedi	01	09-13 Nov. 2020	05	National



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20	Tribology in Design and Manufacturing	Vedansh Chaturvedi	01	23-27 Nov 2020	05	National
21	Biomedical Instrumentation & IOT Organized Organized by Atal (AICTE)	Vaibhav Shivhare	01	21-25 Sep 2020	05	National
22	Online Faculty Development Programme on ANSYS	vaibhav Shivhare	01	17-21 Sep 2020	05	National
23	Introduction to Non-Linear Finite Element Method Organized By IITD	Vaibhav Shivhare	01	01-05 Dec 2020	05	National
24	Robotics By Atal Academy	Gyanesh Sharan	01	24 Aug-28 Aug 2020	01 Week	National
25	Autodesk Fusion 360 Integrated CAD/CAM/CAE	Gyanesh Sharan	01	15/07/2020	04 Week	International
26	How to Define Research Problems and Solving Methods in Sustainable Design, Manufacturing and Energy Engineering	Puneet Kumar Nema	01	24th–28th August, 2020	01 Week	National
27	NEMS Technologies : Modern Interdisciplinary Approach in Engineering	Puneet Kumar Nema	01	17th - 21st August 2020	01 Week	National
28.	FEM using Ansys	Vaibhav Gupta	01	04/08/2020 to 09/08/2020	01Week	National
29	12th Summer School in Tribology	Dr. Dharmendra Jain	01	21-25 July2020	01 week	National
30	Introduction to Tribology and Surface Engineering	Dr. Dharmendra Jain	01	17-22 Aug. 2020	01 week	National
31	Tribology of Machine Componentsand Applied Tribology	Dr. Dharmendra Jain	01	14-19 Sep. 2020	01 week	National
32	Introduction to Special Topics Like- Nanotribology, Biotribology, Space Tribology, Biomimetics and Tribology in Industry	Dr. Dharmendra Jain	01	12-17 Oct.2020	01 week	National
33	Recent Trend in Mechanical Engineering	Dr. Dharmendra Jain	01	07-11 Sep. 2020	01 week	National
34	Modelling and Simulation of Structural Mechanics and CFD Analysis using Matlab and Ansys	Dr Amrat Kumar Dhamneya	01	24th-28th August 2020	01 week	National
35	Futuristic Techniques in Maintenance and Manufacturing Systems	Dr Amrat Kumar Dhamneya	01	26-30 November 2020	01 week	National
36	Computational Fluid Dynamics	Dr. C. S. Malvi	01	28 Dec-30 Dec 2020	3 Days	National



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37	Artificial Intelligence and Machine Learning	Mr. Narendra Singh Sikarwar	01	14-24 December 2020	02 weeks	National
38	Refrigeration and Air Conditioning	Mr. Narendra Singh Sikarwar	01	Sep-Nov 2020	08 weeks	National
<b>Electrical Engineering</b>						
1	e-FDP on "Renewable Energy for Sustainable Development: Opportunities and Challenges"	Ms. Bhavna Rathore	01	8-12 September 2020	5 days	National
2	e-FDP on "Green Technology and Sustainability Engineering (GTSE)"	Ms. Bhavna Rathore	01	14-18 September 2020	5 days	National
3	e-FDP on "Renewable Energy Application in Smart Grid, Micro Grid and EVs (REASGMGEV-2020)"	Shweta Kumari, Aprajita Kumari, Ms. Bhavna Rathore	03	13-17 July 2020	5 days	National
4	e-FDP on "Robotics & Control" (RoboCon)-2020	Shweta Kumari Aprajita Kumari Shailendra Pratap Singh, Nipun Gupta	03	15-19 July 2020	5 days	National
5	e-FDP on "Smart Technologies in Energy Scenario"	Shweta Kumari		10-14 Aug 2020	5 days	National
6	e-FDP on "Python and Emerging Trends in Machine Learning"	Shailendra Pratap Singh, Rahul Sagwal	02	13-17 July 2020	5 Days	National
7	e-FDP on "Recent Research Trends in Electrical Engineering"	Shailendra Pratap Singh, Rahul Sagwal	02	14-18 July, 2020	5 Days	National
8	Online short term course on "Technology challenges & opportunities in COVID-19 outbreak"	Shweta Kumari Aprajita Kumari	02	06-10 July 2020	5 days	National
9	TEQIP Phase III sponsored three days National Faculty Development Programme Webinar on "Grid Integration of Hybrid Renewable Energy" hosted by Department of Electrical Engineering, Dumka Engineering College in collaboration with Jadavpur University, Kolkata	Dr. Shishir Dixit	01	June 29, 2020 to July 01, 2020.	3 days	National
10	One week FDP on Recent Trends in	Dr. Shishir Dixit	01	July 14-18, 2020	5 days	National



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	Electrical Engineering organized by School of Electrical Engineering, Gautam Buddha University, Greater Noida					
11	National Level online Industrial Training Program on “Future Scope of Engineering in Global Development” organized by Department of Electronics and Communication Engineering, Velalar College of Engineering and Technology, Erode, Tamilnedu	Dr. Shishir Dixit	01	July 27-31, 2020	5 days	National
12.	Online Faculty Development Program on Emerging Techniques in Smart Power System: Challenges and Solutions conducted by the Department of Electrical Engineering, NIT Warangal	Dr. Shishir Dixit	01	August 24-28, 2020	5 days	National
13	Online Faculty Development Programme on “Renewable Energy: Research to Industry” organized by Department of EE, NIT Patna under Electronics and ICT Academy, NIT Patna, under the “Scheme of financial assistance for setting up of Electronics and ICT Academies” by the Ministry of Electronics and Information Technology (MeitY), Government of India.	Dr. Shishir Dixit	01	Aug 22– Sep 13, 2020	3 Weeks	National
14	AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" at Institute of Engineering and Technology Devi Ahilya University Indore.	Dr. Shishir Dixit	01	Sept-Nov, 2020	8 weeks	National
15	International Summit on Quality Indices in Higher Education organised by Delhi. Technological University, Delhi	Dr. Shishir Dixit	01	November 6-7, 2020	2 days	International



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16	AICTE Training And Learning (ATAL) Academy Online FDP on "Energy Engineering" at National Institute of Technology Agartala.	Dr. Shishir Dixit	01	November 23- 27 2020	One week	National
17	Online Faculty Development Programme on Stress and Anger Management organized by Jaipur Engineering College and Research Center, Jaipur	Dr. Shishir Dixit	01	December 15 -19, 2020	One week	National
18	NPTEL online FDP certificate course, Introduction to Smart Grid. 08 weeks conducted by IIT Roorkee	Dr. Shishir Dixit	01	Sep-Nov 2020	(8-weeks)	National
19	NPTEL FDP on Renewable Energy Engineering: Solar, Wind and Biomass Energy Systems,	Dr. Shishir Dixit	01	.January to March 2021	(8 weeks)	National
20	AICTE Training And Learning (ATAL) Academy Online FDP on "Sustainability Engineering" at Canara Engineering College.	Dr. Shishir Dixit	01	February 22-26,2021	One week	National
21	Three days National Faculty Development Programme Webinar on "Grid Integration of Hybrid Renewable Energy" hosted by Department of Electrical Engineering, Dumka Engineering College in collaboration with Jadavpur University, Kolkata	Dr Himmat Singh	01	June 29, 2020 to July 01, 2020.	03 days	National
22	Online FDP on "Electric Vehicles" at Hindustan Institute of Technology and Science.	Dr Himmat Singh	01	2020-11-2 to 2020-11-6		National
22	Two days online national workshop on "Internet of Things (IoT) & Data Analytics" organized by the Department of Computer Science & Engineering and Information Technology, MITS Gwalior	Dr Himmat Singh	01	October 23 - 24, 2020 under TEQIP-III		National



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23	Online short term training program "Recent Advances in Power Electronics & its Applications" sponsored by TEQIP-III organized by Department of Electrical Engineering, JEC, Jabalpur.	Dr Himmat Singh	01	September 22nd , 2020 to September 26th , 2020		National
24	Faculty Development Program on Opportunities and Challenges in Emerging Technologies of Electrical Power System organized by Department of Electrical Engineering, Jabalpur Engineering College, Jabalpur under the activity of Technical Education Quality Improvement Programme-III (TEQIP-III)	Dr Himmat Singh	01	September 7-11, 2020		National
25	One Week Faculty Development Programme (FDP) on "Pedagogical Techniques for Virtual Class Room"organized under the aegis of TEQIP- III Panjab University & DUIET, Dibrugarh University	Dr Himmat Singh	01	2nd to 6th September, 2020.		National
26	One Week Short Term Course on "Modern Tools and Techniques for Effective Research and Publications" organized by Department of Industrial & Production Engineering, Dr B R Ambedkar National Institute of Technology Jalandhar	Dr Himmat Singh	01	August 21, 2020 to August 25, 2020.		National
27	One Week Faculty Development Programme (FDP) on "Scheme of financial assistance for setting up of Electronics and ICT Academics"organized by Department of Electrical Engineering NIT-Patna	Prof A Patra	01	22-28 June 2020	07 days	National
28.	One Week Faculty Development Programme (FDP) on ,"Application of	Prof A Patra	01	14-18, September 2020	05 days	National



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	soft computing techniques in Engineering optimisation” at UIT-RGPV Bhopal					
29	One Week Short term training Programme,” Applied Computing” organised by Dept of computer science, MITS-Gwalior	Prof A Patra	01	09-13, November 2020	05 days	National
30	Five days online short term course on “Advancements in Optimization of power Generation Drives and control systems” held at EED, NIT-Hamirpur	Prof A Patra	01	16-20, November 2020	05 days	National
31	AICTE sponsored 6 days training program,” challenges and opportunities in IoT	Prof A Patra	01	23-28 November 2020	06 days	National
32	Online FDP on “Recent Trends in Intelligent Control Techniques for Renewable Energy Systems and Electric Vehicles” Department of Electrical Engineering, NIT Hamirpur (H.P.).	Dr. Vikram	01	12th – 16th October 2020	05 days	National
33	One Week Online Short Term Course on “Advanced Control Paradigms and Evolving Trends” (ACPET-2020) Organized by Department of Electrical Engineering, NIT, Kurukshetra	Dr. Vikram	01	October 26-31, 2020	06 days	National
34	Online FDP on “Control and Automation” Organized by Department of Avionics, IIST Thiruvananthapuram.	Dr. Vikram	01	15-18 December 2020	04 days	National
35	National Workshop Series on" Transition from traditional to blended learning: Challenges & Opportunities-II” Jointly conducted by MITS Gwalior MP and MRU Faridabad Haryana.	Dr. Vikram	01	30 January 2021	01 Day	National
36	One week online Short Term Course on “Emerging Trends in Power and Energy Systems”,Gautam Buddha university	Prof Tarun Shrivastava	01	24-28 August 2020	05 days	National



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	greater Noida UP					
37	One week online Short Term Training Program on “Post Covid Challenges in Teaching Learning” organized by Department of Electronics & Communication Engineering, Sagar Institute of Research & Technology, Bhopal	Prof Tarun Shrivastava	01	14- 19 September 2020.	06 days	National
38	Faculty Development Program (FDP) on “5G: Devices & Key Enable Technologies” Department of Electronics Engineering, MITS,Gwalior	Prof Tarun Shrivastava	01	19th-23th September 2020	05 days	Nationa
39	Short term course on “ Power Electronics and Control: Recent Advances” organized by Department of Electrical Engineering, Maulana Azad National Institute of Technology, Bhopal.	Prof Tarun Shrivastava	01	12th to 16th October 2020	05 days	National
40	Two days online national workshop on "Internet of Things (IoT) & Data Analytics" organized by the Department of Computer Science & Engineering and Information Technology MITS Gwalior	Prof Tarun Shrivastava	01	23 - 24, October 2020	2 days	National
41	One week STTP on “Computational Techniques” organised by Department of Electronics and Communication, Sagar Institute of Research and Technology, Bhopal	Prof Tarun Shrivastava	01	02nd - 07th November 2020.	06 days	National
42	Online FDP on “Advance Digital Pedagogy and ICT Tools: Challenges and Opportunities in Online Teaching” organized by the IIT Roorkee.	Prof Tarun Shrivastava	01	18- 22 November, 2020	05 days	National
43	One Week- Faculty Development Program on “Recent Innovations &	Prof Tarun Shrivastava	01	04 to 08 January, 2021	05 days	National



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	Technologies in Electrical Engineering” Electrical Engineering Department College, Jhalawar					
44	Short Term Course (with hands on training) on Data Analytics and Predictive Technology driven IOT based Smart Grid Infrastructure, organized by IIT (BHU) Varanasi	Saurabh Kumar Rajput	01	March 1-6, 2021	05 days	National
45	FDP on Recent Trends in Energy and Power System (RTEPS) GBU Greater Noida	Saurabh Kumar Rajput	01	19-23' October 2020	05 days	National
46	FDP on " Developing Academic Leaders for Quality HEI's"MDU Centre for Professional and Allied Studies	Dr Vijay Bhuria	01	05-09 June 2021	05 Days	National
47	AICTE Training And Learning (ATAL) Academy Online FDP on "Energy Engineering" NIT Agartala	Dr Vijay Bhuria	01	23-27 Nov 2021	05 Days	National
48	AICTE Training And Learning (ATAL) Academy Online FDP on "Electrical & Computer Engineering" NIT Raipur	Dr Vijay Bhuria	01	4-8 Jan 2021	05 Days	National
49	AICTE Training And Learning (ATAL) Academy Online FDP on "Electric Vehicles" NIT Pondicherry	Dr Vijay Bhuria	01	05-09 Oct 2020	05 Days	National
50	NPTEL on “ Advances in UHV Transmission and Distribution”	Dr Vijay Bhuria	01		08 Week	National
51	FDP on Research Orientation in Engineering with Effective Outcomes	Dr Vijay Bhuria	01	26-30 July 2020	05 Days	International
52	FDP on “ Mentoring Pedagogy and Teaching for Higher Education”E&ICT Academy IIT Guwahati	Dr Vijay Bhuria	01	03-10 August	07 Days	National
53	FDP on “ Transition to Blended Teaching and Learning” Rajashri School of Management and Technology Varanasi	Dr Vijay Bhuria	01	02-06 June 2020	05 Days	National
54	One Week Online FDP on “Power	Vishal Chaudhary	01	06th to 10th July 2020	05 Days	National



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	Quality And Reactive Power Management”, EED, DTU, New Delhi					
55	Online FDP on “Emerging Trends in Power and Energy System” organized by Electrical Engineering Department of GBU Greater Noida	Vishal Chaudhary	01	24th to 28th August 2020	05 Days	National
56	AICTE Training and Learning (ATAL) Academy Online FDP on "Energy Engineering" organized by National Institute of Technology Agartala	Vishal Chaudhary	01	23rd to 27th November 2020	05 Days	National
57	NPTEL FDP on Renewable Energy Engineering: Solar, Wind and Biomass Energy Systems	Vishal Chaudhary	01	January-March 2021	08 weeks	National
58	NPTEL FDP on “Advances in UHV Transmission and Distribution”	Vishal Chaudhary	01	September-November 2020	08 weeks	National
59	Three days National Faculty Development Programme Webinar on “Grid Integration of Hybrid Renewable Energy” hosted by Department of Electrical Engineering, Dumka Engineering College in collaboration with Jadavpur University, Kolkata	Dr A K Wadhvani, Dr Sulochana Wadhvani	02	June 29, 2020 to July 01, 2020.	03 days	National
60	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " Trends in Measurement and Control for System Automation" fat Birla Institute of Technology, Mesra.	Dr A K Wadhvani, Dr Sulochana Wadhvani	01	June 28,2021 to July 2, 2021	05 Days	National
61	TEQIP III sponsored online short-term course on “Noise and Vibration Monitoring of Mechanical Systems at IIT Indore	Dr A K Wadhvani, Dr Sulochana Wadhvani	02	29 October , 2020 to 31 October , 2020	03 Days	National
62	TEQIP III sponsored Short- term course on “Current Trends in Biomedical Signal and Image Processing” in the Department of Electrical Engineering at	Dr A K Wadhvani, Dr Sulochana Wadhvani	02	October 20, 2020 to October 22, 2020	03 Days	National



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IIT Indore.						
<b>Electronics Engineering</b>						
1	Recent Progress in Material Science and Engineering (STTP - RPMSE)	Shambhu Kumar	01	24-28 August 2020	5 Days	National
2	"Block chain"	Shambhu Kumar	01	31 August-4 September 2020	5 Days	National
3	"Sensors Technology"	Shambhu Kumar	01	21-25 September 2020	5 Days	National
4	DEEKSHARAMBH (Student Induction Program)"	Shambhu Kumar	01	21 - 25 September 2020	5 Days	International
5	ATAL FDP on "Sensors Technology"	Dr Karuna Markam, Prof. Pooja Sahoo, Dr. Vandana V. Thakare	03	01-05 October 2020	5 Days	National
6	"5G: Devices & Key Enable Technologies"	Santosh Sharma, Dr. R. P. Narwaria	02	19-23 September 2020.	5 Days	National
7	Electrodynamics: Electric and Magnetic Fields through COURSERA	Dr. Laxmi Shrivastava	01	13 August-15 September 2020	5 Weeks	International
8	ATAL FDP on "Photonics"	Deepak Batham	01	20-24 October 2020	5 Days	National
9	ATAL FDP on "Control Systems & Sensors Technology"	Praveen Kumar	01	21-25 September 2020	5 Days	National
10	TEQIP-III Sponsored Online One Week FDPon 5G: devices & Key Enable Technology	Madhav Singh	01	19 <sup>th</sup> – 23 <sup>rd</sup> September 2020	5 Days	National
11	NPTEL An introduction to coding theory	Pooja Sahoo, Karuna Markam, Vandana Vikas Thakre	03	September-November 2020	12 week	National
12.	Virtual Reality	Shambhu Kumar	01	01-10 December,2020	10 Days	National
13	Gender Sensitization at workplace	Pooja Sahoo, Karuna Markam, Vandana Vikas Thakre	03	27th- 28th October 2020	One week	National
14	Computational Methods in Signal Processing and Machine Learning	Dr. Rahul Dubey	01	14-19 Dec 2020	One Week	National
15	Artificial Intelligence Driven Biomedical Data Analysis for Disease Diagnosis	Dr. Rahul Dubey	01	09-10 Nov, 2020	02 Days	National
16	ATAL Academy Online FDP on	Dr. Laxmi Shrivastava	01	23-28 November,	One week	National



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	“Artificial Intelligence”			2020		
17	Emerging ICT trends towards Atmanibhar Bharat	Dr. Laxmi Shrivastava	04	28 – 30, December 2020	03 days	National
18	ATAL Academy Online FDP “Smart sensors and its applications”	Dr. Laxmi Shrivastava	01	04-08, January, 2021	05 days	National
19	Artificial intelligence, Blockchain and Internet of Things for 6G Communications	Dr. R. P. Narwaria, D K Parsediya	02	03-05 December 2020	03 days	National
20	Evaluation of RF Electromagnetics from Microwave to mmwave technologies	D K Parsediya	01	19-23 December 2020	05 days	National
21	NPTEL FDP course on Laplace transform	Dr. R. P. Narwaria, D K Parsediya	02	Set.- Oct 2020	4 weeks	National
22	NPTEL FDP course on Introduction to Coding Theory	Dr Laxmi Shrivastava, Dr Vandana V Thakare, Dr Karuna Markam, Pooja Sahoo	04	August-November 2020	12 Week	National
22	Online FDP on Gender Sensitization at workplace by BVB’s Sardar Patel College of Engineering, Mumbai	Dr. Karuna Markam, Pooja Sahoo	02	27th to 29th October 2020	One week	National
23	ATAL Online FDP on "Wireless Communication Technologies"	Dr. Laxmi Shrivastava	01	21-25 June, 2021	One week	National
<b>CSE</b>						
1.	FDP on Machine Learning with Python, Department of CSE, KKR & KSR Institute of Technology and Sciences, Guntur (A.P.)	Dr. Manish Dixit	01	13 - 18 July 2020	1 week	National
2.	Research Perspective in Futuristic Computing Technologies	Dr. R. K. Gupta	01	6-10 July – 2020	1 week	National
3.	Research and Innovation	Dr. R. K. Gupta	01	17-21 Aug 2020	1 week	National
4.	Research Orientations in Engineering with Effective Outcomes	Dr. R. K. Gupta	01	26 -30 July, 2020	1 week	National
5.	Applications of Image Processing	Julie Kumari	01	14-18 July 2020	5 days	National
6	AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber-Physical Systems"	Dr. Anshu Chaturvedi	01	2020-11-7 to 2020-11-11	one week	National



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7	Big Data Computing through NPTEL	Dr. Anshu Chaturvedi	01	Sep-Nov 2020	8-week	National
8	Joy of Computing through NPTEL	Dr. Anshu Chaturvedi	01	Sep-Dec 2020	12-week	National
9	“Emerging ICT Trends Towards Atmanirbhar Bharat ”	Dr Manish Dixit	01	28-30 Dec2020	3 Days	National
10	Insight Into Data Science	Amit Kumar Manjhvar	01	23 July 2020 to 24 July 2020	2 Days	National
11	Soft Computing Techniques in Engineering Applications	Dr. Parul Saxena	01	10th-16th August	7 Days	National
12	Leadership and Excellence	Dr. Parul Saxena	01	23/11/2020 to 27/11/2020	5 Days	National
13	Internet of Things	Dr. Parul Saxena, Hemlata Arya	01	14/11/2020 to 18/11/2020	5 Days	National
14	Software Engineering Through NPTEL	Dr. Parul Saxena	01		Sep-Dec 2020	National
15	Future Skills training on AI & ML	Arun kumar	01	20th -27th Nov 2020	7 Days	National
16.	Future Skills training on INTERNET OF THINGS (IoT)	POOJA AGRAWAL	01	7 Dec-11 Dec 2020	5 Days	National
17.	ATAL FDP on Data Sciences at IIIT Allahabad	Dr. R.S. Jadon	01	09/10/20 to 13/10/20	5 Days	National
18.	FDP on AI and ML at Finland Lab IIT Roorkee	Dr. R.S. Jadon	01	31/05/2021 to 11/06/2021	10 Days	National
19.	FDP on Database Management Systems NPTEL	Dr. Parul Saxena	01	Jan to March 2021	03 Month	National
20.	ATAL FDP on Information and Cyber Security	Sneha Garg	01	14/06/2021 to 18/06/2021	5 Days	National
21.	ATAL FDP on Recent Trends In Digital Image Processing	Ankita sengar	01	7th june-11th june	5 Days	National
22.	Computational Intelligence Techniques for Machine Learning	Lav Upadhyay	01	31 Aug - 5 Sept 2020	24 Hours	National
23.	ATAL FDPon IoT & Cyber Security	Pooja Agrawal	01	21-25 June 2021	5 Days	National
24.	ATAL FDP on " Smart Sensors Based Industrial Automation and Healthcare Technology	Pooja Agrawal	01	7-11 June 2021	5 Days	National
25.	ATAL FDP on " Blockchain	Pooja Agrawal, Aishwarya	02	14-18 June 2021	5 Days	National



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Chemical Engineering						
1	Green Technology & Sustainability Engineering, Punjab Engineering College	Prof. Swati Gupta	100	05-10-2020 to 09-10-2020	1 Week	National
2	“5R’s For sustainable waste plastic management: Fundamentals and Technology Advance, IIT Roorkee	Prof. Swati Gupta	35	22.02.21 to 26.02.21	1 Week	National
3	Bio MEMS & Microfluidics	Prof. Anish P. Jacob	82	Sept - Nov 2020	8 Weeks	National
4	Fundamentals of Artificial Intelligence	Prof. Anish P. Jacob	437	Sept - Dec 2020	12 Weeks	National
5	Introduction to Glass Science & Technology (FDP, IIT Kharagpur)	Dr. Rakesh Kumar Dubey	53	14-18 Dec 2020	1 Week	National
6	Advances in Fatigue, creep, fracture and failure analysis of materials (FDP, IIT Indore)	Dr. Rakesh Kumar Dubey	84	07-11 Dec 2020	1 Week	National
7	Energy Engineering (ATAL, FDP, IIT Roorkee)	Dr. Rakesh Kumar Dubey		23-27 Nov 2020	1 Week	National
8	Sustainable Design of Chemical Process Plants by Using ASPEN PLUS and ASPEN HYSYS Simulating Tools (STC, VIT Vellore)	Prof. Sulochana Nagar	56	21-26 Sept 2020.	1 Week	International
9	Natural Gas Engineering (NPTEL, FDP)	Prof. Sulochana Nagar	135	Sept-Nov-2020	8 Week	National
10	Green Technology & Sustainability Engineering (ATAL, FDP, NIT Raipur)	Prof. Sulochana Nagar	90	8-12 Dec, 2020	1 Week	National
11	Green Technology & Sustainability Engineering (FDP, NIT Raipur)	Dr. Rakesh Kumar Dubey	90	8-12 Dec, 2020	1 Week	National
12	STC on Emerging ICT Trends Towards Atmanirbhar Bharat	Prof. Swati Gupta	Almost 90	28-30 December	3 Days	National
13	ATAL FDP on Green Technology & Sustainability Engineering	Prof. Swati Gupta	100	05-10-2020 to 09-10-2020	5 Days	National
IT						
1	AICTE Training and Learning (ATAL) Academy FDP on Medical Image Processing and Deep Learning Technologies"	Punit Kumar Johari	01	21- 25 Sep 2020	One Week	National
2	Machine Learning With Python	Punit Kumar Johari	01	13- 18 July 2020	One	National



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					Week	
3	Research Perspective in Futuristic Computing Technologies	Punit Kumar Johari, Neha Bhardwaj	02	6-10 July 2020	One Week	National
4	Post Pandemic Scenario Building using AI, ML and Optimization Techniques	Neha Bhardwaj	01	10-14 July 2020	One Week	National
5	Data Science	Abhilash Sonker	01	7th September - 11 September	One Week	National
6	Wipro certified faculty program	Namrata Agrawal	01	31st August- 18 September, 2020	19 Days	National
7	Data Science and Analytics	Vishwas Srivastava, Abhishek Dixit	02	11-23 January, 2021	13 Days	National
8	AICTE Training and Learning (ATAL) Academy FDP on Internet of Things (IoT)	Vikas Sejwar	01	01-05 Feb 2021	One week	National
9	Industrial Training on Artificial Intelligence & Machine Learning Using Python from Revert Technology Pvt. Ltd.	Vikas Sejwar	01	31 May-11 June 2021	Two Weeks	National
10	Cyber Security and Cyber Forensics	Shweta Patel	01	09-12 June 2021	One Weeks	National
11	Object Oriented Data Structures in C++	Namrata Agrawal	01	1 May-27 May, 021	Four Weeks	Coursera
12	Programming for Everybody (Getting Started with Python )	Namrata Agrawal	01	8 May- 29 June	Seven Weeks	Coursera
<b>MAC</b>						
1	Computational Intelligence and its Applications” -2020, under TEQIP-III held on organized by Department of Electrical Engineering and Department of Management Studies Engineering College, Ajmer.	Dr. V P Shinde, Dr. D K Jain, Dr. Jitendra Kumar	03	19-23 October 2020	FDP One week e-STTP	
2	Online NPTL Courses of 12 weeks) on ‘Introduction to methods of Applied Mathematics’ by IIT Kharghpur	Dr. D K Jain, Dr. Santosh KumarBhardwaj	02	Sep-Dec., 2020	FDP 1.5 weeks	
3	Online NPTL Courses of 8 weeks on	Prof. Prabhakar	01	Sep.-Nov. 2020	-	



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	'Introduction to Programming in C'	Sharma'				
4	AICTE sponsored Training Programme on "Applied Computing" organised by Department of Computer Science & Engineering and Information Technology, MITS, Gwalior	Prof. Angad Singh Ojha	01	09 – 13 November 2020	FDP One-week e-STTP	
5	Participated in AICTE Training and Learning (ATAL) Academy Online FDP on 'Internet of Things (IoT)' , Indian Institute of Technology Goa	Prof. HemlataArya	01	14-18 November 2020	One Week FDP	
6	Online Short-term Training Programme entitled" ComputationalTools for Research in Science and Technology 2021" organized by <i>Department of Mathematics and Department of Statistics, Amity Institute of Applied Sciences, Amity University, U.P.</i>	Dr. Jitendra Kumar Dr. S.K. Bharadwaj	02	24-29,May 2021	One Week FDP	
7	Online Short-term Training Programme Course entitled" <i>Emerging Trends, Issues and Challenges in Next Generation Technology</i> " organized by Faculty of Engineering and Technology, Rama University, Kanpur	Dr. S.K. Bharadwaj	01	20-24, July, 2020.	One Week	
8	Online Short-term Training Programme Course (Sponsored by A.I.C.T.E. New Delhi) entitled" <i>Matlab Statistics and Data Science</i> " organized by <i>Department of Applied Science, Sagar Institute of Research and Technology, Bhopal</i>	Dr. Jitendra Kumar Dr. S.K. Bharadwaj	02	27 July to 01 August 2020.	FDP	
9	Implementation of National Education Policy 2020 in Higher Education, organized by Bundelkhand University, Jhansi	Dr. Jitendra Kumar	01	17- 23 March, 2021	Seven Day Refresher Course	
10	<i>Modern Cryptography, Blockchain&amp;IoT</i>	Dr. Jitendra Kumar	01	23rd to 27th March	FDP	



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	<i>Security: Challenges, Solution and Future Prospects (MCB-IoTs)-2021</i> , organized by RGPV, under TEQIP-III in association with Department of Computer Science Engineering, UIT-RGPV & IEEE Student Branch, RGPV, Bhopal.			2021		
<b>Humanities</b>						
1	Annual Refresher Programme In English Language Teaching, organized by ARPIT-SWAYAM	Umesh Guramwar	01	16 Aug2019 to 16 February 2020	24 Weeks	National
2	Language and Literature: A Pragmatic Approach, organized by department of English VET Institute of Arts and Science, Erode.TN	Umesh Guramwar	01	20-26 July 2020	One Week	International
3	Evolution from Offline to Online Teaching, organized by Satish Pradhan Dyanasadhan College, Thane in association with University of Mumbai	Umesh Guramwar	01	30May to 03 June 2020	One Week	National
4	Speaking English professionally: In person, online and on the phone, conducted by Institute of Georgia Institute of Technology, USA, offered on Coursera	Umesh Guramwar	01	01 May to 06 June 2020	6 Weeks	International
5	Introduction to Brain & Behaviour on the SWAYAM platform	Umesh Guramwar	01	Jan-April 2020	08 Weeks	National
6	Feminism Concepts and Theories on the SWAYAM platform	Umesh Guramwar	01	Jan-April 2020	12 QWeeks	National
7	Annual Refresher Programme In English Language Teaching, organized by ARPIT-SWAYAM	Dr.Garima Singh Baghel	01	16 Aug2019 to 16 February 2020	24 Weeks	National
8	Language and Literature: A Pragmatic Approach(FDP),o organized by department of English VET Institute of Arts and Science, Erode.TN	Dr.Garima Singh Baghel	01	20-26 July 2020	One Week	National



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9	Evolution from Offline to Online Teaching(FDP), organized by Satish Pradhan Dyanasadhan College, Thane in association with University of Mumbai	Dr Garima Singh Baghel	01	30May to 03 June 2020	One Week	National
10	English Literature for Competitive Exam on SWAYAM platform	Dr Garima Singh Baghel	01	Jan-March 2020	08 Weeks	National
11	Enhance Soft Skills and Personality (FDP) on SWAYAM platform	Dr Garima Singh Baghel	01	Feb-April 2020	08 Weeks	National
12	Romanticism	Sanjeev Khanna	01	Jan to June 2020	08 Week	National
13	Literary Theory and Criticism	Sanjeev Khanna	01	Jan to June 2020	08 Week	National
14	Psychology of Language, SWAYAM/ NPTEL FDP	Garima Singh Baghel	01	Feb 2021 April 2021	08 Week	
15	Aspects of Neurolinguistics SWAYAM/ NPTEL FDP	Valiur Rahaman	01	July-Dec 2020	08 Week	
16	Brain & Behaviour SWAYAM/ NPTEL FDP	Valiur Rahaman	01	July-Dec 2020	08 Week	
<b>Applied Science</b>						
1	Recent Trends and Opportunities in Science and Technology, FDP	Deobrat Singh	01	27-31 July, 2020	One week	
2	Short term Course Advances in High Energy Physics-2020	Deobrat Singh	01	18-22 SEP 2020	One week	
3	Short term Course Technological Challenges & Opportunities in COVID-19 Outbreak	Deobrat Singh	01	6-10 Jul 2020	One week	
4	Short term Course Current Trends in Condensed Matter Physics-2020	Deobrat Singh	01	25-29 SEP 2020	One week	
5	Faculty Development Programme on “Recent Trends and Opportunities in Science and Technology’ organised by Amity University	Dr. Hansnath Tiwari	01	27th to 31st July	1- week	National
6	AICTE Sponsored Faculty Development Programme on “Pedagogical Techniques for Virtual Class Room” Organized by Dr.	Dr. Hansnath Tiwari	01	2nd to 6th Sep. 2020	1- Week	National



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	SSBUICET, Panjab University & DUIET, Dibrugarh University					
7	Effective Teaching Pedagogy	Dr. Hansnath Tiwari	01	20 to 22 July 2020	03 Days	National
8	Effective Teaching Pedagogy	Dr. Anjula Gaur	-	20-22 July 2020	03 Days	National
9	Applications of Advance Scientific Instrumentation with Entrepreneurship Guidance	Dr. Abhay Mishra	02	20-27 July	One week	National
10	Applications of Advance Scientific Instrumentation with Entrepreneurship Guidance	Dr. S.Bhattacharya	-	20-27 July	One week	National
11	Challenges and Opportunities in Designing Nanoarchitectonics of Nanoporous Carbon Materials for Industrial Applications	Dr. Anjula Gaur	01	16-20th September, 2020	05 Days	National
<b>Architecture</b>						
1	Housing for all : Affordable and Rental Housing the Way Forward	Dr. S. S. Jadon	150 More Than	26.08.2020	1 Days	National
2	NPTEL Disaster Recovery and Build Back Better - Online	Dr. S.S. Jadon			4 Week	
3	NPTEL Integrated Waste Management For A Smart City - Online	Dr. S.S. Jadon			4 Week	
4	AICTE Sponsored ATAL FDP Design Thinking at Kkwagh Institute of Engineering Education and Research.	Dr. Anjali S. Patil		2020-9-21 To 2020-9-25	01 Week	
5	ARPIT Course –(Swayam) Skills for New Educational Architecture	Dr. Anjali S. Patil		15.09.2020	16 Weeks	
6	MOOC - Communication Skills And Personality Development	Dr. Anjali S. Patil	01	27.07.2020 to 23.08.2020	04 Weeks	
7	NPTEL- Role of Craft and Technology in Interior Architect	Dr. Anjali S. Patil		Aug-Oct 2020	8 Weeks	
8	NPTEL- Structure, Form, and Architecture the Synergy	Dr. Anjali S. Patil		Jan March 2020 Appeared in Dec. 2021	8 Weeks	
9	AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Design Thinking" At Gyan Ganga	Dr. S.S. Jadon		From 2021-06-01 to 2021-06-05	5 Days	



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	Institute of Technology and Sciences.					
10	NPTEL Building Material & Composites	Prof. Versha Sinha		Sep to Nov. 2020	8 Weeks	
11	NPTEL Building Material & Composites	Prof. Versha Sinha		Sep to Nov. 2020	8 Weeks	
12	FDP on Outcome Based Education (OBE) and Accreditation Processes	Prof. Versha Sinha		June 17 - 19, 2021	3 Days	
13	OA TRC, Online Training Program on Research Methodology	Prof. Geetika Jha		18.6.21.-21.6.21	4 Days	

**17. NUMBERS OF FACULTY PARTICIPATION IN SEMINARS/CONFERENCES AND SYMPOSIA (SUMMARY)**

Items	Total No. of Faculty	International level	National level	State level	Local level
Conducted Workshops	33	1	8	0	12
Conducted Conferences	2	2	0	0	0
Conducted Seminars	2	0	0	0	2
Conducted Webinar	10	0	5	0	1
Conducted PDP/STC/FDP	6	0	6	0	0
Attended Workshops	56	1	89	0	8
Attended Conferences	16	14	4	0	0
Attended Seminars	5	3	7	0	0
Attended Webinar	62	9	96	5	12
Attended STTP/PDP/OP/RC/STC/FDP	128	5	154	3	1
Presented papers	13	11	0	0	0
Resource Persons	29	4	54	5	14



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Experts in Committee	17	13	24	13	2
Expert Lectures	23	0	40	3	8
Keynote Address	6	2	3	0	2
Invited Talk	14	1	0	0	0
Reviewers of Journals	18	54	2	0	0
PC Member/Organizing Committee Member	10	4	3	0	3
Any Other	4	12	2	0	0
<b>Total</b>	<b>454</b>	<b>136</b>	<b>497</b>	<b>29</b>	<b>65</b>

### 18. TEACHERS AWARDED NATIONAL/INTERNATIONAL FELLOWSHIP FOR ADVANCED STUDIES/RESEARCH

	Name of the Teacher Awarded the Fellowship	Name of the Award	Date of Award	Awarding Agency
<b>National</b>	NIL			
<b>International</b>	NIL			

### 19. HONOURS AND RECOGNITIONS RECEIVED BY TEACHERS (RECEIVED AWARDS, RECOGNITION, FELLOWSHIPS AT STATE, NATIONAL, INTERNATIONAL LEVEL FROM GOVERNMENT, RECOGNISED BODIES)

Year of Award	Name of Full Time Teachers Receiving Awards from State Level, National Level, International Level	Designation	Name of the Award, Fellowship, Received from Government or Recognized Bodies
<b>Electrical Engineering</b>			
2020	Prof. Praveen Bansal	Assistant Professor	Best SPOC Award for Instrumental role in NPTEL Local chapter
2021	Prof. Vishal Chaudhary	Assistant Professor	ISTE Students' Chapter MITS
2021	Prof. Vishal Chaudhary	Assistant Professor	Holistic Health Club MITS
2020	Dr. Vikram	Assistant Professor	Topper in NPTEL Course in Nonlinear Adaptive control
<b>Electronics Engineering</b>			
2020	P.K.Singhal	Professor	Chairman, IETE Bhopal Center
2021	Dr. Laxmi Shrivastava	HOD	Highest AEI Administrative Efficiency Index
2021	Dr. Vikas Mahor	Assistant Professor	Highest FFI Award
2021	Prof. Pooja Sahoo	Assistant Professor	Appreciation for Topper in NPTEL



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2021	Prof. Pooja Sahoo	Assistant Professor	Appreciation for Top Performing Club
2021	Dr. Vandana Vikas Thakare	Associate Professor	Appreciation for Top Performing Chapter

### 20. ACADEMIC ACTIVITIES ATTENDED (PROFESSIONAL DEVELOPMENT/ADMINISTRATIVE TRAINING PROGRAMMES FOR TECHNICAL AND ADMINISTRATIVE STAFF )

Year	Title of the Professional Development Programme Organised for Technical Staff	Title of the Administrative Training Programme Organised for Administrative Staff	No. of Participants (Technical Staff)	No. of Participants (Administrative Staff)	Date(s)	Duration
<b>Electronics Engineering</b>						
2021	A Workshop on hands-on Excel and simulation software		14	10	25-26 June 2021	2 days
<b>IT</b>						
2020	Embedded and IoT Based Real Time Project Development using Arduino and MIT App Inventor	-	1	-	10-07-21	1 day
2020	Internet of Things (IoT) & Data Analytics	-	1	-	23/10/2020 to 24/10/2020	2 days
2021	Hands-on Excel and Simulation Software	-	2	-	25/06/2021 to 26/06/2021	2 days
2021	Python Programming Using Google Colab: An Online Tool	-	2	-	27/06/2021 to 28/06/2021	2 days

### 21. MEMBERSHIP OF PROFESSIONAL SOCIETY CHAPTERS

S.No.	Name of Faculty	Professional Society	Membership Grade (LM, Fellow, etc.)
<b>Civil Engineering</b>			



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1	S.K. Jain	ICI, ISTE, IE(INDIA), ISET, ISWE, ISCMS	LM - 4963, LM - 13505, AM - 1202874, LM - 880, LM - 337, LM - 526
2	A. K. Agrawal	IWWA	LM - 526
3	Mohit Aggarwal	IWWA	SM-2520
4	Chetan Sharma	Indian Geotechnical Society	LM
5	Archana Tiwari	ICI	LM – 006373
<b>Mechanical Engineering</b>			
1	Dr. Manish Kumar Sagar	IEI, IIIE, POM	LM, SM, Member
2	Dr. Pratesh Jayaswal	IET, ISTE, IEI	LM, LM, LM
3	Dr. Manoj Kumar Gaur	IET, ISTE, IEI, SAE	LM, LM, LM, LM
4	Dr. Chandra Shekhar Malvi	IET, IEI, ISTE, ISES, STEMNET, SNTET, GMS, IP	LM, AM, LM, AM, AM, LM, AM, AM
5	Prof. Rajendra Prasad Kori	IET	LM
6	Prof. Vedansh Chaturvedi	IET	LM
7	Dr. Jyoti Vimal	IET	LM
8	Prof. Sharad Agrawal	IET	LM
9	Rof. Vaibhav Shivhare	IET, SAE	LM, LMP
10	Dr. Amit Aherwar	IET, TMS, IAE	LM, LM, LM
11	Dr Amrat Kumar Dhamneya	IEI	AM
<b>Electrical Engineering</b>			
1	Dr.Laxmi Srivastava	(1) IEEE, (2) Indian Society for Technical Education (ISTE) (3) Institution of Electronics & telecommunication Engineers (IETE) (4) Computer Society of India (CSI) (5) Institution of Engineers, IE(I) (6) Indian Women Scientist Association (IWSA) (7) IET (UK)	(1) Senior Member(40151020) (2) LM(LM8161) (3) LM (M126891) (4) LM(400025) (5) Fellow(F-110710-7) (6) LM (2717)
2	Dr.Manjaree Pandit	(1) IEEE (2) Indian Society for Technical Education (ISTE) (3) Institution of Electronics and Telecommunication Engineers (IETE) (4) Institution of Engineers (IE, India) (5) IET (UK)	(1) Senior Member (2) LM (3) Fellow (4) Fellow (5)Member
3.	Dr. Arun Kumar Wadhvani	(1) IEEE (2) Indian Society for Technical Education (ISTE)	(1) LM (2) Fellow



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		(3) Institution of Electronics and Telecommunication Engineers (IETE) (4) Institution of Engineers (IE, India) (5) Member IET	(3) Fellow
4.	Dr. Sulochana Wadhvani	(1) Indian Society for Technical Education (ISTE) (2) Institution of Electronics and Telecommunication Engineers (IETE) (3) Institution of Engineers (IE, India) (4) Member IET	(1) LM (2) Fellow (3) Fellow
5.	Prof. Ashish Patra	1. Institution of Engineers (IE, India) 2. Institute of Engineering and Technology	LM No. 9302 (Institute of Engineers) Membership no: 110052612
6.	Dr. Hari Mohan Dubey	(1) Indian Society for Technical Education (ISTE) (2) Institution of Electronics & telecommunication Engineers (IETE) (3) Member of IEEE (4) Member IE (India) (5) Member IET(uk)	(1) LM (2) AM  (3) Member (4) Member (5) Member
7.	Dr. Shishir Dixit	(1) ISTE (2) IET (3) IEEE (4) IETE (5) IE(I)	(1) LM (2) Member (3) Senior Member (4) Fellow (5) Fellow
8.	Prof. Rakesh Narvey	(1) IET	Member
9.	Prof. Himmat Singh	(1) IET	Member
10.	Dr. Vijay Bhuria	(1) Member ISTE (2) Member ISTD (3) Member IET	LM 78999 AM AM (70724636)
12	Prof. Kuldeep K. Swarnkar	(1) Member IET (2) Member IETE (3) Member IaENG	AM LM AM
13	Prof. Praveen Bansal	(1) Member IET (2) Member IETE	-
14	Prof. Vishal Chaudhary	(1) Member of Indian Society for Technical Education (2) Member of IEEE (3) Member IET	-



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		(4) Member of IETE	
15	Prof. Bhavna Rathore	(1) IEEE Membership (USA) (2) IEEE Power & Energy Society Membership (3) IEEE Industry Applications Society Membership (4) IEEE Women in Engineering Membership (5) IEEE Young Professionals	Graduate Member Member Member Member Member
16	Dr. Vikram	(1) IEEE Membership (USA) (2) IEEE Young Professionals (3) Society of Industrial and Applied Mathematics (SIAM), Philadelphia, USA. (4) SIAG on Control & Systems Theory (5) International Association of Engineers (IAENG), Hong Kong	Graduate Member Member Graduate Member  Member Member
<b>Electronics Engineering</b>			
1	Dr. Laxmi Shrivastava	IETE CSI IEI	Fellow Life Member Associate Member
2	Dr Karuna Markam	IETE ISTE IEI IAENG	Fellow Life Membership Associate Member Life Membership
3	Pooja Sahoo	IEI IETE IAENG	Associate Member Life Membership Life Membership
4	Vandana Vikas Thakare	IETE ISTE IEI AeSI	Fellow Life Member Fellow Life Member
5	Deep Kishore Parsediya	IEEE IETE IEI	Member Life Member Associate Member
6	Dr. R. P. Narwaria	IETE IEI	Fellow Associate Member
7	Praveen Kumar	IAENG	Life Membership
8	Santosh Sharma	IAENG	Life Member



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		IETE	Life Member
9	Dr. Rahul Dubey	IETE IAENG	Life Member Life Member
10	Madhav Singh	IETE IEI IET	Life Member Associate Member Member
11	P.K.Singhal	IETE IE(India) ISTE CSI System Society of India IEEE	Fellow Fellow Member Member Member Member
12	Dr Sandeep Sharma	ISTE CSE IAENG	Life Member Member Life Member
13	Shambhu Kumar	IAENG	Life Member
<b>CSE</b>			
1	Dr. R. R. Singh	IETE, IAENG, IET	LM
2	Dr. Manish Dixit	IEEE IETE CSI, IAENG, Internet Society IET	Senior Member Fellow Member LM Member
3	Amit Kumar Manjhvar	IETE IEANG	LM LM
4	Mahesh Parmar	IETE IEANG IETE	LM LM LM
5	Lav Upadhyay	Indian Science Congress Association	LM
6	Dr. Anshu Chaturvedi	CSI ISTE IEEE	LM LM Member
7	Dr. R.S. Jadon	IEEE IETE ISTE	Member Fellow Member LM
8	Pooja Agrawal	IEANG	LM



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9	Parul Saxena	ISTE IETE IAENG IEEE	LM LM LM Fellow
10	Jaimala Jha	IETE, IEEE	LM
11	Anjula Mehto	IEEE	Fellow
12	Hemlata Arya	International Association of Engineers	Member
<b>Chemical Engineering</b>			
1	Prof Anish P. Jacob	IWWA	LM
2	Dr. Rakesh Kumar Dubey	IIME	LM
<b>IT</b>			
1	Vikas Sejwar	IAENG Edwin Incorporation	Member Member, Editorial Board
2	Punit Kumar Johari	IAENG GAMS IETE IET	LM LM LM Member
3	Neha Bhardwaj	ACM IETE IAENG IET	Member LM LM Member
4	Sanjiv Sharma	IETE IET IAENG	LTM LTM LTM
5	Dr. Akhilesh Tiwari	IETE IAENG IACSIT GAMS (Gwalior Academy of Mathematical Sciences)	LM Member Member LM
6	Abhilash Sonker	IAENG	Member
7	Dr. Saumil Maheshwari	IAENG IEEE	Member Member
<b>MAC</b>			
1	Dr. V. P. Shinde	Computer Society of India Operation Research Society of India ISTE (Indian Society for Technical Education)	LM 00101272 LM 0751/v/06 LM 35997



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2	Dr. D. K. Jain	Gwalior Academy of Mathematical Sciences (GAMS) Indian Academy of Mathematics, Indore. Rajasthan Ganita Parishad, Ajmer) (RGP) Life Member of ISTE, New Delhi.	LM No. L0032 LM No. 111 LM No. 03/216 LM No. 37978
3	Dr. Jitendra Kumar	Vijnana Parishad of India International Association of Engineers Math Tech Thinking Foundation Indian Mathematical Society	LMVPI/2011/144 214320 MTTF1175600 LM-42018/48
4	Angad Singh Ojha	GAMS IAENG	LM LM
5	Dr. Santosh Bhardwaj	CSI GAMS ISTE	LM 123 LM 37980
6	Prof. D. K. Mishra	Vijnana Parishad of India International Association of Engineers	LM LM 218455
<b>Humanities</b>			
1	Valiur Rahaman	ADHO IATEFL	Member Associate Member
2	Sanjeev Khanna	MLA Hemingway Society	Life Time Member Life Time Member
3	Umesh Guramwar	Association for English Studies of India (AESI) Global Research Development and Service (GRDS)	Life Time Member Life Time Member
<b>Applied Science</b>			
1	Shourabh Bhattacharya	IAENG	Life Member-265107
<b>Architecture</b>			
1	Dr. Anjali S. Patil	Council of Architecture. ITPI Indian Institute of Architecture Indian Society for Technical Education	Registered LM LM LM
2	Dr. Sanjay Singh Jadon	Council of Architecture. Indian Institute of Architecture	Registered LM
3	Ar. Richa Mishra	Council of Architecture.	Registered
4	Ar. Pranshi Jain	Council of Architecture.	Registered
5	Ar. Noopur Gupta	ITPI	Member



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		Council of Architecture.	Registered
6	Ar. Shweta Singh	Council of Architecture.	Registered
7	Ar. Ankit Kumar	Council of Architecture.	Registered
8	Ar. Versha Sinha	Council of Architecture.	Registered
9	Ms. Apurva Tomar	ITPI	Member
10	Ar. Anjali Gupta	Council of Architecture. ITPI	Registered Member
11	Ar. Anmol Gupta	Council of Architecture.	Registered
12	Ar. Harshita Mishra	Council of Architecture. ITPI	Registered Member
13	Ar. Geetika Jha	Council of Architecture.	Registered
14	Ar. Dhruv Aditya Jain	Council of Architecture.	Registered
15	Dr. Sayan Bahga	Council of Architecture.	Registered

### 22. LIST OF PAPERS ACCEPTED/PUBLISHED IN JOURNALS (2020-2021)

Name of Author(s)	Title of Paper	Name of Journal	National/ International	Indexing	Impact Factor	Volume	Pages	Month/Year of Publication
<b>Civil Engineering</b>								
Anurag Soni and Dr. M.K Trivedi	Determination of Quality and Safety in Construction Projects Considering Multi-Mode Activities	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	UGC	7.429	08/07	1422-1431	07/2020
Amit Dhawan and Dr. M.K Trivedi	Development of Time-Cost Trade-Off Model Using Simulated Annealing	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	UGC	7.429	08/07	187-193	07/2020
Pragdeep Tripathi and S.K Jain	Effects of Fine Aggregates on Performance of Pervious Concrete : A Review	International Research Journal of Engineering and Technology	International	UGC	7.429	07/07	5214-5220	07/2020



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Himanshu Sharma and Dr. M.K Trivedi	Integrating the Safety Risk Time-Cost Analysis of Construction Project	International Research Journal of Engineering and Technology	International	UGC	7.529	08/08	1602-1605	08/2020
Nitin Singh and Dr. M.K Trivedi	Determination of Construction Time, Construction Cost and Overall Project Quality in Construction Progress of Multi-mode Activities from Various Algorithm	International Research Journal of Engineering and Technology	International	UGC	7.529	09/03	51-59	08/2020
Ankit Gupta, Dr. M.K Trivedi and A.K Diwedi	Rainfall Modelling using Artificial Neural Network for Gwalior (M.P.)	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	UGC	7.429	08/08	1141-1145	08/2020
Puneet Gupta, Dr. M.K Trivedi and Dr. Pratibha Singh	Improvement in the Engineering Properties of Soil using Plastic Waste	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	UGC	7.429	08/08	42-47	08/2020
Vikesh Kumar Yadav Dr. Pratibha Singh	Effect of Marble Dust and Silica Fume on Expensive Soil Properties	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	UGC	7.429	08/08	1065-1070	08/2020
Tejprakash, Prof. Aditya Kumar Agarwal and Prof. Nupur Verma	Assessment of Quality Characteristics of Underground Water using Water Quality Index – A Case Study of Rural Areas From Gwalior District	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	UGC	7.429	08/08	671-679	08/2020
Alok Sharma and Archana Tiwari	Recycled Coarse Aggregate Concrete for Sustainable Construction	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	UGC	7.429	08/08	721-726	08/2020
Kulraj Singh Uchchariya and Prof. Gautam Bhadoriya	Effect on the Engineering Properties of Black Cotton Soil using	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	UGC	7.429	08/08	1590-1595	08/2020



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	Coconut Coir Fiber							
Ragini Yadav and Aditya Kumar Agarwal	Evaluation of Physico-Chemical Properties of Soil using Treated Sewage Water for Irrigation of Swarm Rekha River, Gwalior (M.P.)	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	UGC	7.429	08/08	550-558	08/2020
Himanshu Sharma, Dr. M.K.Trivedi	Integrating the Safety Risk in Time-Cost Analysis of Construction Projects	International Journal for Research in Applied Science & Technology (Ijraset)	International		7.429	08/08	1602-1605	08/2020
Santosh Dhakar & S. K. Jain	Improving Clay of Intermediate Plasticity for Rural Road Sub-Grades - A Case Study	International Journal of Transportation Engineering	International	ISC,GS	-	08/02	133-148	09/2020
Nitin Sharma and Dr. Sanjay Tiwari	Study of Low Volume Traffic Paver Block with Fly Ash	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	UGC	7.429	08/07	1156-1163	09/2020
Shiv Pratap Singh Dhakar and Prof. Deepak Rastogi	Study of Chloride Content in Gwalior City and its Removal using Bio Adsorption	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	UGC	7.429	08/09	667-674	09/2020
Rajesh Palaiya and Dr. Rajeev Kansal	Optimum Activity Overlapping Strategy for Construction Management using Analytical Approach	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	UGC	7.429	08/09	723-729	09/2020
Anuj Gupta and Pankaj Kumar	Sustainable Construction using Waste Tyre Rubber in Concrete	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	UGC	7.429	08/09	386-390	09/2020
Abhishek Hardeniya and Prof. A.K	Performance Evaluation of Water Treatment Plant in the Vicinity of Gwalior (M.P.) and Some	International Journal for Research in Applied Science & Engineering	International	UGC	7.429	08/10	659-668	10/2020



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Saxena	Suggestions to Improve Performance	Technology (IJRASET)						
Maharshi Saxena and Prof. A.K Saxena	Augmentation of Sewage Treatment Plant (STP), in the Vicinity of Gwalior	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	UGC	7.429	08/11	215-224	11/2020
Shantanu Dubey, Rishika Sood and Dr. Manoj Kumar Trivedi	Review of the Segregated Cycle Tracks in Bhopal	International Journal of Trend in Scientific Research and Development	International	UGC	6.410	05/01	1359-1364	11/2020
Kamal Sharma and Dr. M.K Trivedi	Latin Hypercube Sampling Based NSGA-III Optimization Model for Multi-Mode Resource Constrained Time-Cost-Quality-Safety Trade-Off in Construction Projects	International Journal of Construction Management, Taylor & Francis	International	SCI-E	4.455	21/02	1-11	11/2020
Vijay Bhandari and Prof. Deepak Rastogi	Waste Polythene in Concrete	International Journal of Creative Research Thoughts (IJCRT)	International	UGC Google Scholar, SSRN, Research Gate	7.97	09/01	131-136	01/2021
Dr. M.K Trivedi, Adhish S Bhadoria, Dr. S. Tiwari	Optimization of Risk and Disputes in Private Public Partnership in Construction Projects	International Journal of Research and Analytical Reviews (IJRAR)	International	UGC	6.210	08/01	338-343	02/2021
Pawan Singh, Prof. Aditya Kumar Agarwal	Color Removal of Waste Water Treatment Plant in the Vicinity of Gwalior (M.P.) and Some Suggestions to Improve Performance	International Journal for Research in Applied Science & Engineering Technology,	International			09/03	1489-1492	03/2021
Sonali Sharma and Prof. Gautam	Ranking, Allocation, and Response of Risk Factor of	International Journal for Research in Applied Science & Engineering	International	UGC	7.429	09/04	623-629	04/2021



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Bhadoriya	Hybrid Annuity Model for Highway Construction Projects	Technology (IJRASET)						
Kamal Sharma and Dr. M.K Trivedi	Development of Multi-Objective Scheduling Model for Construction Projects using Opposition Based NSGA III	Journal of the Institution of Engineers: Series A	International	Scopus	2.3	102/02	435-449	04/2021
Mohan Bittharia, Prof. Archana Tiwari, Prof Nupur Verma	Design of Rooftop Rainwater Harvesting: A Case Study on Township in Gwalior	International Journal for Research in Applied Science & Engineering Technology	International			09/05	1389-1396	05/2021
<b>Mechanical Engineering</b>								
Manish Belwanshi, Pratesh Jayaswal, Amit Aherwar,	A study on tribological effect and surface treatment methods of Bio-ceramics composites	Materials Today: Proceedings, Elsevier	International	SCOPUS	0.576	In press	In press	Oct, 2020
Amit Aherwar, Amar Patnaik, Catalin I. Pruncu	Effect of B4C and waste porcelain ceramic particulate reinforcements on mechanical and tribological characteristics of high strength AA7075 based hybrid composite	Journal of Materials Research and Technology, Elsevier	International	SCI	5.289	9(5)	9882-9894	Oct, 2020
Vishesh Kumar Anand, Amit Aherwar, Mozammel Mia, Omer Elfakir, Liliang Wang	Influence of silicon carbide and porcelain on tribological performance of Al6061 based hybrid composites	Tribology International, Elsevier	International	SCI	4.271	151	106514	Nov, 2020
Sumit Gupta, Prakhar Upadhyay, Yogendra	IoT based solar grass cutter	International Research Journal of Engineering and Technology	International	UGC		7	In press	June, 2020



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Sharma, Sachin Kumar Dwivedi, Utkarsh Srivastava								
Pratibha Kuraria, Tanya Saxena, A K Dhamneya	Solar Still Performance Enhancement using PCM & Nanoparticles	International Research Journal of Engineering and Technology (IRJET)	International	UGC		7	Published	August 2020
Sharad Shukla, Shiv Shankar Kushwaha, Amrat Kumar Dhamneya	Air Conditioner Coupled with Indirect Direct Evaporative Cooling System	International Research Journal of Engineering and Technology (IRJET)	International	UGC		7	Published	June 2020
Thakur V.K, Gaur M.K, Sagar M.K, Tiwari G.N.	A Study on Heat and Mass Transfer Analysis of Solar Distillation Systems.	Journal of Thermal Engineering	International	Scopus, ESCI		In Press	In Press	August 2020
Singh P., Gaur M.K	A Review on thermal analysis of hybrid greenhouse solar dryer (HGSD)	Journal of Thermal Engineering	International	Scopus, ESCI		In Press	In Press	September 2020
Singh P., Gaur M.K	Review on development, recent advancement and applications of various types of solar dryers	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	International	SCI	1.184		1-21	July 2020
Kushwah A., Gaur M.K., Pandit R.K.	Researches in green building and energy saving technology: A review of current theories, implementations and challenges	International Journal of Energy Technology	International			2(1)	26-38	July 2020
Kushwah A., Gaur M.K., Pandit R.K.	The Role of Phase Change Materials for Lifetime Heating of Buildings in Cold Climatic Conditions	International Journal of Built Environment and Sustainability	International	ESCI		7(3)	81-96	August 2020
Singh P., Gaur M.K	Environmental and Economic analysis of	International Journal of Energy Technology	International			2(1)	55-69	August 2020



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	hybrid greenhouse solar dryer: A Review							
Kushwah A., Gaur M.K., Kumar A., Singh P.	Application of ANN and prediction of drying behaviour of Mushroom drying inside Hybrid Greenhouse Solar dryer: An experimental Validation	Journal of Thermal Engineering	International	Scopus, ESCI		In Press	In Press	December 2020
Nikhil Aditya, Jyoti Vimal	Numerical Study on Buckling Resistance of Uniaxially Compressed Laminates Containing V-Shaped Edge Notch	Advance Engineering Forum	International	UGC		41	27-41	July 2021
<b>Electrical Engineering</b>								
Rinisha Bagaria, Sulochana Wadhvani, Arun Kumar Wadhvani,	A Wavelet Transform and Neural Network Based Segmentation & Classification System For Bone Fracture Detection,	OPTIK	International	SCI (H-57)	1.81	Volume 236,	( <a href="https://doi.org/10.1016/j.ijleo.2021.166687">https://doi.org/10.1016/j.ijleo.2021.166687</a> ) ISSN : 0030-4026	2021
Alka Thakur, A. K. Wadhvani, Sulochana Wadhvani	Induction Motor Bearing fault Detection using Frequency Domain PCA with SVM ”	IJFTRIE	International	Scopus (H-20)		Volume 63, Issue 6,	0564-20577 ISSN : 2347-4718	Dec -2020
Alka Thakur, A. K. Wadhvani, Sulochana Wadhvani,	DCT PCA based Vibration Signal Analysis with Optimized SVM for Induction Motor Bearing Fault Detection and Classification”	IJFTRIE	International	Scopus (H-20)		Volume 63, Issue 5,	pp 9766-9781.	Dec -2020
Manoj Kumar Ojha, Dr. S. Wadhvani, Dr. A. K. Wadhvani, Dr.	Efficient R peak Detection Algorithm from ECG using Combination Stationary Wavelet	IJFTRIE	International	Scopus (H-20)		Volume 63, Issue 5,	pp 8685-8697 ISSN : 2347-4718	Dec -2020



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Anupam Shukla	Transform and Hilbert Transform”							
Manoj Kumar Bandil , A. K. Wadhvani,“	EEG Based Feature Extraction & ANN Classifier’s Neurons Selection forEpileptic Classification Using Hybrid Soft Computing ANN & GA	Solid State Technology	International	Scopus (H-25)		Volume: 63 Issue: 5,		2020
Ritu KR,Dr.Bharat Mishra, Dr.A K Wadhvani,	"Techno-Economic Feasibility Analysis of a Hybrid Solar Photovoltaic/ WT Connected Micro Grid for a Rural Area",	IOSR Journal of Electrical and Electronics Engineering	International	IOSR-JEEE), e-ISSN: 2278-1676,p-ISSN:2320-3331		Volume 15, Issue 6 Ser. I	PP 38-45,	(Nov. – Dec. 2020),
Ritu KR,Dr.Bharat Mishra, Dr.A K Wadhvani, V	"High Performance Adaptive PSO MPPT Technique for PV Based MicroGrid for a Rural Area"	IOP Science Journal (Journal of Physics: Conference Series)	International	scopus (H-85)		Volume 1817,doi:10.1088/1742-6596/1817/1/012026		2020
Ritu K. R., Dr Bharat Mishra, Dr.A.K. wadhvani	Simulation and Analysis of Particle Swarm Optimization Algorithm Based MPPT for PV System Operating Under Partial Shading Condition	International Journal of Scientific & Technology Research	International	Scopus (H-18)	0.43			July 2020
Arun Kumar Wadhvani	Forecasting regarding the end of COVID-19 and successful development of vaccine based on astrological aspects and artificial intelligence	International Journal of Jyotisha Research	International		5.11	ISSN: 2456-4427, Issue 5(1),	pp 40-45.	Dec 2020,
Santosh Kumar., Dr.A.K. wadhwanii Dr Bharat	A Novel and Efficient INC Based MPPT for PV System	Smart Moves Journal IJOSCIENCE	International			ISSN:2582-4600	34-42	June 2021



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Mishra,								
Ashwini kukreja ,Arun Kumar Wadhvani,Sulo chana Wadhvani	Efficient Way to Analysis The Textural Features of Brain Tumor MRI Image using Gcm	IJISRT	International		6.253			July 2020
Deepak Kumar Sharma, Hari Mohan Dubey, Manjaree Pandit,	Single and Multi- Area Optimal Dispatch by Modified Salp Swarm Algorithm	I.J. Intelligent Systems and Applications,	International	H-14		03	18-26	2020
Aayush Shrivastava, Devender Kumar Saini, Manjaree Pandit	Peer Review of renewable energy- based adaptive protection(s) & relay coordination optimization techniques	Recent Advances in Electrical & Electronic Engineering, Bentham Science Publishers	International	Scopus (H-05)		DOI: 10.2174/2 35209651 39992004 30091230		April 2020
Aayush Shrivastava, Devender Kumar Saini, Manjaree Pandit	Distribution grid parameter variation due to Solar PV power integration in distribution grid	International Journal of Renewable Energy Research	International	Scopus H-30		Vol. 10, No. 3, pp.	1125-1132	September 2020
Poonam Singh, Manjaree Pandit, Laxmi Srivastava	Comparison of Traditional and Swarm Intelligence based Techniques for Optimization of Hybrid Renewable Energy System	Renewable Energy Focus	International	ESCI H-22		35	01-09	December 2020,
Vishal Chaudhary, Hari Mohan Dubey,	“Multi-Area Economic Dispatch with Stochastic Wind Power using Salp	Array	International			08		December 2020,



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Manjaree Pandit, J.C.Bansal	Swarm Algorithm							
Nikhil Paliwal, Laxmi Srivastava, Manjaree Pandit	Application of grey wolf optimization algorithm for load frequency control in multi-source single area power system	Evolutionary Intelligence	International	ESCI H-26		<a href="https://doi.org/10.1007/s12065-020-00530-5">https://doi.org/10.1007/s12065-020-00530-5</a>		November 2020
Shukla S, Pandit M.anjaree	Multi-objective fuzzy rank based scheduling of utility connected microgrid with high renewable energy using differential evolution with dynamic mutation	International Transactions of Electrical Energy Systems	International	SCIE H-42		31/03		March 2021
Nikhil Paliwal, Laxmi Srivastava, Manjaree Pandit,	Equilibrium optimizer tuned novel FOPID-DN controller for automatic voltage regulator system,	International Transactions of Electrical Energy Systems	International	SCIE H-42				May 2021
B Rathore, S Chakrabarti, L Srivastava	ARI and ARID control of virtual synchronous generator for frequency response improvement	IET Renewable Power Generation	International	SCIE h-76	3.894	15 (3)	664-675	Feb-2021
Abhijeet Singh Patel, Shishir Dixit	“Optimal Power Flow Simulation using Linear Programming”	International Journal of Communication Systems and Network Technologies 2020.	International	UGC, Google Scholar, SCOPUS		Vol.9	pp. 11-18  doi: 10.18486/ijcsnt.2020.9.1.02	June 2021
Praveen Bansal, Alka Singh	Nonlinear adaptive normalized least mean absolute third algorithm for the control of five-level distribution static compensator	International Journal of Circuit Theory and Applications	International	SCI	2.038		PP1-25	April 2021
Praveen Bansal,	Multilevel Inverter Based	International Journal of	International	SCI	1.336		pp 13-25	December



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Alka Singh	Power Quality Enhancement Using Improved Immune Control Algorithm	Electronics						2020
Saket Gupta, Narendra Kumar & Laxmi Srivastava	An efficient Jaya algorithm with Powell's Pattern Search for optimal power flow incorporating distributed generation	Energy Sources, Part B: Economics, Planning, and Policy,	International	SCI	3.205		DOI: 10.1080/15567249.2021.1942595	Published Online: 29 Jun 2021
Gupta, S., Kumar, N., Srivastava, L., Malik, H., Pliego Marugán, A., García Márquez, F.P	A hybrid jaya–powell's pattern search algorithm for multi-objective optimal power flow incorporating distributed generation	Energies	International	SCIE	3.004			2021
<b>Electronics Engineering</b>								
Jyotin Prakash, Dr. Karuna Markam, Madhav Singh	Performance Improvement of EMD based Audio Watermarking Technique by Varying Quantization Step Size in QIM Modulation	International Journal of Emerging Technologies and Innovative Research	International	-	-	Volume 7	pp. 186-193	May 2020
Jyotin Prakash, Dr. Karuna Markam, Madhav Singh	Review on EMD Watermarking Technique using QIM Modulation	International Journal of Digital Communication and Analog Signals	International	-	-	Volume 6	pp. 30-35	2020
Gunjan Para, Awadhesh Gupta and Karuna Markam	An Adaptable Window Function is Recommended and it's Utilization in FIR Low Pass Filter Formation	International Journal of Digital Communication and Analog Signals	International	-	-	Volume 6	pp. 1-7	2020
Priyanka Jain, Shubhi Jain, Raghevendra	Microstrip Rectangular Patch Antenna with Comb	Materials Today: Proceedings	International	SCOPUS	--	Volume 30, 1	1-5	2020



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Sharma, Vandana Vikas Thakre	Shape Slot							
Juhi Khan Afridi, Awadhesh Gupta, Vandana Vikas Thakre	Adjustable Spectral Characteristics to Design FIR Filter using Two-variable Window Function	International Journal of Electrical and Electronics Research, FOREX Publication	International	SCOPUS	3.94	Volume 8, Issue1	19-25	March 2020
Ajeeta Singh Bhadoria, Vandana Vikas Thakre	Improved Single Haze Removal using Weighted Filter and Gaussian-Laplacian	International Journal of Electrical and Electronics Research FOREX Publication	International	--	3.94	Volume 8, Issue 2	26-31	July 2020
Tanvi Agarwal and Laxmi Shrivastava	Estimation of Soil Electrical Conductivity using Dual - Polarized SAR Sentinel -1 Imagery	International Journal of Computer Applications (IJCA)	International			Volume 176, Number 19		July 2020
Vivek Kumar, D. K. Parsediya	Monopole Antenna Designing for Wideband Applications	International Journal of Broadband Cellular Communication	International		ISSN 2455- 8532	Volume 6 Issue 1		July 2020
Deepak Batham, D.S. Yadav	HPDST: Holding pathlength domain scheduled traffic in multi-domain optical networks	Optik-International Journal of Light and Electron Optics (Elsevier)	International	SCI  ISSN: 0030- 4026	2.18	Volume 222	165145	Nov. 2020
Deepak Batham, S.K. Pathak, D.S. Yadav, S.Prakash	A traffic scheduling strategy based on cost function for differentiated class of service in multi- domain optical networks	Optical Fiber Technology (Elsevier)	International	SCI,  ISSN 1068- 5200	2.212	Volume 60	102337	Dec. 2020
Shruti Dixit, Deepak Batham, R.P.	Cost function based class of service provisioning strategy	International Journal of Communication Systems (Wiley)	International	SCI,  ISSN	1.319	-	1-11	2020



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Narwaria	in elastic optical networks			1099-1131				
Shruti Dixit, Deepak Batham, R.P. Narwaria	RSA using Cost Function with Different Weights of Cos, Frequency Slot and Pathlength Factors in Elastic Optical	International Journal of Telecommunications & Emerging Technologies	International	ISSN: 2455-0345		Volume 6, Issue 2	24-32	2020
Akanksha Gupta, Ravindra Pratap Narwaria, Madhav singh	Review on Deep Learning Handwritten Digit Recognition using Convolution Neural Network	International Journal of recent technology and engineering (IJRTE)	International	SCOPUS		Vol. 9, issue 5	245-247	January 2021
Asmita Rajawat and P.K.Singhal	Design and Analysis of Inset Fed Wide Band Reactenna with Defected Ground Structure	Journal of Circuits, Systems and Computers	International	SCI		Vol. 29, No03		2020
Sumanta Kumar Kundu and P.K.Singhal	A slotted Circularly Polarized Semi Cylindrical conformal patch antenna for EBS and BRD bands	Journal of Computational Electronics	International	SCI		No. 19	780-791	2020
Vaibhav Kotiyal, Abhilash Singh, Sandeep Sharma, Jaiprakash Nagar and Cheng-Chi Lee	ECS-NL: An Enhanced Cuckoo Search Algorithm for Node Localisation in Wireless Sensor Networks	Sensors	International	SCI	3.576	vol. 21(11), 3576	pp. 1-15	May 2021
Bhageerath Kaurav, Karuna Markam, Pooja Sahoo	Modified Filter Equation with Improved Fuzzy Logic System based Directional Median Filter for Mixed Noise	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	International	SCOPUS		Volume-10 Issue-7		2021
Bhageerath	Analysis of Fuzzy	International Journal for	International	UGC		Volume 9		2021



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Kaurav, Karuna Markam, Pooja Sahoo	Based Directional Median Filter with Mixed Noise”	Research in Applied Science & Engineering Technology (IJRASET)						
Vaishali Rajauria, P.K. Singhal, Pooja Sahoo	Cone Shaped Multiband Antenna for Wireless Applications	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	UGC		Volume 9		2021
<b>CSE</b>								
Hakan Koyuncu, Manish Dixit, Baki Koyuncu	An analysis of content-based image retrieval	International Advanced Researches and Engineering Journal	International		--	05(01)	123-141	Feb 2021
Johari, P.K., Gupta R. K.	An improved image retrieval by using texture color descriptor with novel local textural patterns	International Journal of Advanced Computer Science and Applications	International	Scopus, WOS		11	277-286	2020
Abhilash Sonker and Dr. R. K. Gupta	A New Combination of Machine Learning Algorithms using Stacking Approach for Misbehavior Detection in VANETs	International Journal of Computer Science and Network Security	International	WOS		20	94-100	2020
Johari, P.K., Gupta R. K.	Improved Feature selection techniques for Image retrieval based on Metaheuristic Optimization	International Journal of Computer Science and Network Security	International	WOS		21	40-48	2021
Abhilash Sonker and Dr. R. K. Gupta	A new procedure for misbehavior detection in vehicular ad-hoc networks using machine learning	International Journal of Electrical and Computer Engineering (IJECE)	International	Scopus		11	2535–2547	2021
Astha Gupta, Mahesh Parmar	A Comprehensive Survey on Data Mining Based Hesitation Rule Mining using Vague Association Rule	International Journal of Engineering Research	International	Peer review		10	8-16	Jan 2021
Karishma Kaushik,	Sentiment Analysis Based on Movie	International Journal of Scientific Research in	International	Peer review		7	197-208	5 May 2021



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Mahesh Parmar	Reviews using Various Classification Techniques : A Review	Computer Science, Engineering and Information Technology(IJSRCSEIT)						
R.S. Jadon, ScC. Jain and Madhvi Dheengra	Study of Malicious node detection	Elsevier, Materials Today Proceedings	International	SCI	0.657	29		Dec 2020
Priyanka Sharma, Rajni Ranjan Singh Makwana	Phishing Website Detection Using Ensemble Technique	International Journal of Computer Trends and Technology (IJCTT)	International					2021
Hemlata Arya, Atul Chauhan	“Effect of change of Antenna Model with the Variation of Pause Time for Reactive and Hybrid Routing Protocols in Mobile Ad-Hoc Networks”	International Journal of Scientific & Engineering Research (IJSER)	International		4.2	volume 11 issue 8		Sep 2020
<b>Chemical Engineering</b>								
Harshika Suman, Reena Srivastava, Sadhna Shrivastava, Anurag Srivastava, A P Jacob, C. S. Malvi	DFT Analysis of H <sub>2</sub> S Adsorbed Zigzag and Armchair Graphene Nanoribbons	Chemical Physics Letters	International	SCI & Scopus 2.029	2	745 Pages - 1-9		February 2020
Antaram Sarve, Jimil George, Santosh Agrawal, Raksh Vir Jasra, Pradip Munshi	Unidirectional Growth of Organic Single Crystals of Naphthalene, Anthracene and Pyrene by Isothermal Expansion of Supercritical CO <sub>2</sub>	RSC Advances	International	SCI	3.049	10	22480-22486	June, 2020
<b>IT</b>								
Johari, P.K., Gupta R. K.	An improved image retrieval by using	International Journal of Advanced Computer	International	Scopus, WOS	1.1	11	277-286	2020



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	texture color descriptor with novel local textural patterns	Science and Applications						
Pallavi Singhal and Sanjiv Sharma	A Comparative Analysis of Different Approaches for Recognizing Human Activity	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	--	7.429	8	1902-1907	July 2020
Yogita Solanki, Sanjiv Sharma	Analysis and Prediction of Heart Health using Deep Learning Approach	International Journal of Computer Sciences and Engineering	International	--	3.022	Volume-7	309-315	Aug 2020
Sadhna Sharma, Sanjiv Sharma	Identification of Accurate Classification Technique for Crime Investigation Using Ensemble Approach	International Journal of Computer Sciences and Engineering	International	---	3.022	Volume-7	137-143	Aug 2020
Pallavi Singhal and Sanjiv Sharma	Prediction and analysis of human activity using machine learning	GIS Science Journal	International	UGC Approved	0.4	Volume-8	1142-1150	Jan 2021
Himanshu Verma, Vikas Sejwar	Fractal-Cell Smart Topology Bandwidth Allocation Model (FAST-BAM)	International Journal of Future Generation Communication and Networking	International	ESCI (WoS)	0.08	Vol. 13 No. 4	800-808	01 Sep 2020
Samiksha Khule and Abhilash Sonker	Network security-based IDS using the convolutional neural network for classification	GIS Science Journal	International	Scopus	0.4	Volume 7	1869-9391	July 2020
Abhilash Sonker and Dr. R. K. Gupta	A New Combination of Machine Learning Algorithms using Stacking Approach for Misbehavior Detection in VANETs	International Journal of Computer Science and Network Security,	International	ESCI, WoS	0.11	vol. 20	094-100	Oct. 2020
Abhilash	A new procedure for	International Journal of	International	Scopus	2.7	vol.	2535-2547	June 2021



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Sonker and Dr. R. K. Gupta	misbehavior detection in vehicular ad-hoc networks using machine learning	Electrical and Computer Engineering				11		
Johari, P.K., Gupta R. K.	Improved Feature selection techniques for Image retrieval based on Metaheuristic Optimization	International Journal of Computer Science and Network Security	International	WoS	0.11	Vol 21	40-48	Feb 2021
Shubhangi Jadon, Neha Bhardwaj	Survey On Routing In WSN using Various Optimization Techniques	GIS Science Journal	International	UGC Approved	0.4	Vol 7, Issue 12	1277-1286	December 2020
<b>MAC</b>								
V.P. Shinde, J K Muthale	Performance Of Bulk Queue Under Vacation and Interruption, Mili Publication	Advances and Applications in Mathematical Sciences	National	UGC Care		Volume 19(10)	969-986	2020
Naseer Ahmad Malik, Farooq Ahmad and D.K. Jain:	The theoretical overview of the Hartley Transform and the Generalized R-Function	Jnanabha (Vijnana Parishad of India)	National	UGC Care/ Google Scholar		Volume 50, Number 1	158-163 ISSN: 0304-989	July 2020
Naseer Ahmad Malik, Farooq Ahmad and D.K. Jain	Study of S-function in Relationship with Fractional Hilfer-Prabhakar Derivative,	Gedrag & Organisatie Review	International	Web of Science & UGC care	0.125	Volume 33, Number 3,	16-21 ISSN: 0921-5077	July 2020,
Altaf Ahmad Bhat, Asifa Tassaddiq, D. K. Jain and Humera Naaz	New generating functions of $I$ -function satisfying Truesdell's $Fq$ -equation	Advances in Difference Equations Springer open Journal	International	SCI Expanded or Web of Science/Scopus	1.72	Article number: 464 <a href="https://doi.org/10.1186/s13662-020-02912-6">https://doi.org/10.1186/s13662-020-02912-6</a>	ISSN: 1687-1839(P), 168-1847(O)	September 2020
Altaf Ahmad Bhat, Fozia S. Qazi, and D. K.	'Studies in Computational Intelligence	Book Chapter in Springer Nature Series Editor	International	Scopus		Vol.916 <a href="https://doi.org/10.1007">https://doi.org/10.1007</a>	pp 477-490 ISSN 1860-949X ISSN	Dec. 2020



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Jain	Title of Chapter: Generating Functions of (p, q)-Analogue of I- Function Satisfying Truesdell's Ascending and Descending Fp;q- Equation	JanuszKacprzyk, Polish Academy of Sciences, Warsaw, Poland				7/978-981- 15-7571-6 (C) <a href="http://www.springer.com/series/7092">http://www .springer.c om/series/ 7092</a>	1860-9503 The Editor(s) Springer Nature	
Alok Jain, Altaf Ahmad Bhat, Renu Jain and D. K. Jain	Certain Results of (p, q) Analogue of Alph- Function with (p, q) Derivative	Journal of Statistics Applications and Probability (Natural Sciences Publishing)	International	Scopus	0.19	Vol. 10 , No.1 <a href="http://dx.doi.org/10.18576/jsap/100105">http://dx.d oi.org/10.1 8576/jsap/ 100105</a> .Im pact factor .19	p.45-52	1 March 2021
<b>Humanities</b>								
Valiur Rahaman	Neurocognitive Literary Studies	Rupkatha	International	SCOPUS WoS		13	16	Accepted
Sanjeev Khanna	Amitav Ghosh's Ibis Trilogy: A Study in History & Culture	Literary Herald	International	2454:336 5 IIJIF:		1	50-61	June 2020
Dr Garima Singh Baghel	Women and Marriage in Contemporary Indian English Fiction: Reconstructing Identity and Subjectivity	International Journal of English: Literature, Language & Skills	International	2278- 0742		8	-	July 2019
Sanjeev Khanna	A Study of Ideological Crisis in Joseph Conrad's Heart of Darkness	Chronicle of Humanities & Cultural Studies	National	2454- 5503	IIJIF	Vol 7 Issue 1	33-42	Feb 2021
Valiur Rahaman	"Understanding Blockchain Governance through Film Studies: A Critical Review"	Sub. Learning, Media and Technology. Taylor & Francis.	International	-	-	-	--	July 2021
Umesh Guramwar	Critique of Gender Role in Manju Kapoor's novel	Pragati's English Journal	National	-	-	Vol 20, Issue 02	11-16	Dec 2020



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Custory						Dec 2020		
Architecture								
Dr. Anjali S. Patil	An Emergence of Ecotourism in Mountains A Comparative Case Study of Nepal and Bhutan's Ecotourism Ecology	IJLTET Journal	International		7.529	Volume-17 Issue-1 Volume-07 Issue-08	592-599	July, 2020 August 2020
Dr. Anjali S. Patil	Revisiting urban governance under the new normal	IJLTET Journal	International		7.529	Volume-07 Issue-08	533-541	August 2020
Dr. Anjali S. Patil	Impact of Hyper Loop Transportation System on Urbanization in India	International Journal of Innovations in Engineering and Technology (IJJET)	International			Volume-17 Issue-1	5-9	August 2020
Dr. Anjali S. Patil	Implementing Policies of Land Development for Peri Urban Area	International Journal of Research in Engineering, Science and Management	International		4.308	Volume-3, Issue-8,	516-518	August-2020
Dr. Anjali S. Patil	Optimization of Water Supply in Urban Area	International Research Journal of Engineering and Technology (IRJET)	International		7.529	Volume: 07 Issue: 08	2002-2007	August-2020
Dr. S.S. Jadon	Assessment of Smart City Mission and its Implementation on Cities	International Research Journal of Engineering and Technology (IRJET)	National		7 7.529			
Dr. S.S. Jadon	Understanding urbanization and urban flooding scenario in India	International Journal of Advance Research, Ideas and Innovations in Technology	International		6.078			
Dr. S.S. Jadon	Analysis of Open Public Spaces in Indian Cities	International Research Journal of Engineering and Technology (IRJET)	International		7 7.529	Volume: 07 Issue: 09	2299-2303	Sep 2020
Dr. S.S. Jadon/ Apurva Tomar	'EKISTICS''as holistic urban	International Journal of Research and Analytical	International		5.74	Volume 7, Issue 3	598-603	August 2020



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	planning approach for India”	Reviews (IJRAR)						
Apurva Tomar	Planning for Decentralised Solid Waste Management in Varanasi	International Research Journal of Engineering and Technology (IRJET)	National		7.529	Volume: 07 Issue: 08	1974-1980	August 2020
Noopur Gupta	Sponge City an Opportunity to Reduce Urban Flooding & Water Crisis	International Journal of Research and Analytical Reviews (IJRAR)	International		5.75	Volume 7, Issue 3	213-222	July 2020

### 23. LIST OF PAPERS ACCEPTED/PRESENTED/PUBLISHED IN CONFERENCES (2020-2021)

Name of Author(s)	Title of Paper	Name of Conference	Venue	Pages	Month/Year of Publication
<b>Mechanical Engineering</b>					
Gyanesh Sharan, Rabindra Kumar Patel	Optimization of cutting parameters of turning for hardness of AISI 4140 Alloy steel	ICMPC-2019	GRIET Hyderabad	3582-3589	2019
Shubham Srivastava, Deepak, C. S. Malvi	Application of nano-PCMs in solar Photovoltaic	RAME 2020	DTU Delhi	47-58	2020
Deepak, Shubham Srivastava, C. S. Malvi	Light sources selection for solar simulators: A review	RAME 2020	DTU Delhi	28-46	2020
Sampoorna Panda, Manoj Gupta, C. S. Malvi	Advances in perturb and observe based MPPT algorithm	RAME 2020	DTU Delhi	21-27	2020
Arvind Singh Tomar, Pratesh Jayaswal	Envelope Spectrum Analysis And Spectral Kurtosis to Diagnose Bearing Faults	ICRADMM 2020	AMITY Gwalior	In press	In press
Pavan Agrawal, Arvind Singh Tomar, Pratesh Jayaswal	Fault Investigation of Rolling Element Bearing Using Vibration Signature Analysis and Artificial Neural Network	ICRADMM 2020	AMITY Gwalior	In press	In press
Nikhil Aditya, Jyoti Vimal	Linear buckling behaviour of (30/-60)n laminates containing V-shaped edge notch	LTCMEE- 2021	MANIT, Bhopal	In press	In press
<b>Electrical Engineering</b>					



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Rinisha Bagaria, Sulochana Wadhvani, A K Wadhvani	A Wavelet-Based Segmentation Technique for Medical Images	International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2020)	MITS, Gwalior		July 2021
Shyam Babu, A K Wadhvani	A Review on analysis of Electroencephalography (EEG) Signal Processing and Characteristics	International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2020)	MITS, Gwalior		Presented in 17-18 December 2020
Abhishek Pratap Singh, Aditya Singhal, Akanksha Athaya, Saurabh Kumar Rajput, Laxmi Srivastava, Vikas Sharma	Energy Audit of Hybrid (Grid, Solar Rooftop Photovoltaic System and Diesel Generator) Electric Power Supply System: A Case Study of Commercial Building	Recent Advances in Power Systems, EPREC 2020	NIT Jamshedpur		October 2020
S. K. Rajput, D. K. Dheer and S. Wadhvani	Energy Consumption and Energy Saving Potential in Indian Textile Sector	2020 International Conference on Emerging Frontiers in Electrical and Electronic Technologies (ICEFEET),	NIT Patna, India		July 2020
J.Patra,A.kumari, N.pal	Voltage Sag Mitigation by using Photovoltaic based Dynamic Voltage Restorer in Barak Valley Power System	International Conference on Electronics and Sustainable Communication Systems (ICESC), 2020	Coimbatore India	1137-1143	July 2020
Kingshuk Roy, Laxmi Srivastava, Shishir Dixit	-Power Loss Sensitivity and GWO Based Approach for Optimal Capacitor and DG Allocation in Distribution System	1st Global Conference on Artificial Intelligence and Applications (GCAIA 2020) September 8-10, 2020.(Springer Conference)	Department of CSE, University of Engineering &(IEEE Conference) Management, Jaipur, Rajasthan, India		September 2020
Kingshuk Roy, Laxmi Srivastava, Shishir Dixit	A Forward-Backward Sweep and ALO Based Approach for DG Allocation in Radial Distribution System	2020 IEEE First International Conference on Smart	Department of Electrical Engineering, Visvesvaraya National		September 2020



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		Technologies for Power, Energy and Control (STPEC)	Institute of Technology, Nagpur, Maharashtra, India		
Kingshuk Roy, Laxmi Srivastava, Shishir Dixit	Optimal Placement and Sizing of Distributed Generation Using Multi-Verse Optimization	The 12th International Conference on Computational Intelligence and Communication Networks (CICN 2020)	BIMS, Bhimtal, Nainital, India		September 25-26, 2020
Kingshuk Roy, Laxmi Srivastava, Shishir Dixit	MVO Based Approach for Optimal DG and Capacitor Allocation	Accepted in Second International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2020) going to be held during December 18 - 19, 2020	MITS, Gwalior		December 2020
Vinay Kumar, Shishir Dixit	Modified DC-DC Converter for integration of Energy sources	Presented in Second International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2020) going to be held during December 18 - 19, 2020	MITS, Gwalior		December 2020
Vikram Saini & Lillie Dewan	Sparse Solutions in the Identification of Output Error Models	Presented in Second International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2020) going to be held during December 18 - 19, 2020	MITS, Gwalior		December 2020
Abhijeet Singh Patel, Shishir Dixit	Optimal Power Flow Simulation using LP Method	Presented on June 19, 2021. in 10th IEEE International Conference on Communication	Oriental group of institutes, Bhopal		June 18-19, 2021



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		Systems and Network Technologies (CSNT 2021)			
Praveen Bansal, Alka Singh	Adaptive Notch Filter Control Algorithm for 5-Level Distribution Static Compensator	Presented on September 26, 2020. in 2020 IEEE First International Conference on Smart Technologies for Power, Energy and Control (STPEC)	Nit-Nagpur		25-26 September 2020
<b>Electronics Engineering</b>					
Shruti Dixit, Deepak Batham, R.P. Narwaria	Elastic Optical Network: A Promising Solution for Future Communication Networks Considering Differentiated CoS	Springer International Conference on Machine Intelligence and Smart Systems (MISS-2020)	Rustamji Institute of Tech., BSF academy, Tekanpur, Gwalior	49-60	April 2021
Anshul Agarwal, P. K. Singhal, Vandana V. Thakare	Wideband Microstrip Stepped Two Way Power Divider for 3G/4G Application	Second International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET- 2020)	Madhav Institute of Technology and Science		18th - 19th December 2020
D. K. Parsediya, P. K. Singhal	Analysis of Phase Error in Rotman Lens design with Different Beam Angles	Second International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET- 2020)	Madhav Institute of Technology and Science		18th - 19th December 2020
<b>CSE</b>					
Anand Jawdekar, Manish Dixit	A Review of Image Enhancement Techniques in Medical Imaging	Springer International Conference on Machine Intelligence and Smart Systems (MISS-2020)	Online		
Sanjay Patsariya,	A Survey on Watermarking and its Techniques	Springer International	Online		



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Manish Dixit		Conference on Machine Intelligence and Smart Systems (MISS-2020)			
<b>IT</b>					
Rajeev Goyal, Arvind K Upadhyay, Sanjiv Sharma	Collaborative Filtering Techniques for Trust Prediction in Online Social Network	International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology, ICSISCET 2019	Madhav Institute of Technology & Science, Gwalior	503-512	2020
Shubhangi Jadon, Neha Bhardwaj	An Energy-Efficient Mobile Sink based Clustering using Simulated Annealing for Traversing	International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2020)	Madhav Institute of Technology & Science, Gwalior	-	December 2020
Mohan Durvey, Rajeev Kumar Singh	Classification and Identification of Primitives TomatoPlant Leaf Disease Deep Convolution Networks	International Conference on Industrial and Manufacturing Systems (CIMS - 2020)	Dr. B R Ambedkar National Institute of Technology Jalandhar, Punjab, INDIA	-	October 2020
Tanya Shrivastava and Punit Kumar Johari	LGCBPNN: Determine the Multilayer Neural Network using Local Gravitational Clustering	International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2020)	Madhav Institute of Technology & Science, Gwalior	-	December 2020
Soumya Shrivastava and Punit Kumar Johari	Deep Learning Approach for Mobile Banking Fraudulent Transaction to Detect Financial Frauds	International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2020)	Madhav Institute of Technology & Science, Gwalior	-	December 2020
Abhishek Dixit, Akhilesh Tiwari, R. K. Gupta	Exploring Current Trends & Challenges in Hesitation Mining	International Conference on Data & Information Sciences	Raja Balwant Singh Engineering Technical Campus Bichpuri,	-	14-15 May 2021 (Presented)



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		(ICDIS-2021)	Agra		
D. K.Mishra,A. K. Upadhyay, S. Sharma	Role of big data analytics in manufacturing of intelligent robot	Materials Today: Proceedings	Amity University	-	May 2021
D. K.Mishra,A. K. Upadhyay, S. Sharma	An efficient approach for manufacturing process using Big data analytics	Materials Today: Proceedings	Amity University	-	May 2021
D. K.Mishra,A. K. Upadhyay, S. Sharma	Text mining in manufacturing process using unsupervised techniques of Machine learning	Materials Today: Proceedings	Amity University	-	May 2021
<b>Architecture</b>					
Dr. Anjali S. Patil	"Analysis and Review of the Kinetic Facades in Kolding Campus, South Denmark University	ICSISCET, 2020 on 18-19 December, 2020	MITs, Gwalior	paper (No.77) on	November 2020

### 24. CITATION INDEX OF FACULTY MEMBERS AND IMPACT FACTOR OF JOURNALS

S. No.	Name of Faculty	Google Scholar			Scopus		Research Gate	Any other Standard Indexing
		Citations	h-index	i10-index	Citations	h-index	Citations	
<b>Civil Engineering</b>								
1	Aditya K Agarwal	6	1	0	-	-	2	-
2	Gautam Bhadoriya	2	1	0	-	-	-	-
3	Almas Siddiqui	26	1	1	-	1	14	Mendeley - 77 Citations Science Direct - 17 Citations
4	S. K. Jain	541	10	10	71	5	-	-
5	Pankaj Kumar	5	2	0	7	3	7	-
6	Sanjay Tiwari	10	2	0	-	-	-	-
7	Chetan Sharma	8	2	0	3	1	16	-
<b>Mechanical Engineering</b>								
1	Dr. Pratesh Jayaswal	561	9	9	-	-	249	-
2	Dr. Amit Aherwar	504	13	14	118	8	397	-
3	Mr. Vedansh Chaturvedi	422	11	13	66	3	109	-
4	Dr.Jyoti Vimal	291	10	12	23	2	77	-
5	Mr. Sharad Agrawal	37	3	2	2	1	17	-
6	Mr. Vaibhav shivhare	31	3	1	11	2	13	-
7	Dr. Dharmendra Jain	26	3	1	-	-	-	-



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8	Dr Amrat Kumar Dhamneya	43	4	3	33	3	25	-
9	Dr. C. S. Malvi	213	7	4	111	3	158	-
10	Dr. M.K. Gaur	381	9	8	173	4	234	-
<b>Electrical Engineering</b>								
1	Dr. Laxmi Srivastava	2792	25	59	1598	21	1896	-
2	Dr. Manjree Pandit	2801	24	52	1694	19	1863	-
3	Dr. A. K. Wadhvani	532	12	13	582	6	-	-
4	Dr. Sulochana Wadhvani	394	11	17	55	5	-	-
	Dr. Sulochana Wadhvani	44	1	1	-	-	3	-
5	Ashis Patra	767	14	20	399	9	570	-
	Ashis Patra	54	1	1	-	-	13	-
6	Dr. Harimohan Dubey	967	15	25	150	4	503	-
7	Dr.Shishir Dixit	279	10	11	47	4	560	-
8	Rakesh Narvey	140	4	3			19	-
9	Dr. Himmat Singh	185	8	7	5	6	158	-
10	Dr. Vijay Bhuria	74	6	3	-	-	6	-
11	Kuldeep Kumar Swarnkar	160	7	6	-	-	52	-
12	Praveen Bansal	300	06	04	04	02		-
13	Vishal Chaudhary	63	03	02	51	2	51	-
14	Saurabh Kumar Rajput	23	3	0			19	-
15	Dr. Vikram	18	3	0	13	2	15	-
16	Bhavna Rathor	45	2	2	32	2	35	-
17	Aprajita Kumari	5	1	-	-	4	5	-
<b>Electronics Engineering</b>								
1	Dr. Laxmi shrivastava	354	11	13	117	06	34	-
2	Vandana Vikas Thakare	254	7	6	-	-	-	-
3	Dr Karuna Markam	16	2	0	-	-	-	-
4	Deep Kishore Parsediya	104	3	2	-	-	65	-
5	Deepak Batham	70	4	2	44	3	45	-
6	Praveen Kumar	64	2	2	-	-	49	-
7	Dr. R. P. Narwaria	86	5	2	-	-	-	-
8	Pooja Sahoo	01	01	-	-	-	-	-
9	Dr Rahul Dubey	48	04	01	-	-	-	-
10	P.K.Singhal	993	14	29	-	-	-	-



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11	Dr Sandeep Sharma	300	10	10	-	-	152	-
<b>CSE</b>								
1	Dr. R.S. Jadon	861	10	14	154	5	-	-
2	Dr. R. K. Gupta	-	-	-	-	-	97	-
3	Jaimala Jha	35	4	-	-	-	-	-
4	Amit Kumar Manjhvar	29	3	1	-	-	15	-
5	Mahesh Parmar	36	4	-	-	-	37	-
6	R R Singh	78	6	5	14	2	-	-
7	Dr. Manish Dixit	347	9	8	-	-	-	-
8	Anjula Mehto	64	4	3	18	3	47	-
<b>Chemical Engineering</b>								
1	Dr. Antaram N. Sarve	192	5	4	-	-	-	-
2	Dr. Rakesh Kumar Dubey	28	3	1	-	-	29	-
<b>IT</b>								
1	Dr.Akhilesh Tiwari	427	10	10	124	5	-	-
2	Punit Kumar Johari	151	6	4	9	1	100	-
3	Dr. Saumil Maheshwari	89	5	4	37	3	70	-
4	Dr.Sanjiv Sharma	318	7	5	140	4	-	-
5	Abhishek Dixit	16	1	1	10	1	11	-
6	Abhilash Sonker	43	3	2	14	2	31	-
7	Neha Bhardwaj	54	3	2	-	-	-	-
8	Vikas Sejwar	67	5	1	-	-	-	-
<b>MAC</b>								
1	Dr. D.K. Jain	41	4	-	2	1	34	-
2	Dr. V P Shinde	36	3	2	6	1	25	-
3	Dr.Jitendra Mutele	3	3	-	-	-	7	-
4	Dr. Santosh Bhardwaj	2	1	-	-	-	1	-
5	Prof. D K Mishra	8	1	-	-	-	-	-
<b>Applied Science</b>								
1	Dr. Abhay Mishra	72	4	1	-	-	-	-
2	Dr. S. Bhattacharya	103	5	3	-	-	-	-
3	Dr. Deobrat Singh	30	3	1	-	-	-	-
4	Dr. Anjula Gaur	2	1	-	-	-	-	-
5	Dr. Hansnath Tiwari	6	2	-	-	-	-	-



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### 25. BIBLIOMETRICS OF THE PUBLICATIONS DURING THE LAST ACADEMIC YEAR BASED ON AVERAGE CITATION INDEX IN SCOPUS/ WEB OF SCIENCE OR PUB MED/INDIAN CITATION INDEX PAPERS (PUBLISHED IN 2019-20)

Title of the paper	Name of the Author	Title of the Journal	Year of Publication	Citation Index	Institutional Affiliation as Mentioned in the Publication	Number of Citations Excluding Self Citations
<b>Electrical Engineering</b>						
PSO based optimal design of PID controller for automatic voltage regulator	Ashis Patra (single author)	International research journal of innovations in engineering and technology (IRJIET)	2020	--	Department of Electrical Engineering MITS, Gwalior	--
Influence of airflow dynamics on vortices in the human nasal cavity	Punjan Dohare, Amol P Bhondekar, Anupma Sharma, C Ghanshyam	Engineering Computations	2019	-	CSIR-Central Scientific Instruments Organization Chandigarh	-
Performance optimization of sensing chamber using fluid dynamic simulation for electronic nose applications	Punjan Dohare, Sudeshna Bagchi, Amol P Bhondekar	Turkish Journal of Electrical Engineering & Computer Sciences	2020	-	CSIR-Central Scientific Instruments Organization Chandigarh	0
“Optimal Placement and Sizing of Distributed Generation and Capacitors: A Review”	Kingshuk Roy, Shishir Dixit	International Journal of New Innovations in Engineering and Technology (IJNIET)	2020	-	Department of Electrical Engineering MITS, Gwalior	0
“Optimal placement of FACTS devices using optimization techniques:A review”	Monu Ram Tyagi, Shishir Dixit,	International Journal of Research and Analytical Reviews (IJRAR)	2020	-	Department of Electrical Engineering MITS, Gwalior	0
“Finding Optimal Position of SVC and decreasing of Real Power Loss and Voltage Deviation using Genetic	Monu Ram Tyagi, Shishir Dixit,	International Journal of Engineering Technologies and	2019	-	Department of Electrical Engineering	0



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Algorithm”		Innovative Research (JETIR)			MITS, Gwalior	
“Finding Optimal Location of SVC and Minimization of Active Power Loss and Voltage Deviation Using Genetic Algorithm”	Monu Ram Tyagi, Shishir Dixit,	International Journal of Research and Analytical Reviews (IJRAR)	2019	-	Department of Electrical Engineering MITS, Gwalior	0
“A Performance Evaluation of 1-Phase 3-Level T-Type Multilevel Inverter using Advanced PWM Techniques”	Monika Agrawal, Vijay Bhuria and Shishir Dixit	International Journal of Innovative Research and Technology (IJIRT)	2019	-	Department of Electrical Engineering MITS, Gwalior	0
Enhancement of Power Quality for Wind Systems in Grid Application with SVPWM Control	Tatikayala Vinay Kumar and Shishir Dixit	Journal of Advanced Research in Dynamical and Control Systems	2020	-	Department of Electrical Engineering MITS, Gwalior	0
NSGA-II Based Reactive Power Management in Radial Distribution System Integrated with DGs	Himmat Singh Laxmi Srivastava	Book Title Nature Inspired Optimization for Electrical Power System	2020	--	Department of Electrical Engineering MITS, Gwalior	--
Energy & Economic Analysis of Grid Type Roof-Top Photovoltaic (GRPV) System	Abhinav Kumar Babul, Saurabh Kumar Rajput, Himmat Singh Ahirwar, Ramesh Chandra Yadaw	Paper submitted to SPRINGER for publication in Scopus-indexed	2020	--	Department of Electrical Engineering, MITS, Gwalior	--
Impact of Solar Panel on the Transformer Performance: A Case Study	A. Kumari, J. Patra, N. Pal, N. Kumar	Iranian Journal of Science and Technology, Transactions of Electrical Engineering	2020	5	Department of Electrical Engineering IIT (ISM) Dhanbad	5
Combined Economic Emission Dispatch of Hybrid Thermal PV System Using Artificial Bee Colony Optimization	Salil Madhav Dubey, Hari Mohan Dubey, Manjaree Pandit	OptimizationNature Inspired Optimization for Electrical Power System	2020	2	Department of Electrical Engineering MITS, Gwalior	2
Dynamic Scheduling of Energy	Salil Madhav	OptimizationNature	2020	--	Department of	--



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Resources in Microgrid Using Grey Wolf Optimization	Dubey, Hari Mohan Dubey, Manjaree Pandit	Inspired Optimization for Electrical Power System			Electrical Engineering MITS, Gwalior	
Short-Term Hydrothermal Scheduling Using Bio-inspired Computing: A Review	Khushboo Sharma, Hari Mohan Dubey, Manjaree Pandit	Optimization Nature Inspired Optimization for Electrical Power System	2020	--	Department of Electrical Engineering MITS, Gwalior	--
Teaching-Learning-Based Optimization for Static and Dynamic Load Dispatch	Kavita Sharma, Hari Mohan Dubey, Manjaree Pandit	Nature Inspired Optimization for Electrical Power System	2020	1	Department of Electrical Engineering MITS, Gwalior	1
Short-Term Hydrothermal Scheduling Using Gray Wolf Optimization	Khushboo Sharma, Hari Mohan Dubey, Manjaree Pandit	Advances in Computing and Intelligent Systems	2020	--	Department of Electrical Engineering MITS, Gwalior	--
Smart Grid Communication: A Survey of State-of-the-Art. Proceedings in Adaptation, Learning and Optimization	V. Tiwari, SM Dubey, HM Dubey, M. Pandit	International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology	2020	--	Department of Electrical Engineering MITS, Gwalior	--
Single and Multi-Area Optimal Dispatch by Modified Salp Swarm Algorithm	Deepak Kumar Sharma, Hari Mohan Dubey, Manjaree Pandit	J. Intelligent Systems and Applications (MECS Press)	2020	--	Department of Electrical Engineering MITS, Gwalior	--
A Comprehensive Study on AC Microgrid Control Strategies at Primary Control Level	Bhavna Rathore , Laxmi Srivastava, Nipun Gupta, Shailendra Pratap Singh, and Rahul Sagwal		2020	--	Department of Electrical Engineering MITS, Gwalior	--
Thyristor controlled power for Single phase induction motor	Prabhat kumar Shukla, Ankush Tiwari Ashish Gupta, Avdhesh Kumar, Kuldeep Swarnkar	International Journal of Research and Analytical Reviews	2020	--	Department of Electrical Engineering MITS, Gwalior	--
Simulation Model of Grid	Kuldeep Kumar	International Journal	2020	--	Department of	--



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Connected Rooftop Solar Power Plant	Swarnkar	For Science And Advance Research in Technology (IJSART)			Electrical Engineering MITS, Gwalior	
BMI and Nutritional level classification using Bioelectrical impedance analysis	Anand Agarwal, Rakesh Narvey		2020	---	Department of Electrical Engineering MITS, Gwalior	----
Nonlinear adaptive normalized least mean absolute third algorithm for the control of five-level distribution static compensator	Praveen Bansal,Alka Singh	International Journal of Circuit Theory and Applications	2020	-	DTU New Delhi	--
Multilevel Inverter Based Power Quality Enhancement Using Improved Immune Control Algorithm	Praveen Bansal,Alka Singh	International Journal of Electronics	2020	-	DTU New Delhi	--
<b>Electronics Engineering</b>						
Design and Simulation of Spoon Shaped Antenna using DGS	Vivek Kumar, DK Parsediya	International Journal of Engineering and Advanced Technology (IJEAT)	2019	SCOPUS	MITS, Gwalior	0
Proposing A New Variable Window For Better Side Lobe Reduction	Poonam Parmar, Rahul Dubey And Karuna Markam	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	SCOPUS	MITS, Gwalior	0
Design Of Microstrip Moisture Sensor For Determination Of Moisture Content In Rice With Improved Mean Relative Error	Sweety Jain,Pankaj K. Mishra, Vandana Vikas Thakare	Microwave and Optical Technology Letters, Wiley	2019	SCI	MITS, Gwalior	03
Eeg Signal Classification For Epileptic Seizure Using Matlab	Amita Shukla, Ravindra Pratap Narwaria	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	SCOPUS	MITS Gwalior	0
K Medoid Clustering In Wireless Sensor Network Using A	Sonal Gupta, Ravindra Pratap	International Journal of Recent Technology and	2019	SCOPUS	MITS Gwalior	0



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Constant Threshold	Narwaria	Engineering (IJRTE)				
A Wideband Microstrip Patch Antenna With Integrated Circular Slot For Rf Energy Harvesting	Himanshi Sharma And Laxmi Shrivastava	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	SCOPUS	MITS Gwalior	0
Rolling Ball Bearing Fault Classification using Variational Mode Decomposition and Footprint of Hilbert Transform	Rahul Dubey	Advances in Intelligent System and Computing, Springer	2019	SCOPUS	MITS Gwalior	0
Adjustable Spectral Characteristics Design FIR Filter using Two Variable Window Function	Juhi Khan Afridi, Awadhesh Gupta, Vandana Vikas Thakre	International Journal of Electrical and Electronics Research , Forex Journal,	2020	SCOPUS	MITS, Gwalior	0
Improved Brain Tumor Detection Using Fuzzy Rules with Image Filtering and Dwt-Svm Classifier for Tumor Identification	Rahul Dubey Anjali Sharma	Advances in Intelligent System and Computing, Springer	2020	SCOPUS	MITS, Gwalior	0
Image Filtering with Iterative Wavelet Transform Based Compression	Vikas Mahor, Srishti Agrawal and Rekha Gupta	Advances in Computing and Data Sciences	2019	SCOPUS	MITS, Gwalior	0
A Novel Meta-material Based Mirco-strip Patch Antenna	Vikas Mahor and Madhav Singh	Intelligent Computing Applications for Sustainable Real-World Systems	2019	SCOPUS	MITS, Gwalior	0
HPDST: Holding pathlength domain scheduled traffic in multi-domain optical networks	Deepak Batham, D.S. Yadav	Optik	2020	SCI	MITS , Gwalior	0
A traffic scheduling strategy based on cost function for differentiated class of service in multi-domain optical networks	Deepak Batham, S.K. Pathak, D.S. Yadav, S. Prakash	Optical Fiber Technology	2020	SCI	MITS , Gwalior	0
Cost function-based class of service provisioning strategy in elastic optical networks	Shruti Dixit, Deepak Batham, R.P. Narwaria	International Journal of Communication Systems	2020	SCI	MITS , Gwalior	0
<b>Chemical Engineering</b>						



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DFT analysis of H <sub>2</sub> S adsorbed zigzag and armchair graphene nanoribbons	Harshika Suman, Reena Srivastava, Sadhna Shrivastava, Anurag Srivastava, A P Jacob, C. S. Malvi	Chemical Physics Letters	2020	1	-	5
<b>IT</b>						
An improved image retrieval by using texture color descriptor with novel local textural patterns	Johari, P.K., Gupta R. K.	International Journal of Advanced Computer Science and Applications	October, 2020	-	MITS, Gwalior	0
Improved Feature selection techniques for Image retrieval based on Metaheuristic Optimization	Johari, P.K., Gupta R. K.	International Journal of Computer Science and Network Security	2021	-	MITS, Gwalior	0
A new procedure for misbehavior detection in vehicular ad-hoc networks using machine learning.	Abhilash Sonker	International Journal of Electrical and Computer Engineering (IJECE)	2021	-	MITS, Gwalior	0
A New Combination of Machine Learning Algorithms using Stacking Approach for Misbehavior Detection in VANETs	Abhilash Sonker	International Journal of Computer Science and Network Security	2020	-	MITS, Gwalior	0
<b>Applied Science</b>						
CFT6 bulk/boundary AdS <sub>5</sub> correspondence and emergent gravity	Deobrat Singh et al.	Physica Scripta	2019	3	MITS, Gwalior	3
A note on Nanosafety: Toxicity of Nanomaterials to Biological Organisms	Deobrat Singh et al.	Our Heritage	2020	0	MITS, Gwalior	0
Atmospheric Electric Field: A Study During Fair Weather	S. Bhattacharya et Al.	J.Curr. Sc.	2019	0	MITS, Gwalior	0
Low Frequency Stochastic Electromagnetic Field Observed	S.Bhattacharya	Intelligent Computing Applications for	2020	0	MITS, Gwalior	0



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in the Ionosphere Possibly Associated with an Earthquake Activity		Sustainable Real-World Systems				
Eu (III)-doped barium tellurooxyphosphate phosphor with orange-red emission	Hansnath Tiwari et al.	Bulletins of Material Science	2020	0	MITS, Gwalior	0

### 26. h-INDEX OF THE INSTITUTIONAL PUBLICATIONS DURING THE YEAR. (2020-2021) (BASED ON SCOPUS/WEB OF SCIENCE)

Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	h-index	Number of Citations Excluding Self Citations	Institutional Affiliation as Mentioned in the Publication
<b>Electrical Engineering</b>						
PSO based optimal design of PID controller for automatic voltage regulator	Ashis Patra (single author)	International research journal of innovations in engineering and technology (IRJIET)	2020	1	0	MITS-Gwalior
Multilevel inverter connected to PV systems	Himansu shukla, Ashis Patra, Kuldeep Swrankar	Iconic research and Engineering Journal (IRE)	2020	1	0	MITS-Gwalior
<b>Electronics Engineering</b>						
HPDST: Holding pathlength domain scheduled traffic in multi-domain optical networks	Deepak Batham, D.S. Yadav	OPTIK	2020	3	2	MITS, Gwalior
A traffic scheduling strategy based on cost function for differentiated class of service in multi-domain optical networks	Deepak Batham, S.K. Pathak, D.S. Yadav, S. Prakash	Optical Fiber Technology	2020	3	0	MITS, Gwalior
Cost function-based class of service provisioning strategy in elastic optical	Shruti Dixit, Deepak Batham, R.P. Narwaria	International Journal of Communication Systems	2020	3	0	MITS, Gwalior



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networks						
<b>CSE</b>						
Improved approach of image clustering using Kmean and quantum spider monkey optimisation algorithm	Jaimala Jha	Journal of information and computational science	Oct 2019	4	--	MITS Gwalior
Comprehensive Overview on Web Usage Mining Task & Techniques	Khushboo Agarwal	IJCSE	2019	2	--	MITS Gwalior
An ensemble classification approach with selective under and over sampling of imbalance intrusion detection dataset	Rajni Ranjan Singh Makwana	International journal of security and its application(IJSIA)	2019	6	-	MITS Gwalior
"Classifier Rank Identification using MultiCriteria Decision Making Method for Intrusion Detection Dataset"	Rajni Ranjan Singh	International Journal of Innovative Technology and Exploring Engineering	2019	6	--	MITS Gwalior
An Approach to Improve the Detection rate using Sampling of Imbalanced Data	Rajni Ranjan Singh Makwana	International Journal for Research in Applied Science & Engineering Technology	2019	6	--	MITS Gwalior
The art of Domain Classification and Recognition for Text Conversation using Support Vector Classifier	R.S. Jadon	International Journal of Arts and Technology, Enderscience	2019	12.0	2	MITS Gwalior
Hand Gesture Object Recognition Based on Combination of Fuzzy Metod, Back Propagation Algorithm and Mamdani Classification Approach	R.S. Jadon	International Journal of Innovative Technology & Exploring Engineering	2019	12	--	MITS Gwalior,



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Malicious Intrusion Detection Using Machine Learning Schemes	R.S. Jadon	International Journal of Engineering and Advanced Technology	2019	12	--	MITS Gwalior
An Effective Approach For Forest Fire Detection in Surveillance Video using Rule-Based and Temporal Variations	Parul Saxena, R S Jadon	International Journal of Scientific & Technology Research	2019	12	--	MITS Gwalior
An Optimal Technique For Predictive Phishing Detection	Anshu Chaturvedi	IJSTR	Feb 2020	5		MITS Gwalior
Review on credit card Fraud Detection using data mining classification techniques & Machine learning algorithms	Amit Kumar Manjhvar	IJRAR	2020	4	1	MITS Gwalior
Credit Card Fraud Detection in Data Mining using XGBoost Classifier	Amit Kumar Manjhvar,	International Journal of Recent Technology and Engineering (IJRTE)	May 2020	4	--	MITS Gwalior
Fake Comments Detection with Sentiment Anatomy using Iterative Sequential Minimal Optimization Algorithm	Amit Kumar Manjhvar	International Journal of Innovative Technology and Exploring Engineering (IJITEE)'	June 2020	4	--	MITS Gwalior
Mining of the Correlations for Fatal Road Accident using Graph-based Fuzzified FP-Growth Algorithm	Mahesh Parmar	International Journal of Engineering and Advanced Technology (IJEAT)	June 2020	4	--	MITS Gwalior
A Comprehensive Review on Road Traffic Fatal Accidents in India	Mahesh Parmar	International Journal of Computer Sciences and Engineering (IJCSE)	April 2020	4	--	MITS Gwalior
Heart Diseases Prediction using Deep Learning Neural Network Model	Mahesh Parmar	International Journal of Innovative Technology and Exploring	January 2020	4	--	MITS Gwalior



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		Engineering (IJITEE)				
Surveyon Data Mining Classification Techniques for Prediction of Lung Cancer	Mahesh Parmar	International Journal of Latest Trends in Engineering and Technology (IJLTET)	December 2019	4	--	MITS Gwalior
Multilevel Fraud Detection System using Voting Techniques.	Mahesh Parmar	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	October 2019	4	--	MITS Gwalior
Optimal Hesitation Rule Mining using weighted Apriori with Genetic Algorithm.	Mahesh Parmar	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	October 2019	4	--	MITS Gwalior
<b>Chemical Engineering</b>						
DFT analysis of H <sub>2</sub> S adsorbed zigzag and armchair graphene nanoribbons	Harshika Suman, Reena Srivastava, Sadhna Shrivastava, Anurag Srivastava, A P Jacob, C. S. Malvi	Chemical Physics Letters	2020	1	5	
<b>IT</b>						
An improved image retrieval by using texture color descriptor with novel local textural patterns	P.K. Johari	International Journal of Advanced Computer Science and Applications	October, 2020	1	0	MITS, Gwalior
Improved Feature selection techniques for Image retrieval based on Metaheuristic Optimization	P.K. Johari	International Journal of Computer Science and Network Security	2021	1	0	MITS, Gwalior
A new procedure for misbehavior detection in vehicular ad-hoc networks using machine learning	Abhilash Sonker	International Journal of Electrical and Computer Engineering (IJECE)	2021	2	0	MITS, Gwalior
A New Combination of Machine Learning Algorithms using Stacking Approach for Misbehavior Detection in	Abhilash Sonker	International Journal of Computer Science and Network Security	2020	2	0	MITS, Gwalior



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VANETs					
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### 27. RESEARCH PUBLICATIONS IN THE JOURNALS NOTIFIED ON UGC WEBSITE DURING THE YEAR

	Department	No. of Publication	Average Impact Factor, if any
<b>National</b>	Civil Engineering	-	
	Mechanical Engineering/Automobile Engg.	4	
	Electrical Engineering/Elect.(IOT)	25	
	Electronics Engineering/ET	-	
	CSE	-	
	Chemical Engineering	-	
	IT/IT(IOT)/IT(AIR)	-	
	MAC	2	
	Applied Sciences	-	
	Humanities	-	
	Architecture	12	
<b>International</b>	Civil Engineering	-	
	Mechanical Engineering/Automobile Engg.	8	
	Electrical Engineering/Elect.(IOT)	2	
	Electronics Engineering/ET	19	
	CSE	5	
	Chemical Engineering	-	
	IT/IT(IOT)/IT(AIR)	8	0.66
	MAC	4	
	Applied Sciences	-	
	Humanities	-	
	Architecture	1	



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**28. RESEARCH, CONSULTANCY, OTHER FUNDING, EXTENSION (Projects Sanctioned & Ongoing Including In-House Projects)**

S. No.	Name of Principal Investigator	Title	Name of Agency	File No.	Sanction Date	Approved Duration	Grant-in-aid Sanctioned	Amount to be Released
<b>Civil Engineering</b>								
1	Dr. Pankaj Kumar	Nonlinear Mechanics of Elasto-Flexible Cables using Placement Model	AICTE	-	18 June 2019	Dr. Pankaj Kumar	1058000/-	50% of Sanctioned
<b>Mechanical Engineering</b>								
1	Dr. Pratesh Jayaswal	Skill and Personality Development Program for Centre of SC/ST Students	AICTE	-	-	3 years	15,46,750/-	7,73,375/-
2	Dr. C.S. Malvi	Modernization of Theory of Machine Lab	AICTE MODROB	9-21/RIFD/MOD/POLICY1/2018-19	16/12/2019	2 years	9,00,000/-	9,00,000/-
3	Dr. M.K.Gaur	Performance Investigation of Solar Thermal system for sustainable Built Environment	AICTE	8-24/FDC/RPS/2019-20	14/08/2020	3 Years	1600392/-	1576386/-
4	Dr. Dharmendra Jain	3D modelling and Finite element analysis of Human bone generated from CT scan and MRI Data	TEQIP-III CRS	-	18 June 2020	1.5 Year	1735000.00/-	-
5	Dr Amrat Kumar Dhamneya	Performance Enhancement of Solar Distillation System using Nanoparticles	TEQIP-III CRS	-	18 June 2020	1.5 YEAR	1290000/-	-
<b>Electrical Engineering</b>								
1.	Prof. Himmat Singh Ahirwar (PI), Dr. Laxmi Srivastava (CO-PI)	Evolutionary Computing based approach for Reactive Power Management in Power	TEQIP-III	Order No.616	09.03.2020	1.5 Years	Rs.1,72,500/-	-



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		System						
2.	Praveen Bansal (PI)	Design & Analysis of single phase shunt active power filters using Multilevel Inverters	TEQIP-III	Order No.614	09.03.2020	1.5 Years	Rs.1,92,280/-	-
3.	Prof. Vishal Chaudhary (PI) Dr. Hari Mohan Dubey (CO-PI)	Operational issues due to integration of Renewable Energy Resources into the Power System	TEQIP-III	Order No.615	09.03.2020	1.5 Years	Rs.1,72,500/-	-
4.	Dr. M. Pandit	Addressing Power System Operational Challenges with Renewable Energy Resources Using Nature Inspired Optimization Techniques	Under Research Promotion Scheme (RPS)	F. No.8-36/RIFD/RPS/POLIC Y-1/2016-17	2nd August 2017	16th September 2017 to 15th September 2020	Rs.12.35 Lakh	-
5.	Hari Mohan Dubey	Investigation of Microgrid operational challenges for rural areas due to Renewable Energy Resources	AICTE (RPS)	8-228 / RIFD/RPS (POLICY -1) / 2018-19	20 March 2020	3 year	Rs. 394000/-	Rs. 6,000/-
6.	Punjan Dohare (PI) Dr. A. K. Wadhvani (Co-PI)	The three-dimensional approach in joint replacement technique to aid the orthopaedic surgeons	CRS	-	18 June 2019	1.5 Year	Rs 1487000/-	-
7.	Saurabh Kumar Rajput (PI) Dr. Sulochana Wadhvani (Co-PI)	Health Monitoring with Energy Conservation of Ring Frame Three Phase Induction Motor (RFTPIM) in Textile Industries using Soft Computing Techniques	CRS	-	18 June 2019	2.0 Year	Rs. 1377000/-	-
8.	Bhavna Rathore (PI), Dr. Laxmi Srivastava (Co-PI) Rahul Sagwal (Co-PI)	Impact of Renewable Energy Source Integration on Power System Inertia: Challenges & Solutions	CRS	-	18 June 2019	1.5 Year	Rs.1717000 (after revision of budget)	-
<b>Electronics Engineering</b>								
1	Dr. Laxmi Shrivastava Prof. Saurabh Singh	Stress Detection Using EEG Signal	IRS-2020, TEQIP III	File No. IRS/2020/R&D/C	09/03/2020	1.5 Years	Rs. 1,78,000/-	-



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	Raghuvanshi			E/MKT/09/617				
2	Dr Karuna Markam Dr Vikas Mahor	Design of High Speed Non Volatile Memristor based SRAM Cell for Cache memories	IRS-2020, TEQIP III	File No. IRS/2020/R&D/C E/MKT/12/620	09/03/2020	1.5 Years	Rs 1,95,970/-	-
3	Madhav Singh	IoT based Wireless Sensor Network for Air Monitoring	IRS-2020, TEQIP III	File No. IRS/2020/R&D/C E/MKT/11/6 19	09/03/2020	1.5 Years	Rs 1,70,000/-	-
4.	Vandana Vikas Thakare/Dr. P. K. Singhal	Design and Analysis of High Gain Dual-Polarized Base Station Antenna Array for 4G/5G Applications.	IRS-2020, TEQIP III	File No. IRS/2020/R&D/C E/MKT/10/618	09/03/2020	1.5 Years	Rs 1,86,000/-	-
<b>IT</b>								
1	Dr.Sanjiv Sharma	Cognitive Literary Studies for the Progress of Computational Cognitive Modelling: A Humanities Inspired Approach to Technology Advances	AICTE CRS	1-5729547647	18/6/2019	18/6/2019	716000	0
<b>Humanities</b>								
1	ValiurRahaman Faculty ID: I-4259936270	Cognitive Literary Studies for the Progress of Computational Cognitive Modelling	NPIU-TEQIP-III	D: I-4259936270	June 2019	1-1.6	358000	358000

### 29. RESEARCH, CONSULTANCY, OTHER FUNDING, EXTENSION (PROJECTS COMPLETED THIS YEAR (2020-2021); UC SENT)

S. No.	Name of Principal Investigator	Title	Name of Agency	File No.	Sanction Date	Approved Duration	Grant-in-aid Sanctioned	Amount to be Released
<b>Electrical Engineering</b>								
1	Dr. Manjaree Pandit	Addressing Power System Operational Challenges with Renewable Energy Resources Using Nature Inspired Optimization Techniques	AICTE under RPS	8-36/RIFD/RPS/POL ICY-1/2016-17	2nd August 2017	2017-2020	Rs. 12,35,294	-
<b>Humanities</b>								
1	Valiur Rahaman	Cognitive Literary	NPIU-	D: I-4259936270	June 2019	1-1.6	358000	358000



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	Faculty ID: I-4259936270	Studies for the Progress of Computational Cognitive Modelling	TEQIP-III					
<b>Architecture</b>								
1	Dr. Alok Sharma (HOD Architecture)	Modernization and Removal of Obsolescence Scheme (MODROB)	AICTE	F. No. 9-29/RIFD/MODRO B/Policy-1/2017-18	2018-2019	2 Year	17,49,000	17,49,000

### 30. RESEARCH PROJECT/PROPOSALS SUBMITTED TO FUNDING AGENCY (IN-HOUSE PROJECTS INCLUDED)

S. No.	Name of PI/Co-PI	Project Title	Name of Agency	Proposed Duration	Amount
<b>Electrical Engineering</b>					
1	Dr. Sulochana Wadhvani/ Kuldeep Kumar Swarnkar	Digital Image Fusion and its Applications in Medical Diagnostic Imaging	AICTE	02 Year	10. LAC
<b>CSE</b>					
1	Dr. Manish Dixit, Dr. R.R. Singh	An intelligent and efficient framework for the approximation of Covid 19 and other significant respiratory disease in real time scenario	AICTE New Delhi	2 Years	Rs 20,28,000/-

### 31. INTERNAL REVENUE GENERATED

#### 31(a) REVENUE GENERATED FROM CONSULTANCY DURING THE YEAR

Name of the Consultant(s)/ Department	Name of Consultancy Project	Consulting/Sponsoring Agency	Revenue Generated (Amount in Rupees)
<b>Civil Engineering</b>			
Concrete Lab	Testing	-	79461
Soil Lab	Testing	-	4296



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Highway Lab	Testing	-	60442
Strength of Materials Lab	Testing	-	29914
PHE	Testing	-	22000
<b>Electrical Engineering</b>			
Electrical Engineering department	Oil Testing	M/s Kurlon Ltd., Malapur	5216
	Oil Testing	M/s The supreme industries ltd., Malanpur	2608
	Oil Testing	M/s The supreme industries ltd., Malanpur	1074
	Equip. Testing	M/s Maheshwari Electrical Contractor, Gwalior	4602
	Equip. Testing	M/s Mukesh Enterprises, Gwalior	3068
	Equip. Testing	M/s Mukesh Enterprises, Gwalior	2148
	Oil Testing	M/s The Supreme Industries Ltd Malanpur	3068
	Equip. Testing	M/s Ram Naresh Singh , Gwalior	4296
	Oil Testing	M/s Punj Lloyd Ltd. Malanpur	2148
	Oil Testing	M/s Helios Life Sciences Ltd, Malanpur	1074
	Oil Testing	M/s Taj Usha Kiran Palace, Gwalior	2608
	Oil Testing	M/s Supreme Industries Ltd., Malanpur	2148
	Oil Testing	M/s Punj Lloyd Ltd. Malanpur	4296.

### 31(b) REVENUE GENERATED FROM CORPORATE TRAINING BY THE INSTITUTION DURING THE YEAR

Name of the Consultant(s) & Department	Title of the Programme	Agency Seeking Training	Revenue Generated (Amount in Rupees)	Number of Trainees
NIL				

### 32. NEW LABS ESTABLISHED/EQUIPMENTS PURCHASED THIS YEAR

S.No.	Name of New Lab	Name of New Equipments	Utilization Status
<b>Mechanical Engineering</b>			
1	Building Science and Energy	Air velocity, Ambient Temperature and Humidity vane	Lab for research purpose



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Conservation Lab		Anemometer	
<b>Electrical Engineering</b>			
1	Sensors Technology lab	-	Installation and demo is pending
2	Industrial Automation Lab	<ol style="list-style-type: none"> <li>1. Industrial PLC Trainer</li> <li>2. Rotary Transfer Unit</li> <li>3. Conveyor Belt</li> <li>4. Lift Elevator</li> <li>5. Water Level Control</li> <li>6. SCADA Software</li> </ol>	Installation & Demo is completed
3	Renewable Energy lab	<ol style="list-style-type: none"> <li>1. Smart Grid Simulation Software</li> <li>2. PQ Analysis</li> <li>3. Phasor measurement unit</li> <li>4. Smart Grid simulator with Real Time Data Acquisition system and power measurement unit hardware.</li> <li>5. Renewable energy &amp; Smart Grid Hardware Simulator Solar Power Generation System (2KW) Grid-tie Inverter with charge controller, Wind Turbine with Charge Controller (1 KW), Battery Bank 12V, 100Ah Rating</li> </ol>	Installation & Demo is completed
<b>CSE</b>			
1		VEIKK A 50 graphic tablet Drawiry Tablet 10/06 Inch	100%
2		VEIKK A 30 graphic tablet Drawiry Tablet 10/06 Inch Sr. No. (I)VKA23CAB3324064 (II)VKA28CAB3319521 (III)VKA28CAB3286225 (IV)VKA28CAB3287986	100%
3		Printer Image Class Multifunction MF 241 d Sr. No. WQP12880	100%
4		Dell latitude 3410 I7 Sr. No. HKWNB63	100%
5		ViViTECH Qumi Q6 LED Projector Sr N. WQ6-BK8370059	100%
6		USB Camera for HDCO Conferencing System Model- AVER CAM 340+	100%
7		Interactive Panel and Accessories Model- ViewSonic IFP7550-2	100%
8		View Sonic Intel Micro PC(MPC)	100
9		AVER PTZ Video Conferencing Camera 1080p, 60FPS, Resolution Model- AVER-CAM 520	100%
10		Logitech C922 Pro Stream Webcam HD 1080P/ 30fps or HD 720P/ 60fps, Hyperfast Streaming, stereo Audio, HD Light Corrcion, Autofocus for youtube, Twitch, Xplits, PC/MAC/Laptop/	100%



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		Mackbook/Tablet-BlackLogitech C922 Pro Stream Webcam HD 1080P/ 30fps or HD 720P/ 60fps, Hyperfast Streaming, stereo Audio, HD Light Corrcion, Autofocus for youtube, Twitch, Xplits, PC/MAC/Laptop/Mackbook/Tablet-Black	
<b>MAC</b>			
1	Computer Lab.	30 Latest Systems (Core i7)	Used by Students for carrying out practice of software/languages prescribed in the syllabi
<b>Architecture</b>			
1	MODROB of Wood Woking	Lath machine 3D printer Table show Grinder Portable welding machine CNC Router Redial Show thickness Planer	Not submitted

### 33. BOOKS/BOOK CHAPTERS PUBLISHED

S. No.	Name of Author(s)	Title of Book Chapter/eBook Published	Publisher	ISBN/EISBN
<b>Electrical Engineering</b>				
1	Manjaree Pandit, Aayush Shrivastava, Devender Saini	Relay Coordination Optimization for Solar PV Integrated Grid Using the Water Cycle Optimization Algorithm /Applied Soft Computing and Embedded System in Solar Energy	CRC press	ISBN: 9780367625122 eBook ISBN: 9781003121237
2	Harimohan Dubey, Manjaree Pandit, Laxmi Srivastava, Bijaya Ketan Panigrahi	“Artificial Intelligence and Sustainable Computing”, Proceedings of ICSISCET 2020	Springer, Singapore	doi: <a href="https://doi.org/10.1007/978-981-16-1220-6">https://doi.org/10.1007/978-981-16-1220-6</a> (e-book) ISBN 978-981-16-1220-6 <a href="https://link.springer.com/book/10.1007/978-981-16-1220-6">https://link.springer.com/book/10.1007/978-981-16-1220-6</a>
3	Sunita Shukla, Manajaree Pandit	An Optimum Multi-objective Dynamic Scheduling Strategy for a Hybrid Microgrid System Using Fuzzy Rank-Based Modified Differential Evolution Algorithm/ Artificial Intelligence and Sustainable Computing.	Springer, Singapore	ISBN: 9789811612190 eBook ISBN: 978-981-16-1220-6



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		Algorithms for Intelligent Systems		
4	Poonam Singh, Manjaree Pandit, Laxmi Srivastava, Nikhil Paliwal	Techno-Economic Assessment of a Hybrid Renewable Energy System Using Dynamic Search Space/ Artificial Intelligence and Sustainable Computing	Springer, Singapore	ISBN: 9789811612190 eBook ISBN: 978-981-16-1220-6
5	Vishal Chaudhary, Hari Mohan Dubey, Manjaree Pandit	Combined Heat–Power Economic Emission Dispatch for a Microgrid Using Coyote Optimization/ Artificial Intelligence and Sustainable Computing	Springer, Singapore	ISBN: 9789811612190 eBook ISBN: 978-981-16-1220-6
6	Nikhil Paliwal, Poonam Singh, Manjaree Pandit, Laxmi Srivastava	Combined Heat–Power Economic Emission Dispatch for a Microgrid Using Coyote Optimization/ Artificial Intelligence and Sustainable Computing	Springer, Singapore	ISBN: 9789811612190 eBook ISBN: 978-981-16-1220-6
7	Saurabh Kumar Rajput, Dharmendra Kumar Dheer, Sulochana Wadhvani	Improving Energy Efficiency of Ring Frame Motor of Textile Industry	Springer, Singapore	Print ISBN: 978-981-16-1219-0 Online ISBN: 978-981-16-1220-6 DOI: <a href="https://doi.org/10.1007/978-981-16-1220-6_32">https://doi.org/10.1007/978-981-16-1220-6_32</a>
8	Abhishek Pratak Singh, Aditya Singhal, Akansha Athaya, Saurabh Kumar Rajput, Laxmi Srivastava, Vikas Sharma	Energy Audit of Hybrid (Grid, Solar Rooftop Photovoltaic System and Diesel Generator) Electric Power Supply System: A Case Study of Commercial Building	Springer, Singapore	Print ISBN: 978-981-15-7993-6 Online ISBN: 978-981-15-7994-3 DOI: <a href="https://doi.org/10.1007/978-981-15-7994-3_27">https://doi.org/10.1007/978-981-15-7994-3_27</a>
9	Saurabh Kumar Rajput, Sulochana Wadhvani, Jay Singh	Reliability and Energy Efficiency of Ring Frame Machine in Textile Industries: Secure, Smart, and Reliable Network.	Springer, Singapore	Print ISBN: 978-981-15-9937-8 Online ISBN: 978-981-15-9938-5 DOI: <a href="https://doi.org/10.1007/978-981-15-9938-5_61">https://doi.org/10.1007/978-981-15-9938-5_61</a>
10	Abhinav Kumar Babul, Saurabh Kumar Rajput, Himmat Singh, Ramesh Chandra Yadaw	Energy and Economic Analysis of Grid-Type Roof-Top Photovoltaic (GRPV) System.	Springer, Singapore	Print ISBN: 978-981-15-8814-3 Online ISBN: 978-981-15-8815-0 DOI: <a href="https://doi.org/10.1007/978-981-15-8815-0_34">https://doi.org/10.1007/978-981-15-8815-0_34</a>
11	Arjun Deo, Saurabh Kumar Rajput	Improving Energy Efficiency and Reducing CO <sub>2</sub> Emission of Institutional Building: An Energy Audit Case Study.	Springer, Singapore	Print ISBN: 978-981-16-1185-8 Online ISBN: 978-981-16-1186-5 DOI: <a href="https://doi.org/10.1007/978-981-16-1186-5_11">https://doi.org/10.1007/978-981-16-1186-5_11</a>



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12	Kingshuk Roy, Laxmi Srivastava and Shishir Dixit	"Power Loss Sensitivity and GWO-Based Approach for Optimal Capacitor and DG Allocation in Distribution System "	Springer, Singapore	Print ISBN: 978-981-15-7993-6 Online ISBN: 978-981-15-7994-3 DOI: <a href="https://doi.org/10.1007/978-981-33-4604-8-59">https://doi.org/10.1007/978-981-33-4604-8-59</a>
13	Kingshuk Roy, Laxmi Srivastava and Shishir Dixit	"MVO-Based Approach for Optimal DG and Capacitor Allocation",	Springer, Singapore	Print ISBN: 978-981-16-1220-6 DOI: <a href="https://link.springer.com/chapter/10.1007/978-981-16-1220-6_7">https://link.springer.com/chapter/10.1007/978-981-16-1220-6_7</a>
<b>Electronics Engineering</b>				
1	Dixit S., Batham D., Narwaria R.P	Elastic Optical Network: A Promising Solution for Future Communication Networks Considering Differentiated CoS	Springer	978-981-33-4893-6
<b>CSE</b>				
1	Dr. R.S. Jadon	RUSDataBoost-IM: Improving Classification Performance in Imbalanced Data	Springer, Singapore	978-981-15-5679-1
2	Dr. Manish Dixit	An Intelligent Surveillance System for Human Behavior Recognition: An Exhaustive Survey"	International Publisher	
3	Dr. Manish Dixit	Integrating Blockchain with AI	IGI Global	9781799858768
<b>IT</b>				
1	Dr.Sanjiv Sharma	Basic modeling of 'cognitive sensors' based on literary study of 'thick description' of human behavior	© IOP Publishing Ltd	978-0-7503-2707-7
2	Dr.Sanjiv Sharma	A Comparative Study of Existing Mechanisms for Implementation of OBE in Various Countries	IGI Global	9781799847854
3	Dr.Sanjiv Sharma	Reading an extremist mind through literary language: approaching cognitive literary hermeneutics to R.N. Tagore's play The Post Office for neuro-computational predictions	Elsevier	978-0-12-819445-4



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### 34. BOOKS AND CHAPTERS IN EDITED VOLUMES/BOOKS PUBLISHED, AND PAPERS IN NATIONAL/INTERNATIONAL CONFERENCE PROCEEDINGS PER TEACHER DURING THE YEAR

Department	No. of Publication
Civil Engineering	-
Mechanical Engineering	-
Electrical Engineering/Elect.(IOT)	13
Electronics Engineering	02
CSE	03
Chemical Engineering	-
Information Technology/IT(IOT)/IT(AIR)	(No. of Publications)12/ (Number of faculties)7= 1.71
Engineering Mathematics & Computing (MAC)	03
Applied Sciences	01
Humanities	01 [Dr. ValiurRahaman: Big Data Analytics in Cognitive Social Media and Literary Texts: Theory and Praxis", Springer International Singapore.]
Architecture	-

### 35. PATENTS PUBLISHED/AWARDED DURING THE YEAR

S. No.	Patent Title	Applicant	Year of Application	Application No.
<b>Mechanical Engineering</b>				
1	An Intelligent Electric Moving Machine (IEMM) Embedded System	Jyoti Vimal	2021	202011057348 A
<b>Electrical Engineering</b>				
1	Design patent in Intellectual Property, India in the Innovation on Testing Device for Checking Purity and Nutritional Content of Milk Product	Dr. Shishir Dixit	12/03/2021 (Published)	332119-001
2	Australian Patent in Intellectual Property, Australian Government in the Innovation	Dr. Shishir Dixit	21-04-2021 (Published)	2021101251 Applied date 10-03-



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	on Block Chain Based Integrated Forecast, Demand and Supply Chain Management System for Marketplace with the Approach of Machine Learning			2021
<b>Electronics Engineering</b>				
1	A Microstrip Moisture Sensor	Sweety Jain, Pankaj Kumar Mishra, Vandana Vikas Thakare, Jyoti Mishra	24-September- 2020	202011041607
2	Design of Hexagonal Shaped Hybrid Fractal Quad Band Antenna for Wireless Application	Rakesh Singhai, Jyoti Singhai, P.K.Singhal, Binod Kumar Soni and Piyush Kumar Shukla	16-November-.2020	2020103463 Granted
<b>IT</b>				
1	Dynamic Digital Twin System and A Method of Operating Thereof	Dr. Sanjiv Sharma	2020 ( Published) 2021(Granted)	2020103853
2	Fuzzy Logic-Based Query Expansion Method for Efficient Information Retrieval using Relevance Feedback Approach	Dr. Saumil Maheshwari	2021 (Granted)	2021101672
3	A System for Trust Based Prediction in Online Social Network	Dr. Sanjiv Sharma	2021 (Filed)	20211108397

### 36. ACTIVITIES CONDUCTED TO PROMOTE GENDER SENSITIZATION, ENVIRONMENT CONSCIOUSNESS, SUSTAINABILITY, ALTERNATE SOURCES OF ENERGY & ETHICS AND VALUES AMONG STUDENTS

S. No.	Title of Event	Name(s) of Internal/External Resource Persons	No. of Participants	Date(s)	Duration	Participation Level (Institute/Inter College /District/State etc..)
<b>Electrical Engineering</b>						
1	Sustainable Energy Resources	Prof. Kuldeep Kumar Prof. Praveen Bansal	24	26th September 2020	01 Day	Institute
<b>Electronics Engineering</b>						
1	Webinar - under Online One Day Workshop on "Importance of Ethics and Moral Values" 05th February 2021 under TEQIP-III	Dr. Gourakh Parulkar, MD, DNB & Pathologist Harda	39	05-02-2021	1-2hours	Institute



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2	Debate competition on “Shifting from notebook to tablet during pandemic” - under Online One Day Workshop on “Importance of Ethics and Moral Values”	Dr. Karuna Markam & Prof. Pooja Sahoo	24	05-02-2021	1-2hours	Institute
3	Online quiz on “Ethical Research” - under Online One Day Workshop on “Importance of Ethics and Moral Values”	Dr. R. P. Narwaria	39	05-02-2021	1hours	Institute
4	Online webinar on Gender Equity and Poster presentation	Dr. Kushumlata Singhal	35	08-03-2021	2 hours	Institute
<b>CSE</b>						
1	Online workshop on gender equality and women safety	Dr. Breeze Tripathi	33	10/07/2020	One Day	State
2	Training for Gender Warriors on Gender Sensitization	Ms. Purna Priya	30	27.02.2021	One Day	Institute
3	Workshop on "Healing of Minds"	Dr. Namrata Singh	56	08.03.2021	One Day	Institute
4	Workshop on :Stress during COVID and it's Management"	Dr. Nand Kumar Singh	94	2.05.2021	One Day	Inter College
5	Online workshop on gender equality and women safety	Dr. Breeze Tripathi	33	10/07/2020	One Day	State
<b>Chemical Engineering</b>						
1	Energy Swaraj Foundation”Role of Youth in Attaining Atmanirbhar Bharat in Energy Energy	Prof. Chetan S Solanki	38	2/10/2020	3hrs	State level/Institute level

### 37. INITIATIVES TAKEN FOR ACADEMICALLY GOOD BUT FINANCIALLY WEAK STUDENTS ( Details of scholarships started with the help from Alumni/other organization, Fund Generated or any other help provided)

S. No.	Scholarships started with the help from Alumni (Yes/No)	Amount Generated	Number of Student Beneficiaries	Any other Activity
<b>Electronics Engineering</b>				
1	Yes	Tuition Fee of the course	02	-
<b>CSE</b>				



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1	Yes	Tuition Fee Sponsored by M/s Smart Controls (I) Ltd.	Ayushi Jain (CSE)	-
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### 38. PROVIDING STUDENT SUPPORT, GUIDANCE, COUNSELLING AND ORIENTATION

S. No.	Date(s)	Session Topics	Guidance/ Counselling/ Orientation	Class	Delivered By (Name of Faculty/Counsellor)	No. of Students
<b>Mechanical Engineering</b>						
1	15/07/2020	Introduction of OBE by OBE Coordinator	Orientation (online mode)	II- Year III- Year IV- Year	Prof. Ajay Singh Rajput	251
2	15/07/2020	Importance of Self-Learning through SWAYAM	Orientation (online mode)	II- Year III- Year IV- Year	Prof. Bhupendra Pandey	251
3	15/07/2020	Career Opportunities/ How to Prepare for GATE	Orientation (online mode)	II- Year III- Year IV- Year	Prof. Sharad Agrawal	251
4	15/07/2020	Importance of Feedback (CO-PO, Curriculum, Faculty)	Orientation (online mode)	II- Year III- Year IV- Year	Prof. Utkarsh Shrivastava	251
5	15/07/2020	Institute MOODLE and MOODLE Activities and its usage	Orientation (online mode)	II- Year III- Year IV- Year	Prof. Utkarsh Shrivastava	251
6	15/07/2020	Effort by the Institute for Students Development like Chapter, Clubs etc.	Orientation (online mode)	II- Year III- Year IV- Year	Dr. Jyoti Vimal	251
7	15/07/2020	Importance of taking part in Technical Activities Outside the Institute	Orientation (online mode)	II- Year III- Year IV- Year	Dr. C. S. Malvi/Prof. Vaibhav Shivhare	251
8	15/07/2020	Assignment of Projects based on Industrial/Societal needs	Orientation (online mode)	II- Year III- Year IV- Year	Prof. Puneet Nema	251
9	15/07/2020	Importance of Internships	Orientation	II- Year	Dr. Amit Ahirwar	251



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			(online mode)	III- Year IV- Year		
10	15/07/2020	Special Provision for Flexible Curriculum	Orientation (online mode)	II- Year III- Year IV- Year	Prof. Vedansh Chaturvedi	251
11	15/07/2020	Importance of Attending Special Classes for Remedial Purposes	Orientation (online mode)	II- Year III- Year IV- Year	Prof. Vedansh Chaturvedi	251
12	15/07/2020	Compulsion for Attendance Norms	Orientation (online mode)	II- Year III- Year IV- Year	Dr. M.K. Gaur	251
13	15/07/2020	Importance of Integrity, Ethics and Institute Guideline for Plagiarism	Orientation (online mode)	II- Year III- Year IV- Year	Dr. M. K. Sagar	251
14	15/07/2020	Other Information Important for the Students Regarding Attendance, Mid-Term etc.	Orientation (online mode)	II- Year III- Year IV- Year	Dr. M. K. Sagar	251
15	15/07/2020	Introduction to Schemes, Minor, Honour Courses Evaluation (Flexible Curriculum)	Orientation (online mode)	II- Year III- Year IV- Year	Dr. M. K. Sagar	251
16	03/12/2020	Department Virtual Tour	Orientation (online mode)	I- Year	Prof Shubham Shrivastav/ Prof. Kaustubh khot	78
17	03/12/2020	Introduction of Department	Orientation (online mode)	I- Year	Prof Sharad Agrawal	78
18	03/12/2020	Alumni Videos	Orientation (online mode)	I- Year	Prof Sharad Agrawal	78
18	03/12/2020	Career Guidance	Orientation (online mode)	I- Year	Prof. Kaustubh khot	78
20	03/12/2020	Introduction to Scheme- Credits	Orientation (online mode)	I- Year	Prof. Vedansh Chaturvedi	78
21	03/12/2020	Class Announcement	Orientation (online mode)	I- Year	Dr. Amit Aherwar	78
22	03/12/2020	Quiz/Contest-1 (Top 5 Winners Announcement)	Orientation (online mode)	I- Year	Prof. Utkarsh Srivastava/Prof. Subash Chand Pal	78
23	04/12/2020	Elaborate Every Semester 7 its	Orientation	I- Year	Prof. Vedansh Chaturvedi/ Dr.	78



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		Subjects/Scheme & Syllabus- DE/DC/OC	(online mode)		Jyoti Vimal	
24	04/12/2020	Open Access Learning Resources	Orientation (online mode)	I- Year	Prof. Bhupendra Kumar Pandey	78
25	04/12/2020	Importance and Types of Feedback	Orientation (online mode)	I- Year	Prof. Ajay Singh Rajput	78
26	04/12/2020	Other Activities of Department	Orientation (online mode)	I- Year	Prof. Vaibhav Shivhare	78
27	04/12/2020	Quiz/Contest-2 (Top 5 Winners Announcement)	Orientation (online mode)	I- Year	Prof. Utkarsh Srivastava/Prof. Subash Chand Pal	78
28	29/01/2021	Interaction with HOD	Orientation (online mode)	II- Year III- Year IV- Year	Dr. Pratesh Jayaswal	191
29	29/01/2021	Introduction of OBE by OBE Coordinator	Orientation (online mode)	II- Year III- Year IV- Year	Prof. Ajay Singh Rajput	191
30	29/01/2021	Importance of Self-Learning through SWAYAM	Orientation (online mode)	II- Year III- Year IV- Year	Prof. Bhupendra Pandey	191
31	29/01/2021	Career Opportunities/ How to Prepare for GATE	Orientation (online mode)	II- Year III- Year IV- Year	Prof. Sharad Agrawal	191
32	29/01/2021	Importance of Feedback (CO-PO, Curriculum, Faculty)	Orientation (online mode)	II- Year III- Year IV- Year	Prof. Utkarsh Shrivastava	191
33	29/01/2021	Institute MOODLE and MOODLE Activities and its usage	Orientation (online mode)	II- Year III- Year IV- Year	Prof. Utkarsh Shrivastava	191
34	29/01/2021	Effort by the Institute for Students Development like Chapter, Clubs etc.	Orientation (online mode)	II- Year III- Year IV- Year	Dr. Jyoti Vimal	191
35	29/01/2021	Importance of taking part in Technical Activities Outside the Institute	Orientation (online mode)	II- Year III- Year IV- Year	Dr. C S Malvi/Prof. Vaibhav Shivhare	191
36	29/01/2021	Assignment of Projects Based on	Orientation	II- Year	Prof. Puneet Nema	191



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		Industrial/Societal Needs	(online mode)	III- Year IV- Year		
37	29/01/2021	Importance of Internships	Orientation (online mode)	II- Year III- Year IV- Year	Dr. Amit Ahirwar	191
38	29/01/2021	Special Provision for Flexible Curriculum	Orientation (online mode)	II- Year III- Year IV- Year	Prof. Vedansh Chaturvedi	191
39	29/01/2021	Importance of Attending Special Classes for Remedial Purposes	Orientation (online mode)	II- Year III- Year IV- Year	Prof. Vedansh Chaturvedi	191
40	29/01/2021	Compulsion for Attendance Norms	Orientation (online mode)	II- Year III- Year IV- Year	Dr. M. K. Gaur	191
41	29/01/2021	Importance of Integrity, Ethics and Institute Guideline for Plagiarism	Orientation (online mode)	II- Year III- Year IV- Year	Dr. M. K. Sagar	191
42	29/01/2021	Other Information Important for the Students Regarding Attendance, Mid-Term etc.	Orientation (online mode)	II- Year III- Year IV- Year	Dr. M. K. Sagar	191
43	29/01/2021	Introduction to Schemes, Minor, Honour Courses Evaluation (Flexible Curriculum)	Orientation (online mode)	II- Year III- Year IV- Year	Dr. M. K. Sagar	191
<b>Electrical Engineering</b>						
1	15/07/2020	Presentation on Scheme, Syllabus, GATE, Club, Students' Chapter, Alumni.	Orientation	B.Tech. Second year	Vishal Chaudhary	119
2	08/01/2021	Presentation on Scheme, Syllabus, GATE, Club, Students' Chapter, Alumni.	Orientation	B.Tech. Second year	Vishal Chaudhary	125
3	09/01/2021	1. Status of Moodle registration and their grievance 2. Accessing of course material via moodle or shared drive link by faculty 3. Difficulty in attending quiz/	Guidance	B.Tech. First year	Dr. Vijay Bhuria Prof. Shweta Kumari Prof. Aprajita Kumari	58



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		assignments and marking of attendance 4. Any other matter related to academic activity				
4	30/01/2021	1. Accessing of course material via moodle or shared drive link by faculty 3. Difficulty in attending quiz/ assignments and marking of attendance 4. Any other matter related to academic activity	Guidance	B.Tech. First year	Dr. Vijay Bhuria Prof. Shweta Kumari Prof. Aprajita Kumari	60
5	15/07/2020	Presentation on Scheme, Syllabus, GATE, Club, Students' Chapter, Alumni.	Orientation	B.Tech. Third Year (V Sem)	Kuldeep Kumar Swarnkar	85
6	15/07/2020	Presentation on Scheme, Syllabus, GATE, Club, Students' Chapter, Alumni.	Orientation	B.Tech. Third (VI Sem) year	Kuldeep Kumar Swarnkar	63
<b>Electronics Engineering</b>						
1	26-09-2020	Importance of Assignment & Quiz	Guidance	II year ET	Deep Kishore Parsediya	20
2	09-08-2020	Importance of Regular class attendance	Guidance	III Year Electronics	Dr. R. P. Narwaria	32
3	25-08-2020	Importance of Assignment & Quiz	Guidance	III Year Electronics	Dr. R. P. Narwaria	35
4	22-09-2020	Importance of additional classes	Guidance	III Year Electronics	Dr. R. P. Narwaria	28
5	12-08-2020	Importance of Regular class attendance, DE and OC	Guidance	IV Year ET	Dr Karuna Markam	24
6	21-09-2020	NPTEL	Guidance	IV Year ET	Dr Karuna Markam	22
7	10-08-2020	Importance of Assignment & Quiz	Guidance	II Year EC	Madhav Singh	25
8	28-09-2020	Issues of students, Problems sharing	Guidance	II Year EC	Madhav Singh	22
9	09-08-2020	Importance of Regular class attendance	Guidance	III Year ET	Pooja Sahoo	42
10	20-08-2020	Medium & Slow learners meeting	Guidance	III Year ET	Pooja Sahoo	34
11	17-09-2020	Issues of students, Problems sharing	Guidance	III Year ET	Pooja Sahoo	24
12	11/01/2021	Brief about the Scheme of 8th sem	Guidance	IV Year Electronics	Dr. R. P. Narwaria	58
13	27/01/2021	Brief about the Internship Policy	Guidance	IV Year Electronics	Dr. R. P. Narwaria	45
14	08/02/2021	Brief about the Major Project	Guidance	IV Year Electronics	Dr. R. P. Narwaria	35
15	12/03/2021	Brief about the guidelines of personality development evaluation	Guidance	IV Year Electronics	Dr. R. P. Narwaria	28
16	15/07/2020	Brief about examination, OBE,	Orientation	2nd, 3rd & 4th Year	All Faculty	350



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		Remedial classes, clubs, chapters, SWAYAM/GATE etc.	Program			
17	05/12/2020	Brief about examination, OBE, Remedial classes, clubs, chapters, SWAYAM/GATE etc.	Induction Program	1st Year	All Faculty	180
<b>CSE</b>						
1	27/01/2021	Orientation Program	Orientation	MCA II Year	Dr. Anshu Chaturvedi	16
2	06/02/2021	Industry interaction	Orientation	IInd year	Jaimala Jha	40
3	May 2021	Industry interaction	Orientation/ counselling	Ist year	Jaimala Jha	85
<b>Chemical Engineering</b>						
1	01/01/2021, 08/01/2021, 15/01/2021, 22/01/2021, 29/01/2021, 05/02/2021	Academic & non academic issues of 1st year chemical engineering students	Guidance cum counselling	B. Tech. Ist Semester	Prof. Anish P. Jacob	35, 25, 32, 33, 30, 16
2	28 Jan 2021	Introduction of Scheme, Related to SWAYAM/ NPTEL, GATE, Internship etc.	Orientation	B.Tech. 2nd Year to Final Year	Department Faculty	47
3.	25 Jan 2021	Regarding Internship	Guidance	B.Tech. Final Year	Prof. Swati Gupta, Prof. Anish P.Jacob, Dr. A.N. Sarve	20
4.	10 Jan 2021	SWAYAM/NPTEL	Guidance	B.Tech. Final Year	Prof. Swati Gupta	25
5	3 & 4 December 2021	Induction Programme	Orientation	B.Tech. 1st Year	Department Faculty	26
6	22 May 2021	Professional Development	Guidance	B.Tech. Final Year	Prof. Swati Gupta & Dr. A.N. Sarve	30
<b>IT</b>						
1	15 July 2020	OBE learning & MOODLE Activity	Orientation	IT and CSE Second and Third Year	Punit Kumar Johari	200
2	15 July 2020	Flexible Curriculum	Orientation	CSE Third Year	Neha Bhardwaj	135
3	02 Dec 2020	About Hackathon	Orientation	All First Year	Neha Bhardwaj	600
<b>MAC</b>						



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1	2/12/2020 & 3/12/2020		Orientation	First year (MAC)	All faculty of Engg. Mathematics & Computing	69
<b>Architecture</b>						
1	15/07/2020	Students Attendance	One Day Orientation	B. Arch. III, V, VII & MTech. III Sem	Class Coordinator	25/38, 35/38, 35/40 & 09/12
2	15/07/2020	Schedule of Time Table of all UG & PG classes and introduction of faculty	One Day Orientation	B. Arch. III, V, VII & MTech. III Sem	HOD, & All faculty	
3	15/07/2020	Interaction with students regarding syllabus	One Day Orientation	B. Arch. III, V, VII & MTech. III Sem	Class Coordinator & Concerning Faculty	
4	15/07/2020	Discuss advance teaching session and platform of online classes	One Day Orientation	B. Arch. III, V, VII & MTech. III Sem	Class Coordinator & Concerning Faculty	
5	15/07/2020	Importance of feedback on (CO, faculty feedback, Curriculum) in accreditation and quality improvement	One Day Orientation	B. Arch. III, V, VII & MTech. III Sem	Ar. Pranshi Jain/ Class Coordinator	
6	15/07/2020	Institute MOODLE and the activities on MOODL like online study material on moodle	One Day Orientation	B. Arch. III, V, VII & MTech. III Sem	Ar. Noopur Gupta/ Shweta Singh and All faculties	
7	15/07/2020	Efforts made by institute for students overall development like student chapters, clubs etc.	One Day Orientation	B. Arch. III, V, VII & MTech. III Sem	Ar. Noopur Gupta/ Shweta Singh	
8	15/07/2020	Importance of taking part in technical activities outside institute/submission of such documents	One Day Orientation	B. Arch. III, V, VII & MTech. III Sem	Ar. Richa Mishra/ Ar. Ankit Kumar	
9	15/07/2020	Importance of winter/summer internship program	One Day Orientation	B. Arch. III, V, VII & MTech. III Sem	Dr. S.S. Jadon/ Ar. Ankit Kumar	
10	15/07/2020	DE, SWAYAM/ NPTEL /MOOC online platform registration /Seminar topics, paper publishing requirement based on (Industrial/societal needs)	One Day Orientation	B. Arch. III, V, VII & MTech. III Sem	Ar. Versha Sinha/ Apurva Tomar	
11	15/07/2020	Any other information which the department feels is required to be clarified to the students to avoid complications and issues later (Regarding attendance, mid-term tests,	One Day Orientation	B. Arch. III, V, VII & MTech. III Sem	Dr. S.S. Jadon and all faculty members	



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		tips for faring well in examinations etc.)				
12	31 Jan. 2021	In the discussion students told that they faced no problems, and that they are satisfied with the teaching and are able to learn.	Counselling	B. Arch. & MTech. First Year Students	Ar. Ankit Kumar / Apurva Tomar	32/12

### 39. STUDENT ACHIEVEMENTS (CAT, GATE, PLACEMENTS ETC.)

#### CAT SCORE OF STUDENTS :

S. No.	Name of Student	Year	Percentile	Registration Number /Roll Number for the Exam
<b>Mechanical Engineering</b>				
1	Aditi Chorey	2021	95.5	20192748
<b>Electronics Engineering</b>				
1	Himanshi Bhargava	Final year	95.8	20176554
2	Boby Sharma	Final year	89.43	20005851
<b>CSE</b>				
1	Shantanu Dubey	2020	76	20256384

#### GATE QUALIFIED STUDENTS :

S. No.	Name	Enrollment No.	Branch	GATE Registration	AIR	GATE Score
1	Aditya Gupta	0901ce171005	Civil Engineering	CE21S25019434	2745	612
2	Ashutosh Pandey	0901CE171025	Civil Engineering	CE21S25019387	12532	385
3	Binay Kumar	0901CE171030	Civil Engineering	CE21S15019472	10504	411
4	Chirag Vijayvargiya	0901CE171032	Civil Engineering	CE21S25019050	7204	470
5	Deepika Agrawal	0901CE171036	Civil Engineering	CE21S25019102	11113	403
6	Harshit Maithil	0901Ce171044	Civil Engineering	CE21S23012100	2398	630
7	Hemant Parsediya	0901CE171046	Civil Engineering	CE21S25019360	4901	531
8	Kartikay Singh	0901CE171050	Civil Engineering	CE21S25019146	10869	407
9	Manoj Arya	0901CE171058	Civil Engineering	CE21S15019120	3022	601



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10	Neeraj Ahirwar	0901Ce171063	Civil Engineering	CE1S15019216	12696	382
11	Rishab Dev	0901ce171085	Civil Engineering	ES21S45019095	492	537
12	Rohan Chouriya	0901CE171087	Civil Engineering	CE21S25019378	31187	251
13	Shikha Singhal	0901CE171098	Civil Engineering	CE21S15019478	15471	353
14	Sudeep Vishwakarma	0901CE171111	Civil Engineering	CE21S250019383	4228	48.43
15	Paragdeep Tripathi	0901CE17ME30	Civil Engineering	CE20S75014252	5407	537
16	Abhay Sharma	0901CE181002	Civil Engineering	B183X49	3022	601
17	Devesh Sharma	0901ce181034	Civil Engineering	B547H40	15661	29.21
18	Divyanshu Parauha	0901CE181038	Civil Engineering	CE21S15009057	9178	37.04
19	Naimesh Singh Rawat	0901CE181064	Civil Engineering	CE21S25019356	18434	325
20	Pratyush Singh Kushwah	0901CE181076	Civil Engineering	CE21S23066117	7708	39.66
21	Rajan Pandey	0901CE181079	Civil Engineering	CE21S15019076	12998	378
22	Rohit Rajauriya	0901CE181091	Civil Engineering	CE21S15019448	13805	371
23	Vikas Singh Narwariya	0901CE181116	Civil Engineering	ES21S45019051	986	419
24	Vivek Underiya	0901CE181122	Civil Engineering	CE21S25019004	18434	325
25	Ravi Kushwah	0901AU171048	Mechanical Engineering	XE21S65019471	4260	316
26	Naman Rathore	0901CM171026	Mechanical Engineering	ME21S85019274	16441	361
27	Ankit Sharma	0901ME151016	Mechanical Engineering	ME20S13032378	68	890
28	Aditya Mishra	0901ME161010	Mechanical Engineering	ME21S85019124	40	905
29	Saket Kumar Kurmi	0901ME161094	Mechanical Engineering	ME21S83011126	271	837
30	Abhishek Srivastava	0901ME171004	Mechanical Engineering	ME21S78034025	4183	606
31	Aman Singh Parihar	0901me171011	Mechanical Engineering	XE21S65019461	138	746
32	Amrit Kumar Pandey	0901ME171016	Mechanical Engineering	ME21S84029038	11411	433
33	Anand Kumar Singh	0901ME171017	Mechanical Engineering	ME21S85019281	14128	392
34	Anand Singh Chaurasiya	0901ME171018	Mechanical Engineering	ME21S85019096	27233	265
35	Ashish Kumar Patel	0901ME171025	Mechanical Engineering	ME21S85019197	10140	454
36	Bhanu Prakash Bhavare	0901ME171029	Mechanical Engineering	ME21S82060137	6716	532
37	Lawalesh Kumar Prajapati	0901ME171051	Mechanical Engineering	XE21S65019063	6158	239
38	Mayank Kumar	0901ME171056	Mechanical Engineering	ME21S75019340	11509	430



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39	Mohit Chandel	0901ME171058	Mechanical Engineering	ME21S85019048	15533	371
40	Parag Maheshwari	0901ME171064	Mechanical Engineering	ME21S85019004	14244	389
41	Piyush Singh	0901me171065	Mechanical Engineering	Me21s75021414	16285	362
42	Prabhav Agrawal	0901ME171067	Mechanical Engineering	XE21S65019481	1359	512
43	Pranay Jain	0901ME171069	Mechanical Engineering	ME21S85019022	19610	327
44	Prateek Arora	0901ME171072	Mechanical Engineering	XE21S65019179	646	610
45	Rohit Jayant	0901ME171094	Mechanical Engineering	ME21S75019303	16590	358
46	Shivansh Chauriha	0901me171106	Mechanical Engineering	ME21S85019138	14128	392
47	Shraddha Shukla	0901ME171107	Mechanical Engineering	ME21S75014085	6787	529
48	Shubham Agrawal	0901ME171108	Mechanical Engineering	ME21S75019334	4550	594
49	Subhash Singh	0901me171112	Mechanical Engineering	ME21S85019229	19982	324
50	Vasu Pandey	0901ME171118	Mechanical Engineering	ME21S85019010	9682	464
51	Yash Prajapati	0901ME171125	Mechanical Engineering	ME21S75014167	20344	320
52	Anurag Rajput	0901ME181020	Mechanical Engineering	ME21S75014116	11092	438
53	Ashutosh Kushwanshi	0901ME181025	Mechanical Engineering	ME21S85019070	9682	464
54	Himanshu Sharma	0901ME181041	Mechanical Engineering	ME21S85042150	12624	413
55	Jatin Wadhvani	0901ME181047	Mechanical Engineering	ME21S75012374	17038	354
56	Rohan Singh Bhadouria	0901ME181092	Mechanical Engineering	ME21S75019336	13470	400
57	Seemanti Sahu	0901me181105	Mechanical Engineering	ME21S85021381	14244	389
58	Alok Kumar	0901EE171014	Electrical Engineering	EE21S35019368	24007	244
59	Aman Agrawal	0901EE171015	Electrical Engineering	EE21S35019168	9761	381
60	Anshika Shrivastava	0901ee171022	Electrical Engineering	EE21S35022124	1582	642
61	Ayush Jain	0901EE171032	Electrical Engineering	EE21S35021587	8752	400
62	Jatin	0901EE171046	Electrical Engineering	EE21S35019382	3096	562
63	Kritika Kohli	0901EE171052	Electrical Engineering	EE21S35021576	8934	396
64	Rupali Gupta	0901EE171089	Electrical Engineering	EE21S35019400	10008	377
65	Siddhant Pathak	0901EE171110	Electrical Engineering	EE21S35019239	5497	475
66	Ashwaini Goswami	0901EE181030	Electrical Engineering	EE21S35019175	6197	456
67	Ritik Gupta	0901EE181089	Electrical Engineering	EE21S35019251	10497	32



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68	Swapnil Tripathi	0901EE181113	Electrical Engineering	EE21S35019095	11184	358
69	Reena Sharma	0901ME171088	Electrical Engineering	EE21S35019157	2127	608
70	Maruth Jain	0901EC171058	Electronics Engineering	EC21S45021480	8524	25
71	Priyanshi Parauha	0901EC171079	Electronics Engineering	EC21S45005056	1284	593
72	Sameer Nigam	0901EC171092	Electronics Engineering	EC21S45019172	875	636
73	Yashank Agrawal	0901EC171123	Electronics Engineering	EC21S45019186	1135	607
74	Ajay Giri	0901EC181008	Electronics Engineering	EC21S45019385	4077	445
75	Nikhil Talreja	0901EC181059	Electronics Engineering	EC21S45019158	5935	398
76	Vineesh Modi	0901EC181120	Electronics Engineering	EC21S45019350	5118	417
77	Vineesh Modi	0901EC18120	Electronics Engineering	EC21S45019350	5118	417
78	Pralanj Kamlesh	0901ET171031	Electronics Engineering	EC21S45019319	4399	436
79	Rishabh Sisodiya	0901ET171038	Electronics and Telecommunication	B144F55	3302	474
80	Himanshu Jayant	0901ET181024	Electronics and Telecommunication	EC21S45019153	4924	421
81	Aman Izardar	0901CS161009	Computer Science Engineering	CS21S65019058	1460	637
82	Abhidha Jain	0901CS171003	Computer Science Engineering	CS21S55019265	1491	634
83	Achal Shakywar	0901CS171007	Computer Science Engineering	CS21S53011430	32048	247
84	Harshita Dubey	0901CS171050	Computer Science Engineering	CS21S55019582	13404	362
85	Jay Singh	0901CS171051	Computer Science Engineering	CS21S65019635	22629	295
86	Parul Jain	0901CS171076	Computer Science Engineering	CS21S65019672	4546	499
87	Prashant Chaturvedi	0901CS171080	Computer Science Engineering	CS21S65019567	12988	366
88	Rohit Kushwah	0901CS171092	Computer Science Engineering	CS21S55019450	621	715
89	Shailesh Singh Korku	0901CS171098	Computer Science Engineering	CS21S65019178	26036	277
90	Shweta Gautam	0901CS171109	Computer Science Engineering	CS21S65019568	27724	268
91	Vikas Rajpoot	0901CS171124	Computer Science Engineering	CS21S65019631	3420	535
92	Akhil Umoriya	0901CS181004	Computer Science Engineering	CS21S55019496	4778	492
93	Ankita Jadhav	0901CS181013	Computer Science Engineering	CS21S55019596	25669	277
94	Anubhav Gupta	0901CS181014	Computer Science Engineering	CS21S55019524	11537	381



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95	Anushka Singh	0901CS181015	Computer Science Engineering	CS21S55019507	29863	258
96	Ashish Kumar Upadhyay	0901CS181020	Computer Science Engineering	CS21S63008174	6028	464
97	Bhupendra Singh Patel	0901CS181030	Computer Science Engineering	CS21S55020183	5740	469
98	Harshika Magariya	0901CS181040	Computer Science Engineering	CS21S65019577	32474	246
99	Himanshu Rathaur	0901CS181043	Computer Science Engineering	CS21S65019572	4332	504
100	Janhvi Singhal	0901CS181044	Computer Science Engineering	CS21S55019526	11906	377
101	Kanak Arya	0901cs181047	Computer Science Engineering	CS21S65019609	9155	410
102	Karishma Parashar	0901CS181053	Computer Science Engineering	CS21S55015313	4952	488
103	Sourabh Tiwari	0901CS181107	Computer Science Engineering	CS21S55021426	5307	481
104	Yash Jain	0901CS181123	Computer Science Engineering	CS21S55019415	5146	485
105	Priyanka Rathore	0901cs183d15	Computer Science Engineering	CS21S55019145	8714	415
106	Rishav Raj	0901IT181045	Computer Science Engineering	CS21S65019136	13616	361
107	Adarsh Gupta	0901cm171001	Chemical Engineering	CH21S55019292	2148	39
108	Shilpita Sinha	0901CM171046	Chemical Engineering	CH21S56028368	1382	45.33
109	Aditya Sihare	0901CM181006	Chemical Engineering	CH21S55019268	2194	394
110	Aditya Shinde	0901IT171007	Information Technology	CS21S55019479	9651	404
111	Arbaz Khan	0901IT171012	Information Technology	CS21S65019266	16039	339
112	Gyanvi Rathore	0901IT171019	Information Technology	CS21S55019131	11537	381
113	Prachi Verma	0901IT171033	Information Technology	CS21S55019463	17085	331
114	Rahul Singh Rathore	0901IT171041	Information Technology	CS21S65019332	7444	437
115	Sanjeev Dhakad	0901IT171049	Information Technology	CS21S55021419	5942	465
116	Umesh Yadav	0901IT171060	Information Technology	CS21S65019562	14537	353
117	Utkarsh Shrivastava	0901IT171062	Information Technology	CS21S65021554	10119	397
118	Nishant Rajput	0901IT181039	Information Technology	CS21S65019172	16038	339
119	Sakshi Sharma	0901IT181051	Information Technology	CS21S55022026	6148	462
120	Bhoopendra Soni	0901AR171008	Architecture	AR21S25019181	2053	321

### SUMMARY OF GATE QUALIFIED STUDENTS - 2020



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S. No.	Branch	No. of Students	
		CAT	GATE
1.	Civil Engineering	-	24
2.	Mechanical Engineering/Automobile Engineering	01	33
3.	Electrical Engineering/Electrical(IOT)	-	12
4.	Electronics Engineering/ Electronics & Telecommunication Engineering	02	11
5.	Computer Science & Engineering	01	26
6.	Chemical Engineering	-	03
7.	Information Technology/IT(IOT)/IT(AIR)	-	10
8.	MAC	-	-
9.	Architecture	-	01
<b>Total</b>		<b>04</b>	<b>120</b>

### PLACEMENT DETAILS OF STUDENTS FOR THE YEAR 2020-2021

S. No.	Name of Student	Name of Department	Year of Passing	Company Name
1.	Abhishek Singh Rajawat (AU)	Automobile Engineering	2020	Accenture, BYJU's
2.	Akash Gangwani (AU)	Automobile Engineering	2020	Infosys
3.	Bhupesh Gupta (AU)	Automobile Engineering	2020	Infosys
4.	Jayesh Chaurasia (AU)	Automobile Engineering	2020	L&T, Accenture
5.	Kanchi Jain (AU)	Automobile Engineering	2020	Accenture
6.	Saloni Gupta (AU)	Automobile Engineering	2020	Infosys, Accenture
7.	Abhishek Pandey	Mechanical Engineering	2020	Infosys
8.	Amit Kumar Dwivedi	Mechanical Engineering	2020	DCM Shriram
9.	Aniket Shrivastava	Mechanical Engineering	2020	Infosys
10.	Ankit Sahu	Mechanical Engineering	2020	Infosys
11.	Anoop Pathak	Mechanical Engineering	2020	Infosys, DCM Shriram
12.	Ashi Gupta	Mechanical Engineering	2020	TCS-Ninja, Infosys



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13.	Ashish Singh	Mechanical Engineering	2020	TCS-Ninja
14.	Ayush Jain	Mechanical Engineering	2020	DCM Shriram
15.	Ekansh Chauhan	Mechanical Engineering	2020	Infosys
16.	Gunendra Mahore	Mechanical Engineering	2020	Infosys
17.	Harshit Sahu	Mechanical Engineering	2020	DCM Shriram
18.	Kankala Bhavitha	Mechanical Engineering	2020	Accenture
19.	Kiran Singh Kushwah	Mechanical Engineering	2020	Infosys
20.	Krishnanandan Pal	Mechanical Engineering	2020	Infosys, Accenture
21.	Moha Shrivastava	Mechanical Engineering	2020	Accenture
22.	Prakhar Upadhyay	Mechanical Engineering	2020	DCM Shriram
23.	Radhika Agrawal	Mechanical Engineering	2020	Infosys
24.	Rajneesh Kumar Patel	Mechanical Engineering	2020	DCM Shriram
25.	Saket Kurmi	Mechanical Engineering	2020	Accenture
26.	Shiv Shankar Kushwaha	Mechanical Engineering	2020	Infosys
27.	Shubham Goud	Mechanical Engineering	2020	Accenture
28.	Somya Sharma	Mechanical Engineering	2020	Accenture
29.	Sumit Gupta	Mechanical Engineering	2020	Infosys
30.	Sumit Upadhyaya	Mechanical Engineering	2020	TCS-Ninja, Infosys
31.	Tanya Saxena	Mechanical Engineering	2020	TCS-Ninja, Infosys
32.	Akhandata Majhi	Mechanical Engineering	2020	BYJU's
33.	Atul Kumar	Mechanical Engineering	2020	Must Garment
1.	Ankit Sahu	Electrical Engineering	2020	TCS-Ninja
2.	AnshuSahu	Electrical Engineering	2020	TCS-Ninja
3.	AyushMohod	Electrical Engineering	2020	TCS-Ninja
4.	Harshad Mehta	Electrical Engineering	2020	TCS-Ninja
5.	Kanak Garg	Electrical Engineering	2020	TCS-Ninja
6.	Nadeem Sheikh	Electrical Engineering	2020	TCS-Ninja
7.	Nupur Bhardwaj	Electrical Engineering	2020	TCS-Ninja
8.	Suraj Kumar Singh	Electrical Engineering	2020	TCS-Ninja



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9.	Vikrant Singh Tomar	Electrical Engineering	2020	TCS-Ninja
10.	Abhishek Soni	Electrical Engineering	2020	L&T Infotech
11.	Akash Mishra	Electrical Engineering	2020	L&T Infotech
12.	Nupur Bhardwaj	Electrical Engineering	2020	L&T Infotech
13.	AashitaSaxena	Electrical Engineering	2020	Infosys
14.	Abhishek Pratap Singh	Electrical Engineering	2020	Infosys
15.	Abhishek Singh	Electrical Engineering	2020	Infosys
16.	Amit Jain	Electrical Engineering	2020	Infosys
17.	AnandThakre	Electrical Engineering	2020	Infosys
18.	Ankit Sahu	Electrical Engineering	2020	Infosys
19.	Ayushi Gupta	Electrical Engineering	2020	Infosys
20.	Dakshata Nagar	Electrical Engineering	2020	Infosys
21.	Harshad Mehta	Electrical Engineering	2020	Infosys
22.	Kanak Garg	Electrical Engineering	2020	Infosys
23.	Lokendra Singh Chouhan	Electrical Engineering	2020	Infosys
24.	Nadeem Sheikh	Electrical Engineering	2020	Infosys
25.	Ruchi Singh	Electrical Engineering	2020	Infosys
26.	Shivanisoni	Electrical Engineering	2020	Infosys
27.	Shivani Yadav	Electrical Engineering	2020	Infosys
28.	Shreya Bandil	Electrical Engineering	2020	Infosys
29.	Suraj Kumar Singh	Electrical Engineering	2020	Infosys
30.	Vikrant Singh Tomar	Electrical Engineering	2020	Infosys
31.	Vipin Jain	Electrical Engineering	2020	Infosys
32.	Yogitarathode	Electrical Engineering	2020	Infosys
33.	Aashitasaxena	Electrical Engineering	2020	Accenture
34.	Abhishek Pratap Singh	Electrical Engineering	2020	Accenture
35.	Abhishek Singh	Electrical Engineering	2020	Accenture
36.	Aditya Vishwakarma	Electrical Engineering	2020	Accenture
37.	Amit Jain	Electrical Engineering	2020	Accenture



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38.	Amit Kumar Jaiswal	Electrical Engineering	2020	Accenture
39.	Ankush Tiwari	Electrical Engineering	2020	Accenture
40.	AnujShrivastava	Electrical Engineering	2020	Accenture
41.	Ashish Shakya	Electrical Engineering	2020	Accenture
42.	Ayush Tripathi	Electrical Engineering	2020	Accenture
43.	Dakshata Nagar	Electrical Engineering	2020	Accenture
44.	Hari Singh Sikarwar	Electrical Engineering	2020	Accenture
45.	Kanak Garg	Electrical Engineering	2020	Accenture
46.	Kanikapatil	Electrical Engineering	2020	Accenture
47.	Prabhat Kumar Shukla	Electrical Engineering	2020	Accenture
48.	Robin Patel	Electrical Engineering	2020	Accenture
49.	Shifa Sheikh	Electrical Engineering	2020	Accenture
50.	Shivani Yadav	Electrical Engineering	2020	Accenture
51.	Shreya Bandil	Electrical Engineering	2020	Accenture
52.	Suraj Kumar Singh	Electrical Engineering	2020	Accenture
53.	Swapnil Sharma	Electrical Engineering	2020	Accenture
54.	Tarun Kumar Jha	Electrical Engineering	2020	Accenture
55.	Vikrant Singh Tomar	Electrical Engineering	2020	Accenture
56.	Aditya Singhal	Electrical Engineering	2020	DCM Shriram
57.	Arpitjain	Electrical Engineering	2020	DCM Shriram
58.	Deepak Singh	Electrical Engineering	2020	DCM Shriram
59.	DipanshuSoni	Electrical Engineering	2020	DCM Shriram
60.	Aditya Singhal	Electrical Engineering	2020	Wipro Ltd.
1.	Nitish Shah	Electrical Engineering	2021	Hexaware Technologies
2.	Arpita Singh	Electrical Engineering	2021	LTI (L&T Infotech)
3.	Muskan Gupta	Electrical Engineering	2021	LTI (L&T Infotech)
4.	Nisha Kumari Sondhiya	Electrical Engineering	2021	LTI (L&T Infotech)
5.	Prantik Sarkar	Electrical Engineering	2021	LTI (L&T Infotech)
6.	Rishi Jha	Electrical Engineering	2021	LTI (L&T Infotech)



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7.	Shraddha Saxena	Electrical Engineering	2021	LTI (L&T Infotech)
8.	Tanya Mahato	Electrical Engineering	2021	LTI (L&T Infotech)
9.	Abhishek Malviya	Electrical Engineering	2021	Infosys
10.	Somil Gupta	Electrical Engineering	2021	Infosys
11.	Ayush Gupta	Electrical Engineering	2021	Infosys
12.	Akshat Pal	Electrical Engineering	2021	Infosys
13.	Aman Saxena	Electrical Engineering	2021	Infosys
14.	Anshika Shrivastava	Electrical Engineering	2021	Accenture
15.	Naman Singh Tanwar	Electrical Engineering	2021	Accenture
16.	Nivesh Matta	Electrical Engineering	2021	Accenture
17.	Prachi Pateriya	Electrical Engineering	2021	Accenture
18.	Prantik Sarkar	Electrical Engineering	2021	Accenture
19.	Rishi Jha	Electrical Engineering	2021	Accenture
20.	Rupali Gupta	Electrical Engineering	2021	Accenture
21.	Samiksha Shabde	Electrical Engineering	2021	Accenture
22.	Shalini Singh	Electrical Engineering	2021	Accenture
23.	Shivangi Shrivastava	Electrical Engineering	2021	Accenture
24.	Sonam Solanki	Electrical Engineering	2021	Accenture
25.	Yash Swarnkar	Electrical Engineering	2021	Accenture
26.	Aashi Gupta	Electrical Engineering	2021	TCS-Ninja
27.	Abhishek Malviya	Electrical Engineering	2021	TCS-Ninja
28.	Kritika Kohli	Electrical Engineering	2021	TCS-Ninja
29.	Naman Singh Tanwar	Electrical Engineering	2021	TCS-Ninja
30.	Nitin Kumar Singh	Electrical Engineering	2021	TCS-Ninja
31.	Nitish Shah	Electrical Engineering	2021	TCS-Ninja
32.	Prachi Pateriya	Electrical Engineering	2021	TCS-Ninja
33.	Pradeep Kumar Patel	Electrical Engineering	2021	TCS-Ninja
34.	Prajawal Singh Tomar	Electrical Engineering	2021	TCS-Ninja
35.	Rishabh Sharma	Electrical Engineering	2021	TCS-Ninja



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36.	Rupali Gupta	Electrical Engineering	2021	TCS-Ninja
37.	Vishal Mahor	Electrical Engineering	2021	TCS-Ninja
38.	Ayush Gupta	Electrical Engineering	2021	TCS-Ninja
1.	Aranyani Sharma	Electronics Engineering	2021	Infosys
2.	Pralanj Kamlesh	Electronics Engineering	2021	Infosys
3.	Aditi Tomar	Electronics Engineering	2021	LTI(L&T Infotech)
4.	Alok Kumar Singh	Electronics Engineering	2021	LTI(L&T Infotech)
5.	Anushka Rajoria	Electronics Engineering	2021	LTI(L&T Infotech)
6.	Ayushi Agarwal	Electronics Engineering	2021	LTI(L&T Infotech)
7.	Mansi Gupta	Electronics Engineering	2021	LTI(L&T Infotech)
8.	Niraj Kumar Shrivastava	Electronics Engineering	2021	LTI(L&T Infotech)
9.	Palak Gupta	Electronics Engineering	2021	LTI(L&T Infotech)
10.	Prashu Saxena	Electronics Engineering	2021	LTI(L&T Infotech)
11.	Priyanshi Soni	Electronics Engineering	2021	LTI(L&T Infotech)
12.	Sanil Jain	Electronics Engineering	2021	LTI(L&T Infotech)
13.	Shruti Gupta	Electronics Engineering	2021	LTI(L&T Infotech)
14.	Sparsh Ahmed	Electronics Engineering	2021	LTI(L&T Infotech)
15.	Deepti Jain	Electronics Engineering	2021	LTI(L&T Infotech)
16.	Kartik Sharma	Electronics Engineering	2021	LTI(L&T Infotech)
17.	Pranshul Saxena	Electronics Engineering	2021	LTI(L&T Infotech)
1.	Ayush Mittal	CSE	2021	Infosys
2.	Ayushi Agrawal	CSE	2021	Infosys
3.	Harsh Choudhary	CSE	2021	Infosys
4.	Krati Saxena	CSE	2021	Infosys
5.	Ayush Mittal	CSE	2021	Deqode
6.	Surya Dev Chaturvedi	CSE	2021	Deqode
7.	Aashutosh Tiwari	CSE	2021	LTI
8.	Antra Sinha	CSE	2021	LTI
9.	Ashutosh Singh Tomar	CSE	2021	LTI



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10.	Ayush Mittal	CSE	2021	LTI
11.	Ayushi Agrawal	CSE	2021	LTI
12.	Harsh Choudhary	CSE	2021	LTI
13.	Harshit Agrawal	CSE	2021	LTI
14.	Kanak Goyal	CSE	2021	LTI
15.	Kanchan Varun	CSE	2021	LTI
16.	Krati Saxena	CSE	2021	LTI
17.	Nisha Wadhvani	CSE	2021	LTI
18.	Nishank Gupta	CSE	2021	LTI
19.	Parul Jain	CSE	2021	LTI
20.	Prashant Chaturvedi	CSE	2021	LTI
21.	Purvi Agrawal	CSE	2021	LTI
22.	Rishab Singh	CSE	2021	LTI
23.	Ruchi Singh	CSE	2021	LTI
24.	Saket Rai	CSE	2021	LTI
25.	Sejal Jain	CSE	2021	LTI
26.	Shashwat Singh Sikarwar	CSE	2021	LTI
27.	Sneha Bansal	CSE	2021	LTI
28.	Suhani Jain	CSE	2021	LTI
29.	Swechha Gupta	CSE	2021	LTI
30.	Tanay Dwivedi	CSE	2021	LTI
31.	Tushar Goyal	CSE	2021	LTI
32.	Abhidha Jain	CSE	2021	Accenture
33.	Achal Shakywar	CSE	2021	Accenture
34.	Akarsh Modi	CSE	2021	Accenture
35.	Akash Dangi	CSE	2021	Accenture
36.	Aman Singh	CSE	2021	Accenture
37.	Anamika	CSE	2021	Accenture
38.	Anmol Maheshwari	CSE	2021	Accenture



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39.	Arpit Katare	CSE	2021	Accenture
40.	Ashutosh Singh Tomar	CSE	2021	Accenture
41.	Ayushi Agrawal	CSE	2021	Accenture
42.	Ayushi Jain	CSE	2021	Accenture
43.	Bhoomika Jain	CSE	2021	Accenture
44.	Bhupendra Singh Yadav	CSE	2021	Accenture
45.	Giriraj Soni	CSE	2021	Accenture
46.	Kanchan Varun	CSE	2021	Accenture
47.	Kunal Sihare	CSE	2021	Accenture
48.	Muskan Gupta	CSE	2021	Accenture
49.	Niharika Poddar	CSE	2021	Accenture
50.	Purvi Agrawal	CSE	2021	Accenture
51.	Rohini Litoriya	CSE	2021	Accenture
52.	Rohit kushwah	CSE	2021	Accenture
53.	Ruchi Singh	CSE	2021	Accenture
54.	Saket Rai	CSE	2021	Accenture
55.	Shailesh Singh Korcu	CSE	2021	Accenture
56.	Shreyansh Sahu	CSE	2021	Accenture
57.	Shweta Gautam	CSE	2021	Accenture
58.	Siddhant Shahare	CSE	2021	Accenture
59.	Sneha Bansal	CSE	2021	Accenture
60.	Swechha Gupta	CSE	2021	Accenture
61.	Tushar Goyal	CSE	2021	Accenture
62.	Abhidha Jain	CSE	2021	TCS
63.	Antra Sinha	CSE	2021	TCS
64.	Arpit Katare	CSE	2021	TCS
65.	Giriraj Soni	CSE	2021	TCS
66.	Kunal Sihare	CSE	2021	TCS
67.	Prashant Chaturvedi	CSE	2021	TCS



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68.	Shreyansh Sahu	CSE	2021	TCS
69.	Abhijeet	CSE	2021	TCS
70.	Akshat Gupta	CSE	2021	TCS
71.	Ayush Soni	CSE	2021	TCS
72.	Harshita Dubey	CSE	2021	TCS
73.	Khushboo Shivhare	CSE	2021	TCS
74.	Omkar Tripathi	CSE	2021	TCS
75.	Ritik Sharma	CSE	2021	TCS
76.	Shivam Kumar Pandey	CSE	2021	TCS
77.	Sneha Bansal	CSE	2021	Kloudspot
78.	Aadarsh Panwar	CSE	2021	Kloudspot
79.	Khushboo Shivhare	CSE	2021	Hexaware Technologies
80.	Shantanu Dubey	CSE	2021	Jaro Education
1	Muskan Agrawal	IT	2021	Hexaware Technologies
2	Rahul Singh Rathore	IT	2021	Hexaware Technologies
3	Virat Pandey	IT	2021	Hexaware Technologies
4	Aman Singh	IT	2021	LTI (L&T Infotech)
5	CharuNayak	IT	2021	LTI (L&T Infotech)
6	GyanviRathore	IT	2021	LTI (L&T Infotech)
7	HimanshuBhanpurkar	IT	2021	LTI (L&T Infotech)
8	Prateek Gupta	IT	2021	LTI (L&T Infotech)
9	Priya Prasad	IT	2021	LTI (L&T Infotech)
10	SafalKhampariya	IT	2021	LTI (L&T Infotech)
11	Shubham Sharma	IT	2021	LTI (L&T Infotech)
12	Srishti Rai	IT	2021	LTI (L&T Infotech)
13	UtkarshChouksay	IT	2021	LTI (L&T Infotech)
14	UtkarshShrivastava	IT	2021	LTI (L&T Infotech)
15	HimanshuBhanpurkar	IT	2021	Infosys
16	NishantRaghuvanshi	IT	2021	Infosys



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17	Shubham Sharma	IT	2021	Infosys
18	AbhinayLakhera	IT	2021	Infosys
19	NihalSihare	IT	2021	Infosys
20	PrachiVerma	IT	2021	Infosys
21	Rishabh Gupta	IT	2021	Infosys
22	Sagar Kumar	IT	2021	Infosys
23	Sanjeev Dhakad	IT	2021	Infosys
24	PrakratiVerma	IT	2021	Infosys
25	Aditi Tiwari	IT	2021	Accenture
26	CharuNayak	IT	2021	Accenture
27	GyanviRathore	IT	2021	Accenture
28	PrakalpShrivastava	IT	2021	Accenture
29	Ayushi Rai	IT	2021	Accenture
30	Priya Sharma	IT	2021	Accenture
31	Rahul Singh Rathore	IT	2021	Accenture
32	Shivangi Mittal	IT	2021	Accenture
33	Shubham Sharma	IT	2021	Accenture
34	Somali Chowdhury	IT	2021	Accenture
35	Umesh Yadav	IT	2021	Accenture
36	UtkarshChouksay	IT	2021	Accenture
37	Prateek Gupta	IT	2021	TCS-Ninja
38	Shivangi Mittal	IT	2021	TCS-Ninja
39	AbhinayLakhera	IT	2021	TCS-Ninja
40	Ketan Kumar Gupta	IT	2021	TCS-Ninja
41	Pranjal Sharma	IT	2021	TCS-Ninja
42	Rishabh Gupta	IT	2021	TCS-Ninja
43	Rohit Singh Pawar	IT	2021	TCS-Ninja
44	NihalSihare	IT	2021	TCS-Digital
45	RishabhTitvilasi	IT	2021	Kloudspot



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**OFF CAMPUS**

S. No.	Name of Student	Name of Department	Year of Passing	Company Name
1.	Deeksha Katare	AU- Mechanical Engineering	2020	Brands Impact
2.	Ashi Gupta	Mechanical Engineering	2020	TCS
3.	Ashish Singh	Mechanical Engineering	2020	TCS
4.	Sumit Upadhyaya	Mechanical Engineering	2020	TCS
5.	Varnika Saxena	Mechanical Engineering	2020	WIPRO
6.	Tanya Saxena	Mechanical Engineering	2020	TCS
7.	Krishnanandan Pal	Mechanical Engineering	2020	BYJU'S
8.	Abhishek Singh Rajawat	AU- Mechanical Engineering	2020	Accenture
9.	Jayesh Chaurasia	AU- Mechanical Engineering	2020	Accenture
10.	Kanchi Jain	AU- Mechanical Engineering	2020	Accenture
11.	Saloni Gupta	AU- Mechanical Engineering	2020	Accenture
12.	Ayush Jain	Mechanical Engineering	2020	Accenture
13.	Shivani Patel	Mechanical Engineering	2020	Accenture
14.	Shubham Goud	Mechanical Engineering	2020	Accenture
15.	Garima Gautam	Mechanical Engineering	2020	Accenture
16.	Kankala Bhavitha	Mechanical Engineering	2020	Accenture
17.	Moha Shrivastava	Mechanical Engineering	2020	Accenture
18.	Somya Sharma	Mechanical Engineering	2020	Accenture
19.	Atul Kumar	Mechanical Engineering	2020	Must Garment
20.	Shreya Vashudha Mishra	Architecture and Planning	2020	Rewa Engineering College

**DETAILS OF CAMPUS PLACEMENT DURING THE YEAR**

On Campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
25	692	449	26



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**SUMMARY OF PLACEMENT (PASSING OUT BATCH - 2021)**

S. No.	Company Name	PG		B.E. Branch (UG)										Total
		M.Tech	MCA	Civil	Mechanical	Electrical	Electronics	CSE	IT	Chemical	BT	Automobile	ET	
1	Hexaware Technologies	-	-	-	-	1	3	1	3	-	-	-	-	8
2	LTI (L&T Infotech)	-	-	2	3	7	15	29	12	-	-	-	5	73
3	Infosys	-	2	2	6	11	16	13	11	5	-	2	3	69
4	Deqode	-	-	-	-	-	-	2	-	-	-	-	-	2
5	Accenture	-	6	3	5	14	17	36	13	3	1	1	8	107
6	TCS-Ninja	-	2	1	4	15	19	17	8	3	1	1	6	77
7	TCS-Digital	-	-	-	1	-	-	-	1	-	-	-	-	2
8	Jaro Education	-	-	-	-	-	1	1	-	-	-	1	2	5
9	Kloudsopt	-	-	-	-	-	-	2	1	-	-	-	-	3
10	Prism Johnsan	-	-	-	-	-	-	-	-	2	-	-	-	2
11	LiuGong	-	-	-	3	-	-	-	-	-	-	-	-	3
12	Sudarshan Chemical	-	-	-	4	-	-	-	-	-	-	-	-	4
13	Dhoot Transmission Pvt. Ltd.	-	-	-	16	17	9	-	-	-	-	-	3	45
14	BYJU's	-	-	1	1	-	-	-	-	1	-	-	-	3
15	NKS Agro	-	-	-	2	-	-	-	-	-	-	1	-	3
16	Indian Hume Pipe	-	-	15	-	-	-	-	-	-	-	-	-	15
17	Impetus	-	-	-	-	-	-	1	-	-	-	-	-	1
18	Learningshala	-	-	-	-	-	2	1	-	-	-	-	-	3
19	Reliance Jio	-	-	-	-	-	1	2	-	-	-	-	-	3
20	Amdocs	-	1	-	-	-	4	4	1	-	-	-	3	13
21	upGrade	-	-	-	-	-	-	-	-	-	-	1	-	1
22	Axis Bank	-	-	-	-	-	1	-	-	-	-	-	-	1
23	Newgen Software Technologies	-	-	-	-	-	-	-	1	-	-	-	-	1
24	Godrej	-	-	-	-	-	-	-	-	1	-	-	-	1
25	Britannia (JB Mangharam Plant, Gwalior)	-	-	-	2	-	-	-	-	-	-	-	-	2
	<b>Total</b>	<b>0</b>	<b>11</b>	<b>24</b>	<b>47</b>	<b>65</b>	<b>88</b>	<b>109</b>	<b>51</b>	<b>15</b>	<b>2</b>	<b>7</b>	<b>30</b>	<b>449</b>



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**40. INNOVATIONS IN TEACHING-LEARNING INTRODUCED DURING THIS ACADEMIC YEAR (IN 200 WORDS MAXIMUM)**

**Mechanical Engineering**

The department of mechanical engineering has implemented innovations in teaching-learning and strategy in various forms.

Some key points are following:

Department of mechanical engineering will review our curriculum and create more space for innovation in education, for multidisciplinary activities (such as open course of robotics and product design) and for student's engagement with teachers, with each other, and with the world outside of institute. Teaching is intended to portray more interactive, more supportive, more challenging and more rewarding for students. For attainment of these activities our faculty have been trained in advanced pedagogy via training in different IITs.

Department will be offering online and digital enhancements to our curricula, evidence-based pedagogy, community building and focus on teaching global challenges. By utilizing the digital and online technologies to enhance a sense of collaboration and community between students on campus, to better apply interactive teaching techniques, and to expand possibilities for creating an international classroom. Teachers, lessons, and curriculum have to be flexible. We have to get our students to think and ask questions.

During the past several months in view of the pandemic the teaching learning has become completely online and our faculty members have groomed themselves in a way which has proved effective for online teaching. The use of writing pad, open board and also more use of presentations by the faculty members has made online teaching more productive. The use of virtual labs by the faculty and students for conducting experiments has gained popularity and has become important part of online teaching and has made online teaching fruitful. these innovations in teaching learning has helped in achieving better results as far as the online teaching is concerned.

**Electrical Engineering**

**1. Converting Black board Teaching into online teaching**

- ❖ Online Classes through Zoom/ Google Meet
- ❖ Online Quizzes through Moodle
- ❖ Online Assignments submission
- ❖ Online conduction of Practical viva and internal assessment exams.

**2. Use of open source software**

- ❖ Use of "8085 Virtual Simulator" in teaching
- ❖ Use of Latex in writing project reports.



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❖ Complex Engineering Problem Solving

**Electronics Engineering**

Faculty Innovations in Teaching and Learning: Activities of the department towards improvement in teaching-learning are indicated in the office records as well as on college website. They are open for reproduction or for further improvement or review or critique. Some of the innovative means adopted by the faculty in T & L are:

- Making use of PowerPoint Presentation, wherever necessary.
- Technical videos for demonstration of certain concepts or functioning of the devices.
- Use of tools like MATLAB to demonstrate the concepts through simulations.
- Use of E-learning resources like NPTEL lectures, online journals and online lectures like MOOCs for effective learning.
- Providing question bank with short answer questions and Quiz questions.
- Hands-on practice in the laboratories for the better understanding of the concepts taught in the theory classes.
- Visits to nearby industries for exposure.
- Project exhibitions and poster presentations.
- Student seminars.
- Project based learning
- Shared learning.

**CSE**

The following are the innovative teaching learning approaches that have been implemented during the 2020-2021 session.

Online and interactive teaching of theory classes.

Online virtual lab conduction

Lectures and lab sessions are recorded and shared with students so that they can watch and learn at any time.

Weekly Online Quizzes and Assignments.

Weekly doubt clearance classes (remedial) are conducted.

Job Oriented and Skill based Internship and real time projects useful for society.

In house MOOCs development for thrust area subjects

**Chemical Engineering**

Following Points Are Introduced During This Academic Year For The Betterment Of The Students:

**(1) Active Learning**

Active Learning Techniques Have Been Used To Engage Students And Encourage Innovation And Creativity.



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### (2) Friendly Environment

Students Have Been Encouraged To Create A Friendly Environment With Faculty And To Ask Questions / Queries Related To The Subject.

### (3) Social Media Platform

This Forum Always Connects The Students With Faculty Members. Students Can Ask The Question/Queries And At Any Time Can Participate In Healthy Discussion With Colleagues And Faculty Member. This Is Also Helpful For Any Prior Announcement To Faculty Member.

### MAC

Department has introduced ICT techniques during pandemic situation of COVID 19. Department has used Google meet, Zoom, Veikk writing pad, You Tube video. Using ICT classroom environment has been stimulated, brain storm session has been conducted and real world problems analysis has been discussed in the class. Department has used e-learning techniques as incorporating pictures, videos, charts and PPTsin order to stimulate creativity in the class and effective and innovative delivery in the class room. Using various ICT techniques professors have created their own study materials, pictures and videos so that teaching becomes more interactive, interesting, easy and effective.

### Humanities

Administered professionally assignments and quizzes in the classes in online mode via moodle so as to ensure student participation without stressing them to worry about marks.

Exercises were designed to take place in class itself and were evaluated only on basis of participation and not performance so as to emphasise learning and not scoring marks.

The said task was completed in online mode itself and during the classes through the use of moodle and available features.

**Example: After 30-40 Minutes of Teaching Students were asked to respond to some Questions From What Has Been Taught To Them During The Session in Online Mode and On Spot. The Students were evaluated only on basis of their participation and not on basis of performance. The Practice was incorporated as a regular feature throughout he classes.**

### Applied Science

The faculties have incorporated innovation through on line teaching and virtual laboratories. integration of subjective knowledge with on line resources such as you tube videos, interaction with students, access to online study materials have been implemented by the faculties in the department.

### Architecture

The institute analyzed and examined all the options to steer the current semester in view of Covid - 19 pandemic and came up with ideas which kept in mind the associated restrictions and the importance of academic curriculum.For that online sessions through Zoom, Unacademy, remedial classes and counselling were provided as per schedule which was designed keeping in mind the state of students, and availability of internet. Every year is engaged in



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some or the other productive activities, projects and summer workshops, which are designed to provide knowledge but through innovative and practical methods that can be very easily done by students. The agenda was to make student to feel that they can do something and be productive while being restricted. Even the exams were conducted in the same way keeping in mind the associated factors and students. Other teaching aids were also welcomed open heartedly as Institute's prior aim was to impart knowledge in the students. This pandemic also taught us the importance and privileges of being able to attend college, do things normally and importance of learning.

### 41. COLLABORATIONS

#### 40(a) NUMBER OF COLLABORATIVE ACTIVITIES FOR RESEARCH, FACULTY EXCHANGE, STUDENT EXCHANGE DURING THE YEAR

Nature of Activity	Participant	Source of Financial Support	Date(s)	Duration
<b>Electrical Engineering</b>				
Ph.D	Praveen Bansal	DTU Delhi	2019	2019-till date
Ph.D	Kuldeep Kumar Swarnkar	DTU Delhi	2020	2020-till date
Ph.D	Rakesh Narvey	DTU Delhi	2020	2020-till date
Ph.D	Saket Gupta	DTU Delhi	2017	2017-till date
Ph.D	Bhavna Rahore	IIT kanpur	2013	2013-till date
Ph.D	Aparajita Kumari	IIT-ISM Dhanbad	2017	2017-till date
Ph.D	Saurabh Kumar RajPut	NIT Patna	2019	2019-till date
Ph.D	Nipun Gupta	MNIT Jaipur	2019	2019-till date
Ph.D	Shweta Kumari	DTU Delhi	2020	2020-till date

#### 40(b) LINKAGES WITH INSTITUTIONS/INDUSTRIES FOR INTERNSHIP, ON-THE-JOB TRAINING, PROJECT WORK, SHARING OF RESEARCH FACILITIES ETC. DURING THE YEAR

Nature of Linkage	Title of the Linkage	Name of the Partnering Institution/ Industry/Research Lab with Contact Details	Date(s) (From-To)	Duration	Participant
<b>Mechanical Engineering</b>					



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Internship		IIT Hyderabad	01/06/20-01/07/20		Sanya jain
Internship		IIT Hyderabad	01/06/20-01/07/20		Abhishek Srivastava
Internship		MSME Jaipur	15/06/20-14/07/20		Abhishek gour
Internship		Google digital garage	26/06/20-11/07/20		Rishi Kumar thakur
Internship		Indian Army	01/06/20-01/08/20		Harsh Arjeria
Internship		Coursera	01/06/20-06/07/20		Perin Siddiqui
Internship		Orient Paper Mills			Ankit Sharma
Internship		Gayatri Auto Industry Gwalior			Reema Pal
Internship		J K Tyre and Industries Limited, Banmore			Vaibhav Dorsatwar
Internship		Gayatri Auto Industry Gwalior			Ankit Sharma
Internship		Gayatri Auto Industry Gwalior			Naman Rathore
Internship		Gayatri Auto Industry Gwalior			Pankaj Yadav
Internship		Gayatri Auto Industry Gwalior			Swadesh Sharma
Internship		IIIT Allahabad			Abhishek Gupta
Internship		J K Tyre and Industries Limited, Banmore			Abhishek Singh Bhadoria
Internship		JK WHITE Cements KATNI			Akshat Pandey
Internship		Trikalp Laminates Pvt. Ltd.			Aman Rajput
Internship		Trikalp Laminates Pvt. Ltd.			Anand Kumar Singh
Internship		SATYAM Solutions limited			Anand Singh Chaurasiya
Internship		Global Heavy Engineering Industries, Bhopal			Anunay Vimal
Internship		Trikalp Laminates Pvt. Ltd.			Arjith Vashishth
Internship		Trikalp Laminates Pvt. Ltd.			Arpit Bansal
Internship		JK Tyres & Industries Ltd ,Banmor			Ashish Kumar Patel
Internship		Trikalp Laminates Pvt. Ltd.			Ashutosh Pansari
Internship		PVC Pipe Manufacturing Plant			Chirag Mairawat
Internship		Trikalp Laminates Pvt. Ltd.			Devesh Agrawal



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Internship		Trikalp Laminates Pvt. Ltd.			Divyam Pachori
Internship		VE Commercial Vehicles Ltd.			Harshit Gupta
Internship		Coaching depot, indian railways			Harshit Rai
Internship		Trikalp Laminates Pvt. Ltd.			Himanshu Mahor
Internship		Gayatri Auto Industry Gwalior			Jaya Harsh
Internship		Teva India Pvt Ltd			Kartikey Vashishtha
Internship		Satyam solution Ltd			Lawalesh Kumar Prajapati
Internship		Pithampur Auto Cluster			Manas Bilgaiya
Internship		Surya Rishni Malanpur			Mayank Agrawal
Internship		Birla Cement, Satna			Mayank Kumar
Internship		Trikalp Laminates Pvt. Ltd.			Mohit Chandel
Internship		Birla Cement, Satna			Nilaya Singh
Internship		Orient Paper Mills			Nitesh Kumar Singh
Internship		Hyundai motors			Nitin Kumar Bhalavi
Internship		Montage Enterprises Pvt. Ltd Malanpur			Pankaj Kushwah
Internship		Trikalp Laminates Pvt. Ltd.			Parag Maheshwari
Internship		Nirmax Cement, Nimbol, Rajasthan			Piyush Singh
Internship		Varroc Engineering Limited VEL III Chakan plant pune			Pranay Jain
Internship		Montage Entreprises Pvt Ltd			Prashant Dhamania
Internship		Trikalp Laminates Pvt. Ltd.			Prashant Chouhan
Internship		Trikalp Laminates Pvt. Ltd.			Prayas Singh Bhadoria
Internship		Numeric Infosystem Private Limited			Prince Arya
Internship		Global Heavy Engineering Industries, Bhopal			Priyansh Bhadoriya
Internship		Bansagar dam.			Priyanshi Rajput
Internship		Eicher tractor and trucks			Ritik Barua
Internship		Trikalp Laminates Pvt. Ltd.			Rohan Bathre
Internship		Amba Shakti Udyog ltd			Sahdev Mishra



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Internship		Trikalp Laminates Pvt. Ltd.			Sandesh Patidar
Internship		UltraTech Cement Ltd., Unit: Bela Cement Works, District: Rewa (M.P.)			Sapranshu Agrawal
Internship		Gayatri Auto Industry Gwalior			Shalini Verma
Internship		Trikalp Laminates Pvt. Ltd.			Shivansh Chauriha
Internship		Bansagar dam.			Shraddha Shukla
Internship		Bansagar dam.			Shubham Agrawal
Internship		Numeric Infosystem Private limited			Shubham Pratap Singh
Internship		Gayatri auto industry			Subhash Singh
Internship		Indo-German tool room, indore			Surendra Jadhaw
Internship		Birla Corporation Limited , Satna			Sushil Singh Rathore
Internship		Meditab Software, Ahmedabad			Utkarsh Singh Bais
Internship		SRF ,Malanpur Madhya Pradesh			Vilas Singh Bhadoriya
Internship		Trikalp Laminates Pvt. Ltd.			Vinod Manmode
Internship		Volvo Eicher dewas			Vipul Mani Tripathi
Internship		Trikalp Laminates Pvt. Ltd.			Vivek Nawariya
Internship		Global heavy engineering industries			Yash Prajapati
Internship		Case construction new Holland pvt limited company			Ankit Gangil
Internship		Teva API indian Lt			Ankit Shrotriy
Internship		Thermal power plant ( boiler maintenance division) , Jhansi (U.P.)			Arun Ahirwar
Internship		Escorts limited			Ayushi Mishra
Internship		TATA Steel, Jamshedpur			Harsh Kumar Singh
Internship		SRF power plant			Himanshu Vittolia
Internship		Modern Cooling Solution, Zirakpur			Rishi Kumar Thakur
Internship		Thermal power plant pariccha Jhansi Uttar Pradesh			Saurabh Kumar Ahirwar
Internship		Teva API indian Lt			Shivam Jha
Internship		Birla Corporation Limited , Satna			Shivam Shivhare



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Internship		Thermal power plant pariccha			Shivani Tiwari
Internship		Birla Corporation Limited , Satna			Yagyatt Shihhare
Internship		EKSPE software services LLP, Ground Floor, Admin Building, IT Park, near RGPV University, Gandhi Nagar, Bhopal, Madhya Pradesh 462033			Aaruni Gupta
Internship		Delhi Metro Rail Corporation(DMRC) , Janakpuri West , Pachim Vihar			Abhimannat Dhillon
Internship		Supreme industry Ltd.,			Abhishek Jain
Internship		HCC-VCC JV For Project In NDMRC			Abhishek Jain
Internship		Apex Powers . Address:- NH 509 , Ruheri, Aligarh Rd, opposite Maruti Car Showroom, Hathras, Uttar Pradesh 204101			Adarsh Singh Raghuvanshi
Internship		Force Motors limited,Pithampur, Dhar (M.P)			Aditya Singh
		EKSPE software services LLP Ground Floor, Admin Building, IT Park, near RGPV University, Gandhi Nagar, Bhopal, Madhya Pradesh 462033			Akash
Internship		DMRC(HCC), Vikaspuri, Janakpuri West Metro Station			Akhand Pratap Singh Tomar
Internship		Force motors Pithampur industrial area, Dhar			Anupam Sharma
Internship		Indo autotech limited unit 5 narasupara Karnataka 563133			Ashutosh Kumar Rai
Internship		Baba Automobile Pvt. Ltd, 19, Nand Vihar, Sector 3, Pratap Nagar, Jaipur			Astitva Tiwari
Internship		Baba Automobile Pvt. Ltd, 19, Nand Vihar, Sector 3, Pratap Nagar, Jaipur, Rajasthan			Ayush Agrawal
Internship		NHK Spring India Lmted (Manesar ,			Ayush Choudhary



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		Gurgaon)			
Internship		Smart City Sagar , New Collectorate Campus Infront of Peeli Khoti Civil Lines, Madhya Pradesh 470002 (electromagnetic ebike)			Bharat Singh Rajput
Internship		VE commercial vehicles, pithampur			Garvit Vyas
Internship		Kanishka IT Pvt.Ltd. , Address - Garima Arcade, MLB Rd, near Regal Hotel, Shinde Ki Chhawani, Gwalior, Madhya Pradesh 474002			Hardik Kulshrestha
Internship		AppTech Interactive, 704, Millennium Plaza, Gwalior 474002			Harsh Arjeria
Internship		Delhi metro rail corporation, Janakpuri West , New Delhi			Harsh Parashar
Internship		DMRC (hcc),vikaspuri, janakpuri west metro station , new delhi			Himanshu Prajapati
Internship		Jamna Auto industries limited, malanpur			Kanika Shukla
Internship		Mahindra & Mahindra Ltd. swaraj division phase 4 ,mohali ,PUNJAB			Mohit Bhadoria
Internship		EKSPE software services LLP Ground Floor, Admin Building, IT Park, near RGPV University, Gandhi Nagar, Bhopal, Madhya Pradesh 462033			Mohit Shakya
Internship		Supreme industry limited, Malanpur			Navdeep Parashar
Internship		Abhiraj Associate- Bhosale shinde arcade, 5th floor, Deccan, Pune, 411004			Perin Siddiqui
Internship		EKSPE software services LLP, Ground Floor, Admin Building, IT Park, near RGPV University, Gandhi Nagar, Bhopal, Madhya Pradesh 462033			Pragyan Verma
Internship		DMRC(HCC),Vikaspuri, Janakpuri			Prakash Singh Rajawat



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		West Metro Station New Delhi			
Internship		Jamna Auto Industries Limited U - 27 to 29, Industrial Area, Bhind, Malanpur, Madhya Pradesh 477116			Pranjal Sharma
Internship		Supreme industry Ltd.,			Prashant Shitole
Internship		Jankpuri west metro station (vikaspuri), New Delhi-110046			Prashant Tomar
Internship		NHK spring india limited , Manesar Gurgaon			Rajat Verma
Internship		Baba Automobile Pvt. Ltd, 19, Nand Vihar, Sector 3, Pratap Nagar, Jaipur			Rohan Agrawal
Internship		DMRC(HCC), Vikaspuri, Janakpuri West Metro Station, New Delhi			Sameer Verma
Internship		Mahindra & mahindra Ltd. Swaraj division phase 4 Mohali Punjab			Sarthak Gupta
Internship		JK Tyres, NH3, Banmore, Morena, Madhya Pradesh			Shashank Jain
Internship		Locomotive diesel Agra cantt			Siddheshwar Pandey
Internship		Surya Industry			Sumit Singh Tomar
Internship		Delhi Metro Rail Corporation (DMRC), Janakpuri West Metro Station (Vikaspuri), New Delhi-110046			Vaibhav Chaubey
Internship		Mahindra & Mahindra LMT swaraj division, Mohali ( Punjab)			Aman Tomar
Internship		APEX POWERS Address:- NH 509 , Ruheri, Aligarh Rd, opposite Maruti Car Showroom, Hathras, Uttar Pradesh 204101			Rohit
Internship		EKSPE software services LLP, Ground Floor, Admin Building, IT Park, near RGPV University, Gandhi Nagar, Bhopal, Madhya Pradesh 462033			Tarun Kumar



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Internship		EKSPE software services LLP Ground Floor, Admin Building, IT Park, near RGPV University, Gandhi Nagar, Bhopal, Madhya Pradesh 462033			Garv Sehgal
<b>Electronics Engineering</b>					
	Internship	ACSEN HyVeg (P) Ltd. -- Address EG-17, Scheme No 54 Vijay Nagar , Indore (MP), Pin 452010	15/02/2021	4 Months	01
	Internship	Genexcellence , 724/B, Anand Vihar, Scheme 103, Indore	15/02/2021	4 Months	01
	Internship	Coral business systems,73, Service Rd, Near Raymond Showroom, Zone-II, Maharana Pratap Nagar, Bhopal, Madhya Pradesh 462011	15/02/2021	4 Months	01
	Internship	Techzuke Software services Pvt. Ltd., 401 C2 Orchid, Anand Nagar, Thane-West, Mumbai,400615	15/02/2021	4 Months	01
	Internship	Smart Controls India limited, Gwalior	15/02/2021	4 Months	01
	Internship	Numeric Infosystem pvt LTD, 13, gulabchand ki bagichi , behind jhawar state , Gwalior	15/02/2021	4 Months	05
	Internship	PN Infosys MIG-332 Darpan Colony, Thatipur, Gwalior, Madhya Pradesh 454011	15/02/2021	4 Months	13
	Internship	Tech Bharat, C-65, 2nd Floor, Vibhuti Khand, Gomti Nagar Lucknow Uttar Pradesh 226010	15/02/2021	4 Months	01
	Internship	Vitraya Technologies Private Limited, Address-2nd Floor,Stpi Incubation Centre Plot No. C 184, Sector 75, Industrial Area Phase 8 A, Sas Nagar Mohali Mohali Pb 160071 In.	15/02/2021	4 Months	01
	Internship	X2 infotech pvt. Lt. , Sainik colony,	15/02/2021	4 Months	05



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		pinto park, gwalior 474005			
	Internship	Thermal power plant parichha(u.p.)	15/02/2021	4 Months	01
<b>Chemical Engineering</b>					
Internship	Project Work	iNeuron Corporation Ltd., Karnataka			Parth Nigam
Internship	Project Work	Myriadly Pvt. Ltd., Malanpur, Gwalior (M.P.)			Pratyush sharma
Internship	Project Work	Maral Overseas Ltd, khalghat (M.P.)			Ankit Singh Gurjar
Internship	Project Work	Shree Gour Herbal AndAgrotech Pvt Limited with Army Bajariya, Gwalior (M.P.)			Prince Prajapati
Internship	Project Work	Lanxess Pvt. Ltd., (Nagda)			Kartik Solanki
Internship	Project Work	Lanxess Nagda Pvt. Ltd., (Nagda)			Ranjan Prasad Yadav
Internship	Project Work	Mondelez India Pvt. Ltd., Malanpur, Gwalior (M.P.)			Jai shrivastav
Internship	Project Work	J.K Tyres & Industries Ltd banmore Morena, Gwalior (M.P.)			Anuj dubey
Internship	Project Work	NFL		20 March21 April	Akash pal
Internship	Project Work	SahkariDugdh Sangh maryadit, Gwalior (M.P.)		15 Feb to 15 May	Pradhumn Singh Jadon
Internship	Project Work	Techy Circle, Greater Noida UP		1 Feb to 26 June	Jatin Kishore Patel
Internship	Project Work	Fine Associate, Bhopal		25 Feb to 30 May	VIBHUTI NAGESHWAR
Internship	Project Work	Mondelez India Foods Pvt. Ltd. Malanpur, Gwalior (M.P.)		26 Feb-26 May	Nishtha Gupta
Internship	Project Work	Bentchair Pvt. Ltd., Gurgaon		1 Feb to 1 June	Kanishka Chaturvedi
Internship	Project Work	Shreyanshi Industry, Malanpur, Gwalior (M.P.)			Dinesh Ahirwar



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Internship	Project Work	NFL			YatanMugdhal
Internship	Project Work	Numeric infosystem Pvt. Ltd., Gwalior (M.P.)			Harshit Bhatnagar
Internship	Project Work	Godrej Consumer products limited, Malanpur, Gwalior (M.P.)			Shruti Bajpai
Internship	Project Work	SHREYANSHI INDUSTRY, Malanpur, Gwalior (M.P.)			Payal Gupta
Internship	Project Work	NFL		20 March21 April	Adarsh Gupta
Internship	Project Work	NFL			Yash Sharma

### 42. MoUs SIGNED WITH INSTITUTIONS OF NATIONAL, INTERNATIONAL IMPORTANCE, OTHER INSTITUTIONS, INDUSTRIES, CORPORATE HOUSES ETC. DURING THE YEAR

S. No.	Name of the Firm	Date of Signing	Validity/Period	Purpose and Activities	Number of Participated under MoUs	
					Teachers	Students
<b>Electrical Engineering</b>						
1	M/s Maa Sharda Structures & Suppliers Pvt. Ltd.	July, 2017	3 years (Renewed)	Industrial Visits	06	26
<b>Electronics Engineering</b>						
1	Robokriti India	01-03-2021	3 Years	The main aim is to help the students/ faculty for knowledge enhancement and further development.	-	-
2	Smart Controls India Pvt. Ltd., Gwalior	01-03-2021	3 Years	Students/ faculty for knowledge enhancement, training and industrial visits	-	-
3	Hitsvai Pvt. Ltd. Noida	01-03-2021	3 Years	Students/ faculty for knowledge enhancement, training , Internship and Industrial visits	-	-
<b>Architecture</b>						
1	Gwalior Smart City	14/7/2019	Ongoing	Expert opinion to Development of Smart City Gwalior	01	-



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### 43. THESIS/DISSERTATION GUIDANCE

#### (I) M.E./M.TECH. DISSERTATIONS COMPLETED

S. No.	Name of Candidate	Name of Supervisor/ Co-Supervisor	Title	Status (Submitted/ Viva Conducted/ Completed)
<b>Mechanical Engineering</b>				
1.	K.P. Singh	Dr. M.K. Gaur	Multi-variable analysis and optimization of Electrical Discharge machining process using PCA-ANN Based Approach	Completed
2.	Nikhil Aditya	Dr.Jyoti Vimal	Numerical Study on Buckling Resistance of Composite Laminates containing V-shaped edge notch using FEM	Completed
<b>Electrical Engineering</b>				
1	Ashwini Kukreja	Dr. A.K. Wadhvani Dr. S. Wadhvani	An Efficient Method For Analysis of Textural Features of Brain Tumor MRI Image	Completed
2.	Ashutosh Kumar Singh	Prof. Rakesh Narvey Prof. Vishal Chaudhary	Accurate Detection of Breast Cancer Using GLCM and LBP Features with ANN via Mammography	Completed
3.	Himanshu Shukla	Prof. A. Patra Prof. Kuldeep Swarnkar	Energy Management In Hybrid Power System	Under Process
4.	Kingshuk Roy	Dr. L. Srivastava Dr. Shishir Dixit	Different Evolutionary Computing Based Algorithms for Real Power Loss Minimization Using Optimal DG and Capacitor Allocation	Completed
5.	Liju Shaji	Prof. Praveen Bansal Dr. Vijay Bhuria	A Single Phase Single Source Switched Capacitor Multilevel Inverter With Voltage Boosting Capability	Completed
6.	Salil Madhav Dubey	Dr. H. M. Dubey Dr. Manjaree Pandit	Optimum Generation Scheduling of Microgrid Using Nature Inspired Algorithm	Completed
7	Monu Ram Tyagi	Dr. Shishir Dixit	Optimal Placement of SVC for Performance Improvement of Power System using Genetic Algorithm	Completed
8	Abhinav Kumar Babul	Dr. Himmat Singh Prof. Saurabh Kumar Rajput	Energy and Economic Analysis of Grid Connected Rooftop Solar PV System	Completed
<b>Electronics Engineering</b>				
1	Tanvi Agarwal	Dr. Laxmi Shrivastava	Soil Salinity Estimation using Support Vector Regression (SVR) and Artificial Neural Network (ANN)	Completed



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2	Ajay Chaturvedi	Dr. Laxmi Shrivastava	An IoT based Wireless Sensor Network for Air Pollution Monitoring	Completed
3	Vivek Kumar	Deep Kishore Parsediya	Microstrip based wideband antenna design for GSM and S-band applications	Completed
4	Shruti Dixit	Dr. R. P. Narwaria Mr. Deepak Batham	Routing and Spectrum Allocation with Class of Service in Elastic Optical Network	Completed
5	Priyanka Singh	Dr. Laxmi Shrivastava	De-Blurring of Degraded Image with Smoothing Filters	Completed
6	Gunjan Para	Dr Karuna Markam	Design of an Effective Finite Impulse Response Filter Using Two Variable Adaptable Window Function	Completed
<b>CSE</b>				
1.	Sumit Sharma	Mahesh Parmar	An Optimization Technique to predict the accuracy of classifier for heart disease.	Completed
2.	Mohan Dhurvey	Rajeev Kumar Singh	Deep transfer modelling for classification of plant leaf disease	Completed
3.	Om Kumari Soni	J.S. Kumare	Development of Hybrid Approach for under water image enhancement using NPEA	Completed
4.	Vikesh Shakya	Abhilash Sonkar	Time efficient cluster based page ranking techniques using Firefly algorithm	Completed
5.	Romsha Dhameja	Jaimala Jha	A Hybrid approach for Image Retrieval using DBSCAN and practical Swarm Optimization algorithm	Completed
6.	Rahul Goyal	Amit Kumar Manjhvar	Analysis of Efficient Classification Algorithm for Credit Card Fraud Detection using XGBoost Classifier	Completed
7.	Shefali Goel	Dr. R.K. Gupta	Sentiments Analysis from Movies Reviews Using Data Mining Techniques	Submitted
8.	Samiksha Khule	Prof. Abhilash Sonker	Network Security based IDS using the convolutional Neural Network for Classification	Submitted
9.	Shubhngi Jadon	Prof. Neha Bhardwaj	An Energy-Efficient Mobile Sink based Clustering using Simulated Annealing for Traversing	Submitted
10.	Soumya Shrivastava	Punit Kumar Johari	Deep Learning Approach for Mobile Banking Fraudulent Transaction to detect financial fraud	Submitted
11.	Tanya Shrivastava	Punit Kumar Johari	LGCBPNN: Determine the multi-layer neural network using local gravitational clustering	Submitted
<b>IT</b>				
1	Shubhangi Jadon	Neha Bhardwaj	An Energy Efficient Mobile Sink based clustering using simulated Annealing for Traversing	Completed
2	Rahul Yadav	Jamvant Singh Kumare	Lung Cancer Detection from Medical Images via Quadratic -	Completed



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			SVM Classifier.	
3	Vaibhav Yadav	Kushboo Agarwal	A New Approach of Haze Removal Using Image Visibility Restoration Technique	Completed
4	Abhishek Satyarthi	Dr. Sanjiv Sharma	Enhancement of Cloud Database Migration Using Harmony-Search Genetic Algorithm	Completed
<b>Architecture</b>				
1	Abhishek Saboo	Dr. Anjali S. Patil	Innovation In Sustainability Tod A Way Forward: A Case of Indore	Completed
2	Bhavna Agarwal	Dr. Anjali S. Patil	Planning for Cbd Area “ Gole Market”, Udhampur	Completed
3	Himanshu Sengar	Dr. Anjali S. Patil	Urban Mobility Strategies for Core City Indore	Completed
4	Kapil Patidar	Dr. Anjali S. Patil	Planning Strategies for Development of Peri-Urban Area: A Case of Indore	Completed
5	Aditi Agrawal	Dr. S. S. Jadon	Integrated Planning for Tourism and Intangible Cultural Heritage, Gwalior	Completed
6	Akrati Sharma	Dr. S. S. Jadon	Strategies to Stimulate Industrial Growth in the Region: A Case of Malanpur and Banmore	Completed
7	Gourav Singh Senger	Dr. S. S. Jadon	Development Strategies for A Smart Village: A Case of Pakdi Village	Completed
8	Kriti Agrawal	Dr. S. S. Jadon	Planning For Urban Poor to Remove Disparities: A Case of Gwalior City	Completed
9	Kritika Mathur	Dr. S. S. Jadon	Solid Waste Management Plan for Slum Dwellers Near Landfills, Case of Jabalpur City	Completed
10	Luv Swami	Dr. S. S. Jadon	Planning Strategies to Mitigate Urban Sprawl: A Case of Gwalior	Completed
11	Pradeep Kumar	Dr. S. S. Jadon	Improving Walkability: A Comparitive Study of Formal and Informal Residential Areas of Gwalior	Completed
12	Shreya Mishra	Dr. S. S. Jadon	Redevelopment of Birla Nagar, Gwalior	Completed
13	Thoudam Sudha Devi	Dr. S. S. Jadon	Planning for Urban Flood Disaster Risk Mitigation: A Case of Imphal	Completed
14	Priya Sengar	Dr. S. S. Jadon	Revitalization of central recreation zone of Gwalior city in historic precinct. Phool Bagh	Completed
15	Reena Tomar	Dr. S. S. Jadon	Enhancing the tourism potential in Gwalior region	Completed



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## (II) Ph.D. CANDIDATES ONGOING/AWARDED IN 2020-2021

S. No.	Name of Candidate	Name of Supervisor/ Co-Supervisor	Registration Date/Month	Title/Area	Status (Registered/ Course Work Completed/ RDC Done/Submitted/ Apply for Extension/Awarded)	University
<b>Civil Engineering</b>						
1	Mukesh Pandey	Dr. M. K Trivedi			Awarded	RGPV
2	Mohan Kanthariya	Dr. M. K Trivedi			Awarded	RGPV
3	Rakesh Gupta	Dr. M. K Trivedi		CTM	Ongoing	RGPV
4	Aditi Tiwari	Dr. M. K Trivedi	Sep 2018	CTM	Ongoing	RGPV
5	Shyamveer Singh Chauhan	Dr. M. K Trivedi	Sep 2018	Water Pollution	Ongoing	RGPV
6	Manish Sharma	Dr. Rajiv Kansal	Sep 2018	CTM	Ongoing	RGPV
7	Jay Singh Rajput	Dr. M. K Trivedi	Aug 2019	Air Pollution	Ongoing	RGPV
8	Kamal Sharma	Dr. M. K Trivedi	Aug 2019	CTM	Ongoing	RGPV
9	Sanjay Kumar Vaishnav	Dr. M. K Trivedi	Aug 2019	Concrete Technology	Ongoing	RGPV
10	Wajid Hussain	Dr. M. K Trivedi	Dec 2020	CTM	Ongoing	RGPV
11	Shubham Chitransh	Dr. Sanjay Tiwari	Sep 2020	CTM	Ongoing	RGPV
<b>Mechanical Engineering</b>						
1	Pawan Agarwal	Dr. P. Jayaswal	18/12/2012	Development of expert system for fault diagnosis and prognosis of rolling element bearing using vibration signature analysis	Awarded Date : 04/06/2021	RGPV
2	Amarjeet Dutta	Dr. C S Malvi	20/01/2021	Thermal Energy	Entrance exam passed	RGPV
3	Ritesh Goel	Dr. C S Malvi	18/01/2021	Composite Material	Entrance exam passed	RGPV
4	Jitendra Singh Kirar	Dr. Manish Kumar Sagar	15/09/2020	-	Ongoing	RGPV
<b>Electrical Engineering</b>						
1	Shilpi Sisodia	A.K.Wadhvani	18/06/2010	Transmission System Planning using Evolutionary Techniques	Draft Thesis Submitted	RGPV
2	Shilpi Singh	A.K.Wadhvani	28/06/2012	Development of Diagnostics	Draft Thesis Submitted	MGCGV,



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				System for Surface EMG signals Analysis using soft Computing Techniques		Chitrakoot, Satna
<b>Electronics Engineering</b>						
1	Manoj Singh Tomar	Dr. Laxmi Shrivastava	30.11.2018	-	Course Work in Progress	RGPV, Bhopal
2	Bhupendra Dhaka	Dr. Laxmi Shrivastava	30.11.2018	-	Course Work completed	RGPV, Bhopal
3	Madhav Singh	Dr. Laxmi Shrivastava	30.11.2018	Designing an Energy Efficient Wireless Sensor network by using Optimization techniques	Course Work completed	RGPV, Bhopal
4	Pooja Sahoo	Dr. P. K. Singhal	02/2018	Design Circular Polarised Microstrip Antenna for RFID and GSM Band	RDC Done	RGPV, Bhopal
5	Deep Kishore Parsediya	Dr. P. K. Singhal	02/2018	Design and Analysis of Rotman Lens Antena for 5G Applications	RDC Done	RGPV, Bhopal
6	Asmita Rajwat	Dr. P.K.Singhal	2010	Energy Harvesting from Microwave Power Transmission	completed	RGPV, Bhopal
7	Deepti Gupta	Dr. P.K. Singhal	18.2.2012	Design and Development of Microstrip Filters using Matamaterials	Draft Thesis Submitted	RGPV, Bhopal
8	Anshul Agarwal(RA under TEQIP)	Dr. Vandana Vikas Thakare	2.2.2018	Design of Broadband Dual Polarization dipole antenna for Base Station Application	RDC completed	RGPV, Bhopal
9	Shailendra Singh Ojha	Dr. Vandana Vikas Thakare Dr. P.K. Singhal	2.2.2018	Design and Analysis of Rectenna For Wireless Energy Harvesting	RDC completed	RGPV, Bhopal
10	Abhilasha Sharma	Dr. Rekha Gupta Dr. Sarita Singh Bhadauria	25.2.2018	Image Compression Using Improved Techniques for Sparse Filtering and Compressive Sensing	RDC completed	RGPV, Bhopal
11	Shashi Bhushan	Dr. P.K. Singhal	2010	Planar Microstrip Patch Antenna with Practical	Completed	RGPV, Bhopal



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				Geometry		
12	Sumanta Kumar	Dr. P.K. Singhal	2010	Patch Antenna Conformal to planar and non planar Surfaces.	Completed	RGPV, Bhopal
<b>CSE/IT</b>						
1.	Prateek Gupta	Dr. R.K. Gupta Dr. Akhilesh Tiwari	12 January 2018	Development of New Framework for Optimized Opinion Mining	RDC Done	R.G.P.V Bhopal
2.	Abhishek Dixit	Dr. Akhilesh Tiwari Dr. R.K. Gupta	12 January 2018	Swarm Intelligence Based Framework for Multilevel Hesitation Mining	RDC Done	R.G.P.V Bhopal
3.	Vishakha Agrawal	Dr. R.K. Gupta Dr. Akhilesh Tiwari	12 January 2018	Data mining	Course Work Completed (Synopsis Submitted)	R.G.P.V Bhopal
4.	Nishtha Parashar	Dr. Akhilesh Tiwari Dr. R.K. Gupta	12 January 2018	Deep Learning Based Technique for Mining Image Data Association	RDC Done	R.G.P.V Bhopal
5.	Rajeev Kumar Singh	Dr. Akhilesh Tiwari Dr. R. K. Gupta	06 December 2018	Image mining	RDC Done	R.G.P.V Bhopal
<b>CSE</b>						
1.	Khushboo Agrawal	Dr. Manish Dixit	11 January 2018	Development of Novel Framework for Recognition of Restored Image	RDC Done	R.G.P.V Bhopal
2.	Ruchi Jaiswal	Dr. Manish Dixit	10 August 2018	Digital Image Processing	RDC Done	R.G.P.V Bhopal
3.	Punit Kumar Johari	Dr. R.K. Gupta	17 February 2012	A Novel Approach for Retrieving Images using Soft Computing Techniques	Thesis Submitted	R.G.P.V Bhopal
4.	Abhilash Sonker	Dr. R.K. Gupta	17 February 2012	A New Approach for Misbehavior Detection of Nodes in VANET	Thesis Submitted	R.G.P.V Bhopal
5.	Arvind Kumar Sharma	Dr. R.K. Gupta	07 February 2012	Development of New Algorithms for Trend Detection & Prediction in Spatial Databases	Thesis Submitted	R.G.P.V Bhopal
6	Jaimala Jha	Dr. Sarita Singh Bhadauria	26 October 2013	A Framework for Fast Retrieval & Identification of	Thesis Submitted	R.G.P.V Bhopal



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				Movement Images using visual features and Data Mining Techniques		
7	Shradha Dubey	Dr. Manish Dixit	29 July 2019	Image Processing	Course Work	R.G.P.V Bhopal
8	Priyanka Gupta	Dr. Manish Dixit	31 July 2019	Image Processing	Course Work	R.G.P.V Bhopal
9	Jamvant Singh Kumare	Dr. Manish Dixit	03 October 2019	Image Processing	Course Work	R.G.P.V Bhopal
<b>Chemical Engineering</b>						
1	Swati Gupta	Dr. Sarita Sharma/ Dr. Pratesh Jayaswal	Feb 2021	Modeling and Kinetic studies on Fluoride contaminated drinking water in M.P Zone	Registered Course work	R.G.P.V Bhopal
<b>IT</b>						
1	Archana Gupta	Dr.Akhilesh Tiwari Dr. Sanjeev Jain	27/02/ 2012	A Novel System for Mining Incremental Frequent Item Set without Candidate Generation	Awarded Viva Voce Exam Conducted on 21st Dec. 2020 and Notification issued on 4th Jan., 2021	R.G.P.V Bhopal
2	Shubham Sharma	Dr.Akhilesh Tiwari	31/07/ 2019	Data Mining	Course Work Completed	R.G.P.V Bhopal
3	Mahesh Parmar	Dr.Akhilesh Tiwari	03/10/2019	Data Mining	Course Work Completed	R.G.P.V Bhopal
4	Shailendra Satyarthi	Dr.Sanjiv Sharma	2/12/2020	Semantic Analysis	Course Work	R.G.P.V Bhopal
5	Pankaj Sharma	Dr.Sanjiv Sharma	28/1/2021	Big Data Computing	Course Work	R.G.P.V Bhopal
6	Reena	Dr.Akhilesh Tiwari	18/01/2021	Data Mining	Course Work	R.G.P.V Bhopal
<b>MAC</b>						
1	Jitendra Kumar	Dr.V.P. Shinde (Supervisor)	22/02/2012	Performance Analysis of Some Queueing Models	Awarded on 05 October 2020	RGPV Bhopal
2	Dilip Ku. Mishra	Dr.V.P. Shinde (Co-Supervisor)	20/06/2016	A Study of Function Evaluation by Evolutionary Algorithm for Global	Submitted On 03 Nov. 2020	Barkatullah University, Bhopal,



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				Numerical Optimization		M.P
3	Alok Jain	Dr. D K Jain (Guide) Dr. Renu Jain (Co-Guide)	17/12/2015	A study of basic hypergeometric function with special reference to quantum calculus	Awarded on (28/10/2020) Notification no. 2020/143	Jiwaji University, Gwalior
<b>Applied Science</b>						
1	Dr. Anupma Agarwal	Shourabh Bhattacharya	10/05/2016	Analytical Investigation of Atmospheric Parameters in Normalised and Perturbed conditions	In process	Rabindra Nath Tagore University, Bhopal
<b>Architecture</b>						
1	Vishal Yardi	Dr. R. K. Pandit	26.9.2014	Modelling Energy Efficient Buildings - A Case of Indore City	RDC Cleared Re-registration required before 26.09.2019. Apply for Re-registration on dated 07.09.2019 Fee paid up to 2019-20	RGPV
2	Rajeev Parashar	Dr. R. K. Pandit	23.2.2018	Conceptual Framework for strengthen urban identity through culture responsive built environment	RDC letter No. RGPV/Acad./PhD/RDC-ANO/CT/ 2019/1770 dt. 03.10.2019 Fee paid up to 2019-20	RGPV
3	Sudhir Singh Sikarwar		22.6.2018		RDC letter No. RGPV/Acad./PhD/RDC-ANO/CT/ 2019/1770 dt. 03.10.2019 Fee paid up to 2019-20	RGPV
4	Rishika Shah NDF	Dr. R. K. Pandit & Dr. M.K. Gour	17.12.2018	Integrated Urban Physics and Thermal Comfort for Sustainable Street Cyclon	RDC letter No. RGPV/Acad./PhD/RDC-ANO/AR/2020/7541 8.12.2020	RGPV
5	Rebecca Singh Jadon	Dr. Alok Shurma/ Dr. S.K. Jain	30.11.2018	Place identity: Evaluation of experimental parameters in design of public spaces for transgenerational design	1st semester course work pursuing result awaited and fee paid up to 2019-20	RGPV



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6	siddharth singh jadon	Alok Sharma/ Dr. Anjali S. Patil	30.11.2018	Conjectural reconstructive analysis of heritage precinct - case of Gwalior fort	RDC Submitted	RGPV
7	Sanjay Shrivastava	Dr. Alok Sharma Dr. S.S. Kushwah	02.09.2019	Tentative -AI modulations for key areas of Urban Planning	1st semester course work complete and fee paid up to 2019-20	RGPV
8	Vandana Tiwari Shrivatava	Dr. Alok Sharma Dr. S.S. Kushwah/ Dr. S.S. Jadon	2.09.2019	Mitigating microclimate of open spaces in high density urban built environment	RDC Submitted	RGPV
9	Swati Agrawal	Dr. Sanjay Singh Jadon	02.09.2019	Tentative- Reorganization of Urban spaces for optimum of land	II semester course work Complete fee paid up to 2021	RGPV
10	Kinzalk Singh Chouhan	Dr. Anjali S. Patil	18.01.2021			RGPV
11	Dushyant Ludhekar	Dr. S. S. Jadon	18.01.2021			RGPV
12	Richa Mishra	Dr. S. S. Jadon	28.01.2021			RGPV
13	Pranshi Jain	Dr. S. S. Jadon	28.01.2021			RGPV
14	Siddarth Mishra	Dr. S. S. Jadon	28.01.2021			RGPV
15	Ashish Sharma	Dr. Anjali S. Patil				Amity University, Gwalior

### SUMMARY OF Ph.D. CANDIDATES DEPARTMENT WISE (Year 2020-2021)

Department	No. of Faculty who are Ph.D. Guides	Registered Students	No. of Ph.Ds Awarded
Civil Engineering	03	07	02
Mechanical Engg.	-	-	-
Electrical Engg.	06	06	02
Electronics Engg.	04	12	03
Computer Science and Engineering	05	24	-
Information Technology	02	10	01
Engineering Mathematics &	02	04	02



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Computing			
Applied Sciences	01	01	-
Architecture	03	15	-
<b>Total</b>	<b>26</b>	<b>79</b>	<b>10</b>

#### 44. INDUSTRIAL VISITS ORGANIZED

S. No.	Date	Name of Industry	No. of Students	No. of Faculty/ Staff	No. of Day(s)	2020 Observations and Impact
<b>Electronics Engineering</b>						
1	22-12-2020	IAV Integral Solution Pvt. Ltd., Indore	125	2	1	Students got familiarity about the manufacturing/ assembling process of PLC and PLA. They also got familiarity about the I/O modules used in PLC. Students also got some idea about the ladder programming and functional block diagram techniques used for PLC operation.

#### 45. EXTENSION ACTIVITIES

**44(a) NUMBER OF EXTENSION AND OUTREACH PROGRAMMES CONDUCTED IN COLLABORATION WITH INDUSTRY, COMMUNITY AND NON- GOVERNMENT ORGANISATIONS THROUGH NSS/NCC/RED CROSS/YOUTH RED CROSS (YRC) ETC., DURING THE YEAR**

Title of the Activities	Organising Unit/ Agency/ Collaborating Agency	Number of Teachers Co-ordinated in such Activities	Number of Students Participated in such Activities
<b>Electrical Engineering</b>			
Online Quiz	Red Ribbon Club & NSS	02	83
Abhyudaya 2	MITS Journalism Society	01	63
Tourism quiz	Ministry of tourism	01	75
<b>Electronics Engineering</b>			



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Virtual Industrial Visit to IAV Integral Solution Pvt. Ltd., Indore on 22nd December 2020 (02:00PM)	MITS with IAV Integral Solution Pvt. Ltd., Indore	02	125
Interaction and expert talk with Hitsvai Pvt. Ltd. Noida on 29 May 2021 (4:00PM)	MITS with Hitsvai Pvt. Ltd. Noida	02	200
7 days Residential camp from 22 March to 28th March, 2021.	MITS	03	52
<b>Chemical Engineering</b>			
Awareness Programme	NSS	1	15

### 44(b) AWARDS AND RECOGNITION RECEIVED FOR EXTENSION ACTIVITIES FROM GOVERNMENT AND OTHER RECOGNIZED BODIES DURING THE YEAR

Name of the Activity	Award/Recognition	Awarding Bodies	No. of Students Benefited
<b>Chemical Engineering</b>			
Volunteered youth parliament event as a content writer and social media promoter/ Nidhi Sharma	Certificate of outstanding volunteership and responsibilities.	1st national E-Youth Parliament organized by Think India	01
Shi to Riyo Karate/ Suvrat Mishra	6th Kyu (belt) in Karate	GI TOKU KAI Karate-DO India	01

### 44(c) STUDENTS PARTICIPATING IN EXTENSION ACTIVITIES WITH GOVERNMENT ORGANISATIONS, NON-GOVERNMENT ORGANISATIONS AND PROGRAMMES SUCH AS SWACHH BHARAT, AIDS AWARENESS, GENDER ISSUE, ETC. DURING THE YEAR

Name of the Scheme	Organising Unit/ Agency/Collaborating Agency	Name of the Activity	Number of Teachers Co-ordinated in such Activities	Number of Students Participated in such Activities
<b>Electronics Engineering</b>				
NSS	NSS MITS	7 days Residential Camp	03	14



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### 46. STUDENT SUPPORT

#### 45(a) SCHOLARSHIPS AND FINANCIAL SUPPORT

	Name/Title of the scheme	Number of students	Amount in Rupees
	MP SC Development post Matric Scholarship (Elex)	01	
	Central Sector Scholarship (Elex)	03	10,000/Year
	Medhavi Vidhyarthi Yojna (Elex)	06	4 year fee
	<b>Total</b>	<b>10</b>	
<b>Financial support from other sources</b>			
a) National	NSP (Elex)	01	25,000/-
	SBI (Elex)	01	10,000/-
	NDF Fellowship, GATE Stipend (CSE)	2 GATE + 5 NDF	
	<b>Total</b>		
b) International			

#### 45(b) NUMBER OF CAPABILITY ENHANCEMENT AND DEVELOPMENT SCHEMES SUCH AS SOFT SKILL DEVELOPMENT, REMEDIAL COACHING, LANGUAGE LAB, BRIDGE COURSES, YOGA, MEDITATION, PERSONAL COUNSELLING AND MENTORING ETC.,

Name of the Capability Enhancement Scheme	Date of Implementation	Number of Students Enrolled	Agencies Involved
<b>Mechanical Engineering</b>			
Remedial Classes (2nd/3rd/4th) Mechanical Engineering	15/07/2020	128/147/129	In House
Remedial Classes (2nd/3rd/4th) Automobile Engineering	15/07/2020	60/58/56	In House
Personal Counselling And Mentoring (BTech/ME/1st yr)	12/12/2020	76	In House
Personal Counselling And Mentoring (BTech/ME/2nd yr)	12/12/2020	91	In House
Personal Counselling And Mentoring (BTech/ME/3rd yr)	12/12/2020	70	In House
Personal Counselling And Mentoring (BTech/ME/4th yr)	12/12/2020	74	In House
Personal Counselling And Mentoring (BTech/AU/1st yr)	13/12/2020	20	In House
Personal Counselling And Mentoring (BTech/AU/2nd yr)	13/12/2020	33	In House



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Personal Counselling And Mentoring (BTech/AU/3rd yr)	12/12/2020	28	In House
Personal Counselling And Mentoring (BTech/AU/4th yr)	13/12/2020	30	In House
Personal Counselling And Mentoring (MTech/Production Engg/1st yr)	13/12/2020	3	In House
Personal Counselling And Mentoring (MTech/Production Engg/2nd yr)	12/12/2020	8	In House
Personal Counselling And Mentoring (1st Year) Mechanical Engineering	07-12-2020	138	In House
Personal Counselling And Mentoring (2nd/3rd/4th Year) Mechanical Engineering	15/01/2021	128/147/129	In House
Personal Counselling And Mentoring (1st Year) Automobile Engineering	07-12-2020	35	In House
Personal Counselling And Mentoring (2nd/3rd/4th Year) Automobile Engineering	15/01/2021	60/58/56	In House
Personal Counselling And Mentoring (BTech/ME/1st yr)	02-01-2021, 20-03-2021, 03-04-2021, 22-07-2021	71, 58, 114, 97	In House
Personal Counselling And Mentoring (BTech/ME/2nd yr)	13-05-2021	44	In House
Personal Counselling And Mentoring (BTech/ME/3rd yr)	08/01/2021, 13/03/2021, 06/06/2021 23-07-2021	59, 52, 48, 42	In House
Personal Counselling And Mentoring (BTech/ME/4th yr)	05-03-2021; 08-03-2021; 09-03-2021; 30-04-2021; 10-06-2021	25; 76; 83; 112; 118	In House
Personal Counselling And Mentoring (BTech/AU/1st yr)	01-01-2021 27-07-2021	16, 14	In House
Personal Counselling And Mentoring (BTech/AU/2nd yr)	25-02-2021 26-04-2021 18-05-2021	21, 32, 06	In House
Personal Counselling And Mentoring (BTech/AU/3rd yr)	18-05-2021	24	In House
Personal Counselling And Mentoring (BTech/AU/4th yr)	08-01-2021 23-01-2021 05-03-2021 12-03-2021	26, 31, 30, 29,	In House



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Personal Counselling And Mentoring (MTech/Production Engg/1st yr)	13-01-2021	07	In House
<b>Electronics Engineering</b>			
Soft skills program	10 May 2021-29 May 2021	1500	MITS, Gwalior
Remedial Classes	July 2020-June 2021	1st-4th year students	MITS, Gwalior
Meditation	10 May 2021-10 July 2021	55	NSS MITS, Gwalior
<b>CSE</b>			
Remedial Class	From July Onwards	All Regular Students	
MCA remedial class	From July Onwards	All Regular Students	
<b>Architecture</b>			
NATA 2021 Crash Course, Chance to Make difference	26.6.2021 - 9.7.2021	07	Prof. Shweta Singh & Prof. Harshita Mishra, Assistant Professor Department of Architecture & Planning
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.	1.5.2021 to 25.5.2021	40	Prof. Dhruv Aditya Jain & Prof. Anmol Gupta



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### 45(c) STUDENTS BENEFITED BY GUIDANCE FOR COMPETITIVE EXAMINATIONS AND CAREER COUNSELLING OFFERED BY THE INSTITUTION DURING THE YEAR

Year	Name of the Scheme	Number of Benefited Students by Guidance for Competitive examination	Number of Benefited Students by Career Counseling Activities	Number of Students who have Passed in the Competitive Exam	Number of Students Placed
<b>Mechanical Engineering</b>					
2020	Perna (SC/ST students preparing for GATE)	15	15	04	01 (Joined MTech, MANIT Bhopal)
<b>Electrical Engineering</b>					
2020-21	Online GATE (TEQIP-III)	150	150	13	----
<b>Electronics Engineering</b>					
2021	GATE Exam	41	-	11	
<b>CSE</b>					
2020	NASSCOM Future Skills Training	75	75		

### 47. LIST OF FIELD PROJECTS /INTERNSHIP/TRAINING UNDERTAKEN BY STUDENTS

S. No.	Name of Student	Training/Internship	Name of Industries/Organization where Students undertaken Training/Internship	Date	Duration
<b>Mechanical Engineering</b>					
1.	Sanya Jain	Training	IIT Hyderabad	01/06/20-01/07/20	30 days
2.	Abhishek Srivastava	Training	IIT Hyderabad	01/06/20-01/07/20	30 days
3.	Abhishek Gour	Training	MSME Jaipur	15/06/20-14/07/20	30 days
4.	Rishi Kumar Thakur	Training	Google digital garage	26/06/20-11/07/20	25 days
5.	Harsh Arjaria	Training	Indian Army	01/06/20-01/08/20	60 days
6.	Perin Siddiqui	Training	Coursera	01/06/20-06/07/20	35 days
<b>Electrical Engineering</b>					



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1.	Akshat Thakur (+25) Et.Al.	Internship (Soft Computing Techniques In Engineering)	MITS Gwalior	18.05.2020-20.06.2020	1 Month
2.	Abhishek Singh (+9) Et.Al.	Internship (Administrative Functions Automation And Data Loading)	MITS Gwalior	18.05.2020-20.06.2020	1 Month
3.	Vikas Kumar Shukla (+15) Et.Al.	Data Science And Structures Using Python	MITS Gwalior	18.05.2020-20.06.2020	1 Month
4.	Aman Saxena (+4) Et.Al.	Robotics And Automation	MITS Gwalior	18.05.2020-20.06.2020	1 Month
5.	Murli Manohar Gupta+4	Biomedical Signal And Image Processing Using Matlab Octave	MITS GWALIOR	18.05.2020-20.06.2020	1 Month
6.	Aashi Gupta+59	Cyber Security	MITS Gwalior	18.05.2020-20.06.2020	1 Month
7.	Aashita Saxena+3	Training	NITRA (Linked to MoT, Govt. of India)		
8.	Abhishek Pratap Singh +3	Training	NITRA (Linked to MoT, Govt. of India)		
<b>Electronics Engineering/ET</b>					
1	Mayank Satankar	Internship	PN Infosys MIG-332 Darpan Colony, Thatipur, Gwalior	15/02/2021	4 Months
2	Paras Jain	Internship	Numeric Infosystem Pvt. Ltd.,13, Gualbchand ki bagichi, behind Jhawar Estate,Thatipur	15/02/2021	4 Months
3	Praful Jain	Internship	Numeric Infosystem Pvt. Ltd.,13, Gualbchand ki bagichi, behind Jhawar Estate,Thatipur	15/02/2021	4 Months
4	Praveen Rana	Internship	Numeric Infosystem Pvt. Ltd.,13, Gualbchand ki bagichi, behind Jhawar Estate,Thatipur	15/02/2021	4 Months



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5	Aryan Sharma	Internship	PN Infosys MIG-332 Darpan Colony, Thatipur, Gwalior, Madhya Pradesh 454011	15/02/2021	4 Months
6	Ayushi jain	Internship	X2 infotech pvt. Lt. , Sainik colony, pinto park, gwalior 474005	15/02/2021	4 Months
7	Ayushi Sikdar	Internship	Smart Controls India limited, Gwalior	15/02/2021	4 Months
8	Boby Sharma	Internship	ACSEN HyVeg (P) Ltd. -- Address EG-17, Scheme No 54 Vijay Nagar , Indore (MP), Pin " 452010	15/02/2021	4 Months
9	Adityan patel	Internship	Coral business systems,73, Service Rd, Near Raymond Showroom, Zone-II, Maharana Pratap Nagar, Bhopal, Madhya Pradesh 462011	15/02/2021	4 Months
10	Aishwarya Divyam	Internship	PN Infosys MIG-332 Darpan Colony, Thatipur, Gwalior, Madhya Pradesh 454011	15/02/2021	4 Months
11	Anusha Jain	Internship	X2 infotech pvt. Lt. , Sainik colony, pinto park, gwalior 474005	15/02/2021	4 Months
12	Anushi Tiwari	Internship	Vitraya Technologies Private Limited, Address-2nd Floor,Stpi Incubation Centre Plot No. C 184, Sector 75, Industrial Area Phase 8 A, Sas Nagar Mohali Mohali Pb 160071 In.	15/02/2021	4 Months
13	Jeetesh Sharma	Internship	PN Infosys MIG-332 Darpan Colony, Thatipur, Gwalior, Madhya Pradesh 454011	15/02/2021	4 Months
14	Kapil Sharma	Internship	PN Infosys MIG-332 Darpan Colony, Thatipur, Gwalior, Madhya Pradesh 454011	15/02/2021	4 Months
15	Keerti Singh	Internship	X2 infotech pvt. Lt. , Sainik colony, pinto park, gwalior 474005	15/02/2021	4 Months
16	Manik Sohane	Internship	Genexcellence , 724/B, Anand Vihar, Scheme 103, Indore	15/02/2021	4 Months
17	Deepanshi Katra	Internship	PN Infosys MIG-332 Darpan Colony,	15/02/2021	4 Months



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			Thatipur, Gwalior, Madhya Pradesh 454011		
18	Divya Prakash Mishra	Internship	Techzuke Software services Pvt. Ltd., 401 C2 Orchid, Anand Nagar, Thane- West, Mumbai,400615	15/02/2021	4 Months
19	Gourav Garg	Internship	PN Infosys MIG-332 Darpan Colony, Thatipur, Gwalior, Madhya Pradesh 454011	15/02/2021	4 Months
20	Hemant Agrawal	Internship	PN Infosys MIG-332 Darpan Colony, Thatipur, Gwalior, Madhya Pradesh 454011	15/02/2021	4 Months
21	Shivam Khandelwal	Internship	PN Infosys MIG-332 Darpan Colony, Thatipur, Gwalior, Madhya Pradesh 454011	15/02/2021	4 Months
22	Shivam Sharma	Internship	PN Infosys MIG-332 Darpan Colony, Thatipur, Gwalior, Madhya Pradesh 454011	15/02/2021	4 Months
23	Shreya Gupta	Internship	Numeric Infosystem pvt. Ltd , 13, gulabchand ki bagichi , behind jhawar state , Gwalior	15/02/2021	4 Months
24	Simran Sharma	Internship	Numeric Infosystem pvt. Ltd , 13, gulabchand ki bagichi , behind jhawar state , Gwalior	15/02/2021	4 Months
25	Priyasu Kumar	Internship	Indian Railway , Jabalpur	15/02/2021	4 Months
26	Rajeev Kumar Mishra	Internship	PN Infosys MIG-332 Darpan Colony, Thatipur, Gwalior, Madhya Pradesh 454011	15/02/2021	4 Months
27	Saksham Gupta	Internship	ARG BPO Services	15/02/2021	4 Months
28	Sherry Goyal	Internship	PN Infosys MIG-332 Darpan Colony, Thatipur, Gwalior, Madhya Pradesh 454011	15/02/2021	4 Months
29	Tanisha Agrawal	Internship	X2 infotech pvt. Lt. , Sainik colony, pinto park, gwalior 474005	15/02/2021	4 Months
30	Vedant Sharma	Internship	PN Infosys MIG-332 Darpan Colony, Thatipur, Gwalior, Madhya Pradesh 454011	15/02/2021	4 Months
31	Yuvraj Rajpoot	Internship	X2 infotech pvt. Lt. , Sainik colony, pinto park, gwalior 474005	15/02/2021	4 Months
32	Pralanj Kamlesh	Internship	Tech Bharat, C-65, 2nd Floor, Vibhuti Khand,	15/02/2021	4 Months



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			Gomti Nagar Lucknow Uttar Pradesh 226010		
33	Nisha Sengar	Internship	Thermal Power Plant Parichha (U. P.)	15/02/2021	4 Months
1	Aryan Garg	Internship	Dhanwantari Shiksha Samiti, Baihar, Dist. Balghat	15/02/2021	4 Months
2	Harsh Thakur	Internship	Dhanwantri Shiksha Samiti, baihar mp	15/02/2021	4 Months
3	Om Damahe	Internship	Dhanwantari Shiksha Samiti, Lamta Road Baihar, Dist. Balghat	15/02/2021	4 Months
4	Trapta Kaur	Internship	Dhanwantari Shiksha Samiti, add- Lamta Road, Baihar, 481111,(M.P.)	15/02/2021	4 Months
5	Abhishek Verma	Internship	Tech bharat, Vibhuti Khand, Gomti Nagar, Lucknow, Uttar Pradesh 226010	15/02/2021	4 Months
6	Akash Rathore	Internship	Tech Bharat, C-65 2nd floor Vibhuti khand, Gomti Nagar, Lucknow	15/02/2021	4 Months
8	Ekansh Wagadare	Internship	Anveshan Farm Technologies Pvt Ltd. 1514, Huda Colony, Gurugram, Haryana	15/02/2021	4 Months
9	Kartik Sharma	Internship	Pioneer Ventilations- Polution Control & Air Systems PVT LTD. - Plot no. 76-A & 99, New Industrial Area-II, Mandideep, Tehsil Goharganj, Distt. Raisen- 46 046, Bhopal	15/02/2021	4 Months
10	Konark	Internship	Raman automation and solar systems, gwalior	15/02/2021	4 Months
11	Muskan Sharma	Internship	Numeric Infosystem Pvt.Ltd	15/02/2021	4 Months
12	Navyansh Singh Bhadoria	Internship	Tech Bharat, Vibhuti Khand,Gomti Nagar, Lucknow, Uttar Pradesh	15/02/2021	4 Months
13	Neeraj Yadav	Internship	Raman Automatic, Indramani Nagar Behind MITS College Near Sun City	15/02/2021	4 Months
14	Prabal Chavan	Internship	Tech Bharat, Gomti nagar, Lucknow, Uttarpradesh	15/02/2021	4 Months
15	Ranchi Chourasiya	Internship	Numeric Infosystem Pvt. Ltd.,13, Gualbchand ki bagichi, behind Jhawar Estate,Thatipur	15/02/2021	4 Months



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16	Riya Shrivastava	Internship	Kanishka IT pvt. Ltd garima arcade, shinde ki chawani gwalior	15/02/2021	4 Months
17	Saif Ur Rahman Khan	Internship	Nxt Generation Supply Chains Pvt. Ltd.,Corporate Office,Katantoli, Ranchi	15/02/2021	4 Months
18	Siddharth Singh Tomar	Internship	Numeric Infosystem Pvt.Ltd	15/02/2021	4 Months
<b>CSE</b>					
1	Aarti Awasya	Internship	Techbeansolutions	Jan 2021	6 Months
2	Aashutosh Tiwari	Internship	Numeric Infosystem Private limited	Jan 2021	6 Months
3	Abhishek Tiwari	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
4	Achal Shakywar	Internship	Quest Global Technologies Ltd.	Jan 2021	6 Months
5	Akarsh Modi	Internship	Dresser-Rand India Private Limited	Jan 2021	6 Months
6	Akash Dangi	Internship	Praedico Global Research Pvt Ltd	Jan 2021	6 Months
7	Akash Singh	Internship	Professional Its	Jan 2021	6 Months
8	Akshya Bandil	Internship	Professional Its	Jan 2021	6 Months
9	Aman Singh	Internship	Innerwork Solutions Pvt Ltd.	Jan 2021	6 Months
10	Aman Singh	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
11	Amar Ahirwar	Internship	Professional Its	Jan 2021	6 Months
12	Amitesh Mourya	Internship	Professional Its	Jan 2021	6 Months
13	Antra Sinha	Internship	X2 Infotech.	Jan 2021	6 Months
14	Arun Pratap Singh	Internship	Professional Its	Jan 2021	6 Months
15	Atharva Sharma	Internship	Aurelox LLC	Jan 2021	6 Months
16	Ayush Kumar Sarlam	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
17	Babli Jainwal	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
18	Chhatrapal Ahirwar	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
19	Giriraj Soni	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
20	Gyanendra Singh Parihar	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months



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21	Harikishor solanki	Internship	Professional IT sols Pvt.Ltd Gwalior	Jan 2021	6 Months
22	Harsh Choudhary	Internship	Praedico Global Research Pvt. Ltd.	Jan 2021	6 Months
23	Harsh Saxena	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
24	Jitendra Kirar	Internship	Professional Its	Jan 2021	6 Months
25	Kamna Verma	Internship	Professional Its	Jan 2021	6 Months
26	Megha Emaley	Internship	Kanishka information technology Pvt ltd	Jan 2021	6 Months
27	Monarch Koli	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
28	Saket Rai	Internship	X2 Infotech	Jan 2021	6 Months
29	Muskan Gupta	Internship	X2 Infotech Gwalior	Jan 2021	6 Months
30	Nisha Kiran Rai Yadav	Internship	X2 Infotech.	Jan 2021	6 Months
31	Yashaswi Saxena	Internship	DRDE, Gwalior	Jan 2021	6 Months
32	Nitesh Kushwaha	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
33	Pawan Kumar Ahirwar	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
34	Vikas Rajpoot	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
35	Prashant Chaturvedi	Internship	Praedico Global Research Pvt. Ltd.	Jan 2021	6 Months
36	Priyanka Rathore	Internship	Black Console Technologies Pvt Ltd.	Jan 2021	6 Months
37	Bhoomika Jain	Internship		Jan 2021	6 Months
38	Pushpendra Pippal	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
39	Rahul Rathor	Internship	Info Origin Technologies Pvt. Ltd.	Jan 2021	6 Months
40	Ruchi Singh	Internship	Accenture Modules	Jan 2021	6 Months
41	Amit kumar kakoriya	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
42	Raj kumar	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
43	Reshu Singh	Internship	Catalyst Technologies	Jan 2021	6 Months
44	Aadarsh Panwar	Internship	Kloudspot	Jan 2021	6 Months
45	Rohit Agrawal	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
46	Rohit Kushwah	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months



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47	Neetesh Koli	Internship	Numeric Infosystem pvt.ltd.	Jan 2021	6 Months
48	Rohit Rathore	Internship	Apptech interactive services private limited	Jan 2021	6 Months
49	Seema Parashar	Internship	Catalyst Technologies	Jan 2021	6 Months
50	Ayushi Jain	Internship	smart controls India ltd	Jan 2021	6 Months
51	Shantanu Dubey	Internship	Centre For Environment Education	Jan 2021	6 Months
52	Shreyansh Sahu	Internship	X2 Infotech	Jan 2021	6 Months
53	Sonu Rajput	Internship	Numeric Infosystem Pvt.Ltd.	Jan 2021	6 Months
54	Shubham shakya	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
55	Siddhant Ahirwar	Internship	Kanishka Information Technology Pvt Ltd	Jan 2021	6 Months
56	Sneha Bansal	Internship	Seven Industies	Jan 2021	6 Months
57	Sneha Gautam	Internship	Professional Its	Jan 2021	6 Months
58	Somya Prajapati	Internship	Professional Its	Jan 2021	6 Months
59	Swechha Gupta	Internship	AppnoventIT Solutions	Jan 2021	6 Months
60	Umang Jain	Internship	Professional Its	Jan 2021	6 Months
61	Trishal Arora	Internship	SoftPrime Technologies Ltd.	Jan 2021	6 Months
62	Akshat Gupta	Internship		Jan 2021	6 Months
63	Dishant Sharma	Internship	Numeric Infosystem Pvt. Ltd	Jan 2021	6 Months
64	Ayush Soni	Internship	X2 Infotech	Jan 2021	6 Months
<b>Chemical Engineering</b>					
1	Ashutosh Tiwari	Major Project	MITs, Gwalior	1/2/2021	04 Months
2	Ananya sahu	Major Project	MITs, Gwalior	1/2/2021	04 Months
3	Umesh Kumar	Major Project	MITs, Gwalior	1/2/2021	04 Months
4	Kunika Gupta	Major Project	MITs, Gwalior	1/2/2021	4 Months
5	Naini Rai	Major Project	MITs, Gwalior	1/2/2021	4 Months
6	Ajay Yaduwanshi	Major Project	MITs, Gwalior	1/2/2021	4 Months
7	Devesh Tripathy	Major Project	MITs, Gwalior	1/2/2021	4 Months



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8	Rohit limanpure	Major Project	MIT, Gwalior	1/2/2021	4 Months
9	anweshverma	Major Project	MIT, Gwalior	1/2/2021	4 Months
10	Aditi Goswami	Major Project	MIT, Gwalior	1/2/2021	4 Months
11	Preetvardhan Sharma	Major Project	MIT, Gwalior	1/2/2021	4 Months
12	Ritik gaur	Major Project	MIT, Gwalior	1/2/2021	4 Months
13	Shreyansh Bhargava	Major Project	MIT, Gwalior	1/2/2021	4 Months
14	Sandeep Pal	Major Project	MIT, Gwalior	1/2/2021	4 Months
15	Prakhar Dubey	Major Project	MIT, Gwalior	1/2/2021	4 Months
16	Payal Gupta	Major Project	MIT, Gwalior	1/2/2021	4 Months
17	Divya Mishra	Major Project	MIT, Gwalior	1/2/2021	4 Months
18	Janhvi Sharma	Major Project	MIT, Gwalior	1/2/2021	4 Months
19	Adarsh Gupta	Major Project	MIT, Gwalior	1/2/2021	4 Months
20	Anjali Shukla	Major Project	MIT, Gwalior	1/2/2021	4 Months
21	Neha	Major Project	MIT, Gwalior	1/2/2021	4 Months
22	Parul Saxena	Major Project	MIT, Gwalior	1/2/2021	4 Months
23	Rajesh Bamboriya	Major Project	MIT, Gwalior	1/2/2021	4 Months
24	Ashutosh Bhargava	Major Project	MIT, Gwalior	1/2/2021	4 Months
25	Arun Kumar dhakad	Major Project	MIT, Gwalior	1/2/2021	4 Months
26	Shilpita Sinha	Major Project	MIT, Gwalior	1/2/2021	4 Months
27	Yash Sharma	Major Project	MIT, Gwalior	1/2/2021	4 Months
28	Shivamsharma	Major Project	MIT, Gwalior	1/2/2021	4 Months
29	Suryanshpatel	Major Project	MIT, Gwalior	1/2/2021	4 Months
30	Yash Pratap Singh	Major Project	MIT, Gwalior	1/2/2021	4 Months
31	Tarun Rai	Major Project	MIT, Gwalior	1/2/2021	4 Months
32	Parth Nigam	Industry Internship	iNeuron Corporation ltd., Karnataka		3 Months
33	Pratyush sharma	Industry Internship	MYRIADLY Pvt. Ltd., Malanpur, Gwalior		3 Months



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			(M.P.)		
34	Ankit Singh Gurjar	Industry Internship	Maral Overseas Ltd, khalghat (M.P.)		3 Months
35	Prince Prajapati	Industry Internship	Shree Gour Herbal AndAgrotech Pvt Limited with Army Bajariya, Gwalior (M.P.)		3 Months
36	Kartik Solanki	Industry Internship	Lanxess Pvt LTD (Nagda)		3 Months
37	Ranjan Prasad Yadav	Industry Internship	LanxessNagda Pvt Ltd (Nagda)		3 Months
38	Jai shrivastav	Industry Internship	Mondelez indiapt. Ltd, Malanpur, Gwalior (M.P.)		3 Months
39	Anuj dubey	Industry Internship	J.ktyres& industries Ltd banmore Morena, Gwalior (M.P.)		3 Months
40	Akash pal	Industry Internship	NFL		3 Months
41	Pradhumn Singh Jadon	Industry Internship	SahkariDugdh Sangh maryadit, Gwalior (M.P.)		3 Months
42	Jatin Kishore Patel	Industry Internship	Techy Circle, Greater Noida UP		3 Months
43	Vibhuti Nageshwar	Industry Internship	Fine Associate, Bhopal		3 Months
44	Nishtha Gupta	Industry Internship	Mondelez India Foods Pvt. Ltd. Malanpur, Gwalior (M.P.)		3 Months
45	Kanishka Chaturvedi	Industry Internship	Bentchair Pvt. Ltd., Gurgaon		3 Months
46	Dinesh Ahirwar	Industry Internship	Shreyanshi Industry, Malanpur, Gwalior (M.P.)		3 Months
47	YatanMugdhal	Industry Internship	NFL		3 Months
48	Harshit Bhatnagar	Industry Internship	Numeric infosystem Pvt. Ltd., Gwalior (M.P.)		3 Months
49	Shruti Bajpai	Industry Internship	Godrej Consumer products limited, Malanpur, Gwalior (M.P.)		3 Months
50	Payal Gupta	Industry Internship	Shreyanshi Industry, Malanpur, Gwalior (M.P.)		3 Months
51	Adarsh Gupta	Industry Internship	NFL		3 Months
52	Yash Sharma	Industry Internship	NFL		3 Months



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<b>IT</b>					
1	Abhinaylakhera	Internship	Tulevik Solutions Lp	26/02/2021	4 months
2	Ankit Mishra	Internship	Tulevik Solutions Lp	10/03/2021	4 months
3	KunalShivhare	Internship	Aimed Labs	22/02/2021	4 months
4	Monika Mangroliya	Internship	Eight Infotech, Indore	01/03/2021	4 months
5	Rahil Kumar Nagariya	Internship	Tulevik Solutions Lp	15/02/2021	4 months
6	Rishabh raj Titvilasi	Internship	Kloudspot, Bangalore	01/02/2021	5 months
7	SafalKhampariya	Internship	RapidQuest Solutions Pvt. Ltd.	15/02/2021	4 months
8	sanjeevdhakad	Internship	<a href="http://Vitra.ai">Vitra.ai</a>	14/02/2021	4 months
9	UtkarshChouksay	Internship	FirstCase	15/02/2021	4 months
10	AshuOjha	Internship	Tulevik Solutions Lp	15/02/2021	4 months
11	Piyush Gupta	Internship	Tulevik Solutions Lp	15/02/2021	4 months
12	Sanket Mittal	Internship	Tulevik Solutions Lp	15/02/2021	4 months
13	PrakratiVerma	Internship	Asian Bussiness Services and Technologies, Bhubaneswar	06/03/2021	4 months
<b>Humanities</b>					
1.		SIP in Soft Skills	Madhav Institute of Technology & Science	10 May 2021 to 29 May 2021	15 Days
<b>Architecture</b>					
1	Abhishek Soni	Training	Morphogeny , Indore	07.2020 to 31.12.2020	28 weeks
2	Mansi Chaurasia	Training	Caozohome , Gwalir	27.07.2020 to 21.09.2020	16 weeks
3	Abhishek Patidar	Training	Complete cavil solution & Infra Structure, Indore	20.08.2020to 10.12.2020	18 Weeks
4	Aditya Mahajan	Training	Bharat Agrawal Architect Indore	04.08.2020 to 31.10.2020	12 weeks
5	Aman Jain	Training	Shortepandit Studio, Bangalore	10.08.2020 to 31.12.2020	3 Months
6	Ankita Agrawal	Training			
7	Anshuman Namdeo	Training	Geo Test House (Geo Design& Research	03.08.2020 to 30.11.2020	14 week



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			(Pvt.) Ltd., Varodra, Guj		
9	Anushka Gupta	Training	Abhikalp Canultent Pvt. Ltd.	27.07.2020 to 21.12.2020	16 weeks
10	Anushka Singh Kushwah	Training	Atlire13 New Delhi	18. 08.2020 31 Dec. 2020	05 Months
11	Arnav Shukla	Training	Space Ace Architects, Haryana	25.07.2020 to 30.11.2020	16 weeks
12	Ayush Gour	Training	Landschaft Atelier, Noida	18.08.2020 to	14 weeks
13	Chetan Gupta	Training	Arche – The Design trib Pvt. Ltd. Panipat	020 to 31.10.2020	5 Months
14	Divesh Pawaiya	Training	Shilendra Sharma Associates, Bhopal	02.09.2020 to 31.12.2020	16 weeks
15	Faisal Mahmood Mansoori	Training	Aayyam Design Studio, Jabalpur	07.07.2020 to 07.01.2021	25 weeks
16	Kanchan Choudhary	Training			
17	Khushboo Ramchandani	Training			
18	Lakshya Sharma	Training			
19	Lisha Patel	Training			
20	Mohit Sahu	Training	Modi Shrivastava & Associates, Varodara	01.07.2020 to 31.10.2020	14 weeks
21	Omeshwari Dharpure	Training	Studio Virtu, Chindwara, M.P.	10.08.2020 to 10.11.2020	16 weeks
22	Pradhi Pathak	Training			
23	Prashansa Parashar	Training	Hblani Architect Pvt. Ltd.	10.07.2020 to 01.12.2020	
24	Prashant Thakur	Training	Aayyam Design Studio, Jabalpur	07.07.2020 to 07.01.2021	22 weeks
25	Rishika Bindal	Training	W design Studio, Hudrabad	01.8.2020 to 30.11.2020	14 weeks
26	Sajal Patidar	Training	Hablani Architects Pvt. Ltd. Indore	10.07.2020 to 7.12.2020	05 Months
27	Saksham Tamrakar	Training	Dynamic Architects Gadarwada,	01.07.2020 to 30.11.2020	12 weeks
28	Sarthak Naikya	Training	Proyag Design Collective, Pune	July to Dec. 2020	06 months
29	Sharad Singhal	Training	Gupta Associates Architects, Indore	08.07.2020 to 7.01.2021	6 months
30	Sheetal Gupta	Training	Srajan Consultant, Gwalior	05.08.2020 to 26.12.2020	16 weeks



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31	Shivam Kumar Manjhi	Training			
32	Shivani Dolas	Training	Hablani Architects Pvt. Ltd. Indore	10.07.2020 to 7.12.2020	05 Months
33	Shreya	Training	Space Architects Gwalior	01.08.2020 to 30.11.2020	4 Months
34	Shreya Ingle	Training	Awneesh Nema & Associates, Jabalpur	22.07.2020 to 22.11.2020	04 Months
35	Sonali Patha	Training			
36	Surbhi Dubey	Training			
37	Swaraj Kalyane	Training			
38	Suwarna preya Nepal	Training	Studio Interweave, Sikkim Gangtok	01.08.2020 to 30.11.2020	16 weeks
39	Trisha Patidar	Training			
40	Urooj Iqbal	Training			
41	Vinayak Chanchal	Training	Geo Test House (Geo Design & Research (Pvt.) Ltd., Varodra, Guj	03.08.2020 to 30.11.2020	14 week
1	Aishek Patidar	Training	Ace Associates, Anand (GJ)	1/5/2021	
2	Aditya mahajan	Training	KPA deesign studio	4/1/2021	
3	Ankita Agrawal	Training	STAPATI Bangalore	2/15/2021	
4	Anshuman Namdeo	Training	One is to one design Studio	17/01/2021	
5	Anushka Gupta	Training	Abhikalp consultant Gwalior	1-Jan-21	14 week
6	Arnav Shukla	Training	Space Ace Architects	20-Jan-21	14 week
7	Ayush Gour	Training	Virid Designworks	27-Jan-21	14 week
8	Chetan Gupta	Training	Virid Design works	27.01.2021	14 week
9	Faisal Mahmood Mansoori	Training	Design Unit	2/1/2021	14 week
10	Kanchan choudhary	Training	Amlab studio	1/2/2021	14 week
11	Mohit Sahu	Training	Modi Srivastava and Associates	1-Jul-20	14 week
12	Omeshwari Dharpure	Training	Ecube Planners and Designers , Ahmedabad	1/16/2021	14 week
13	Pradhi Pathak	Training	Sangath, Vastu Shilpa Consultants	1/11/2021	14 week



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14	Prashansa Parashar	Training	Vision Infra Pvt.Ltd	15.02.2021	14 week
15	Prashant Thakur	Training	9 Squares Architects Private Limited	1/2/2021	14 week
16	Rishika Bindal	Training	Oracles- Landscape	22-01-2021	14 week
17	Sajal Patidar	Training	Rituraj Bharti and Associates	15-Feb-21	14 week
18	Saksham	Training	Rawform Architects	1/11/2021	14 week
19	Sarthak Naikya	Training	Varun Thautam and Associates LLP	1/2/2021	14 week
20	Sharad Singhal	Training	9 square Architects.	15-Jan-21	14 week
21	Sheetal Gupta	Training	Srajan Consultant	1/1/2021	14 week
22	Shivam Manjhi	Training	Builten Architect, New Delhi	2/4/2021	14 week
23	Shivani Dolas	Training	Vision Infra Pvt. Ltd.	15.02.2021	14 week
24	Shreya	Training	Vinyaasa Architecture and Design	1/2/2021	14 week
25	Shreya Ingle	Training	Credo Architects	8th February 2021	14 week
26	Sonali Patha	Training	Di'zain lab	5.02.2021	14 week
27	Swaraj Kalyane	Training	Teal design studio , indore	17-Feb-21	14 week
28	Suwarna Preya Nepal	Training	Studio Interweave	02.01.2021	14 week
29	Trisha Patidar	Training	Design and Planning Counsel, Ahmedabad	4 Jan, 2021	14 week
30	Urooj Iqbal	Training	Central Public Works Department, GOI, Bhopal	1/1/2021	14 week
31	Vinayak Chanchal	Training	Kapoor and Associates	9-Jan-21	14 week

**SUMMARY OF FIELD PROJECTS/INTERNSHIPS/TRAINING UNDERTAKEN DURING THE YEAR**

<b>Project/Programme Title</b>	<b>No. of Students Enrolled for Field Projects</b>	<b>No. of Students Enrolled for Internships</b>	<b>No. of Students Enrolled for Training</b>
Civil Engineering			
Mechanical Engineering/AU		06	
Electrical Engineering/Elect.(IOT)		116	06



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Electronics Engineering/ET		33/18	
CSE		64	
Chemical Engineering	31	21	
IT/IT(IOT)/IT(AIR)		13	
MAC			
Architecture			31

Project/Programme Title	No. of Students Enrolled for Field Projects	No. of Students Enrolled for Internships (SIP)	No. of Students Enrolled for Training
<b>Humanities</b>			
Civil Engineering		153	
Mechanical Engineering/AU		155+65=220	
Electrical Engineering		154	
Electronics Engineering/ET		145	
CSE/IT		156+74=230	
Chemical Engineering		64	
Architecture		43	

### 48. STUDENT PROGRESSION

#### 48(a) STUDENT PROGRESSION TO HIGHER EDUCATION IN PERCENTAGE DURING THE YEAR

Year	Number of Students Enrolling into Higher Education	Programme Graduated From	Department Graduated From	Name of Institution Joined	Name of Programme Admitted To
2020	Anoop Pathak	BTech	Mechanical Engineering	IIT Delhi	MTech- Applied Mechanics
2020	Shubham Agrawal	BTech	Mechanical Engineering	IIT Kanpur	MTech- Thermal
2020	Soumya Sharma	BTech	Mechanical Engineering	University of Aberdeen, UK	MS- Renewable Energy Engineering
2020-21	06	B.Tech	Electrical Engineering	02- MITS Gwalior	M.Tech



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				04 - NIT,s	
2020-21	02	B.Tech	Electrical Engineering	-----	M.B.A.
2020	02	B.E.	Electronics Engg.	IIT Bombay, University Washinton	M.Tech, MS
2020	01	B.E.	Electronics & Telecommunication	IIT Guwahati	M.Tech
2020	Radhesh shrivastava	B.Tech	CSE	Indore institute of management and research	MBA
2020	Sristi Sharma	B.Tech	CSE	IIT Delhi	M.Tech
2020	Avni Saxena	B.Tech	CSE	University of Maryland, Baltimore County	MS in Cs
2020	Mansi Agarwal	B.Tech	CSE	Faculty of Management Studies, Delhi	MBA
2020	Aditya Barua	B.Tech	CSE	IIT Bombay	Mtech
2020	Amit Tiwari	B.Tech	CSE	IIT Madras	MS
2020	Vimlesh Verma	B.Tech	CSE	Nit Durgapur	M tech
2020	Himanshi Vardhani	B.Tech	CSE	MDI Gurgaon	MBA
2021	02	B.Tech	Chemical Engg	IIT BHU Uttar Pradesh IIT Kharagpur	M.Tech
2020-21	02	B.Arch.	Department of Architecture & Planning	IIT & SPA, Delhi	M. Arch
2020-21	02	B.Arch.	Department of Architecture & Planning	Madhav Institute of Technology & Science, Gwalior	Master of Urban Planning
2021-22	Garima Joshi Gauri Shrivastava Aditya Mahajan Urooj Iqbal Sfeeti Padele	B.Arch.	Department of Architecture & Planning	IIT Roorkee IIT Kanpur SPA Vijayawada SPA Bhopal SPA Bhopal	M.Des M.Arch M.Arch M.Arch M.Arch



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**49. STUDENT PARTICIPATION IN TECHNICAL EVENTS OUTSIDE INSTITUTE**

S. No.	Name of Activity/Student	Date	Duration	Activity Detail in Brief	Level of Activity	No. of students	Achievements. If any
<b>Civil Engineering</b>							
1	Rishabh Gupta B. Tech 2nd Year	20/07/2020	1 Day	Passed certification exam on "Fundamentals of digital marketing" under Google digital Garage	Internation	01	Passed
2	Sarthak B. Tech 4th Year			Won a cash prize of 500\$ for the International essay writing competition by Berkley UK	Internation		
<b>Mechanical Engineering</b>							
1	API 101 using Postman by Postman- Divyanshi Rawat	15/4/2021	3 DAY	Workshop of API by Postman	National		Certificate of Participation
2	Patent Right -Anil Kumar Choudhary	21/03/2021	1 DAY	Webinar on reserch field and patent issuing during college	National	Team of 4	organising the event
3	Online Quiz on Engineering Workshop- Ritik Bansal	13/03/2021	1 DAY	Online Quiz on Engineering Workshop	National		Certificate of participation
4	Educademic-Ashutosh Kushwanshi	1/8/2020	1 DAY	content developer	National		Certificate of participation
5	NPTEL EXAM, Anil Kumar Choudhary		8 week,	NPTEL EXAM	National		Certificate of participation
6	NPTEL EXAM, Som Upadhayay	21/03/2021	8 week	NPTEL EXAM	National		Certificate of participation
7	Akash Kumar	21/03/2021	8 week	NPTEL EXAM	National		Certificate of participation
8	Som Upadhayay	February 19-20, 2021	2 DAY	Workshop on "Recent Trends in Image Processing & Security" by TEQIP III	National		Certificate of participation



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9	Girraj Shitole	25/09/2020	2 DAY	Techstar Startupweekend	National		Coordinator certificate
10	Girraj Shitole	27/04/2020		Workshop on cyber security and graphic design	Inter-university		Certificate of participation
11	Shreya Sanghi	16/04/2021	1 DAY	Indian Society for Technical Education	National		Co-ordination certificate
12	Harsh Mishra	1/03/2021	8 week,	NPTEL Exam	National		Certificate of participation
13	Raj Mahour	21/03/2021	8 week,	NPTEL Exam	National		Certificate of participation
14	Raj Mahour	15-05-2021	1 DAY	E-Workshop on Virtual Labs IIT Delhi			certification of participation
15	Mirdul Kumar	15/7/2020	150 HRS	Training on Cyber security	National	1	CERTIFICATE
16	Yashasvi Goyal	29/8/2020	1 DAY	lecture on rocket technology & future scope of avionics engineering	National	1	CERTIFICATE
17	Hero Campus Challenge Season 6/ Ananya Anup Jain	21/11/2020	2 DAY	All registered teams need to take a 30-minutes online quiz with 25 MCQ questions.	National	Team of 3	-
18	Aniket Nimbhorkar	24/12/2020	84 HRS	“Basics of Remote Sensing Geographical Information System and Global Navigation SatelliteSystem”	National	1	-
19	Hero Campus Challenge Season 6 / Ashutosh Kushwanshi	21/11/2020	2 DAY	Selected in 180 participants out of 35,000 participants	National	Team of 3	-
20	Harsh Arjeria	1/8/2020	60 DAYS	Developed an Android App for the Indian Army	National		CERTIFICATE FROM INDIAN ARMY
21	Scope in Automotive	14/7/2020	3 HRS	Scope in Automotive	National	150	



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	industry			Industry			
<b>Electrical Engineering</b>							
1	Deepu Kankar	01st September 2020	05	Workshop on augmented reality/virtual reality by TACThub in affiliation with AICRA online webinar on virtual labs by IIT Delhi	National	01	
		28th September 2020	01	Online course on Programming for every body (Python) online course on introduction to HTML			
2.	Rushil Babelay	26th september 2020	01	State level Poster Presentation on "Sustainable Energy Resources	State	01	
3.	Aditya Sharma	22nd august 2020	01	Online webinar on virtual labs by iit delhi	National	01	
4	Hult Prize - 2021Bangkok Impact Summit	April 2021	02	Idea for viable food enterprises that will impact the lives of 10M people in the next decade	National	02	
5	Lean Start- Up & Minimum Viable Product/Business	30 July 2021	1 Day	Webinar	State	01	
6	English For Personal and Professional Development	17 July 2021	6 Weeks	MOOC Course	State	01	
7	Cloud computing workshop	July 2021	6 Days	Workshop	State	01	
8	National quiz on World ozone day	16 Sept 2020	1 Day	Online quiz regarding environmental awareness	National	01	
9	Cyber security awareness quiz	Sept 2020	1 Day	Awareness quiz	State	02	
10	The Guinness World Record Event	24 April 2021	1 Day	Most number of participants registered	State	01	



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				within 24 hours in course			
11	Project Vidyadaan	10/1/2020	1 Day	Gramiksha (Non Governmental organization)	State	01	
12	Coding challenge assessment	10/9/2020	1 Day	Hackerrank	National	01	
13	Sustainable Livelihood and adaptation to climate change	4/10/2021	1 Day	National Institute of rural development and panchayati Raj	National	01	
14	Water Quiz	4/1/2021	1 Day	Ministry of Jal Shakti	National	01	
15	Technical E-Quiz Series (Circuit Analysis)	7/9/2020	1 Day	Ganadipathy Tulsi's Jain Engineering College	State	01	
<b>Electronics Engineering</b>							
1.	Ritika Nayak/ Prelims Of Abhigyan'20	22.10.2020	30 mins	Prelims of Abhigyan'20-organised by Quizzers' Club MANIT, Bhopal	National	500	
2.	Anshita Singh/ Prelims Of Abhigyan'20	22.10.2020	30 mins	Prelims of Abhigyan'20-organised by Quizzers' Club MANIT, Bhopal	National	500	
3.	Princy Saxena- Augmented Reality/ Virtual Reality	01.10.2020	2 hours	Augmented reality/ virtual reality organised by AICRA( TactHub)	National	100	
4.	Princy Saxena- Webinar	15.09.2020	2 hours	Artificial Intelligence Webinar, Organised By Team III	National	50	
5.	Princy Saxena- Webinar	18 September	2 hours	Competitive Programming organised by Script foundation, Pune	National	100	
6.	Princy Saxena- Webinar	29.08.2020	2 hours	Webinar on Data structures in real life organised by -coding block	National	50	
7.	Disha Chaurasia / Startup Weekend Gwalior	25.09.2020	3 days	Techstars startup weekend powered by	National	25-30	(2nd runner up)



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				google			
8.	Amrita Srivastava/ Webinar	15.09.2020	2 hours	Artificial Intelligence Webinar, Organised By Team III	National		
9.	Amrita Srivastava/ Workshop	29.08. 2020	2 hours	Online workshop by coding blocks	National		
10.	Yogendra Kumar Patel/ Coding Quiz	12th September 2020	3days	Online Quiz by Technical Cell REC	National	50-60	3rd Rank
<b>Chemical Engineering</b>							
1	International Virtual conference on Recent Advance in Organic medicinal and biological chemistry RAOMBC 2020 by VIT Chennai/ Shivam Sharma	7/8/2020	2 days	International Virtual conference	International	01	Certificate of Participation
2	ISRO Online Courses/ Rishav Saraswat	29/06/2020 to 03/07/2020	5 days	Satellite Photography and its Applications	National	01	Certificate of Participation
3	ISRO Online Courses/ Rishav Saraswat	13/07/2020 to 24/07/2020	12 days	Application of Geoinformatics in Ecological studies	National	01	Certificate of Participation
4	Online DWSIM workshop / Rishav Saraswat	29/08/2020	1 Day	Attended the workshop registering under the Student category, organized by IIT Bombay	National	01	Certificate of Participation
5	Piche Cebu Webinar series on Chemical Process Engineer/ Rishav Saraswat	12/09/2020	1 day	What Chemical Process engineers must know about plant design	National	01	Certificate of Participation
6	CFD for solving Engineering problems / Rishav Saraswat	7-11/08/2020	1 Week	Attended the STC organized by Mechanical department, MNIT Jaipur	National	01	Certificate of Participation
7	Online course on H2S	05/11/2020	1 day	Online Training	National	01	Certificate of



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	Awareness/ Rishav Saraswat						Participation
8	Data analytics Workshop/ Parth Nigam	Oct-Nov,2020	1 month	Internship at WIDHYA	National	01	Certificate of Participation
9	National conference on advances in materials, manufacturing and simulation/ Rishav Saraswat	26-27/10/2020	2 days	Presented a paper entitled "Separation of Pyridine and Water by PSD using Dwsim Simulation" at Bannari Amman Institute, Tamilnadu	National	01	Certificate of Participation
10	Coursera online course on Introduction to MATLAB Programming/ Vaishnavi Tripathi	06/10/2020	7 Days	Has completed Introduction to Programming with MATLAB an online non-credit course authorized by Vanderbilt University and offered through Coursera.	National	01	Certificate of Completion
11	Coursera online course on Natural Gas/ Harshit Sane	08/09/2020	7 days	Has completed Natural Gas an online non-credit course authorized by University of New York and offered through Coursera.	International	01	Certificate of Completion
12	Asteroid Search Campaign using Astronomical Software Ritik Ranve /Rishav Sarswat	May-June 2021	1 month	DST- Rajasthan Government with IASC/NASA	National	02	Certificate+5 Preliminary Discoveries
<b>Architecture</b>							
1	5 <sup>th</sup> year student, Arnav Shukla's design entry was "Attendance - Reconfiguring Government Schools in India"hosted by			About The Design. The Competition Entry Named "Intermediary" Aimed to Create 'A New Type of Sustainable	International	Amongst the top 50 entries in the	Shortlisted



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	Archmello with Sanjay Puri Architects as the jury.			Activity Space.’ with Design Elements such as the Kaleidoscope of Colours and Vision to Make Schools a Second Home for the Students, the Entry Aimed to use Design to Enhance the Quality of Education.			
2	5 <sup>th</sup> year student Trisha Patidar’s			About the design. Home remains the most significant architectural place we experience throughout our life. But with the onset of the Covid-19 pandemic that has stretched for so long, people have forgotten most of the architectural spaces and remember only their home. Taking this context forward, the design of the home has been conceptualized. entry to India’s first ever sprint design contest named “Tomorrow’s house 7D Booster Sprint Design Contest” was shortlisted		The top 45 entries.	Shortlisted
3	5th year student Aman Jain			Stripes roar competition” organised by World Wildlife Fund, India in collaboration with renowned wildlife			Awarded Third Prize in this Competition



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				<p>illustrator Rohan Dahotre and illustrator, About the artwork. The brief was to create an artwork in any form and style to raise awareness among people about how we are pushing tigers towards extinction and how we can save tigers. His competition entry was a short, frame animation showcasing two major reasons of constantly reducing tigers population i.e. habitat loss and poaching, both being consequences of uncontrolled human activities. The entry was submitted under the following brief introduction- "As fire is one of the most powerful and essential element, so are tigers essential for the existence of forests and balance of ecosystem. With only around 3900 tigers remaining in the wild, these majestic creatures are on the verge of extinction. The major</p>			
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				causes are loss of habitat and poaching. Let's save these majestic beasts. SAVE TIGERS!!! SAVE FORESTS!!!"			
4	4 <sup>th</sup> year student Namita Agarwal	January 2021		About the artwork. The artwork named "I want to be' shows how dreams matter and can make a huge difference. The juried exhibit organized by 'Embracing our differences' consists of 50 billboard-sized works of art, each accompanied by an inspirational quote	In Annual International Art Exhibition in Sarasota's Bayfront Park, Florida	Artwork is selected to be put up	
5	4 <sup>th</sup> year students Vanshika Bithhariya, Brijmohan Kushwah, Sandeep Dhakkar, Dev Kansana and Rishika Sood	October 2020		About the design. Design proposal to Adaptively Reuse an abandoned Mughal structure in Gwalior and convert it into a vibrant community space to empower the women of the local community.	Adaptive Reuse Design Competition hosted by 'DesignClass, California'		Were Awarded the 'Designer's Choice Award'
6	4 <sup>th</sup> year students, Priya Patel, Hemant Sharma, Anirudh Maheshwari and Bhoopendra Soni were.	October 2020		About the design. The topic for the competition revolved around activating a duplitecture of the Eiffel tower which stands tall amidst the Sky City of China. The team had proposed to design a pocket film city around the tower which would	International Activating Duplitecture' design competition organised by <a href="#">DOCEXDOCE</a>	Shortlisted amongst the top 37 Finalists in the	Shortlisted amongst the top 5



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				act as a center for employment, tourism, and amusement around the township, activating the town and increasing the inhabitants.			
7	4th year students Radhika Agarwal, Shivanie Khanka, Dev Kansana and Tulika Upadhyay.	October 2020		About the design. The topic for the competition revolved around activating a duplitecture of the Eiffel tower which stands tall amidst the Sky City of China. Imitation-Qi- An elderly nest will create a sense of belonging, which provides meaning and ultimately economic boost to the place which is otherwise absent in duplitecture simulations. The main aim is to make Tianducheng a getaway place for elderly to consciously enjoy the symbolism, while interacting with the surroundings. This proposal is designed to create a feeling of cosiness by strengthening cultural ties, and spaciousness to represent coherence	Duplitecture' design competition organised by <a href="#">DOCEXDOCE</a> in the month of October		Were Shortlisted amongst the top 37 Finalists in the 'International Activating
8	4 <sup>th</sup> year student Rishika	October 2020		About the design.	Organised by the	From a total of	18 Finalists



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	Sood			Proposal for “Energy Generating Bicycle Corridors” that aim to introduce citizens to sustainable lifestyles and subsequently reduce their carbon footprint. Powered by piezo electric flooring, these corridors convert the simple mechanical work of the pedestrians on the cycle track into electric energy.	Bentley Institute	1400 global participants in the competition	were selected who were then invited to participate in the Finale and interact with the jury was shortlisted as Finalist in the ‘International Digital Infrastructure Student Idea Challenge 2020’
9	4 <sup>th</sup> year Students Namita Agarwal And Hemant Sharma			About The Design. We designed for the fort road Gwalior, with the Element of Fantasy for the People that they dream of solving current issues enhancing the street’s Character.	Nationwide in “Gully Street Design Competition Level 1” hosted by “Oculus India		Shortlisted in Top 50
10	4 <sup>th</sup> year student Namita Agarwal			About the poster. The poster is made using hand typography to create a more infuriating feeling towards the word anxiety. The details and elements of presentation express the requir			Was awarded with the honourable mention in the open call “Designing With Words”.
11	3rd year students Shruti Khopkar, Pragya Rajput and Shakti Gupta .	November, 2020		About the design: Design proposal for the Firozabad city, to adaptively reuse the	Participated in AIS Glass Design Olympiad		Their team has been shortlisted for the second round.



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				waste glass bangle pieces in the construction of a low-cost housing society for 50 families, consisting of EWS,LIG units with recreational spaces, commercial spaces, workshops and school.			
	2 <sup>nd</sup> year student Arjun Vishwakarma	22 to 24 June 2021		TOYCATHON 2021. This national-level		1500	Was Shortlisted
	2 <sup>nd</sup> year student Shreya Pateriya	June 2021		ROAD TO TOKYO 2020 Quiz	Which was organized by the Sports Authority of India (SAI), Indian Olympic Association (IOA)& My gov		QUIZ Competition
	2 <sup>nd</sup> year student Shreya	June 2021		Pateriya participated in Mentoring YUVA Quiz which was organized by MY gov			

**50. STUDENT PARTICIPATION IN TECHNICAL EVENTS INSIDE THE INSTITUTE**

S. No.	Name of Activity/Student	Date	Duration	Activity Detail in Brief	Level of Activity	No. of students	Achievements. If any
<b>Mechanical Engineering</b>							
1	Girraj Shitole	25-07-2021	2 Day	Fundamentals of Automotive system and Go- kart design	College Level	-	-
2	Recent trends in engineering materials	7/8/2020	2 Day	Use and Trends of Engineering Materials in Different useful Manner	Interaction	300	-



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3	Robotics and Industrial Automation	20/6/2020	3 Hour	One Day Online National Workshop.	National	120	Certificate
4	Data Structure/Vishal Pathak	10/8/2020	2 Day	Data Structure Online Workshop	college level	80	Certificate
5	Building Science and Energy Conservation	22/9/2020	Five Days Webinar	Building Science and Energy Conservation Department of Mechanical Engineering	National	200	Certificate
5	Competitive programming Event	23/10/2020	10 Day	Compretive Programming is A Similar to A Sport where Coders Compete with each other by Solving Hardest Problem	National	2155	5 start rating personal on hackerank competitive site and 2 star rating on CodeChef
<b>Electrical Engineering</b>							
1	National Level Online Quiz Competition	05 Sep 2020	1 day		National	48	
2	Holistic Health Club MITS will organize a National Level Quiz competition on "Health and social Awareness during Covid-19 Pandemic" through online mode	27.09.2020.	1 day		National	75	
3	Sustainable Energy Resources	26.09.2020	1 day		National	84	
4	National Workshop on Internet of Things (IoT) and Data Analytics	23,-24.10 2020.	2 days		National	15	
5	GK questions and awareness quiz on Coronavirus	7/28/2020	1 day		Institute Level	35	
6	Abhyudaya 2.0	3/13/2021	1 day		Institute Level	43	
7	Cyber security	6/12/2020	1 day		Institute Level	58	
8	Online quiz about awareness on coronavirus	7/28/2020	1 day		Institute Level	47	



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9	GK quiz on covid 19	7/28/2020	1 day		Institute Level	38	
10	Sports awareness quiz	9/9/2020	1 day		Institute Level	93	
11	Sports awareness quiz	9/9/2020	1 day		Institute Level	39	
12	Sports Awareness Quiz	11/9/2020	1 day		Institute Level	78	
<b>Electronics Engineering</b>							
1	Krishnapal Singh Rajput/ Workshop	10 August 2020	2 Days	Workshop on Data Structure organized by IOT Club	College level	221	
2	Sneha Dwivedi/ Workshop	10 august, 2020	2 days	Workshop on Data Structure Organised by IoT Club	College level	221	
3	Sneha Dwivedi/ Webinar	31 August, 2020	3 days	Webinar on java script Organized by IETE student's forum MITS	College level		
4	Rajeev Tyagi/ Webinar	31 august, 2020	3 Days	Webinar on java script Organized by IETE student's forum MITS	College level		
5	Princy Saxena/ Webinar	31 august, 2020	3 Days	Webinar on java script Organized by IETE student's forum MITS	College level		
6	Deeksha Singh/ WEBINAR	6-8th july 2020	3 days	Webinar on java script Organized by IETE student's forum MITS	College level		
7	Deeksha Singh/ Workshop	10 august 2020	2 days	Workshop on Data Structure Organised by IoT Club	College level	221	
8	Effective Communication Skills & Art of Representation (Deeksha Singh)	27 September 2020	1 day	Organised by Digital Learning Group MITS	College level		
9	Webinar (Princy Saxena)	6-8 JULY 2020	3 DAYS	Webinar on HTML/CSS Organised by IETE Student's Forum MITS	College level		
10	Workshop (Princy Saxena)	31 July 2020	1 Day	NANO Sensors and their applications Workshop	College level		



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				Organised by MITS Gwalior			
11	(Disha Chaurasiai) Webinar	31 August, 2020	3 days	Webinar on Java Script Organized by IETE student's forum MITS	College level	30-35	
12	(Disha Chaurasia) Workshop	01 September 2020	2 hours	Virtual reality /augmented reality workshop Organised by IOT ClubMITS and Tacthub	College level	30	
13	Amrita Srivastava Webinar	31st August	3-Day	Webinar on Java Script Organized by IETE student's forum MITS	College level		
14	Amrita Srivastava Webinar	6th July	3 day	Workshop on "HTML/CSS" organised by IETE students forum MITS	College level		
15	Amrita Srivastava/ Quiz	6th September 2020	1 day	Space quiz competition by OCTOBER SKY (rocket club) MITS	College level		
16	Yogendra Kumar Patel/ Workshop And Quiz	19 September 2020	1 day	Fundamentals of Aptitudes Workshop and Quiz event by AASF MITS club	College level		
<b>Chemical Engineering</b>							
1.	Online workshop on Gender Equality and Women safety/ Shivani Yadav	10/07/2020	1 day	Organized by Girls Grievance Cell, MITS, Gwalior	College	01	Participation Certificate
2.	GK questions and awareness quiz on Coronavirus/ Shivani Yadav and Vishal Arya	28/07/2020	1 day	Organized by NSS Unit, MITS, Gwalior	College	02	Participation Certificate
3.	Extempore/Nishant Pathak	January 2021	1 day	Organized by Digital Learning Group (DLG)	College	01	Participation Certificate
4.	SELP/Nishant Pathak, Akash Ojha, Ram Sharma	February 2021	1 day	Organized by Holistic Health Club	College	17	Participation Certificate



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5.	Game of Science/Praveen Soni, Deerghaa Gupta	March 2021	1 day	Organized by Art Club	College	02	Participation Certificate
<b>IT</b>							
1	Clash of Codes	11 Sept 2020	1 day	Coding Competition	Institute Level	25	-

**51. STUDENT PARTICIPATION IN SPORTS/EXTRA-CURRICULAR/CULTURAL ACTIVITIES OUTSIDE THE INSTITUTE**

S. No.	Name of Activity/Student	Date	Duration	Activity Detail in Brief	Level of Activity	No. of students	Achievements. If any
<b>Mechanical Engineering</b>							
1	Individual, Ashutosh Kushwanshi	24/04/2021	1 day	Webinar on Auto Desk Fusion 360	National	-	Certificate of Participation
2	Ritik Sharma	4-07-2021	1 day	Prepare for your Business plan by Google	International		Certificate of Completion
3	Som Upadhayay	14-16/07/2021	3 day	'Workshop on High-Performance Computing in the Agriculture Domain' Conducted by IIT Indore	National		Certificate of Participation
4	Akash kumar (roll 10)	14-02-2021	1 day	Student Excellence and Learning Program	National		Certificate of Co-ordination
5	Harsh Mishra (roll 50)	14-02-2021	1 day	Student Excellence and Learning Program	National		Certificate of Co-ordination
6	Deepak Kasaniya	5/8/2020	1 day	State level cross country tournament	State level	01	Participation
<b>Electronics Engineering</b>							
1	Content Writing Samagra NGO (Aamna Bhalla)	17 Aug'20	1 Month	Submitted content on various topics to spread awareness	National	60-70	
2	Content Writing (Intern) Harsh Upadhyay	10 June - 10 September	3 Months	Wrote news articles for an American news media company - The Justice Online	National		
3	Customer Relations (Intern)	15 July - 4	2 Months	Report curation for an e-	National		



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	Harsh Upadhyay	September		learning startup 'Camp K12'			
4	Princy Saxena- Communication Skills	2 August- 27 September	1 Week	Course On Communication Skills By TCS	National		
5.	Malvika Sharma Digital marketing course	10/07/20 - 20/07/20	48 hours	Digital marketing course from Google garage	National		
6	Covid -19 Awareness (Rajeev Tyagi)	August, 2020		Organised By Jilani Welfare Trust	National		
7	Covid -19 Awareness (Sneha Dwivedi)	August, 2020		Organised By Jilani Welfare Trust	National		
8	Astro-Tourism quiz (Deepti Jain)	6-2-2021		Ministry of Tourism India & MyGov	National		
9	Water quiz : Jal Shakti Abhiyan Campaign (Deepti Jain)	12-4-2021		National Water Mission & MyGov	National		
10.	Vocal for Local quiz : Empowering local communities (Deepti Jain)	13-2-2021		Ministry of Tourism India & MyGov	National		
11.	Webinar And Quiz (Rishi Saxena)	20 Feb. 2021		Union Ministry of Tourism	National		
12	Webinar and Quiz (Rishi Saxena)	10 March 2021		National water Mission, Ministry of Jal Shakti	National		
13.	Water Quiz (SHREYANSH JAIN)	12-4-2021		National Water Mission and My GOV	National		
14.	Online Workshop- Entrepreneurship for making self-sufficient Entrepreneurs And Innovators (Harshit Kumar Shakya)	12 to 23 Feb. 2021		Indian Institute of Information Technology Allahabad	National		
15.	Quiz and Web. One Nation and One Ration Card (Mayank Gupta)	20/Dec/2020		Department of Food and Public Distribution	National		
16.	Quiz On Festivals Of India	21/2/2021		Manipur State Gov	National		



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	(Mayank Gupta)						
<b>Chemical Engineering</b>							
1	Knowledge testing on NCC/ Parth Nigam	15/07/2020	1 day	Organised by Thakur College NCC Unit, Mumbai	National	01	Participation Certificate
2	Art Competition/ Vaishnavi Tripathi	18/09/2020	1 day	Pegasus Online Art Competition	National	01	Participation Certificate
3	Start-up, Innovation and IPR online Quiz/ Atharva Jain	06/12/2020	1 day	Organized by the Institution's Innovation Council of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, Udipi.	National	01	Participation Certificate
4	Online Dance Competition/ Atharva Jain	20/09/2020	1 day	Pegasus Online Dance Competition	National	01	Participation Certificate
<b>Architecture</b>							
1	4 <sup>th</sup> Year student Tejasvi Gupta			Volunteered for-Center for Creative learning	IIT-Gandhinagar in collaboration with CBSE and IISER Pune and successfully completed 3030stem season- 1(IITgn CCL		
2	4 <sup>th</sup> Year student Tejasvi Gupta is volunteering at Center for Creative Learning.			Which was organized by the Sports Authority of India (SAI), Indian Olympic Association (IOA)& My gov	It is a lab and a great initiative at IIT Gandhinagar with the objective of making Science/Math Engaging and Inspiring and unlocking the Beauty and		



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					Mystery of Math/Science all around us.		
3	3rd year student, Shruti Khopkar and is going to appear for the examination	January, 2021		<b>B.A. in Music</b> , which is going to be conducted by Prayag Sangeet Samiti I	Has started learning Indian classical music in Ujjain, M.P. Earlier she had done Senior diploma in music(Vocal) from Prayag Sangeet Samiti, Allahabad. Now she is pursuing the degree of Sangeet Prabhakar from the same university,		
4	2 <sup>nd</sup> year student Shreya Patreiya participated in the “Dekho Apna Desh	5th December 2020		Participated in the “Dekho Apna Desh	Webinar, Episode 66: Agra: Taj and Beyond” .		Awarded a certification by the Ministry of Tourism and MyGov
5	2 <sup>nd</sup> year student Shreya Patreiya			Participated in the “National Cyber Security Awareness Quiz” 2020			Awarded a certification for its completion by Data Security Council of India and MyGov.



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### 52. STUDENT PARTICIPATION IN SPORTS/EXTRA-CURRICULAR/CULTURAL EVENTS INSIDE THE INSTITUTE

S. No.	Name of Activity/Student	Date	Duration	Activity Detail in Brief	Level of Activity	No. of students	Achievements. If any
<b>Mechanical Engineering</b>							
1	Yogdarshan/ Mayank Keshari	21-06-2021	1 day	-	College Level	-	Certificate of Participation
2	Girraj Shitole	24-04-2021	1 day	Webinar on Autodesk Fusion 360	College Level	-	Certificate of Participation
3	Aneesh Kumar Jaiswal (0901AU201005)	24-04-2021	1 day	Webinar on Autodesk Fusion 360	College Level	-	Certificate of Participation
4	Anil Kumar Choudhary	14-02-2021		Student Excellence and Learning Program	College Level		Certificate of Coordinator
5	Sport Awareness Quiz / Raj Mahour(0901ME181082)	9-10-2020		Online Quiz	College Level		Certificate of Participation
6	Sports Quiz On General Awareness / Som Upadhayay	9/9/2020	1 hour	Online Quiz Based on General Awareness	College Level	1	Got 92% in Online Quiz
7	Abhipraay Gaming Quiz / Som Upadhayay	15/9/2020	1 hour	Online Quiz Based on Gaming	-	1	62 % in Quiz
8	National Level Quiz Competition Hhc Mits / Som Upadhayay	27/9/2020	1 hour	Quiz Based on "Social and Health Awareness During Covid 19 Pandemic "	-	-	-
9	Online Chess Tournament / Som Upadhayay	28/11/2020	1 hour	Chess Tournament "Kingfall"	College Level	-	-
10	Mirdul Kumar	21/9/2020	2 hours	" Mock Placement preparation" Organized by Career counselling Club MITS	College Level	450	Certificate
11	Mirdul Kumar	7/8/2020	30 minutes	Online Quiz by MITS Sports Club	College Level	-	Certificate
12	Yashasvi Goyal	7/8/2020		Online Quiz by MITS Sports Club	College Level	-	Certificate
13	Talent Hive/ Ananya Anup	17/10/2020	3 days	There were 3 activities	National Level	AROUND 200	Organized this



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	Jain			that took place under this event 1) Career Masterclass, 2) Byju's Seminar and, 3) Codesy			event as Student Head (Management).
14	Anuj kumar Singh	28/11/2020	1 day	Conducted online chess tournament name was king fall more than 300 students participated in this tournament	College Level	315	Organiser of this event
10	Anuj kumar Singh	7/9/2020	5 days	General spot awareness schools event was conducted under the Sport Club	College Level	500	Organiser of this event
11	Sports Awareness Quiz/Vishal Pathak	11/9/2020	1 hour	Sports quiz	College Level	250+	Certificate
<b>Electrical Engineering</b>							
1	Quiz : Relevance of Netaji Subhas Chandra Bose in 21st century	22-01-2021	1		National	08	
2	Rajasthan - India's art experiences hub	09-01-2021	1		State	15	
3	Tribes India trified and mygov	10-03-2021	1		National	24	
4	Ministry of tourism and mygov cingulate	17-04-2021	1		National	28	
<b>Electronics Engineering</b>							
1	Yoga Competition (Yogastha)	23 August 2020	1	Organised by Sports Club MITS	College Level		3rd Position
2	Online Writing Competition (Aamna Bhalla)	15 July 2020	1	Organised by Querencia Club in Online Mode	College Level	30+	1st Position
3	Online Quiz (Vishakha Agrawal)	8-August-2020	1	Organised by Sports Club MITS	College Level		
4	Gk Questions And Awareness Quiz On	28-July-2020	1	GK Questions and Awareness Quiz on	College Level		



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	Coronavirus (Covid-19) (Vishakha Agrawal)			Coronavirus (Covid-19) Organized by Sports Club MITS Gwalior			
5	Online Quiz (Sneha Dwivedi)	08 August, 2020	1	Organised by Sports Club MITS	College Level		
6	Gk Questions And Awareness Quiz On Coronavirus (Covid-19) (Sneha Dwivedi)	28 July, 2020	1	Organised by NSS Unit of MITS, Gwalior (M.P.)	College Level		
7	Virtual Sketching Hour ( Sneha Dwivedi)	31 August, 2020	1 Hour	Organised by Art Club MITS	College Level		
8.	Ritika Nayak- Sports Awareness Quiz	09.09.2020	30mins	Sports Club MITS Gwalior-Sports Awareness Quiz	College Level	100	
9.	Ritika Nayak- Virtual Sketching Hour	31.08.2020	60mins	Virtual Sketching Hour - Art Club MITS Gwalior	College Level	50+	
10.	Ritika Nayak-Logofy, Digital Logo Designing	September 2020	2weeks	Logofy, Digital Logo Designing- Art Club MITS Gwalior	College Level	15	Organizer
11.	Ritika Nayak- Rachna,Portrait Making	September 2020	2weeks	Rachna, Portrait Sketching - Art Club MITS Gwalior	College Level	50+	Organizer
12	Quiz (Abhipraay) (Sneha Dwivedi)	15 September, 2020	1	Organised by Scrabble Club MITS	College Level	100	
13	Quiz (Abhipraay) (Vishakha Agrawal)	15 September, 2020	1	Organised by Scrabble Club MITS	College Level	100	
14.	Anshita Singh/ Virtual Sketching Hour	31.08.2020	60 mins	Virtual Sketching Hour - Art Club MITS Gwalior	College Level	50+	
15.	Sports Awareness Quiz (Princy Saxena)	12.09.2020	1	Sports Club, MITS	College Level	100	
16	Quiz (Abhipraay) (Princy Saxena)	15 September, 2020	1	Organised by Scrabble Club MITS	College Level	100	
17	Sport Awareness Quiz ( Deeksha Singh)	12 September 2020	1	Sport Club MITS Gwalior	College Level		
18	Online Quiz	08 July 2020	1	Organised by Sports	College Level		



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	( Disha Chaurasia)			Club MITS Gwalior			
19.	Sport Awareness Quiz ( Disha Chaurasia)	09 September 2020	1	Organised by Sports Club MITS Gwalior	College Level		
20.	Workshop ( Disha Chaurasia)	29 September 2020	1	Workshop on Effective Communication Skills Organised by Digital Learning Group MITS Gwalior	College Level	60	
21.	Sports Quiz (Amrita Srivastava)	13th September 2020	1	Organised by Sports Club MITS	National		
22.	Women Empowerment (Amrita Srivastava)	09 August 2020	1	Webinar Organised by IETE Bhopal, Gwalior and IEEE	National		
23	Online Quiz (Rajeev Tyagi)	08 August, 2020	1	Organised by MITS Sports Club	College Level		
24	Space Quiz Competition (Rajeev Tyagi)	6 September, 2020	1	Organised by October Sky (Rocket Club), MITS Gwalior	College Level		
25	Sports Quiz (Nidhi Singh)	13-9-20	1	Organised by Sports Club MITS	College Level		
26	Space Quiz Competition (Sneha Dwivedi)	6 September, 2020	1	Organised by October Sky (Rocket Club), MITS Gwalior	College Level		
27	Future Engineering Education And Research (Sneha Dwivedi)	23 August, 2020	1	Organised by IETE, Bhopal and Gwalior IEEE, M.P.	National		
28	Issues Related To Covid 19 (Sneha Dwivedi)	16 August, 2020	1	Organised by IETE, Bhopal and Gwalior IEEE, M.P.	National		
29	Women Empowerment (Sneha Dwivedi)	09 August, 2020	1	Organised by IETE, Bhopal and Gwalior IEEE, M.P.	National		
30	Engineering Education (Sneha Dwivedi)	05 September, 2020	1	Organised by IETE, Bhopal and Gwalior	National		



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				IEEE, M.P.			
31	The Growth Of Women Empowerment In Virtual Era (Sneha Dwivedi)	13 September, 2020	1	Organised by IETE, Bhopal and Gwalior IEEE, M.P.	National		
<b>CSE</b>							
1	Online Dance Competition 2.0	From 20 July to 20 Aug. 2020	30 days	Related with dance competition	International	30	
<b>Chemical Engineering</b>							
1	Sports Awareness quiz/ Shivani Yadav	13/09/2020	1 day	Organized by Sports Club, MITS, Gwalior	College	01	Participation Certificate
2.	Online Chess Tournament "KINGFALL"/ Rishav Saraswat	28/11/2020	1 day	Organized by Sports Club, MITS, Gwalior	College	01	Participation Certificate
3	Online Dance Competition 2.0 / Atharva Jain	18/08/2020	1 day	Organized by Dance Club, MITS, Gwalior	College	01	Participation Certificate
4	Yogastha/ Vishal Arya	23/08/2020	1 day	Organized by Sports Club, MITS, Gwalior	College	01	Participation Certificate
5.	Indian folk Art/Deerghaa Gupta,Khushi Shrivastava	JANUARY 2021	1 day	Organized by Art Club, MITS, Gwalior	College	02	Participation Certificate
6.	Environmental awareness/ Deerghaa Gupta	JUNE 2021	1 day	Organized by IETE Students Forum, Gwalior	College	01	Participation Certificate and Cash Reward
7.	KINGFALL/Suryansh Singh Sikarwar	Nov 2020	1 day	Sports Club, MITS	College	01	Awarded with 2nd Rank
8.	KINGFALL 2.0/Suryansh Singh Sikarwar	Feb 2021	1 day	Sports Club, MITS	College	01	Awarded with 3rd Rank
<b>Humanities</b>							
1	Online Writing Competition Under Literary Club- Querencia	20/July/2021 to 31/July/2021	2 Weeks	Studentst were asked to write an original story on a given theme	Inter-College, Gwalior	30	11 Students were Awarded Certificates [04 winners]



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Architecture							
1	1 <sup>st</sup> year student Anugya Shrivastava.	2020 5th December		In the 'Health Competition Quiz' organised by Holistic Health Club MITS during the Induction Program	College		Secured 4th Rank
2	1 <sup>st</sup> year student Ishika Baghsawar Koshti'	2020		Organised during the Induction Program	College		Secured 1st Rank In The 'Dance Competition'
3	1 <sup>st</sup> year student Aditi Shukla			Organised during the Induction Program 2020 at the institute.	College		Secured 2nd Rank In The 'Singing Competition'
4	2nd-year student Abhay Singh Tomar won			Volleyball with his team in Madhavgarh Tournament.			1st prize and get a cash prize of 6100/- with a gold medal in
5	1st-year student Falguni Tayal has and			Participated in a creative challenge competition			Won the first prize in the junior poetry competition.
6	2nd-year student, Anuj Dogne, Austin Dominic, Shivangi Swarnkar, Anusha Verma, Shruti Pal, Lavanya Kharait, Anmolika Sarraf, Khushi Verma			Organized by "Ministry of Housing and Urban Affairs" Government of India			Won the first prize in the "Jabalpur Street for People Challenge Won the First Prize. Which one of the entries won the first price with a cash price worth INR 10.000 /-.



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7	3rd-year student Ambika Bhadoriya has participated in the competition nation Future Champs			Organized by divyanshi creations The competition was from Shikohabad, Firozabad district, she won the competition underpainting category			Got 1st prize and the painting also got selected for the exhibition in Shikohabad, in Gardenia inter-college Shikohabad
8	2nd Year Students Austin Dominic, Anuj Dogne, 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			
9	2nd Year Students Austin Dominic, Anuj Dogne			Took part in the Transparence poster design competition organized by ethos India.			

### 53. SPORTS AND CULTURAL ACTIVITIES/COMPETITIONS ORGANISED AT THE INSTITUTION LEVEL DURING THE YEAR

Activity	Sports	Cultural	Level	Participants
<b>Electrical Engineering</b>				
Digital Logo competition	-	Yes	Institute	20
Online quiz on Indian Folk Art	-	Yes	Institute	15



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### 54. NUMBER OF AWARDS/MEDALS FOR OUTSTANDING PERFORMANCE IN SPORTS/CULTURAL ACTIVITIES AT NATIONAL/INTERNATIONAL LEVEL

Year	Name of the Award /Medal	National/ International	Sports	Cultural	Student ID Number	Name of the Student
<b>Mechanical Engineering</b>						
2020	Best student Chapter Award	National	-	-	0901ME171076	Priyansh Bhadoriya
2020	National engineering olympiad	National	-	-	0901ME181058	Mohammad Faraaz Qureshi

### 55. NSS ACTIVITY FOR YEAR 2020-2021

S. No.	Date	Duration	Activity	Activity Detail in Brief	No. of Faculty	No. of students
<b>Electrical Engineering</b>						
1	12.12.20	01	Online Quiz	Red Ribbon Club & NSS	--	10
<b>Electronics Engineering</b>						
1	25-01-2021	1 hour	Nonline quiz for “Election awareness”	Election process	1	99
2	22-28 March 2021	7 days	7 days Residential camp	जन स्वच्छता, जन स्वास्थ्य एवं जन जागरूकता	03	14
<b>CSE</b>						
1	07 March 2021	1 Day	“Women empower and Award ceremony”		2	-
2	22-28 March	7 Days	NSS Camp at Swami Vivekananda Needam	Various activities such as meditation, Rally cleaning etc. were conducted during the camp	2	15
3	25 April 2021	2 hour	Online webinar “How to Safe from COVID 19 Pandemic” program and “Interaction with App developer Servking in Startup India” (Institute Alumni)	Discussion on Precautions related to covid 19	5	15



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<b>Chemical Engineering</b>						
1	13/03/2021	6 hrs	Corona-Virus Awareness Programme	Awareness programme on 13 March 2021 regarding spreading awareness and strict measures among the citizens who are not responsible towards the seriousness of this pandemic time.	1	15

**56. PROGRAMMES FOR WHICH SYLLABUS REVISION WAS CARRIED OUT DURING THE ACADEMIC YEAR**

Programme (UG/PG)	Semester	Course	Code	% of syllabus added/deleted	Dates of Revision
<b>Electrical Engineering</b>					
UG	V	Power System-II	130502	Less than 10%	02.06.2021
UG	V	Electrical Machine-II	130503	Less than 10%	02.06.2021
UG	V	Power Electronics	130504	Less than 10%	02.06.2021
UG	VII	Electric Vehicle	900217	Less than 10%	02.06.2021
<b>Electronics Engineering</b>					
UG	VII	Satellite System	900206	Newly Added	
UG	VII	Consumer Electronics	900207	Newly Added	
UG	VII	MEMS & Mechatronics	900218	Newly Added	
UG	VII	Multimedia Communication	900219	Newly Added	
UG	VII	Satellite and Radar Communication Systems	140711/200711	Newly Added	
UG	VII	Digital Image Processing	140753/200753	Newly Added	
UG	VII	Milimeter wave Technology	140853/200853	Newly Added	
UG	VIII	Modern Digital Communication Techniques	140851/200851	Newly Added	
UG	VIII	Mathematical Methods and Techniques In Signal Processing	140852/200852	Newly Added	
UG	VIII	Power Management Integrated Circuits	140853/200853	Newly Added	
		Linear Dynamical Systems			



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		Sensors and Actuators			
		Electronics Equipment Integration and Prototype Building			
		Computer Vision and Image Processing - Fundamentals and Applications			
<b>IT</b>					
UG	III	Design & Analysis of Algorithms	(160312/230301 /240301)	4%	10/06/2021
UG	III	Database Management System	(160313/230304 /240304)	9%	10/06/2021
<b>MAC</b>					
UG	I	Probability and Random Process	250103	40% (Change)	02 June 2021

**57. PROGRAMMES/COURSES FOCUSED ON EMPLOYABILITY/ENTREPRENEURSHIP/SKILL DEVELOPMENT DURING THE ACADEMIC YEAR**

Programme with Code	Date of Introduction	Course with Code	Dates of Introduction
<b>Electrical Engineering</b>			
DE	28.11.2020	Solar PV System: Design and Economics	28.11.2020
UG	28.11.2020	Basic of Internet of Things	28.11.2020
UG	28.11.2020	Introduction to Computer Programming	28.11.2020
UG	28.11.2020	Digital Electronics and Logic Design	28.11.2020
UG	28.11.2020	Sensor Technology	28.11.2020
UG	28.11.2020	Data Structures	28.11.2020
UG	28.11.2020	Objective Oriented Programming Methodology	28.11.2020
<b>Electronics Engineering/ET</b>			
UG 140/200	1987/2015	Microprocessor and Interfacing (200503/140601)	01/07/2019 & 01/01/2020
		Data Communication (140403/200601)	01/07/2019 & 01/01/2020
		Linear Control Theory (140504 / 200504)	01/07/2019
		Digital Communication (140505 / 200505)	01/07/2019
		Digital Signal Processing (140602/200601)	01/01/2020



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	Optical Communication (140611/200611)	01/01/2020
	Antennas and Wave Propagation (140612/ 200612)	01/01/2020
	Spread Spectrum Communications (140651/200651)	01/01/2020
	Digital IC Design (140652/200652)	01/01/2020
	Fuzzy Sets, Logic and Systems & Application (140653/200653)	01/01/2020
	Intelligent Control (900104)	01/01/2020
	Embedded Systems (900105)	01/01/2020
	Electronics-I (140301/200301)	15/07/2020
	Digital Circuit & Systems (140302/200302)	15/07/2020
	Network Theory (140303/200303)	15/07/2020
	Signals and Systems (140304/200304)	15/07/2020
	Electromagnetic Theory (140502/200502)	15/07/2020
	Satellite and Radar Communication Systems (140711/200711)	15/07/2020
	VLSI Design (140712/200712)	15/07/2020
	Microwave Engineering (140713/200713)	15/07/2020
	Digital Image Processing (140751/200751)	15/07/2020
	Introduction to Wireless Cellular Communication (140752/200752)	15/07/2020
	Milimeter wave Technology (140753/200753)	15/07/2020
	Satellite System (900206)	15/07/2020
	Consumer Electronics (900207)	15/07/2020
	MEMS & Mechatronics (900218)	15/07/2020
	Multimedia Communication (900219)	15/07/2020
	Modern Digital Communication Techniques (140851/200851)	28/11/2020
	Mathematical methods and techniques in Signal Processing (140852/200852)	28/11/2020
	Power management Integrated Circuits (140853/200853)	28/11/2020
	Linear Dynamical Systems	28/11/2020
	Sensors & Actuators	28/11/2020
	Electronics Equipment Integration and Prototype building	28/11/2020
	Computer vision and Image Processing-Fundamentals and Application	28/11/2020
	Engineering Materials 140212/200212	28/11/2020
	Electronics Devices 140211/200211	28/11/2020



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<b>CSE</b>			
		Networking with TCP/IP (150711)	July 2020
		Data Mining and Data Warehousing (150712)	July 2020
		Network Security (900209)	July 2020
		R Programming (900220)	July 2020
		Intellectual Property Rights (100008)	July 2020
<b>IT</b>			
B. Tech. Information Technology (IT)	2000	Data Science for Beginners (Summer Internship-III ) (160702)	14/5/2021
		Cyber Security (Summer Internship-III ) (160702)	14/5/2021
		Social Networks (160851/900621)	15/1/2021
		Privacy and Security in Online Social Media (160852/900618)	15/1/2021
		Introduction to Internet of Things (900619)	15/1/2021
		Data Science for Engineers (900620)	15/1/2021
		Network & Web Security (160611)	15/1/2021
		Cloud Computing (160614)	15/1/2021
		Data Analytics with Python (160651)	15/1/2021
		Introduction to Machine Learning (160652)	15/1/2021
		Artificial Intelligence: Knowledge Representation and Reasoning (160654)	15/1/2021
		Software Engineering (900108)	15/1/2021
		Data Mining & Warehousing (900116)	15/1/2021
M. Tech. Information Technology (IT)	2012	Data Science for Engineers (630214)	12/7/2020
		Privacy and Security in Online Social Media (630215)	12/7/2020
		Cloud Computing and Distributed System (630216)	12/7/2020
		Introduction to Internet of Things (800206)	12/4/2021
		Cloud Computing (800207)	12/4/2021
		Soft Computing (800105)	12/7/2020
		Machine Learning using Python (800107)	12/7/2020
<b>Architecture</b>			
UG 210	July 2020	210511 Human Settlement	July 2020
	July 2020	210512 Interior Design	July 2020
	July 2020	210513 Architectural Conservation and Historic Preservation	July 2020



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	July 2020	210751 Structural System in Architecture	July 2020
	July 2020	210752 Urban Land Use and Transportation Planning	July 2020
	July 2020	210753 Urban Governance and Development Management (UGDM)	July 2020
	Jan 2021	210611 Housing	Jan 2021
	Jan 2021	210614 Architectural Journalism	Jan 2021
	Jan 2021	210811 City & Metropolitan Planning	Jan 2021

**58. NEW PROGRAMMES/COURSES INTRODUCED DURING THE ACADEMIC YEAR**

Programme (UG/PG)	Course	Code	Date of introduction	Impact
<b>Mechanical Engineering</b>				
PG (MTech)	Product Design	690112	28/11/2020	
	Elements of Design	690113	28/11/2020	
	Methodology for Design Research	690114	28/11/2020	
	Design for Quality	690115	28/11/2020	
	Design and Analysis of Experiments	690119	28/11/2020	
B.Tech. (Mechanical Engineering)	Basic of Finite Element Analysis	120712	28/11/2020	
	Industrial Automation	900203	28/11/2020	
	Solar Energy	900204	28/11/2020	
	Engineering Materials for Industrial Applications	900214	28/11/2020	
	Maintenance Engineering	900215	28/11/2020	
<b>Electrical Engineering</b>				
UG	EE (Internet of Things)	B.Tech	2020-21	Latest Technologies
<b>CSE</b>				
	Networking with TCP/IP	150711	July 2020	Students are able to configure and troubleshoot the network
	Data Mining and Data Warehousing	150712	July 2020	Students are able to mines useful pattern from the large amount of data using various mining techniques



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	Network Security	900209	July 2020	Students are able to Design systems/protocols/policies to secure system and network
	R Programming	900220	July 2020	Students are able to use statistical techniques for scientific analysis of data
	Intellectual Property Rights	100008	July 2020	Students are able to know the importance of IPR and how to file a patent
	Practical Machine Learning with Tensorflow	150751	July 2020	Students are able to build model on real dataset using open source tool Tensorflow
	Scalable Data Science	150752	July 2020	Students are able to implement the concepts of data science on large scale data
	Introduction to Internet of Things	150752	July 2020	Students are able to design sensor for IoT devices
	Social Networks		Jan 2021	Students are able analysed the working of various social networking framework
	Privacy and Security in Online Social Media	150851	Jan 2021	Students are able to understand privacy and security mechanism of various online social media platform
<b>Chemical Engineering</b>				
UG	Equilibrium Stage Operation	170712	30 May 2020	As a Department Elective for the enhancement of knowledge
UG	Industrial Pollution prevention and Control	170713	30 May 2020	As a Department Elective for the enhancement of knowledge
UG	Petrochemical Technology	170713	30 May 2020	As a Department Elective for the enhancement of knowledge
UG	Energy conservation and waste heat recovery	170754	8 June 2021	As a Department Elective for the enhancement of knowledge
UG	Principles and Practices of Process Equipment and Plant Design	170755	8 June 2021	As a Department Elective for the enhancement of knowledge
<b>IT</b>				



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B.Tech Internet of Things (IoT)(UG)	-	-	2020-21 Session	
B.Tech Information Technology (AI and Robotics) (UG)	-	-	2020-21 Session	
UG	Introduction to Artificial Intelligence	240101	07-12-2020	
UG	Introduction to Computer Programming	230102	07-12-2020	
UG	Linear Algebra	250100	07-12-2020	
UG	Sensor Technology	220202	12-04-2021	
UG	Introduction to Internet of Thing	230101	07-12-2020	
UG	Privacy and Security in Online Social Media	160851/ 900618	15-01-2021	
UG	Data Science for Engineers	900620	15-01-2021	
UG	Social Networks	160851/ 900621	15-01-2021	
<b>Applied Science</b>				
UG	Laser Technology and applications	900225	July 2020	The students have been acquainted with the knowledge of working of Lasers and their applications in various domains
<b>Architecture</b>				
UG	Bachelor of Planning	260	July Dec- 2020	

### 59. BEST PRACTICES OF THE DEPARTMENT (LIST AT LEAST TWO IN THE FOLLOWING FORMAT)

#### Electrical Engineering :-

#### BEST PRACTICE – 1

Title of the Practice	Identification of the slow learner students from marks of Mid -Sem Examination and efforts to improve them
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Objective of the Practice	The objective of the 'Open Book Mid-Sem Examination' is to equip the students with intellectual abilities and skills. This will enhance the ability of students to quickly find relevant information and then to understand, analyze, apply knowledge and think critically. The student will focus on understanding of concepts involved in the subject along with its theory part.
The Context	The objective of the 'Open Book Mid-Sem Examination' is to equip the students with intellectual abilities and skills. This will enhance the ability of students to quickly find relevant information and then to understand, analyze, apply knowledge and think critically. The student will focus on understanding of concepts involved in the subject along with its theory part.
The Practice	This open book in the mid-semester exam has been started for Power Electronics (6th semester) and Electrical Drives (7th semester). During exams students are permitted to take help from books, notes as well as Smartphones too. Power electronics is a hybrid paper that includes the idea of basic electrical engineering, material science, network theory, control systems, basic electrical machines, and power systems. Also it includes control techniques of devices like SCR, BJT, and MOSFET etc. Due to this, the 6th semester students most of the time get confused and do not answer correctly. Similar is the case with the subject 'Electrical Drives'. By conducting 'Open Book I Mid-Semester' the students who are a little bit confused will get some support in giving answers correctly. It also reduces the pressure on the mind of the students and motivates them. Also it is the best way to remove the fear of exams.
Evidence of Success	As expected the result analysis shows that the high score percentage of the students has been increased drastically and the fail percentage backlog of the students has been reduced.
Problems Encountered and Resources Required	As this was a new concept, at first students were afraid of this, but later on their interest increased in learning the subject and they enjoyed it.

### **BEST PRACTICE – 2**

Title of the Practice	Identification of the slow learner students from marks of Mid -Sem Examination and efforts to improve them
Objective of the Practice	The performance of some of the students are poor in Mid – Sem Examination and consequently they obtain less marks in these Mid – Sem Examinations. The objective is to identify these students on the basis of marks obtained. Thereafter, in the second step a meeting is organized with them to find out their reasons for obtaining fewer marks and to take corrective action accordingly.
The Context	The performance of students may be improved in second Mid – Sem Examinations, End Term Examinations and in competitive examinations as well



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The Practice	Mid- term result analysis will be done according to following format:				
	Students Marks	0-6	7-12	13-16	17-20
	No. of students				
	<p>1. Students of column I and II will be considered as the slowest learner students and slow learner students respectively.</p> <p>2. Meetings done to find the difficulty of students. Personal Attention Classes are conducted for these students. Following steps are taken to help them:</p> <p style="padding-left: 20px;">Learning material of the students checked and adequate learning material provided.</p> <p style="padding-left: 20px;">Revision of course contents as per their need.</p> <p style="padding-left: 20px;">More assignments, checking and guidelines for improvement.</p> <p style="padding-left: 20px;">The best A/B shown and discussed among students of column I and II.</p>				
Evidence of Success	This practice has recently started therefore it will take time to analyze its impact; however it has increased interest and confidence of students in the subject.				
Problems Encountered and Resources Required	This practice has recently started therefore it will take time to analyze its impact; however it has increased interest and confidence of students in the subject.				

### Electronics Engineering :-

<b>BEST PRACTICE – 1</b>	
Title of the Practice	Meditation
Objective of the Practice	The goal of meditation is to go beyond the mind and experience our essential nature—which is described as peace, happiness, and bliss needed for efficient working. A meditative mind has a tremendous capacity to observe and listen.
The Context	To Live a Healthy Life with No Stress And Anxiety
The Practice	Twice a week
Evidence of Success	Calm and quiet behaviour of faculty, staff and students attending the Meditation
Problems Encountered and Resources Required	Difficulty in motivating few members to attend it. Trainer from “Heartfulness Center”

<b>BEST PRACTICE – 2</b>	
Title of the Practice	Proficiency Test for GATE
Objective of the Practice	To help students for checking the level of their preparation for GATE
The Context	Strategic guidance for aspiring students
The Practice	Weekly



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Evidence of Success	Average about 45% students qualified in each subject
Problems Encountered and Resources Required	Faculty members

### Computer Science & Engineering :-

<b>BEST PRACTICE – 1</b>	
Title of the Practice	Emphasis on Research oriented and development activities
Objective of the Practice	Innovative Projects, Interdisciplinary Projects and industrial internships
The Context	Industry Connected Program
The Practice	Continuous Evaluation
Evidence of Success	Sponsored research Scholars/ NDF Scholars/AICTE sponsored research scholars
Problems Encountered and Resources Required	Dedicated research Labs

<b>BEST PRACTICE – 2</b>	
Title of the Practice	Focussed Industry Interface strengthening at department level.
Objective of the Practice	Training and placement
The Context	Infosys campus connect program
The Practice	Webinar
Evidence of Success	Student placed in infosys and FEP conducted
Problems Encountered and Resources Required	Connectivity

### Chemical Engineering :-

<b>BEST PRACTICE – 1</b>	
Title of the Practice	Collaboration with other departments of the institute.
Objective of the Practice	To learn the Knowledge in different fields.
The Context	Research
The Practice	Students work on various interdisciplinary fields in collaboration with other departments of the institute.



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Evidence of Success	Two M. Tech students worked in collaboration with Mechanical Engg, published papers in UGC approved journals and successfully completed their degree. Presently the students are enrolled for PhD program in MNIT Jaipur. A Group of Students is working on their minor project under the joint supervision of Prof. Anish (Chemical Engg. Department) and Dr. Anjula Gaur (Applied Science) Recently, a conference was organized with the joint effort of the Department of Chemical Engineering and Biotech Engineering
Problems Encountered and Resources Required	Cooperation & willingness of faculty of other departments for collaboration.

### **BEST PRACTICE – 2**

Title of the Practice	George E. Davis Poster Presentation
Objective of the Practice	To showcase the project work & working models of the students
The Context	Skill Development
The Practice	Poster presentation competition, entitled "George E. Davis Poster Presentation" annually in the Institute premises for Chemical Engineering students.
Evidence of Success	Around 32 posters were presented by different groups of students from 3 <sup>rd</sup> & 4 <sup>th</sup> year. The posters were evaluated by faculty from other departments & this practice was highly appreciated by students & faculty members.
Problems Encountered and Resources Required	-

### **Information Technology :-**

#### **BEST PRACTICE – 1**

Title of the Practice	Allowing Major Project groups to form around learner interest, Continuous assessment of major project by the project Coordinator/Guide
Objective of the Practice	Innovative Projects, Interdisciplinary Projects Received
The Context	Industry Connected Program
The Practice	Continuous Evaluation
Evidence of Success	Promoting Interdisciplinary projects and industry internships. Some of the students have been offered paid internships in reputed companies.
Problems Encountered and Resources Required	-

#### **BEST PRACTICE – 2**

Title of the Practice	Focussed Industry Interface strengthening at department level.
Objective of the Practice	Training and placement



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The Context	Infosys campus connect program
The Practice	Exposure about industrial environment and practices through industry visits, industry elective courses, webinars and training programs.
Evidence of Success	Improved placement rate in Infosys and other reputed IT companies.
Problems Encountered and Resources Required	Connectivity and limited industrial exposure around the city.

### Mathematics and Computing :-

<b>BEST PRACTICE – 1</b>	
Title of the Practice	Department has been established the procedure of periodic review of the curriculum
Objective of the Practice	To achieve the goal of the department and institution mission
The Context	As per the industries requirement in Global scenario
The Practice	Regularly discussion among the departmental faculties in order to exchange ideas, methods for handling the Global challenges as well as real world problems in syllabi
Evidence of Success	-
Problems Encountered and Resources Required	-

<b>BEST PRACTICE – 2</b>	
Title of the Practice	Encourage student faculty interaction
Objective of the Practice	To enable faculty to give students individual attention
The Context	In order to create equal playing level field among slow learner medium learner and fast learner students
The Practice	Periodically one to one students interactions with faculty
Evidence of Success	-
Problems Encountered and Resources Required	-

### Humanities :-

<b>BEST PRACTICE – 1</b>	
Title of the Practice	Spot [E]valuation.
Objective of the Practice	<ul style="list-style-type: none"> <li>• To aware the students about the grades he has secured and help him achieve better grades in future.</li> <li>• To maintain complete accountability of the valuation system where if student has a query the same may be</li> </ul>



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	addressed
The Context	<ul style="list-style-type: none"> <li>• In subject like language a student has to be aware of the marks and grades he has secured so that he can amend his mistakes.</li> <li>• Student is well aware of his performance and also learns how to improve the same in coming semester</li> </ul>
The Practice	The department from a long time now has been in practice of evaluating a students' performance (mat it be Mid Semester, Internal Assessment, end semester practical Exams, <i>viva vocé</i> , and other similar tests) on spot and in full cognizance to the student, so that student is well aware of the grades he/she has been awarded.
Evidence of Success	We are in regular practise of the exercise, and have not received any complaints from students regarding their assessment and grades so far.
Problems Encountered and Resources Required	<p>Nothing to specify as such.</p> <p>The work is carried out by respective teacher at hand and is managed at individual student level so takes time &amp; energy both. We attempt to meet out the same at our level.</p> <p>100% Students turnout when assessing them is needed and is being ensured in upcoming semester.</p>

<b>BEST PRACTICE – 2</b>	
Title of the Practice	Peer Assessment
Objective of the Practice	<ul style="list-style-type: none"> <li>• Make students participate in grading and valuation activity.</li> <li>• To maintain complete accountability of the valuation system where if student has a query the same may be addressed</li> </ul>
The Context	<ul style="list-style-type: none"> <li>• Since the inception of Language Laboratory all laboratory exercises are assessed using <b>Rubrics</b> which are (peer reviewed); not evaluated by teachers but by [fellow] students themselves.</li> <li>• This makes the student conscious as well as learn participating and evaluating in an activity at the same time</li> <li>• A record of the same is maintained in Lab report.</li> </ul>
The Practice	The department from a long time now has been in practice of evaluating a students' performance (mat it be Mid Semester, Internal Assessment, end semester practical Exams, <i>viva vocé</i> , and other similar tests) on spot and in full cognizance to the student, so that student is well aware of the grades he/she has been awarded.
Evidence of Success	We have carried out the exercise in laboratory exercises since the inception of language laboratory in the Department from 2008-09 session and have been using rubrics and peer evaluation
Problems Encountered and Resources Required	Students are more responsive and active while doing this activity, this makes them learn their own faults in spoken skills which they fail to realise while participating in them.



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**Applied Science :-**

<b>BEST PRACTICE – 1</b>	
Title of the Practice	Open ended Questions and Interaction
Objective of the Practice	To enable students to familiarize with application based solutions to the topics discussed
The Context	Subjective
The Practice	Students assigned open ended questions and required to find solutions
Evidence of Success	Most of the students have submitted answers that involve innovation and new idea approach
Problems Encountered and Resources Required	Difficult to interact with all students through online platform with a huge strength. Internet connectivity was an issue.

<b>BEST PRACTICE – 2</b>	
Title of the Practice	Rubrics
Objective of the Practice	To develop a self learning process simultaneously with teaching
The Context	Lab sessions
The Practice	Rubric form was designed which was evaluate dafter lab sessions
Evidence of Success	Most of the students have shown evidences of clear understanding of the lab sessions.
Problems Encountered and Resources Required	Difficult to interact with all students through online platform with a huge strength. Internet connectivity was an issue.

**Architecture :-**

<b>BEST PRACTICE – 1</b>	
Title of the Practice	Reformed Teaching Learning Process
Objective of the Practice	<ol style="list-style-type: none"> <li>1. Student Centric Learning</li> <li>2. Activity-Based Learning</li> <li>3. Project-Based Learning</li> <li>4. Technical Quiz</li> <li>5. Mentoring</li> </ol>



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The Context	<p>As we found a few difficulties in the traditional method of chalk and talk teaching, we have set up the classroom as student-centric namely Reformed Teaching Learning (RTL) process. In this RTL method, the interaction by students has improved considerably.</p> <p>As this new process is connected with activity-based learning such as role-play, students get more space to interact with teachers and classmates. Further, PPTs, Videos, OHPs and short seminars are being used in the RTL method that results in easy understanding of the concepts by students.</p> <p>The RTL method provides detailed learning to students and reduces them to initiate a project on the basis of what they have learned in the classroom.</p> <p>To get in-depth knowledge in subjects, a technical quiz is conducted in each subject which helps students to have specified learning.</p> <p>The teachers meet students periodically, collect the pros and cons of this method and counsel them to remove the difficulties in their academic performance; this method is called 'Mentoring system'; students' personal issues are also discussed and proper guidance and support are provided to ensure the comfort of students in the campus. The primary focus of the RTL method is to give students a wide-ranging knowledge, exceptional creativity, and more comfort and to bring out their hidden potentials into the limelight</p>
The Practice	-
Evidence of Success	Department of Architecture website
Problems Encountered and Resources Required	Lack of internet services in the department.

<b>BEST PRACTICE – 2</b>	
Title of the Practice	Extra Curricular Activities
Objective of the Practice	<ol style="list-style-type: none"> <li>1. Training Programs for 2<sup>nd</sup> and 3<sup>rd</sup>-year students.</li> <li>2. Sports and cultural program:</li> <li>3. Summer soft skills development programs:</li> <li>4. Summer workshops:</li> </ol>



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The Context	<p>The Department conducts a training program for 2<sup>nd</sup> and 3<sup>rd</sup>-year students every year on software training such as Autodesk, Adobe, Microsoft.</p> <p>The Department takes sports and cultural program to provide exposure and boost the hidden talents of the students. Interclass badminton competition in the department held this September. Besides study, the students of all 5 years participate in various cultural programs throughout the year.</p> <p>Due to the stiff competition during placement interviews, students must perform well not only in technical interviews but also in personal interviews. Apart from technical knowledge acquired through the regular curriculum, students should also exhibit soft skills during campus interview and during their career. Soft skills programs are conducted by experts for a week or more than that during first and second semester of second and third year. Students actively participate in these programs and their soft skills are improved. The programs included in a student's development are Problem-solving activities, creativity, professional ethics, personality development.</p> <p>Summer is a time of freedom and hope, where students pause from the daily grind of studying to enjoy the sunshine and some carefree merrymaking. There are summer classes, but many students desire a break from the studies during the days of sunshine and warmth. We have scoured the nation and found some of the most interesting and unique summer opportunities available, and many combine all the elements that make for a great summer break without the thought of falling behind. The program is for 1<sup>st</sup> and 2<sup>nd</sup>-year students, unique and interesting – not just summer classes, and at least four weeks. The recent workshop on Bamboo construction was initiated in the month of May 2019 by the 1<sup>st</sup>-year architecture students.</p>
The Practice	-
Evidence of Success	Department of Architecture website
Problems Encountered and Resources Required	Lack of internet services in the department.

### **BEST PRACTICE – 3**

Title of the Practice	Industrial/Study Tours/Case Study for UG & PG Students
Objective of the Practice	<ol style="list-style-type: none"> <li>1. Undergraduate students</li> <li>2. Postgraduate students</li> </ol>



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The Context	<p>At the end of each semester, students go for a study tour for about a day or a week. In this tour students are accompanied by their mentors. During the tour, students visit various industries or monuments, or landmarks situated across the country. Students are exposed to industrial practices and interact with the persons in the industries. The experts in the industries also deliver lecture to the students. This exposure improved the learning ability of students as they can observe classroom concepts practiced in the industries. The students visit the architectural monuments and structures of Importance and observed the construction, materials and other details.</p> <p>At the end of 1<sup>st</sup> semester, students go for study/industrial tour for about at least a week. In this tour, students are accompanied by their mentors. During the tour, students visit various government officials to understand the process of planning. Students are exposed to the various city project and interact with the different stakeholders involved in the process. The experts in the industries also deliver lecture to the students. This exposure improved the learning ability of students as they can observe classroom concepts practiced in the industries.</p>
The Practice	-
Evidence of Success	Department of Architecture website
Problems Encountered and Resources Required	Supervising faculties for the tour do not get their complete TA/DA bills for reimbursement.

<b>BEST PRACTICE – 4</b>	
Title of the Practice	Green Initiative - Think Green - Swachh Bharat Abhiyan
Objective of the Practice	<ol style="list-style-type: none"> <li>1. Environmental Initiative</li> <li>2. Plantation</li> <li>3. Waste management</li> </ol>
The Context	<p>The Department has adopted following practice Recycling of all old papers / used papers, answer scripts to generate file folders and other utility items Setting up of Effluent treatment plant to generate water for Horticulture Using 50 % of the campus water requirement through rainwater harvesting Windrow Compost: to convert organic waste generated in the campus to organic manure.</p> <p>Every year students along with the garden staff plant trees. Subsequent care is taken by the gardeners. Due to this program over the years the department has become lush and green.</p> <p>Disposing of department's waste responsibly by waste segregation. The department has a 3-bin system for managing Paper, Plastics, and Organic. The students of all year and faculties of department participate responsibly and contribute to "Clean Department Initiative".</p>
The Practice	-
Evidence of Success	3-Bin system in the department and regular plantations in the courtyard.
Problems Encountered and Resources Required	Lack of awareness among students and faculties about the waste segregation.



## MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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<b>BEST PRACTICE – 5</b>	
Title of the Practice	Workshops in the Department
Objective of the Practice	<ol style="list-style-type: none"> <li>1. Active engagement of participants during the workshop</li> <li>2. Modelling effective pedagogy:</li> <li>3. Giving participants time to interact and share experience/knowledge</li> <li>4. Emphasizing practical applications:</li> <li>5. Giving participants time to make progress on a specific task that connects the workshop topic to their teaching:</li> </ol>
The Context	<p>Nothing is deadlier or less effective than a workshop where participants do not participate. The goal is to give people an opportunity to participate actively in every session using a variety of techniques: small group discussion, large group discussion, short problem-solving tasks, and involvement of participants in trying out activities, individual or paired work at the computer, and scheduled thinking and writing time.</p> <p>The most successful workshop sessions are those taught with good pedagogy in mind and that least successful sessions are those where a presenter simply stands up and talks. Be vigilant about how presenters structure sessions with the goal of using effective pedagogy in all sessions.</p> <p>Participants bring valuable experience and ideas to workshops. Structured mechanisms for sharing experiences and expertise must be an integral part of every workshop program. Support this aspect of the program with unstructured social time that supports the development of networks that will last beyond the workshop.</p> <p>An emphasis on practical applications and strategies is an important aspect of effecting change in teaching practice. Workshop participants frequently comment on the value of examples of what works and what doesn't. Future workshops will continue to provide practical examples.</p> <p>Time to work individually during the workshop allows participants to reflect and to make progress on adapting workshop content to their own needs. This can be effectively supported during the workshop by providing opportunities for participants to work one-on-one or in small groups with workshop leaders. Workshop programs will include scheduled work and reflection time for participants.</p>
The Practice	-
Evidence of Success	Departmental record
Problems Encountered and Resources Required	Lack of resources and funds in the department

**60. NEWS PAPER CUTTINGS/ ACHIEVEMENTS COVERED BY MEDIA: NIL**

**Electronics Engineering :-**



**फैकल्टी डेवलपमेंट प्रोग्राम का समापन**

ग्वालियर। एम आई टी एस कॉलेज में टीक्विप 3 के अंतर्गत चल रहे पांच दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम "V/G डिवाइस एंड की इनेवल टेक्नोलॉजी" का आखिरी चरण था। इस कार्यक्रम में डॉ. विजयश्री चौरसिया, एम ए एन आई टी, डॉ. विमल भाटिया, आई आई टी इंदौर, डॉ पी. एल. जाड़े और डॉ. राकेश सिंघई ने कॉग्निटिव रेडियो, स्मार्ट एंटीना, एंड आर्टिफिशियल इंटेलिजेंस इन V/G कम्युनिकेशन पर अपने शोध प्रस्तुत किए। कार्यक्रम के अंतिम दिवस पर डॉ. मृणाल कांति आई आई टी खड़खपुर, डॉ. विश्वजीत मुखर्जी, डॉ. युवराज, डॉ. जी. श्रीकांत रेड्डी, आई आई टी मंडी, और डॉ. एम. बंसल ट्रिपल आईटी डी एम जबलपुर ने आर एफ बीएम फार्मिंग नेटवर्क्स और प्रोटोटाइप वायरलेस सिस्टम्स पर चल रहे शोध के बारे में बताया। इस कार्यक्रम का संचालन पूजा साहू और दीप किशोर परसेडिया ने डॉ. वंदना विकास ठाकरे और डॉ. पी. के. सिंघल के नेतृत्व में किया।

**एमआईटीएस में पांच दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम आयोजित**

**पीपुल्स संवाददाता • ग्वालियर**  
editor@peoplesamachar.co.in

एमआईटीएस कॉलेज में टीक्विप- के अंतर्गत चल रहे पांच दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम '5जी डिवाइस एंड की इनेवल टेक्नोलॉजी' का आज आखिरी चरण था। इस कार्यक्रम में डॉ. विजयश्री चौरसिया एमएएनआईटीए भोपाल, डॉ विमल भाटिया आईआईटी इंदौर, डॉ पीएल



जाड़े और डॉ. राकेश सिंघई ने कॉग्निटिव रेडियो, स्मार्ट एंटीना, एंड आर्टिफिशियल इंटेलिजेंस इन 5जी कम्युनिकेशन पर अपने शोध प्रस्तुत

किए। डॉ. राम विलास पचौरी आईआईटी इंदौर, डॉ. ज्योति सिंघई एमएएनआईटी भोपाल, डॉ. जेके बचानी, जबलपुर और डॉ. सचिन अग्रवाल एनआईटी दिल्ली ने 5जी टेक्नोलॉजी इन टेली मेडिसिन, चैनल लोकेशन इन मोबाइल कम्युनिकेशन, हजी न्यू रेडियो डिजाइन और आरएफ एनर्जी हार्वेस्टिंग के बारे में अपने विचार साझा किए। कार्यक्रम के अंतिम दिवस पर डॉ. मृणाल कांति

आईआईटी खड़खपुर, डॉ. विश्वजीत मुखर्जी, डॉ. युवराज, डॉ. जी. श्रीकांत रेड्डी आईआईटी मंडी, और डॉ. एम. बंसल ट्रिपल आईटीडीएम जबलपुर ने आरएफ बीएम फार्मिंग नेटवर्क्स और प्रोटोटाइप वायरलेस सिस्टम्स पर चल रहे शोध की जानकारी दी। कार्यक्रम का संचालन पूजा साहू और दीप किशोर परसेडिया और आभार विभागाध्यक्ष डॉ. लक्ष्मी श्रीवास्तव ने व्यक्त किया।

**Computer Science & Engineering :-**

**एमआइटीएस में ट्रेनिंग प्रोग्राम**

**मशीन लर्निंग के कई मॉडल समाज की सुविधा में हो रहे उपयोग**

ग्वालियर • एमआइटीएस के कम्प्यूटर साइंस एवं इंजीनियरिंग विभाग में अखिल भारतीय तकनीकी शिक्षा परिषद द्वारा प्रायोजित शार्ट टर्म ट्रेनिंग प्रोग्राम का शुभारंभ हुआ। एप्लाइड कंप्यूटिंग थीम पर आयोजित ट्रेनिंग प्रोग्राम में विभागाध्यक्ष डॉ. मनीष दीक्षित ने मौजूदा हालात में मशीन लर्निंग और आर्टिफिशियल इंटेलिजेंस के दौर में कम्प्यूटर के साथ-साथ मानव मूल्य की बरकरार रखने की प्रक्रिया में चल रहे शोध

की आवश्यकता पर प्रकाश डाला। भारतीय प्रौद्योगिकी संस्थान दिल्ली के प्रोफेसर केके विश्वास ने बताया कि मशीन लर्निंग के कई मॉडल समाज की सुविधा के लिए रिकमंडेशन सिस्टम में उपयोग हो रहे हैं। दूसरे सेशन में भारतीय प्रौद्योगिकी संस्थान जम्मू के प्रोफेसर यमुना प्रसाद ने कोविड-19 पर चल रहे शोध के महत्वपूर्ण अल्गोरिथम की कार्यप्रणाली को पार्टिसिपेंट्स से साझा किया।

**एमआइटीएस में कार्यशाला**

**लर्निंग तकनीक का उपयोग कर मशीन से हो रहा वर्क**

पत्रिका PLUS रिपोर्ट

ग्वालियर • एमआइटीएस के कम्प्यूटर साइंस विभाग की ओर से तीन दिवसीय कार्यशाला की शुरुआत हुई। कार्यशाला का टॉपिक 'ग्लोबली अक्सीलेटिंग इन्फॉर्मेशन कम्प्युनिकेशन एवं इंटेलीजेंट टेक्नोलॉजी' रखा गया। पहले सत्र में विभागाध्यक्ष डॉ. मनीष दीक्षित ने बताया कि लर्निंग तकनीकी का उपयोग कर मशीन से कार्य करवाया जा सकता है। उन्होंने बताया कि आईक्यू नापने के लिए क्रोनोलॉजिकल ऐज एवं मेटल ऐज का उपयोग करके टेरमन एवं बिनेट ने स्केल बनाया, जो बहुत



प्रचलित हुआ। दूसरे सत्र में प्रो. अरुण कुमार ने मशीन लर्निंग द्वारा क्लासिफिकेशन की उपयोगिता पर व्याख्यान दिया। उन्होंने पाइथन लैंग्वेज के द्वारा क्लासिफिकेशन पर प्रैक्टिकल कराए। तीसरे सत्र में प्रो. मीर शाहनवाज ने मीन्स क्लस्टरिंग तकनीकी के फायदे एवं नुकसान बताए। इस अवसर पर संस्थान के निदेशक डॉ. आरके पंडित ऑनलाइन रहे।

**सर्वधर्म प्रार्थना : न छूटे अपने का साथ संक्रमितों को मिले स्वास्थ्य लाभ**

नईदुनिया द्वारा 14 जून की सुबह 11 बजे होगी सर्व धर्म प्रार्थना

ग्वालियर। (नईदुनिया प्रतिनिधि)। कोरोना संक्रमण के इस दौर में हममें से कई लोगों ने किसी न किसी अपने को खोया है। किसी के सिर से पिता का साया हट गया तो कोई ममता की छांव से वंचित हुआ, किसी ने अपने भाई को हमेशा के लिए खो दिया तो किसी के मन में बहन के दुनिया से विदा हो जाने का दर्द बसा हुआ है। नाते-रिश्तेदार, दोस्त, गुरु इन सभी को किसी न किसी ने खोया है। अभी भी कई लोग ऐसे हैं जो इस संक्रमण से जंग लड़ रहे हैं। इस मुश्किल दौर में हम सभी का कर्तव्य है कि एक-दूसरे



का सहारा नमें। अपने-अपने स्तर पर हर कोई यह प्रयास कर रहा है। एक कोशिश हम सब कर सकते हैं और वह है 'प्रार्थना'। नईदुनिया द्वारा 'सर्वधर्म प्रार्थना' आयोजित

की जा रही है। 14 जून की सुबह 11 बजे आयोजित होने वाली इस प्रार्थना के लिए आपको कहीं जाने की आवश्यकता नहीं। आप चाहे अपने कार्यालय में हों या घर पर, आप जहाँ भी हैं वहाँ वो मिनट का मौन रखते हुए ईश्वर से प्रार्थना करना है।

यह प्रार्थना परिचित-अपरिचित, अपने-पराए, जो इस दुनिया में हैं उनके लिए भी और जो इस फानी दुनिया को छोड़कर जा चुके हैं उनके लिए भी होगी। रोगी के बेहतर और जल्दी स्वस्थ होने की प्रार्थना और दिवंगतों को आत्मा की शांति के लिए प्रार्थना तथा इस विषम दौर से गुजरने वाले परिवारों के मांल की प्रार्थना तो हम कर ही सकते हैं।

**एमआइटीएस में नेशनल वर्कशॉप**

**आइओटी से बना सकते हैं फायर अलार्म सिस्टम**

ग्वालियर • एमआइटीएस के कम्प्यूटर साइंस विभाग की ओर से नेशनल वर्कशॉप हुई। इसका टॉपिक 'इंडस्ट्रियल इम्प्लीमेंटेशन पर्सपेक्टिव ऑफ आइओटी रखा गया था। पहले सत्र में प्रो. आंशु 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. खुशबू अग्रवाल ने हैंड ऑन सेशन में बताया कि किस तरह से हम आइओटी में फायर अलार्म सिस्टम बना सकते हैं। साथ ही उन्होंने कार पाकिंग सिस्टम का एक मिनी प्रोजेक्ट भी बनवाया।



**डिवाइस के हिसाब से बदल जाती है लाइब्रेरी**

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



**Chemical Engineering :-**

### छात्रों ने निकाली कोरोना जागरूकता रैली

सिटी रिपोर्टर | एमआईटीएस के राष्ट्रीय सेवा योजना के विद्यार्थियों ने कोरोना संक्रमण को लेकर जागरूकता अभियान चलाया। इसके तहत रैली निकाली गई। यह रैली संस्थान से शुरू हुई और गोले का मंदिर, 7 नंबर चौराहा से होती हुई ग्वालियर व्यापार मेले पहुंची। इस दौरान लोगों को मास्क पहनने के लिए प्रेरित किया गया। साथ ही उन्हें बताया गया कि कोरोना से बचाव के लिए 2 गज की दूरी और मास्क लगाना है जरूरी। नियमों का पालन करके ही कोरोना को रोका जा सकता है। इसलिए इन नियमों का पालन करें।

### रोक कर कहा-मास्क तो पहन लो



ग्वालियर (नप्र)। माधव प्रौद्योगिकी एवं विज्ञान संस्थान के कैमिकल इंजीनियरिंग विभाग से जुड़े स्वयंसेवकों ने रविवार को गोला का मंदिर क्षेत्र में जागरूकता अभियान चलाया। इसमें उन्होंने राहगीरों को कोरोना की स्थिति के बारे में बताया। साथ ही कहा कि अभी कोरोना गया नहीं है, इसलिए संभलकर रहें। शाम के समय उन्होंने सात नंबर चौराहा और व्यापार मेले के मुख्य द्वार भी चलाया।

**Event Pictures:- (NSS Activity)**

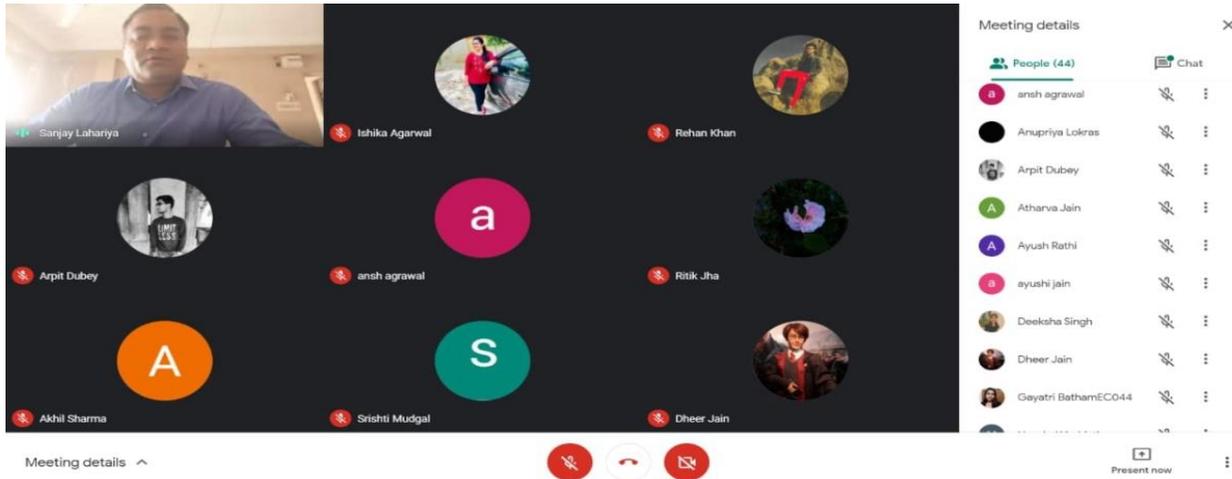




# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV Bhopal)

## Event Picture - Seminar



## Architecture :-





5) 1st-year student, Falguni Toyal has participated in a creative challenge competition and has won the first prize in the junior poetry competition.

4) 2nd-year student, Anvi Doane, Austin Dominic, Shivangi Swamkar, Anusha Verma, Shruvi Pal, Lavanya Kharoli,



**61. NUMBER OF QUALITY INITIATIVES UNDERTAKEN DURING THE YEAR**

Year	Name of Quality Initiative by IQAC	Date of Conducting Activity	Duration (from-to)	Number of Participants
<b>Electronics Engineering</b>				
2021	MoU with Robokriti India Pvt. Ltd., Jabalpur, M.P.	-	01-03-2021 TO 28-02-2024	-
2021	MoU with Hitsavi Electronics LLP, Noida	-	01-03-2021 To 28-02-2024	-
2021	MoU with Smart Control, Gwalior	-	01-03-2021 To 28-02-2024	-
2021	Proficiency Test	Every Sunday since July 2020	July 2022 To July 2021	More than 100



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**62. ACTIVITIES CONDUCTED FOR PROMOTION OF UNIVERSAL VALUES AND ETHICS**

Activity	Date(s)	Duration(from - to)	Number of Participants
<b>Electronics Engineering</b>			
Online One Day Workshop on “Importance of Ethics and Moral Values”	05th February 2021	One day	39
<b>CSE</b>			
Online Poster making competition on world water day:”Awareness Program on save water”	22 March 2021	One day	
No Smoking awareness cum quiz competition	11 March 2021	One day	
Sarva Dhrma Prarthana Sabha	14 June 2021	One day	20

**63. ANY OTHER ACHIEVEMENT OF FACULTY/ STAFF /STUDENTS (NOT COVERED ABOVE)**

**Mechanical Engineering :-**

**SWAYAM/NPTEL:** Nine faculties have got more than 90% score on the basis of their performance in assignment.

Our 20 students from Mechanical engineering and 13 students from Automobile engineering got 100% marks

**Electrical Engineering :-**

- ❖ A Message for Students regarding "INDIA FIGHTS CORONA" MOTIVATIONAL TALK to strengthen Online Teaching Learning Process by **Saurabh Kr Rajput, Asstt. Professor** You-tubeLink- <https://www.youtube.com/watch?v=eXBCkWf45AY>
- ❖ Prof. Kuldeep Kumar Swarnkar Letter of Appreciation of Basic Electrical & Electronics Engineering for session July-December 2020,.
- ❖ Prof. Vishal Chaudhary got Mentor Appreciation Letter for Jan-Apr 2020 semester from NPTEL

**Electronics Engineering :-**

1. **Dr. Vandana Vikas Thakare** Received Certificate of Appreciation of “IETE Chapter MITS” performance during the academic session 2019-2020 on the occasion of MITS Day 10.03.2021(Faculty Advisor)



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2. **Dr. Laxmi Shrivastava** Received Certificate of Appreciation of “Best Annual Performing Index” during the academic session 2019-2020 on the occasion of MITS Day 10.03.
3. **Dr. Pramod Kumar Singhal** Received best examination conduction Certificate of Appreciation during the academic session 2019-2020 on the occasion of MITS Day 10.03.
4. **Prof. Pooja Sahoo** Received Certificate of Appreciation of “ART CLUB MITS” performance during the academic session 2019-2020 on the occasion of MITS Day 10.03.2021(Faculty Advisor, Art club, MITS)
5. **Prof. Pooja Sahoo** Received Certificate of Appreciation in “NPTEL Subject Introduction to Coding Theory” during the academic session 2019-2020 on the occasion of MITS Day 10.03.202
6. **Prof. Pooja Sahoo** Received Top Performing Mentor from “NPTEL in Subject Digital Image Processing” during the academic session 2020.
7. **Dr. Karuna Markam** Received Certificate of Appreciation for FFI 2021.
8. **Dr. Vikas Mahor** Received Certificate of Appreciation for highest FFI during the academic session 2019-2020 on the occasion of MITS Day 10.03.

### Computer Science & Engineering :-

- Conducting Gate 2021 Online Classes under Prerna Scheme, Parul Saxena successfully completed NPTEL-AICTE FDP of 8 week course “Data Base Management System” with a consolidated score of 82% (Elite) Jan-Mar 2021 and declared topper in this course, Parul Saxena, Faculty Coordinator, Dance club, awarded in March 2021 as Best Student Club (Ranked Fifth), during Academic Session 2019-2020. Arun Kumar, Aishwarya and Hemlata Arya was Organizing Committee Member in Second International Conference ICSISCET-2020 organized by Madhav Institute of Technology & Science, Gwalior during 18-19 December 2020. Also, Organizing Committee Member in Online National Workshop Series titled: "Transition from traditional to blended learning: Challenges & Opportunities-I & II" jointly organized by IQAC-Madhav Institute of Technology and Science, Gwalior & Manav Rachna University, Faridabad, Haryana on 23.01.2021 & 30.01.2021.

### Chemical Engineering :-

#### Faculty Doctorate Awards – i) Dr. Pratap Singh

#### NPTEL Certification Exam Performances

S. No.	Name of the Faculty	Name of the NPTEL course/FDP
Year 2020-2021		



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1.	Prof. Anish P. Jacob	Successfully completed 8 weeks NPTEL FDP on “Bio MEMS & Micro Fluidics” with Elite+ Silver Certificate (Sept-Nov-2020)
2.	Prof. Anish P. Jacob	Successfully completed 12 weeks NPTEL FDP on “Fundamentals of Artificial Intelligence” with Elite+ Silver Certificate (Sept-Dec-2020)
3.	Prof. Sulochana Nagar	Successfully completed 8 weeks NPTEL FDP on “Natural Gas Engineering” with Elite+ Silver Certificate (Sept-Nov-2020)
4.	Dr. Rakesh Kumar Dubey	Successfully completed 4 weeks NPTEL course on “Unit Operations of Particulate Matter” with Elite+ Silver Certificate (Sept-Oct-2020)

### Architecture :-

Name of the Staff	Date(s)	Duration (from - to)	Activity
Mrs. Shubhra Shrivastava	25.6.2021 to 26.6.201	02 days	Attended workshop on Hands on Excel and Simulation software organised by Department of EC, MITS, Gwalior
Mrs. Sangeeta Arora	25.6.2021 to 26.6.201	02 days	Attended workshop on Hands on Excel and Simulation software organised by Department of EC, MITS, Gwalior
Mrs. Sangeeta Arora	25.6.2021 to 26.6.201	02 days	Attended workshop on Create, Collaborate & Work Dynamically Google Apps organised by Department of EE, MITS, Gwalior under the IQAC
Mr. Sanjeev Saxsena	25.6.2021 to 26.6.201	02 days	Attended workshop on Hands on Excel and Simulation software organised by Department of EC, MITS, Gwalior
Mr. Vivek Jain	25.6.2021 to 26.6.201	02 days	Attended workshop on Hands on Excel and Simulation software organised by Department of EC, MITS, Gwalior