

Mechanical Engineering Department

Publication 2020 to 2021

S. No.	Name of the Faculty	Title Of the Paper	International/National Journal/Confereee	Vol No/Issue no/Month & Year of publication	ISBN/IS SN No/DOI No.
1	Prof. Amit Dixit	“Effect of wind velocity on Flexible PV panel for Automobile hybridization”	International Conference on Recent Advances in Renewable Energy Sources (RARES 2021)	February 26 – 27, 2021.	
2	Prof. Amit Dixit	“Redesign Of Band Saw Cutting Machine Using Fem Approach”	International Journal Of Innovation In Engineering Research & Management	Vol. 07 Issue VI, August 2020.	
3	Prof. Abhineet Samadhiya	Evaluation and Analysis of Different types of Configuration for Photovoltaic Panels in Three Indian Regions	International Journal of Engineering Sciences & Research Technology	Feb 25 2020	
4	Prof.Vivek Gedam	Impact of Additive Manufacturing on Production Based Industries	International Journal of Machine Design and Manufacturing	Vol. 06 Issue II, December 2020.	
5	Prof.Vivek Gedam	Performance Assessment of B2C E-Commerce Websites using MCDM Approach: A Case Study	International Journal of Production Engineering	Vol. 06 Issue II, December 2020.	

6	Prof. Vivek Gedam	Design and Performance testing of Brown Grass Flower Broom Reinforced Composites	"International e-Conference on Innovations in Engineering & Technology (26-27 Nov 2020)"	AICTE/ICIET/2020/022	
7	Prof. Arun Kumar Sharma	Recent advancements in optimization methods for wind turbine air foil design: A review	Materials Today, Elsevier BV	5 March 2021	DOI10.1016/j.matpr.2021.02.231
8	Prof. Arun Kumar Sharma	ESTIMATION OF SYN GAS PRODUCTION USING DOWNDRAFT BIOMASS GASIFICATION FROM CROP RESIDUES	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	August 2020	ISSN (P): 2249-6890; ISSN (E): 2249-8001 Vol. 10, Special Issue, Aug 2020, 134-142
9	Prof. Trihbuwan Kishore Mishra	Investigation of sliding wear behaviour of Ni-WC microwave cladding	Materials Today: Proceedings	26 (2) 2020	doi.org/10.1016/j.matpr.2020.02.294
10	Prof. Trihbuwan Kishore Mishra	Sliding wear behaviour of thermally sprayed WC-20Cr3C2-7Ni and La2O3 composite coatings	Emerging Materials Research,	2021; 10 (2):	doi.org/10.1680/jemmr.20.00138
11	Prof. Trihbuwan Kishore Mishra	Experimental investigation and study of HVOF sprayed WC-12Co, WC-	International Journal of Refractory Metals and Hard Materials	94, 2021	doi.org/10.1016/j.ijrmhm.2020.105404

		10Co-4Cr and Cr3C2-25NiCr coating on its sliding wear behaviour,				
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Mechanical Engineering Department						
FDP/Conference/Training 2020 to 2021						
S. No	Name of Faculty	Title	Organized by	Date	Venue	Remarks
1	Prof. Amit Dixit	"Recent trend in Energy Conservation Management and Energy Audit"	Under TEQIP-III, RGPV, organized by GGITS, Jabalpur	15/05/2020 to 16/05/2020	GGITS, Jabalpur	RGPV TEQIP – III
2	Prof. Amit Dixit	"PLC Basics, Selection and Programming"	Under TEQIP-III, RGPV, organized by GGITS, Jabalpur	25/05/2020 to 29/05/2020	GGITS, Jabalpur	RGPV TEQIP – III
3	Prof. Amit Dixit	"Composite Materials and Engineering Optimization"	St. Aloysius Institute of Technology Jabalpur.	10.06.2020-11.06.2020	St. Aloysius Institute of Technology Jabalpur.	RGPV TEQIP – III
4	Prof. Amit Dixit	"Sensors Technology"	Maharaja Ranjit Singh Punjab Technical University Bathinda.	2021-2-22 to 2021-2-26	Maharaja Ranjit Singh Punjab Technical University Bathinda.	AICTE Training And Learning (ATAL) Academy Online FDP
5	Prof. Amit Dixit	"Design Thinking"	Gyan Ganga Institute of Technology and Sciences.	2021-06-01 to 2021-06-05	Gyan Ganga Institute of Technology and Sciences.	AICTE Training And Learning (ATAL) Academy Online FDP
6	Prof. Amit Dixit	"Introduction to Software Robots and Automation"	Bharathiar Centenary Memorial Government Women's Polytechnic College	2021-6-7 to 2021-6-11	Bharathiar Centenary Memorial Government	AICTE Training And Learning

					Women's Polytechnic College	(ATAL) Academy Online FDP
7	Prof. Amit Dixit	"3D Printing & Design for Innovative Medical Devices"	Malaviya National Institute of Technology Jaipur	2021-06-28 to 2021-07-02	Malviya National Institute of Technology Jaipur	AICTE Training And Learning (ATAL) Academy Online FDP
8	Prof. Amit Dixit	"The role of Additive Manufacturing in the Era of Industry 4.0"	Chennai Institute of Technology	2021-6-21 to 2021-6-25	Chennai Institute of Technology	AICTE Training And Learning (ATAL) Academy Online FDP
9	Prof. Amit Dixit	International Conference on Recent Advances in Renewable Energy Sources	Engineering College Banswara (Raj.), India	26 – 27, 2021	Engineering College Banswara (Raj.), India	(RARES 2021)
10	Prof. Amit Dixit	3D Printing	Coursera	17/12/2020	Coursera	4 weeks online Training
11	Prof. Amit Dixit	"Hidden Challenges in E-Vehicle Technology"	Gyan Ganga Institute of Technology and Sciences.	5th July 2021	Gyan Ganga Institute of Technology and Sciences.	10th technical lecture of the IETE Jabalpur Expert Talk Series
12	Prof. Manoj Tiwari	"Advancement in Manufacturing Technologies for Industrial Applications"	Gyan Ganga Institute of Technology and Sciences.	24/08/2020 to 28/08/2020	Gyan Ganga Institute of Technology and Sciences.	AICTE Training And Learning (ATAL) Academy Online FDP
13	Prof. Manoj	"Design	Gyan Ganga Institute of	2021-06-01	Gyan Ganga	AICTE

	Tiwari	Thinking"	Technology and Sciences.	to 2021-06-05	Institute of Technology and Sciences.	Training And Learning (ATAL) Academy Online FDP
14	Prof. Manoj Tiwari	"Alternate Fuels"	Gyan Ganga Institute of Technology and Sciences.	2021-06-12 to 2021-06-16	Gyan Ganga Institute of Technology and Sciences.	AICTE Training And Learning (ATAL) Academy Online FDP
15	Prof. Ajay Kongari	"Design Thinking"	Gyan Ganga Institute of Technology and Sciences.	2021-06-01 to 2021-06-05	Gyan Ganga Institute of Technology and Sciences.	AICTE Training And Learning (ATAL) Academy Online FDP
16	Prof. Ajay Kongari	Additive manufacturing in industry 4.0 strategy	NIT, Andhra Pradesh	2021-7-5 to 2021-07-09	NIT, Andhra Pradesh	AICTE Training And Learning (ATAL) Academy Online FDP
17	Arun Kumar Sharma	"Design Thinking"	Gyan Ganga Institute of Technology and Sciences.	2021-06-01 to 2021-06-05	Gyan Ganga Institute of Technology and Sciences.	AICTE Training And Learning (ATAL) Academy Online FDP
18	Arun Kumar Sharma	"Alternate Fuels"	Gyan Ganga Institute of Technology and Sciences.	2021-06-12 to 2021-06-16	Gyan Ganga Institute of Technology and Sciences.	AICTE Training And Learning (ATAL) Academy Online FDP
19	Arun	"Recent trend	Under TEQIP-	15/05/2020	GGITS,	RGPV

	Kumar Sharma	in Energy Conservation Management and Energy Audit"	III,RGPV, organized by GGITS, Jabalpur	to 16/05/2020	Jabalpur	TEQIP – III
20	Prof. Renu Gupta	"Design Thinking"	Gyan Ganga Institute of Technology and Sciences.	2021-06-01 to 2021-06-05	Gyan Ganga Institute of Technology and Sciences.	AICTE Training And Learning (ATAL) Academy Online FDP
21	Prof. Renu Gupta	"Alternate Fuels"	Gyan Ganga Institute of Technology and Sciences.	2021-06-12 to 2021-06-16	Gyan Ganga Institute of Technology and Sciences.	AICTE Training And Learning (ATAL) Academy Online FDP
22	Prof. Renu Gupta	"Recent trend in Energy Conservation Management and Energy Audit"	Under TEQIP-III,RGPV, organized by GGITS, Jabalpur	15/05/2020 to 16/05/2020	GGITS, Jabalpur	RGPV TEQIP – III
23	Prof. Renu Gupta	Industry 4.0 and Smart Manufacturing : Opportunities and Challenges	Under TEQIP-III,RGPV, organized by Dr. B. R. Ambedkar National Institute of Technology, Jalandhar	20 - 24 July, 2020	Dr. B. R. Ambedkar National Institute of Technology, Jalandhar	TEQIP-3
24	Prof Vivek Gedam	"ADVANCEMENT IN MANUFACTURING TECHNOLOGIES FOR INDUSTRIAL APPLICATIONS"	Gyan Ganga Institute of Technology and Sciences	24/12/20 to 28/12/20	Gyan Ganga Institute of Technology and Sciences.	AICTE Training And Learning (ATAL) Academy Online FDP
25	Prof Vivek Gedam	"Alternate Fuels"	Gyan Ganga Institute of Technology and Sciences.	2021-06-12 to 2021-06-16	Gyan Ganga Institute of Technology and Sciences.	AICTE Training And Learning (ATAL) Academy Online

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26	Prof Vivek Gedam	"Applicatons of FEA and CFD in recent innovations in mechanical Engineering"	Technocrats Inst of Technology(Excellence), BHOPAL	2021-06-24 to 2021-06-30	TITE, BHOPAL	AICTE - RGPV, Online FDP
27	Prof. Sudhanshu Atkare	"Recent trend in Energy Conservation Management and Energy Audit"	Under TEQIP-III,RGPV, organized by GGITS, Jabalpur	15/05/2020 to 16/05/2020	GGITS, Jabalpur	RGPV TEQIP – III
28	Prof. Sudhanshu Atkare	"PLC Basics, Selection and Programming"	Under TEQIP-III,RGPV, organized by GGITS, Jabalpur	25/05/2020 to 29/05/2020	GGITS, Jabalpur	RGPV TEQIP – III
29		Workshop on "Metal Cutting and Machining"	ST. ALOYSIUS INSTITUTE OF TECHNOLOGY	25/5/2020 to 19/6/2020		
30	Prof. Sudhanshu Atkare	"Design Thinking"	Gyan Ganga Institute of Technology and Sciences.	2021-06-01 to 2021-06-05	Gyan Ganga Institute of Technology and Sciences.	AICTE Training And Learning (ATAL) Academy Online FDP
31	Prof. Jyoti Soni	"Design Thinking"	Gyan Ganga Institute of Technology and Sciences.	2021-06-01 to 2021-06-05	Gyan Ganga Institute of Technology and Sciences.	AICTE Training And Learning (ATAL) Academy Online FDP
32	Prof. Jyoti Soni	Modelling and Simulation on dynamic systems	NPTEL-AICT	Jan-Mar2021(One week FDP)	NPTEL-AICT	One week FDP
33	Prof. Jyoti Soni	Modelling and Simulation on dynamic systems	NPTEL-AICT	Jan-Mar2021	NPTEL-AICT	8 weeks online Training
	Prof. Jyoti Soni	"Solar PV System Design Using IoT (Phase - II)"	AICTE - ISTE Sponsored	31st March - 8th April, 2021.	Sri Venkateshwar a College of Engineering	1 week
35	Prof Tribhuwan	"Design Thinking"	Gyan Ganga Institute of Technology and	2021-06-01 to 2021-06-	Gyan Ganga Institute of	AICTE Training

	Kishore Mshra		Sciences.	05	Technology and Sciences.	And Learning (ATAL) Academy Online FDP
36	Prof Tribhuwan Kishore Mshra	"Blockchain"	Gyan Ganga Institute of Technology and Sciences.	2021-07-12 to 2021-07-16	Gyan Ganga Institute of Technology and Sciences.	AICTE Training And Learning (ATAL) Academy Online FDP