

A) Summary of Workshop/Seminar/Conference/Training programme Organized

Sr. No	Year	Date(s)	Title of the Activity	Duration (days)	Name of the Coordinator(s)	Speaker
1	2020	13-18 July 2020	Recent trends in heat exchangers (RTHX), (FDP under TEQIP-III)	6	Dr. Prof. B. S. Gawali, Mr. A. S. Patil, Mr. D. B. Pawar	Mr. Ram Jha Mr. Shripad Kulkarni Mr. Hrishikesh Kulkarni Mr. Ajit Patil Dr. R. K. Kulkarni Mr. Lahu Bhosale Dr. N. K. Sane Dr. Neeraj Agarwal Dr. D. V. Ghevade Dr. S. M. Pise Dr. J. D. Patil Dr. Dhanpal Kamble
2		20-25 July 2020	Electro-mechanical system (FDP under TEQIP-III)	6	Dr. Prof. B. S. Gawali, Mr. S. M. Arali, Mr. G. R. Undale	Dr. Suhas Deshmukh Mr. Rahul, Mr. Kushal Mr. Arvind Mr. Ashok Savant Dr. S. N. Teli Dr. S. N. Kore Dr. Ajay Deshmukh Mr. A. M. Mulla Mr. Abhay Deshpande Dr. S. S. Mohite Mr. Manish Patwardhan Mr. Babu Pawar
3		27-31 July 2020	Career Guidance and Counselling program for final year B.Tech Mechanical Engineering Students (Program under TEQIP-III)	5	Dr. Prof. B. S. Gawali, Mr. A. S. Bhandare, Miss. N. S. Nagmoti	Mr. Hemant Gadgil, Mrs. Pallavi Desai, Dr. Ganesh Soni, Mr. Virendra Patil, Mr. Abhinav Balure
4		29 July 2020	Online seminar on “Piping Engineering” in a distance mode	1	Mr. Suhas Jagtap	Mr. Vasant D. Mestry
5		10-14 August 2020	Digital Transformation and Pedagogies(National level workshop under TEQIP III in co-ordination with	5	Dr. Prof. B. S. Gawali, Mr. S. M. Arali, Mr. A. S. Patil	Dr. Anil Sahastrabudhe, Dr. P. M. Khodke, Dr. S. S. Sahastrabudhe, Dr. Vivek Kapoor, Dr.

			GCE, Karad)			Abhay Wagh, Dr. B. B. Ahuja, Dr. P.B. Mane, Ms. K.A. Pujari, Dr. D. N. Maikhede, Dr. Preeti Bajaj, Dr. V. V. Hendre, Dr. D. R. Nandanwar
6		3 October 2020	Finite Element Analysis of Manufacturing Process (In twinning with Jabalpur Engineering College, Jabalpur)	1	Dr. K. H. Inamdar	Dr. Vinod Yadav
7		16 October 2020	Webinar on Introduction to industry 4.0 & Its impact on Indian manufacturing industry	1	Mr. P. A. Mane	Mr. Srinivas Subramanian
8		17 October 2020	National webinar on “Industrial Journey – A walk through” (In twinning with Jabalpur Engineering College, Jabalpur)	1	Mr. R. M. Chanmanwar	Mr. Ravindra G. Nigam
9		21 October 2020	Advance welding technology & career opportunity in advance manufacturing & industry 4.0 – the untold success	1	Mr. J. M. Dabir, Miss. N. S. Nagmoti	Mr. Devendra Gope
10		8 November 2020	Industry Institute Interaction (WCE MESA-MESC activity)	1	Dr. Prof. B. S. Gawali, Mr. P. A. Mane	Mr. Amit Phatak, Mr. Dhairyashil Gaekwad
11		3 November 2020	“HVAC Trends and opportunities” (Sponsored by ISHRAE Kolhapur-Sangli, Subchapter)	1	Dr. B. S. Gawali Mr. G. R. Undale Mr. A. S. Patil	Mr. Ravindra Yadav, Mr. Abhijit Kulkarni, Mr. Amish Madan
12		6 December 2020	Industry Institute Interaction (WCE MESA-MESC activity)	1	Dr. Prof. B. S. Gawali, Mr. P. A. Mane	Mr. Aniruddha Kulkarni, Miss. Shweta Patil
13		11 December 2020	Webinar on Application of Finite Element Analysis in Industry	1	Dr. Maruti M. Khot	Mr. Amol Kusanale

14		29 December 2020	Webinar on Industrial product design	1	Dr. Maruti M. Khot	Mr. Kailas Gurav
15		20 Nov 2020	Industry Consultation Committee (ICC) meeting	73	Mr. S. D. Jagtap	Course head and Industry Experts
16		20 Dec 2020	Program under Seed funding Make in India/Innovation : Design and Development of Cabinet type solar Dryer	20 Dec to 10 March	Mr. S. D. Jagtap	Mr. Arif (A Plus Solution Pvt. Ltd)
17		27 Feb 2021	General Interest Meet INCEPTUS	1	MESA-MESC and Mr. P. A. Mane	
18		27 and 28 March 2021	VERTEX annual technical event	2	MESA-MESC Mr. P. A. Mane	

B) Summary of Workshop/Seminar/Conference/Training programme/Short term course Attended

Sr. No	Date(s)	Duration (days)	Type of Activity	Name of the Faculty/Staff	Title of the Activity	Organized by
1	6 th -22 nd April, 2020	16	TEQIP-III Course (STTP)	Mr. P. A. Mane, Mr. R. M. Chanmanwar, Mr. A. S. Bhandare, Mr. S. D. Jagtap, Dr. K. H. Inamdar, Dr. S. U. Sapkal, Dr. S. V. Gaikwad, Dr. M. M. Khot J. M. Dabir P.D. Maskar, Mr. V. V. Dhende, Mr. A. B. Admthe	Digital Transformation in Teaching Learning Process	IIT, Bombay
2	24 th April, 2020	1	Awareness Programme	Mr. S. M. Arali	MaTPO COVID-19 Awareness Programme	MaTPO in association with RIT, Sakharale
3	30 th April, 2020	1	Quiz	Mr. S. M. Arali, Mr. V. V. Dhende, Dr. K. H. Inamdar, Dr. S. V. Gaikwad, P.D. Maskar, Mr. V. V. Dhende, A. B. Admthe	COVID-19 Awareness Online Quiz	Walchand College of Engineering, Sangli-Maharashtra.
4	03 rd -09 th May, 2020	7	Faculty Development Program	Mr. S. M. Arali	Spoken Tutorial Technology	Jhulelal Institute of Technology, Nagpur in Association with Spoken Tutorial IIT Bombay
5	4 th May, 2020	1	Faculty Awareness Program	Mr. S. M. Arali	NBA accreditation and Outcome Based Education	ATS SBGI, Miraj

					(OBE)	
6	22 nd May, 2020	1	Webinar	Mr. A. S. Bhandare, Mr. S. M. Arali, P.D. Maskar, Mr. V. V. Dhende, Miss. N. S. Nagmoti & Mr. G. R. Undale	Intellectual Property Rights Process	Sanjay Bhokare Group of Institutes, Miraj
7	23 rd May, 2020	1	Webinar	Mr. A. S. Bhandare, Mr. S. M. Arali, Mr. V. V. Dhende, Miss. N. S. Nagmoti & Mr. G. R. Undale	Basics of AI and Machine Learning & a Few Real Life Examples	MaTPO and WCE, Sangli
8	25 th May, 2020	1	Webinar	Mr. A. S. Bhandare	Impact on Youth before & after COVID-19	MaTPO
9	25 th May, 2020	1	Training Program	Mr. A. S. Bhandare, Mr. S. M. Arali, P.D. Maskar	How to Balance Academics and Administrative Work	SkillsSlate, Pune
10	25 th -29 th May, 2020	5	Faculty Development Program	Mr. D. B. Pawar	Promoting Quality Culture in Technical Institutions	AISSMS College of Engineering, Pune
11	25 th -30 th May, 2020	6	Faculty Development Program	Mr. S. M. Arali, Mr. V. V. Dhende, Miss. N. S. Nagmoti & Mr. G. R. Undale, P.D. Maskar	Python3.4.3	under Spoken Tutorial Project, IIT Bombay, funded by NMEICT, Ministry of Human Resources and Development (MHRD), Govt. of India (GOI) remotely organized by Pune Vidyarthi Griha's College of Engineering and

						Technology, Pune
12	27 th -31 st May, 2020	5	TEQIP-III Online Short-Term Training Program	Mr. A. S. Bhandare, Mr. S. M. Arali, P.D. Maskar, Mr. V. V. Dhende , Miss. N. S. Nagmoti & Mr. G. R. Undale	Life Cycle Analysis for Sustainability	Engineering College, Bikaner
13	30 th May, 2020	1	Webinar	Mr. S. M. Arali	Career Prospects in Mechanical Engineering after Covid -19	Daulatrao Aher College of Engineering, Karad
14	1 st -5 th June, 2020	5	Faculty Developme nt Program	Mr. S. M. Arali	Problem Based Learning	JSPM's Rajarshi Shahu College of Engineering, Pune
15	1 st -5 th June, 2020	5	ISTE approved Faculty Orientation Programme	Mr. S. M. Arali	Recent Advances in Modeling and Optimization Techniques	Sharad Institute of Technology College of Engineering Yadrav- Ichalkaranji
16	4 th June, 2020	1	Webinar	Mr. S. M. Arali, Miss. N. S. Nagmoti & Mr. G. R. Undale	Renewable Energy, Vibration, Contact Management Strategies,	Sinhgad Academy of Engineering, Pune
17	5 th June, 2020	1	Webinar	Mr. S. M. Arali	Biodiversity	On occasion of 'World Environment Day' by WCE, Sangli on June 5, 2020
18	5 th June, 2020	1	Webinar	Mr. S. M. Arali, P.D. Maskar	Emotional Health in Corona Pandemic	YSPM's, Yashoda Technical Campus, Satara
19	8 th -12 th June, 2020	5	STTP	Mr. S. M. Arali, P.D. Maskar, Miss. N. S. Nagmoti & Mr. G. R.	Vibration Control of Rotating Machines	Under Lead College Scheme of Shivaji

				Undale		University, Kolhapur organised by ADCET, Ashta
20	8 th -12 th June, 2020	5	TEQIP-III Short-Term Training Program	Mr. D. B. Pawar, Mr. S. M. Arali	Manufacturing Practices and Industry 4.0	Engineering College, Bikaner
21	9 th -13 th June, 2020	5	Faculty Development Program	Mr. S. M. Arali	Stepping towards Problem and Project Based Learning for Academic Excellence	KIT's College of Engineering, Kolhapur
22	10 th June, 2020	1	Webinar	Mr. S. M. Arali, Mr. G. R. Undale	FLOWNEX, Thermodynamic Design, Modeling, Simulation, Analysis & Optimization Software	IndiaSoft Technologies (P) Ltd
23	11 th -12 th June, 2020	2	Workshop	Mr. S. M. Arali	Outcome Based Education, NBA Approach	Dr. Vithalrao Vikhe Patil College of Engineering Ahmednagar
24	20 th June, 2020	1	Webinar	Mr. D. B. Pawar	5S Methodology for Lean Manufacturing	LLAGT, Maharashtra, India
25	22 nd June, 2020	1	Quiz	Mr. S. M. Arali	Fluid Mechanics	V. P. Dr. Halakatti College of Engineering & Technology, Vijaypur, Karnataka
26	22 nd June, 2020	1	Quiz	Mr. S. M. Arali	Thermal Engineering	Girijabai Sail Institute of Technology, Karwar, Karnataka
27	22 nd -27 th June, 2020	6	Faculty Development Programme	Mr. S. M. Arali	Transformation in Engine Technology (BSIV to BSVI) & Electric Vehicle	Anjuman College of Engineering and Technology, Nagpur

28		1	quiz	Dr. K. H. Inamdar	Quiz on COVID-19 AWARENESS	National Service Scheme Team, Trinity College of Engineering & Research, Pune
29	April 28, 2020.	1	Webinar	Dr. S. U Sapkal	Developing Thinking Abilities Relevant for Engineering Education	Face Prep Help
30	May 11-15, 2020.	7	One week Online FDP	Dr. S. U Sapkal	“LATEX”	Bharati Vidyapeeth’s College of Engineering for Women, Pune
31	June 8-14, 2020	7	One week Online FDP	Dr. S. U Sapkal	Open Source Tools for Research	Ramanujan College, University of Delhi
32	June 14, 2020	1	Training Course	Dr. S. U Sapkal	Mendeley	Shiva Institute of Pharmacy, Bilaspur on .
33	April 30, 2020.	1	webinar	Dr. S. U Sapkal	Importance of Association with Professional Societies for Outcome-Based Education	Walchand College of Engineering, Sangli, Maharashtra, on
34	May 18-22, 2020	7	One week Online FDP	Dr. M. M. Khot	Research Methodology Tools & Techniques	IILM College of Engineering & Technology
35	May 25-29, 2020	7	One week Online FDP	Dr. M. M. Khot	Outcome Based Education and Accreditation	IILM College of Engineering & Technology
36	May 23, 2020.	1	Workshop	J. M. Dabir, Mr. A. B. Admuthe	Effective and Efficient Online Teaching in the Age of Corona	Teaching Learning Centre (ICT) at IIT Bombay
37	June 04, 2020.	1	Webinar	J. M. Dabir	Outcome Based Education Software	vmedulife software services
38	May 29, 2020.	1	Quiz Competition	J. M. Dabir	Introduction to Machine Learning	Smt. Kashibai Navale College of Engineering, Pune
39	June 1-5, 2020.	7	One week Online FDP	J. M. Dabir	Engineering Education & the Industry: A Post COVID-19 Perspective	Rajiv Gandhi Institute of Technology, Mumbai
40	May 13-	7	One week	J. M. Dabir	Moodle:	Sinhgadh

	17, 2020		Online FDP		Learning Management System (LMS)	Institutes, Pune
41	June 8-13, 2020	7	TEQIP-III sponsored one week online FDP	B. N. Naik	Recent Advances In Mechanical Engineering	S. G. S. Institute of Technology and Science, Indore (MP)
42	June 1, 2020.	1	Webinar	P.D. Maskar, Miss. N. S. Nagmoti & Mr. G. R. Undale	Robotics	Star Certification
43	May 27-29, 2020	3	Online FDP	P.D. Maskar	Acoustics Engineering - An Effective Use of Sounds & Vibrations	Dr. Babasaheb Ambedkar Technological University, Lonere
44	April 2020		Participated	Mr. S. D. Jagtap	Kavach Sanitization Tunnel	Walchand College of Engineering, Sangli
45	April 2020		Participated	Mr. S. D. Jagtap	Sanitization Sprayer	Walchand College of Engineering, Sangli
46	April 2020		Participated	Mr. S. D. Jagtap	Automatic Fogger	Walchand College of Engineering, Sangli
47	May 19, 2020	1	Quiz	Mr. V. V. Dhende	NBA accreditation and Outcome Based Education (OBE)	ATS SBGI, Miraj
48	May 13, 2020	1	training course	Miss. N. S. Nagmoti	self-paced training course on Matlab Onramp	Mathworks training services
49	May 12 - 17, 2020	6	Global online Proficiency Improvement Programme	Miss. N. S. Nagmoti	Global online Proficiency Improvement Programme (oPIP) on "vehicle dynamics and control with MATLAB"	ARAI, Pune in collaboration with Mathworks, AKAR International Pte. Ltd, Singapore & RIT Sangli
50	May 25, 2020.	1	webinar	Miss. N. S. Nagmoti & Mr. G. R. Undale	How to Balance Academics and Administrative Work	SkillSlate, Pune
51	June 5, 2020	1	webinar	Miss. N. S. Nagmoti & Mr. G. R. Undale	Biodiversity	WCE, Sangli
52	June 5,	1	webinar	Miss. N. S.	Emotional Health	YSPM's,

	2020			Nagmoti & Mr. G. R. Undale	in Corona Pandemic	Yashoda Technical Campus, SATARA
53	June 6-12, 2020.	6	webinar	Mr. S. M. Arali, Miss. N. S. Nagmoti & Mr. G. R. Undale, P.D. Maskar	Material, Design and Testing Webinar Series	Pimpri Chinchwad College of Engineering, Pune
54	June 11-15, 2020	6	webinar	Miss. N. S. Nagmoti & Mr. G. R. Undale, P.D. Maskar,	Noise, Vibration and Harshness	Pimpri Chinchwad College of Engineering, Pune
55	June 1 – 5, 2020	5	webinar	Miss. N. S. Nagmoti, J. M. Dabir	Engineering Education & the Industry: A post COVID 19 perspective	RGIT, Mumbai in association with Indian institute of Industrial Engineering
56	June 6-10, 2020	one week	FDP	Miss. N. S. Nagmoti & Mr. G. R. Undale	Product Design & Novelty	Department of Mechanical Engineering, Dr Vithalrao Vikhe Patil College of Engineering Ahmednagar, Maharashtra
57	June 10, 2020	1	webinar	Miss. N. S. Nagmoti & Mr. G. R. Undale	How to write Research Manuscript: Current Protocols	LLAGT, Maharashtra, India
58	June 15-21, 2020	one week	FDP	Miss. N. S. Nagmoti	Future Materials: Nanocomposites	Bharati Vidyapeeth (Deemed to be university) COE, Pune
59	05th June 2020	1	webinar	Miss. N. S. Nagmoti & Mr. G. R. Undale	Biodiversity of Maharashtra	Government College of Engineering, Nagpur
60	06th June 2020	1	webinar	Miss. N. S. Nagmoti	Sustainable Development for Atmanirbhar Bharat	Government College of Engineering, Nagpur
61	June 6 - 12, 2020.	one week	FDP	Mr. G. R. Undale	Exploring the Dimensions of Innovation, Incubation and Emerging Technologies to Embrace Post COVID Changes	Department of Mechanical Engineering

62	June 12-16, 2020	5	webinar	Mr. G. R. Undale	AutoCAD 2D Basics	Department of Mechanical Engineering, Kolhapur Institute of Technology's, College of Engineering (Autonomous), Kolhapur
63	May 25, 2020	2 weeks	Distance learning program	Mr. A. B. Admuthe	Practical course and guidelines on Uncertainty of Measurement	Training and Capacity Building (TCB) Division, Quality council of india
64		8 weeks		Mr. A. B. Admuthe	Students Psychology	Swayam
65	6th July, 2020	1	webinar	Miss. N. S. Nagmoti & Mr. G. R. Undale	Artificial Intelligence (AI) and Machine Learning (ML)	Let's learn and grow together organization
66	7th July, 2020	9 week	Course	Miss. N. S. Nagmoti	Introduction to programming with MATLAB	authorized by VANDERBILT University and offered through coursera
67	13th July, 2020	1	webinar	Miss. N. S. Nagmoti & Mr. G. R. Undale	8D Problem Solving Methodology	Let's learn and grow together organization
68	25th June, 2020	1	webinar	Miss. N. S. Nagmoti & Mr. G. R. Undale	Industrial Internet Of Things (IIOT)	Department of Mechanical Engineering, Angadi Institute of Technology and Management, Belagavi
69	11th July, 2020	8 weeks	Course	Mr. J. M. Dabir	Social Psychology	authorized by W Wesleyan university and offered through coursera
70	19 th July, 2020	1 week	FDP	Mr. S. V. Gaikwad	Role of Materials and processing in	Department of Mechanical Engineering,

					additive manufacturing: 3D printing to industry 2020	GLA university, Mathura in association with Indian Institute of metals (IIM), Mathura chapter
71	April 30, 2020	1	webinar	Mr. S. U. Sapkal, Miss. N. S. Nagmoti & Mr. G. R. Undale, Mr. J. M. Dabir	“Emerging Processes in Product Design and Development”	Dassault Systems La Foundations
72	14 May, 2020	1	webinar	Mr. S. U. Sapkal, Miss. N. S. Nagmoti & Mr. G. R. Undale, Mr. J. M. Dabir	“ Low frequency NVH Fundamentals and industrial applications”	Dassault Systems La Foundations
73	21 May, 2020	1	webinar	Mr. S. U. Sapkal, Miss. N. S. Nagmoti & Mr. G. R. Undale, Mr. J. M. Dabir	“Integrated systems and innovation in defense”	Dassault Systems La Foundations
74	28 May, 2020	1	webinar	Mr. S. U. Sapkal	“Rural eco system: Gold mine of opportunities for students to make a mark”	Dassault Systems La Foundations
75	4 June, 2020	1	webinar	Mr. S. U. Sapkal	“Transforming Infrastructure industry” Opportunities for students of all streams”	Dassault Systems La Foundations
76	11 June, 2020	1	webinar	Mr. S. U. Sapkal, Mr. J. M. Dabir	“Create your future through impactful Project”	Dassault Systems La Foundations
77	13 June, 2020	1	webinar	Mr. S. U. Sapkal	“Professional outlook necessary to make your Project ‘attract industry attention””	Dassault Systems La Foundations
78	25 June, 2020	1	webinar	Mr. S. U. Sapkal	“Applications of AI and ML	Dassault Systems La

					in core engineering streams”	Foundations
79	18 June, 2020	1	webinar	Mr. S. U. Sapkal	“Launching new product in 100 days from concepts to manufacturing”	Dassault Systems La Foundations
80	9 July, 2020	1	webinar	Mr. S. U. Sapkal, Mr. J. M. Dabir	“ Factory automation and manufacturing automation”	Dassault Systems La Foundations
81	16 July, 2020	1	webinar	Mr. S. U. Sapkal	“Additive manufacturing and upcoming advances in this domain”	Dassault Systems La Foundations
82	23 July 2020	1	webinar	Mr. S. U. Sapkal, Mr. J. M. Dabir	“Career prospects for fresh engineers in electric vehicles domain and how to be industry ready for it”	Dassault Systems La Foundations
83	6 Aug, 2020	1	webinar	Mr. S. U. Sapkal, Mr. J. M. Dabir	Concluding session	Dassault Systems La Foundations
84	31 July, 2020	1 day	webinar	Mr. P. A. Mane , Mr. G. R. Undale	Refrigeration and Air conditioning using Flownex Simulation Software	Indiasoft Technologies Pvt. Ltd.
85	24 July, 2020	1 day	webinar	Mr. P. A. Mane , Mr. G. R. Undale	Thermodynamics using Flownex Simulation Software	Indiasoft Technologies Pvt. Ltd.
86		1 day	webinar	Mr. P. A. Mane	Big data and covid 19: Technologies and applications	Maharishi International University, US
87	3 Aug, 2020	1 day	webinar	Miss. N. S. Nagmoti	How to write a good research project proposal for getting grant	LLGT webinar series
88	10 Aug, 2020	1 day	webinar	Miss. N. S. Nagmoti	How to use Microsoft teams application effectively for education	LLGT webinar series

89	29 July, 2020	2 days	webinar	Miss. N. S. Nagmoti	Finite Element Simulations with SIMULIA Abaqus – Lecture series 1&2	Department of Mechanical Engineering, Parul Institute of Engineering and Technology, Parul university
90	July 20-25, 2020	1 week	FDP	Mr. S. U. Sapkal, Mr. J. M. Dabir, Mr. G. R. Undale, Miss. N. S. Nagmoti, Mr. M. M. Khot	Organized One Week FDP on “Electro-Mechanical Systems ”	Department of Mechanical Engineering, Walchand College of Engineering, Sangli - 416 415.
91	July 27-31,2020	1 week	Program	Mr. M. M. Khot Mr. J. M. Dabir, Mr. G. R. Undale, Mr. S. M. Arali	“Career Guidance and Counselling Program for Final year B.Tech Mechanical Engineering”	Department of Mechanical Engineering, Walchand College of Engineering, Sangli - 416 415.
92	August 26, 2020	5 week	Course	Mr. G. R. Undale	“Introduction to Solar Cells” 5 weeks course on Coursera with grade 96.94%	Technical University of Denmark(DTU)
93	August 28, 2020	6 week	Course	Mr. G. R. Undale	Foundations of Artificial Intelligence (AI) Program (Prime) with 94% Overall Score Certificate ID Number: baa9d6742b1649589a4ec0e686a3ce63	SSC NASSCOM FutureSkills and Skillup online
94	08th June to 12th June 2020	5 days	FDP	Mr. G. R. Undale	One week Online Faculty Development Program (FDP) on “Exploring	Hope Foundation’s Finolex Academy of Management &

					the Dimensions of Innovation, Incubation and Emerging Technologies to Embrace Post COVID Changes”	Technology, Ratnagiri
95	23rd July, 2020	1 week	course	Mr. G. R. Undale	“Learn to Design your own Solar Home System” with score 87.5%	Energy Swaraj Foundation in Association with AISSMS College of Engineering, Pune
96	26th July, 2020	5 weeks	course	Mr. G. R. Undale	“Solar Energy Basics” 5 weeks course on Coursera with grade 95%	State University of New York
97	26th July, 2020	5 weeks	course	Mr. G. R. Undale	“Introduction to Artificial Intelligence” 5 weeks course on Coursera with grade 93%	IBM
98	31st July 2020	5 days	course	Mr. J. M. Dabir	Short term management course	E-learning college
99	25 th Aug, 2020	2 days	course	Mr. J. M. Dabir	Latest trends in cutting tools and force measurement using math lab	Kennametal Inc
100	17 th Sept 2020	1	webinar	Mr. J. M. Dabir	ConnectNext Conference	Dassault systems
101	5 th Sept 2020	1	FDP	Mr. J. M. Dabir	Interfaces in EPC Project	WCE and SIT
102	24 th August 2020	6	STTP	Mr. J. M. Dabir, Mr. K. H. Inamdar	Recent trends in cutting tool technology and force measurement using MATLAB	D.K. T. E Ichalkaranji
103	10 th August 2020	5	National level workshop	Mr. J. M. Dabir, Mr. M. M. Khot	Digital Transformation and Pedagogies	GCE karad and WCE Sangli
104	9th September 2020	5	FDP	Miss. N. S. Nagmoti	Mechanics of Composite Materials and	AICTE ATAL

					Structures	
105	1 st June 2020	1	webinar	Mr. P. A. Mane	Engineering the Thought Process	Vaave
106	3 october 2020	3	National level quiz competition	Mr. G. R. Undale	National level quiz competition in automobile engineering	VTC Patgaon
107	24- 25 september 2020	2	Workshop	Mr. R. M. Chanmanwar	Outcome Based Education: A special emphasis on attainment of higher order POs	WCE Electronics Engineering Department
108	26-28 November 2020	3	Online short term course	Mr. P.D. Maskar, Mr. V. V. Dhende, Miss. N. S. Nagmoti	Industrial Noise and Vibration Control	IIT Indore
109	26-27 February 2021	2	International conference	Dr. S. U. Sapkal	International conference on innovation in Mechanical Engineering (ICIME - 2021)	Guru nanak Institutions
110	11 November 2020		Swayam Online Course	Mr. A. B. Admuthe	Swayam Online Course on Student Psychology	NITTTR Chennai
111	24 to 29 August 2020	7	STTP	Dr. K. H. Inamdar	Recent trends in cutting tool technology and force measurement using MATLAB	D.K.T.E. Socirty's Textile and Engineering Institute, Ichalkaranji
112	12 to 27 December 2020	3	Skill development workshop	Dr. B. S. Gawali	Skill development workshop (online) on Thermal Design of Electronics equipment	IIT, Bombay
113	4-5 september 2020	2	International conference	Dr. S. U. Sapkal	International conference on artificial intelligence and machine learning	ACAIRS, ICAML 2020

					(ICAML 2020)	
114	20 May 2020	1	webinar	Dr. K. H. Inamdar	Webinar on use of online resources in teaching and learning process	Department of chemistry UKA TARSADIA university
115	14 Dec 2020	1	BOS Meeting	Dr. K. H. Inamdar	Mumbai University BOS Meeting attended	Mumbai University
116	5 February 2021	1	Webinar	Mr. G. R. Undale	Webinar on “Design, modeling and simulation of Solar Thermal, Solar PV & PVT Hybrid Systems” using “POLYSUN Simulation Software”	IndiaSoft Technologies (P) Ltd., Pune
117	19-21 February 2021	3	Workshop	Mr. G. R. Undale	“Pedagogy Workshop on Teaching Thermodynamics”	Offered by Indian Institute of Technology Bombay. A joint initiative by TEQIP-III KITE, PPCCLT (IIT Bombay) and Teaching Learning Centre (ICT) under PMMNMT T, MoE, Govt. of India.
118	4 to 6 March 2021	3	National Level Programme	Mr. S. U. Sapkal	‘Reforms in Technical Education: Perspective of National Education Policy’	Sardar Patel College of Engineering, Mumbai and REC, Rewa in collaboration with IIIE and SAEINDIA Western Section
119	5 to 7	3	2 nd	Mr. S. U.	Presented paper	Department of

	August 2020		International Conference on future learning aspects of Mechanical Engineering	Sapkal	in FLAME 2020	Mechanical Engineering. Amity school of Engineering and technology
120	26 and 27 Feb 2021	2	4 th International Conference on Innovations in Mechanical Engineering (ICIME 2021)	Mr. S. U. Sapkal	Presented paper in ICIME 2021	Guru Nanak Institutions, Ibrahimpatanam, Telangana
121	22 to 27 March 2021	6	AICTE Sponsored Short Term Training Programme (STTP)	Mr. P. A. MANE	online Short Term Training Programme - Phase II on "Electric Vehicle Evolution - Impact on Power Grid"	Department of Electrical and Electronics Engineering, Sri Venkateswara College of Engineering

C) Summary of Guest/Expert lectures arranged/hosted

Sr. No.	Date(s)	Topic of the Guest Lecture/Expert Talk	Name of the Guest/Expert Faculty	Name of the Organization Guest/Expert	Name of the Coordinator(s)
1	11 Nov. 2020	HVAC for commercial building	Dr. Sandesh S. Chougule		Dr. B. S. Gawali
2	14 Dec. 2020	Rapid prototyping [3D printing]	Mr. Vikas Randive	Partner-DigiPro 3D Pune	Prof. J. M. Dabir
3	18 Dec. 2020	Vibration Measuring instruments	Dr. Samir B. Kumbhar	RIT Islampur	Prof. N. S. Nagmoti
4	19 Dec. 2020	Operation management in manufacturing	Mr. A. B. Nene	Mahindra CIE Magnetic Products division, Pune	Prof. P.A. Mane
5	24 Dec. 2020	Rotor Dynamics using FEM	Mr. Sanket Modi	KSB Tech, Pune	Dr. M. M. Khot
6	23 Dec. 2020	GATE Preparation strategies for mechanical Engg. Students	Mr. Shankar Wadne	Freelance faculty for many institutes	Prof. P. D. Maskar
7	24 Dec. 2020	Importance of German as a foreign language and career opportunities in Germany and other EU countries	Mr. Dusmanta Kumar Chakra	Goethe Institute, Pune	Prof. J. M. Dabir
8	30 January 2021	Guest session on Entrepreneurship	Mr. N. S. Sane	Partner in manufacturing firm (Engitec Specialities), Partner in trading firm (Tecsapply)	Prof. P.A. Mane
9	6 February 2021	Automotive product design and development	Mr. A. G. Joshi	Head CAE at TATA Technologies	Prof. P.A. Mane

D) Summary of the Lectures delivered as a Resource Person

Sr. No.	Date(s)	Name of the Faculty	Topic of the Lecture Delivered	Details of the Organization
1	10 Nov 2020	Dr. B.S. Gawali	Application of Cryogenics: Plus tube coolers	Mechanical Engineering Department Government College of Engineering, Karad.
2	24 October and 31 October 2020	Dr. B.S. Gawali	“An Introduction to Computational Fluid Dynamics”	Shri Gajanan Shikshan Sanstha’s Shri Sant Gajanan Maharaj College of Engineering, Shegaon

E) Summary of the Prize(s) /Award(s) / Patent(s) belonging to Mech. Dept.

Sr. No.	Date(s)	Name of the Recipient	Details of the Prize/Award received	Name of the Event	Name of the Organization
1	26 th June 2020	Prateek D. Malwe (PHD Scholar)	Achieved Rank 1 (received e-certificate) in A National Level Online Quiz competition on “Basics of Refrigeration & Understanding VCC Cycle”	A National Level Online Quiz competition on “Basics of Refrigeration & Understanding VCC Cycle”	ISHRAE Nashik Chapter,
2	17 th Sept 2020	Rahul Chanmanwar	Certificate of appreciation to be a guide for a project FATBot- autonomous field bot which was amongst the top 100 projects display to industries under ConnectNext national conference organised by Lafoundation dassault systems	ConnectNext national conference	La foundation dassault systems
3		Kaivalya Kedarnath Joshi	UPSC CDSE All India Rank 112	CDSE	UPSC
4	15 Dec 2020	Prateek D. Malwe (PHD Scholar)	Best paper award by the jury in technical session “optimization in mechanical system” for the conference ICETMDE-2020	ICETMDE-2020	Life Way Tech (LWT) India
5	November 2020.	Kaivalya Khadilkar	Old Guard Oral Competition Finals were held virtually on 14th and 15th November. presented our project "Design and Development of Farm Automation System for Small Agricultural Lands" and won the Third Prize.	Old Guard Oral Competition Finals a part of ASME International Mechanical Engineering Congress and Exposition (IMECE), 2020	ASME
6	Aug. 2020	Team Efficycle 2020 (Participants- Prajwal honkalas, Pallavi dingare, yash ubhate, Asmita jagtap n 8 others)	1. Overall AIR 8 th rank 2. AIR 5 th in Technical Inspection, Design, CAE, DVP and DFMEA reports 3. AIR 8 th in B plan and cost report 4. AIR 4 th in organizing committee review	Efficycle 2020 virtual event for the year 2020-21 which include Design & CAE, cost presentation,	SAE Efficycle 2020

				sales presentation	
7	2020	S. U. Sapkal	Contributed as JURY member in ‘Internal Hackathon for smart India Hackathon 2020’	Internal Hackathon for smart India Hackathon 2020	MHRD, MIC, AICTE, Persistent and many more
8	Jan 2021	S. D. Jagatap, R. M. Chanmanwar and others	Wireless realtime temperature monitoring system for molten metal in green sand moulding	Patent Filled	IPR
9	12 and 13 March 2021	Mr. Suhas More (PRN-2020MTEMEPR006 M.Tech Production student)	achieved two medals: 1. SILVER [fight] 2.BRONZE [Individual katta] in INTERNATIONAL JUNIOR KARATE CHAMPIONSHIP 2021 at NEPAL.	INTERNATIONAL JUNIOR KARATE CHAMPIONS HIP 2021	NSKA Thamel Branch DOJO Club

Any Other

H) Summary of Workshop/Seminar/Conference/Training programme/Short term course Attended (by Student's) :-

Sr. No.	Date(s)	Duration (days)	Name of the Participating Student	Name of the Coordinating faculty	Title of the Activity	Organized by
1	2019-20 to 2021-22 up to 30 th June 2022	2 years	Accreditation provided to mechanical department		NBA accreditation	WCE Sangli
2	28 April to 26 May 2020	1 month	Pranali Gaikwad, Nishigandha Mali, Shreyas Bhujbal (Final year BTech Students)		Completed Vocational training program at Tata Steel Ltd., Jamshedpur	Shavak Nanavati Technical Institute, TATA Steel Ltd., Jamshedpur
3	November 2020		Mr. Kaivalya khadilkar (Final year BTech Student)	Prof. Rahul Chanmanwar.	Dennis Armstrong Chair, Old Guard Committee ASME, has invited to present B.Tech project (FarmBot) at final competition at Fall ASME IMECE at ASME conference will be held at USA, (The FarmBot project was sponsored by La Fondation of Dassault Systems)	ASME committee
4	11-05-20 to 15-05-20	05	Mahmadrafik S. Choudhari (PHD Scholar)	-	One Week STTP on Advanced Research Methodology	REST Society for Research International (RSRI)
5	31-05-20	01	Mahmadrafik S. Choudhari (PHD Scholar)	-	Art of writing research/review articles for publishing in peer-reviewed	ACE International Pte. Ltd., Singapore

					journals	
6	13-07-20 To 18-07-20	06	Mahmadrafik S. Choudhari(PHD Scholar)	Prof. Dr. B. S. Gawali	Recent trends in heat exchangers	WCE, Sangli
7	9 May 2020	1	Nandkishor Sheshrao Deshmukh(PHD Scholar)		Writing Literature review article: Weekend	Cape Institute of Technology Levengipuram
8	15 – 21May 2020	7	Nandkishor Sheshrao Deshmukh(PHD Scholar)		Renewable energy sources: A way Ahead	Cummins college of engineering for women s Nagpur
9	11 – 15 May 2020	5	Nandkishor Sheshrao Deshmukh(PHD Scholar)		Research Methodology	Dr. V. B. Kolte College of Engineering Malkapur
10	1-6 June 2020	6	Nandkishor Sheshrao Deshmukh(PHD Scholar)		Research opportunity and challenge in manufacturing sector.	SVERI College of Engineering pandharpur
11	13 – 18 July 2020	6	Nandkishor Sheshrao Deshmukh(PHD Scholar)		Recent Trend in heat exchanger (RTHX 2020)	Walchand College of Engineering Sangli
12	27/05/202 0	1	Nitin Somnarayan Chityal(PHD Scholar)	-	A National Webinar on "Advanced Finite Element Analysis- Concepts & Applications”	Organized by the Department of Mechanical Engineering, AISSMS College of Engineering, Pune
13	21/06/202 0	1	Nitin Somnarayan Chityal(PHD Scholar)	-	A webinar on “Research Paper Writing and Citation Manager	Organized by Department of Computer Science and Engineering, P. E. S. College of Engineering, Aurangabad.
14	22/06/202 0 – 27/06/202 0	6	Nitin Somnarayan Chityal(PHD Scholar)	-	One-week online FDP on Effective Research Writing using LaTex	Organized by Department of Mechanical Engineering, in association with Spoken

						Tutorial, IIT Bombay.
15	4 th May 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	HVAC System Selection & Basics	HVAC System Selection & Basics
16	9 th May 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Writing Literature Review Article	Writing Literature Review Article
17	10 th May 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Ultimate Secrets to getting Quickly published as a scientific author & Hasten your PhD Research Writing	Aristocrat Research.com, Chennai, Tamil Nadu 600029
18	11 th May 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	IoT in Refrigeration and Air Conditioning	Aedifico Tech & Livwize Smart Solutions, New Delhi 110092
19	12 th May 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Use of Excel Skills in Research	Universal College of Engineering, Vasai, Palghar, Maharashtra 401208
20	13 th May 2020	4	Mr. Prateek Deoman Malwe(PHD Scholar)		OpenFOAM	Singhgad institute of technology and science pune
21	14 th – 15 th May 2020	2	Mr. Prateek Deoman Malwe(PHD Scholar)	---	IoT (Internet of Things)	Universal College of Engineering in association with The Institute of Engineering & Technology, Vasai, Maharashtra 401208
22	15 th – 21 st May 2020	7	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Renewable Energy Sources: A Way ahead	Cummins College of Engineering for Women, Hingna,

						Nagpur, Maharashtra 441110
23	19 th May 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Introduction, Best Practices in CFD & Opportunities in CAD, CAE & CFD	Anantrao Pawar College of Engineering & Research, Shahu Campus, Parvati, Pune, Maharashtra 411009
24	19 th May 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Energy Conservation & Audit	Amrutvahini College of Engineering, Sangamner, Maharashtra 422608
25	20 th May 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Overview of HVAC Designing	Amrutvahini College of Engineering, Sangamner, Maharashtra 422608
26	20 th – 21 st May 2020	2	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Application of Statistical Tools and Energy Engineering	Shree L. R. Tiwari College of Engineering, Thane, Maharashtra 401107
27	20 th – 24 th May 2020	5	Mr. Prateek Deoman Malwe(PHD Scholar)	---	HVAC&R - Applications	Vidyavardhini College of Engg. & Tech., Mumbai in association with ISHRAE- VCET Chapter Mumbai, Maharashtra 401202
28	21 st May 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Alternative Refrigerants	ASHRAE Region-at- Large, Falcon Chapter
29	25 th May 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Cold Room Design & Refrigeration Cycle	ISHRAE Webinars
30	25 th – 31 st May 2020	7	Mr. Prateek Deoman Malwe(PHD Scholar)	---	7 Days Workshop on Basics of HVAC and RAC	JIET ISHRAE Student Jodhpur Chapter & Jodhpur

						Institute of Engineering and Technology, Jodhpur, Rajasthan 342802
31	26 th – 30 th May 2020	5	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Research Methodology	Internal Quality Assurance Cell (IQAC), Sant Gadge Baba Amravati University, & Padmashri Dr. V. B. Kolte College of Engineering, Malkapur, Maharashtra 443101
32	30 th May 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	REFQUIZ – A National Level Quiz Competition	ISHRAE Kolhapur-Sangli Sub-Chapter & SITCOE, Yadrav (Ichalkaranji)
33	3 rd – 4 th June 2020	2	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Intellectual Property Rights & How to Write Research Article	Nanasaheb Mahadik College of Engineering, Peth, Sangli, Maharashtra 415407
34	5 th June 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Car Czar - General Service & Maintenance of Your Vehicle	M. H. Saboo Siddik College of Engineering, Byculla, Mumbai, Maharashtra 400008
35	6 th June 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Online Quiz on “Strength of Materials”	Deogiri Institute of Engineering and Management Studies, Aurangabad
36	8 th – 10 th June 2020	3	Mr. Prateek Deoman Malwe(PHD	---	Advances in Mechanical Engineering	Internal Quality Assurance Cell

			Scholar)			(IQAC) of K. I. T. S., Ramtek, Nagpur, Maharashtra 441106
37	8 th – 14 th June 2020	7	Mr. Prateek Deoman Malwe(PHD Scholar)	---	National Level Online Quiz entitled “How Much You Know Vehicles Around You?”	M. H. Saboo Siddik College of Engineering
38	11 th June 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Skill Management in Civil Services	Kavikulguru Kalidas Sanskrit University, Ramtek, Nagpur
39	13 th June 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Tips to avoid your next paper getting rejected	Eduvoice AVCOE Sangamner Chapter & Amrutvahini College of Engineering, Sangamner, Maharashtra 422608
40	13 th – 17 th June 2020	5	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Applications of FEA and CFD using ANSYS	Government College of Engineering, Karad, Maharashtra 415124
41	14 th June 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Thermal Insulation System for Energy Efficient & Green Buildings	ASHRAE Region-at-Large, Falcon Chapter
42	15 th – 19 th June 2020	5	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Solar Energy & its Potential Applications, Economical Implications in Indian Scenario after Covid-19	Prof. Ram Meghe Institute of Technology & Research, Badnera, Amravati, Maharashtra 444701
43	18 th June 2020	1	Mr. Prateek Deoman Malwe(PHD	---	National Level Online Quiz on “Concepts of	Mandsaur University, Mandsaur

			Scholar)		Renewable Energy Technologies”	
44	22 nd June 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	How to Write and Publish 50,000+ Research & Conference papers Effectively & Efficiently using TYPESET Research Studio	Rajarambapu Institute of Technology (R.I.T.), Islampur, Sangli, Maharashtra in association with Nexus Subscription Company, Pune, Maharashtra 411041
45	25 th June 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)		Refrigeration plant controls for safety and energy efficiency	ISHRAE Chennai Chapter
46	26 th June 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	A National Level Online Quiz competition on “Basics of Refrigeration & Understanding VCC Cycle” with Rank 1	ISHRAE Nashik Chapter,
47	26 th June – 1 st July 2020	6	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Celebration of Refrigeration Week	ISHRAE Nashik Chapter, ISHRAE Webinars
48	29 th June 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Online quiz competition “Quizohlic – Based on HVAC&R”	JIET ISHRAE Student Chapter, Jaipur
49	29 th June – 3 rd July 2020	5	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Research Techniques & Sustainable Development in Mechanical Engineering	St. John College of Engineering and Management, Palghar, Maharashtra 401404 in association with CEMS,

						ISHRAE Mumbai Chapter, ISTE Chapter
50	5 th July 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Sustainability in Product Design	Deogiri Institute of Engineering & Management Studies, Aurangabad, Maharashtra 431005
51	5 th July 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Design Consideration for Post- Harvest Cold Storage	Dr. J. J. Magdum College of Engineering, Jaysingpur, Maharashtra 416101
52	6 th July 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Vehicle Suspension Systems and Design	Deogiri Institute of Engineering & Management Studies, Aurangabad, Maharashtra 431005
53	6 th July 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Design consideration for post harvest cold storage	GoTO webinar
54	7 th – 9 th July 2020	3	Mr. Prateek Deoman Malwe(PHD Scholar)	---	E-Quiz On “Essence of Fluid Mechanics”	Gogte Institute of Technology, Belagavi, Karnataka
55	9 th July 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	ASHRAE Standard 15 - A Review & Update	ASHRAE Region-at- Large, Rajasthan Chapter
56	9 th July 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Internet of Things	Center for Invention, Innovation & Incubation (MCII) with Whiz Key (OPC) Pvt. Ltd., Pune
57	10 th July 2020	1	Mr. Prateek Deoman Malwe(PHD	---	Virtual Labs: Effective Tool for Teaching	AICTE & Virtual Lab, Center for

			Scholar)		and Learning	System Design, NIT Surathkal; hosted by Cummins College of Engineering for Women, Nagpur
58	13 th – 16 th July 2020	3	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Emerging Areas of Technology	K. J. Somaiya Institute of Engineering and Information Technology (KJSIEIT), Sion, Mumbai
59	13 th – 18 th July 2020	6	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Recent Trends in Heat Exchangers (RTHX)	Walchand College of Engineering, Sangli, Maharashtra
60	22 nd July 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Understanding Net Benefits and Cost for Different Energy Efficient Refrigeration Design Options	ASHRAE Region-at-Large, Global training Center, Dubai
61	23 rd July 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Faculty Orientation Program on Thermodynamics (MEC 305)	Rajiv Gandhi Institute of Technology, Mumbai on behalf of University of Mumbai
62	28 July 2020	1	Mr. Prateek Deoman Malwe(PHD Scholar)	---	Unit Cooler Introduction	Tecumseh India Pvt. Ltd
63	13 to 18 July 2020	6	Rustum Sikandar Dhalait(PHD Scholar)		Recent Trends in Heat Exchangers (RTHX 2020)	WCE, Sangli
64	4 May - 6 May 2020	3 day	Miss. Rutuja Krishnat Shivdas(PHD Scholar)	Dr. S. U. Sapkal	Workshop on Basic optimization technology	REST society for research international
65	12 May 2020	1 day	Miss. Rutuja Krishnat Shivdas(PHD Scholar)	Dr. S. U. Sapkal	International Webinar on Research	AICTE & Elsevier

			Scholar)		workflows, Research Metrics & Excellence in Academics	
66	29 May 2020	1 day	Miss. Rutuja Krishnat Shivdas(PHD Scholar)	Dr. S. U. Sapkal	International Webinar on MATLAB Applications in Sciences and Engineering	BABA Farid College, Patiala
67	22 May - 13th June 2020	4 Week	Miss. Rutuja Krishnat Shivdas(PHD Scholar)	Dr. S. U. Sapkal	Course on MATLAB for mechanical engineers	Skill Lync online courses in association with AICTE
68	22 June - 27 June 2020	1 Week	Miss. Rutuja Krishnat Shivdas(PHD Scholar)	Dr. S. U. Sapkal	FDP on Effective research writing using Latex	Pragti Engineering college in association with Spoken tutorial, IIT Bombay
69	22 June 2020	1 day	Miss. Rutuja Krishnat Shivdas(PHD Scholar)	Dr. S. U. Sapkal	National webinar on How to write and publish 50,000+ Research and Conference papers effectively & efficiently using TYPESET research studio	RIT, Islampur
70	24 June - 16 July 2020	3 Week	Miss. Rutuja Krishnat Shivdas(PHD Scholar)	Dr. S. U. Sapkal	Course on Python for mechanical engineers	Skill Lync online courses in association with AICTE
71	July 2020 to 30 Oct 2020	10 Week	Miss. Rutuja Krishnat Shivdas	Dr. S. U. Sapkal	Introduction to programming with Matlab	Coursera
72	24 to 28 august 2020	5 days	Miss. Rutuja Krishnat Shivdas	Dr. S. U. Sapkal	Industry 4.0	AICTE Sponsored organized by Department of Mechanical Engineering, Nitte Meenakshi Institute of Technology,

						Bangalore-64, INDIA.
73	4 to 6 May 2020	2	Supriya Krishna Darekar(PHD Scholar)	Dr. M. Siva kumar	Basic optimization technology	REST Society of Research international
74	19 June 2020	1	Supriya Krishna Darekar(PHD Scholar)	Miss. Ruchi Chauhan	Webinar on Publishing Ethics	Taylor & Francis exclusive with IIT Delhi
75	20 June, 2020	1	Supriya Krishna Darekar(PHD Scholar)	Mr. Ravikiran Tate	Webinar on 5S methodology for Lean Manufacturing	From Bosch Ltd. with Krushivardhan agrotech
76	21 June 2020	1	Supriya Krishna Darekar(PHD Scholar)	Mr. Y. S. Pagar	Research Paper Writing and Citation Manager	Department of Computer Science and Engineering, P. E. S. College of Engineering, Aurangabad
77	22 to 27 June 2020	6	Supriya Krishna Darekar(PHD Scholar)	Dr. G. Satish	Effective Research Writing Using LaTeX	Spoken Tutorial, IIT Bombay
78	22 to 27 June 2020	6	Supriya Krishna Darekar(PHD Scholar)	Dr. K. Srinivasulu Reddy	Optimization Techniques & Tools for Mechanical Engineers	Sreenidhi Institute of Science and Technology, Hyderabad
79	29 to 03 July 2020	5	Supriya Krishna Darekar(PHD Scholar)	Dr. Narendra Kumar	Additive Manufacturing with Interdisciplin ary application	Dr . B. R. Ambedkar NIT , Jalandhar under TEQIP- III
80	20 to 24 July 2020	5	Supriya Krishna Darekar(PHD Scholar)	Dr. A. B. Rajendra	Latex and its Application for researchers	Department of Information Science & Engineering, Vidyavardhaka College of engineering, Mysuru
81	27 & 28 Aug. 2020	2	Borgave Sanket (M.Tech Production Student)	Dr. S. U. Sapkal	Online International congress on Advances in Mechanical Science	Vardhaman college of Engineering, Hydrabad
82	10 to 31 Aug 2020	22 days	Jadhav Satyam (B.Tech Student)	S. D. Jagtap	Online certification course on “Introduction	edx platform

					to Numerical Control”	
83	10 to 16 Aug 2020	7	Mr. Prateek Deoman Malwe(PHD Scholar)		Advances in green energy for sustainable development (AGE1)	Ram Meghe institute of technology and research Badnera
84	19 to 20 Aug 2020	2	Mr. Prateek Deoman Malwe(PHD Scholar)		Current trends in research	Tontadarya college of engineering Karnataka
85	24 to 28 Aug 2020	5	Mr. Prateek Deoman Malwe(PHD Scholar)		Applications of fluid dynamics and advanced materials	Bheemanna khandre intitute of technology, Bhalki
86	4 to 5 Sept 2020	2	Gaurav Potdar (B.Tech Student)	Dr. S. U. Sapkal	International Conference on Artificial Intelligence and Machine learning (ICAML 2020)	
87	31 Aug. 2020	1	Vijay Teli (M.Tech Production Student)	Dr. K. H. Inamdar	International Journal of Emerging technologies and innovative research	
88	27 & 28 Aug. 2020	2	Pagare Rohit (M.Tech Production Student)	A. S. Bhandare	Online international congress on advances in mechanical science	Vardhaman college of Engineering, Hydrabad
89	16 July 2020	15	Shubham Gajanan Kinekar, Sanket Sunil Mukane(M.Tech Heat power Student)	Mr. P.A. Mane	Python	Epiphany training center
90	15 June 2020	28	Shubham Gajanan Kinekar (M.Tech Heat power Student)		Business Writing	Coursera
91	28 July 2020	42	Shubham Gajanan Kinekar (M.Tech Heat power Student)		Excel skills for business writing	Coursera
92	13 to 18 July 2020	6	Sushil Sanjay Pawar, Amar Virape, Somesh	Prof. Dr. B. S. Gawali, Mr. A. S. Patil, Mr. D.	Recent Trends in Heat Exchangers	WCE, Sangli

			Kolte, Saurabh Dattatraya Zambare, Ajay Hanmant Saraf (M.Tech Heat power Students)	B. Pawar		
93	21 August 2020		Ajay Hanmant Saraf (M.Tech Production Student)		Introduction to Applied Mechanics, Entrepreneurship, Introduction to Public Speaking	Coursera
94	20 July 2020	7	Kamlesh sunil suryawanshi(M.Tech Design Student)	Sudhir arali	Faculty development program on electro mechanical systems	Wce, sangli
95	25 June 2020	11	Kamlesh sunil suryawanshi (M.Tech Design Student)		Basics of stock market	Online course
96	June 2020 to August 2020	10 weeks	Shubhamkar B. Suryawanshi (M.Tech Design Student)		1] Write Professional Emails in English 2] Programming for Everybody	Coursera
97	27 August 2020	2	Heralge Sanjay Sukumar (M.Tech Production Student)	Jamil Dabir	Online international congress on Advances in Mechanical Science	Vardhaman College of Engineering, Hyderabad
98	27 August 2020	2	Mane Shrinath S. (M.Tech Production Student)	Jamil Dabir	Online international congress on Advances in Mechanical Science	Vardhaman College of Engineering, Hyderabad
99	10 August 2020	22 days	Jadhav Satyam (B.Tech Mech Student)	Jagtap Suhas	Online certification course on Introduction to computer Numerical Control	Edx platform
100	27 August	2	Nadaf Adila R.	R. M.	Online	Vardhaman

	2020		(M.Tech Production student)	Chanmanwar	international congress on Advances in Mechanical Science	College of Engineering, Hyderabad
101	27 August 2020	2	Awati Dhanesh B. (M.Tech Production student)	R. M. Chanmanwar	Online international congress on Advances in Mechanical Science	Vardhaman College of Engineering, Hyderabad
102	27 August 2020	2	Sanket Borgave(M.Tech Production student)	S. U. Sapkal	Online international congress on Advances in Mechanical Science	Vardhaman College of Engineering, Hyderabad
103	7 Sept 2020	1	Ms. Anjum Mujawar(M.Tech Design student)	Dr. Todakar R. G.	International journal emerging technologies and innovative research	
104	31 August 2020	1	Teli Vijay M. (M.Tech Production student)	Dr. K. H. Inamdar	International journal emerging technologies and innovative research	
105	18 september 2020	31 days	Jadhav Satyam (B.Tech Mech Student)	Jagtap Suhas	Online certification course on A hands on introduction to engineering simulations	Edx platform
106	14 th to 19 th September 2020	One week	Nandkishor Sheshrao Deshmukh		Recent Advances in Affordable & Clean Energy (RAACE 2020): A Roadmap to SDG7	SLIET, Longowal, Panjab
107	10 sept 2020		Prajwal honkalas, pallavi dingare and 12 other B.Tech Mech Student	R. M. Chanmanwar	Reg. fee and membership fee for SAE Efficycle 2020	
108	11 December 2020	1 day	Mahmadrafik S. Choudhari(PHD Scholar)	Prof. Dr. B. S. Gawali	To attend international conference on	Krishna Engg. College Ghaziabad

					optimization techniques and recent innovation in mechanical Engg. (ICOTRIME 20)	
109	August 2020		Team Aryans 25 students and one faculty	S. D. Jagtap	FMAE M-BAJA 2021 purchase component+registration fee	
110	August 2020		Go-kart participating students	G. R. Undale	Indian Karting championship by nexus motorsports registration fee+vehicle component purchase fees	
111	5 to 7 august 2020	3	2 nd international conference	S. U. Sapkal	2 nd international conference on future learning aspects of Mechanical Engg (FLAME-2020)	
112	29 June 2020	1	BOS meeting	Faculty of Mechanical department	BOS Meeting	
113	20 Feb 2021	1	18 Students	Dr. S. U. Sapkal	Renewal of ASME chapter membership	ASME
114	8 to 12 March 2021	05	Mahmadrafik S. Choudhari, Nandkishor Sheshrao Deshmukh	---	Workshop on Role of Computational Fluid Dynamics for solution of Industrial Problems	Department of Mechanical Engineering, NIT Meghalaya
115	March 2021	1	Saurabh Sanjay Deshpande (B.Tech student)		Secured AIR 11730 in GATE 2021 Examination	
116	March 2021	1	Rohit Rama Kamble (B.Tech student)		Secured AIR 5577, (Examination paper ME) in	

					GATE 2021 Examination	
					Secured AIR 1610, (Examination paper XE) in GATE 2021 Examination	
117	March 2021	1	Ritesh Rajesh Mule (B.Tech student)		Secured AIR 15958, (Examination paper ME) in GATE 2021 Examination	
118	March 2021	1	Shaunak Anil Chaudhari (B.Tech student)		Secured AIR 14738, (Examination paper ME) in GATE 2021 Examination	
119	March 2021	1	Rohan Raju Patil (B.Tech student)		Secured AIR 2477, (Examination paper ME) in GATE 2021 Examination	
120	March 2021	1	Abhijeet Abhaykumar Pachore (B.Tech student)		Secured AIR 13109, (Examination paper ME) in GATE 2021 Examination	
					Secured AIR 2309, (Examination paper XE) in GATE 2021 Examination	
121	March 2021	1	Shubham Balaji Chavan (B.Tech student)		Secured AIR 17365, (Examination paper ME) in GATE 2021 Examination	
122	March 2021	1	Shrutee Pradip Pawar (B.Tech student)		Secured AIR 3328, (Examination paper ME) in GATE 2021 Examination	
123	March 2021	1	Rohit shankar patil (B.Tech student)		Secured AIR 8, (Examination paper ME) in GATE 2021 Examination	
124	March	1	Gaurav Sunil Dhande (B.Tech		Secured AIR 345,	

	2021		student)		(Examination paper ME) in GATE 2021 Examination	
125	March 2021	1	Shivam Rajendra Teli (B.Tech student)		Secured AIR 16441, (Examination paper ME) in GATE 2021 Examination	
126	March 2021	1	Vaibhav Dnyaneshwar Wankhade (B.Tech student)		Secured AIR 44, (Examination paper ME) in GATE 2021 Examination	
127	March 2021	1	Rushikesh Subhash Hudedmani (B.Tech student)		Secured AIR 85, (Examination paper ME) in GATE 2021 Examination	
128	March 2021	1	Bhosale Somnath Vijay (M.Tech 2 nd year student)		Secured AIR 12744, (Examination paper ME) in GATE 2021 Examination	
129	March 2021	1	Lamkhade Bajirao Balu (M.Tech 2 nd year student)		Secured AIR 4237, (Examination paper ME) in GATE 2021 Examination	
					Secured AIR 835, (Examination paper XE) in GATE 2021 Examination	
130	March 2021	1	Shreyas Vishalrao Dixit (2020 passout B.Tech student)		Secured AIR 14, (Examination paper ME) in GATE 2021 Examination	
131	March 2021	1	Neha Kininge (B.Tech student)		Secured 306 out of 340 in GRE Exam	

I) Summary of the Consultancy for the year 2019-20

Sr. No.	Name of the Party	Name of the consultant	Amount (Rs.)
1	Dy. Engineer, Gramin P.P., Panchayat Samiti, Atpadi. Sub. Contractor – H. B. Gawale, Atpadi	Shri. A. V. Kamble	5,310/-
2	Mr. Harshal Kulkarni, M.M. ED. IITR	A. S. Bhandari	18,000/-
3	Mr. Bharat Bhosale K.I.T. Kolhapur	A.S. Bhandari	15,002/-
4	Mr. Suhas Misal	R. M. Chanmanwar	350/-
5	Mr. Vinod Chougule	R. M. Chanmanwar	350/-
6	Mr. Swapnil Hingmire	R. M. Chanmanwar	350/-
7	Mr. Tejas Chavan	R. M. Chanmanwar	700/-
8	Mr. Dinesh Fabricators, Satara	R. M. Chanmanwar	5,000/-
9	Yedekar Sports Scientific Tr.	R. M. Chanmanwar	1,900/-
10	DEEGO COMBINES Kolhapur	R. M. Chanmanwar	5,000/-
11	Kaleshwar Sports Pune	R. M. Chanmanwar	3,000/-
12	Ratnagiri nagar parishadh	S. D. Jagtap and R. M. Chanmanwar	39,588/-
13	Kirloskar Brother ltd., Kirloskarwadi	S. D. Jagtap and R. M. Chanmanwar	6,490/-
14	Chairman siddheshwar major sah. Sanstha Ltd., Dhalgaon. Tal. K. Mahanakal	A.V. Kamble	5,310/-
15	Sarpanch, Gram panchayat, Daphalapur, Tal. Jat	A.V. Kamble	10,620/-
16	Dy. Engineer, Z. P. Sub. Div. Office, Panchayat samiti, Shirala	A.V. Kamble	2,360/-
17	Chief officer, Jaysingpur Nagar Parishad, Jaysingpur	A.V. Kamble	2,950/-
18	Bilagi sugars mill Ltd.	S. D. Jagtap	42,840/-
19	Kirloskar Brother ltd., Kirloskarwadi	S. D. Jagtap and R. M. Chanmanwar	1,15,876/-
20	Kirloskar Brother ltd., Kirloskarwadi	S. D. Jagtap	69,620/-
TOTAL			3,50,616/-

J) Summary of Research Papers published in National/ International Journals

Sr. No.	Year	International/ National	Title of the Research Paper	Details of the Journal (Name of Journal, Volume, Page No.)	Name of the Author(s)
1	2020	National	Analysis of flow past Naca 66251 isolated aerofoil using Matlab and experimentation	aerjournal of India(student publishing)	Ajay R Ranade
2	2020	National	Analysis of flow past Naca 66251 using vortex panel method and experimentation	aerjournal of india(student publishing)	Ajay R Ranade
3	2020	International	Mathematical Modelling of Reed Valve Lift With Crank Angle in Piston Compressors	2020 JETIR August 2020, Volume 7, Issue 8	Ajay Saraf, R. K. Kulkarni, Jay Shah, Utsav V
4	2020	International	Prediction of thermal performance of crossflow economiser in transient mode using Transient Analysis Program	2020 JETIR August 2020, Volume 7, Issue 8	Saurabh D. Zambare, R.K. Kulkarni, N.K. Sane, A.P. Samant
5	2020	International	Thermal performance analysis of window AC with evaporative cooling of condenser	2020 JETIR August 2020, Volume 7, Issue 8	Pratap P. Degale, R. K. Kulkarni
6	Aug ust 2020	International	Performance Evaluation of Particle Damping for Gear Transmission System	Journal of emerging technologies and innovative research(JETIR),Volume 7, issue 8,1187-1192	Rohit S. Kamraddi, Prof. P.D. Maskar
7	July 2020	International	Vibration Analysis of Magneto-rheological Sandwich Beam	Journal of emerging technologies and innovative research(JETIR),Volume 7, issue 7,1873-1881	Lahane A. B.
8	Aug ust	International	Development of Test Setup for Obtaining Mode Shapes of Beams	Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 7,	Mr. Aniket Jadhav, Prof. Abhinandan

	2020			Issue 8, pp. 218-224	Admuthe
9	July 2020	International	Design of Experimental Setup for Study of Fluid Elastic Instability in Finned Tube Array Subjected to Air Cross Flow	Journal of Applied Science and Computations Vol. VII, Issue VII, 1076-5131	Akshay G. Tayade, Prof. S. M. Arali
10	August 2020	International	Modal Analysis of Thin Composite GLARE Plate	Journal of emerging technologies and innovative research(JETIR),Volume 7, Issue 8, pp 420-423	Shubhamkar Suryawanshi & Dr. M. M. Khot
11	September 2020	International	Dynamic Response Analysis of Preloaded Bolted Joints Under Harmonic Excitation	Journal of emerging technologies and innovative research(JETIR),	Mr. Tushar Shinde, Prof. Dr. S.G.Joshi and Prof V.V.Dhende
12	August 2020	International	Dynamic response analysis of a cantilever beam subjected to base excitation	Journal of emerging technologies and innovative research(JETIR),	Amit Pharande, Prof. Dr. S. G. Joshi and Prof. A. B. Admuthe
13	August 2020	International	Natural Frequencies of The Hollow Cantilever Beam With Tip Mass.	Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 7, Issue 8, Page no.1176-1186 .	Randive V. K, Prof. A. B. Admuthe.
14	August 2020	International	MQL Turning of EN-8 Steel using plant based lubricant and its performance analysis with wet and dry turning	Journal of emerging technologies and innovative research(JETIR)	Vijay Teli, Kedar Inamdar
15	Sept 2020	International	Development and characterization of polyterafluoroethylene (PTFE) and expanded graphite nanocomposite	Journal of emerging technologies and innovative research(JETIR)	Ms. Anjum Mujawar
16	2020	International	Carbon nanofibre assisted micro-electro discharge machining (μ EDM) of Ti-6Al-4V alloy	Int. J. Precision Technology, Vol. 9. No.1,2020	Prasanna B. Chougule, Rakesh G. Mote, Uday A. Dabade
17	Dec 2020	International	Energy and Exergy analysis of an organic rankine cycle integrated with vapour compression refrigeration system	Advances and applications in mathematical sciences	Prateek D. Malwe, Bajirao S. Gawali, Mahmadrarik S. Choudhari, Rustam S. Dhalait,

					Nandkishor S. Deshmukh
18		International	Manufacturing and Analysis of Cost-Effective Scalp Cooling System	GIS SCIENCE JOURNAL	Pravin Ashok Mane, Seema Pravin Mane, R. B. Dhumale, N. R. Dhumale
19		International	Thermal Analysis of Battery Used in E-bicycle	GIS SCIENCE JOURNAL	Pravin Ashok Mane, Seema Pravin Mane, Sanket Sunil Mukane, R. B. Dhumal, N. R. Dhumale
20	Jan 2021	International	Optimization of gating and feeding system for sand casting of connecting rod using casting simulation	International journal for researching applied science and engineering technology Vol. 9 issue 1 jan 2021	Saurabh S. Lohar, Dr. Kedar H. Inamdar
21	March 2021	International	Optimization process parameters of FDM printer using Design of Experiments method	International research journal of Engineering and Technology (IRJET) Vol. 08, Issue 03, March 2021	Unnati Shaha, dr. Kedar H. Inamdar
22	March 2021	International	Comparative analysis of double cover single bolted butt joint using ABS and PLA Material	International journal for research in Applied Science and Engineering Technology (IJRASET), volume 9 Issue III Mar 2021	Aishwarya R Tarale, Dr. Kedar H. Inamdar
23	August 2020	International	Design Optimization Of Magneto-Rheological Damper For Vehicle Suspension System	Journal of Emerging Technologies and Innovative Research (JETIR), August 2020, Volume 7, Issue 8	Madhav K. Avhad, Prabhakar D. Maskar
24	September -2020	International	Design a New Pressure Regulating Valve for Fuel Injection Pump of Diesel Engine	International Journal of Engineering Research & Technology (IJERT), Vol. 9 Issue 09, pp 1187-1192 September-2020, ISSN: 2278-0181	Aishwarya Krishnat Jadhav, Dr. S.G. Joshi, Prof. P.D. Maskar, Mr. Sandip V. Patil
25	November 2020	International	Modeling and Analysis of Human Femur Bone with Alternate Material	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 11, November 2020,	Rishikesh Gaikwad, S. M. Arali

				pp 342-345, ISSN-2349-5162	
26	September-2020	International	Design and Analysis of Mounting Arrangement of the Rotary Turbine Control (RTC) Drive System	International Journal of Engineering Research & Technology (IJERT), Vol. 9 Issue 09, September-2020, pp 244-258,ISSN: 2278-0181	Prajakta Raosaheb Yadav, Prof. S. H. Limaye, Smita K Nandargi, Monali Gulame
27	November 2020	International	Design of Durability Test Setup for S.S Braided Exhaust Pipe Used in Automobiles and Modal Analysis Base Frame of test setup	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 11, November 2020, pp 590-594, ISSN-2349-5162	Sanket Gurav,Shridhar Limaye
28	September-2020	International	Prediction of Design Margin for Diesel Exhaust Fluid Tank Bracket by FEA Approach	International Journal of Engineering Research & Technology (IJERT), Vol. 9 Issue 09, September-2020, pp 162-168, ISSN: 2278-0181	Sayali B. Pawar, Dr. Ranjit G.Todkar
29	December 2020	International	Design and analysis of Electronically controlled Pneumatic brake valve Components for commercial Vehicles	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 12, December 2020, pp 334-339, (ISSN-2349-5162)	Sumit Sonawane, S. M. Arali, Venkateshwara Rao Nakka,
30	September 2020	International	Effect of Boron Carbide Filler on Mechanical and Tribological Properties of Polytetrafluoroethylene Based Nanocomposite	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 9 September 2020, pp 225-230	P. H. Patil, Dr. M. M. Khot
31	2020	International	Vibration based modelling of acoustic emission of rolling element bearings	Journal of Sound and Vibration, Volume 468, 2020, 115117 https://doi.org/10.1016/j.jsv.2019.115117	AP Patil, BK Mishra, SP Harsha
32	Sept 2020	International	A mechanics and signal processing based approach for estimating the size of spall in rolling element bearing	European Journal of Mechanics / A Solids, Volume 85, 2021, 104125 https://doi.org/10.1016/j.euromechsol.2020.104125	AP Patil, BK Mishra, SP Harsha
33	Feb 2021	International	Fault diagnosis of rolling element bearing using autonomous harmonic product spectrum method	Journal of Multi-body dynamics, In press https://doi.org/10.1177/146441932199	AP Patil, BK Mishra, SP Harsha

				4986	
34	March 2021	International	Analytical model of rolling element bearing for studying its wear modelled as change in its clearance	Materials Today Proceedings, In press https://doi.org/10.1016/j.matpr.2021.01.576	AP Patil, BK Mishra, SP Harsha
35	Nov. 2020	International	Finite Element Analysis of No Tube In Window Tubesheet And Base Nozzle	Journal of Emerging Technologies and Innovative Research (JETIR) November 2020, Volume 7, Issue 11	Shreyas Valake, V.V.Dhende, Dr. S.G.Joshi, C.K.Bhande

K) Summary of Research Papers published in Conference Proceedings (International)

Sr. No.	Year	Title of the Research Paper	Details of the Conference	Name of the Author(s)
1	March 2020	Multi objective optimization of dry EDM with Inconel 718 Using Grey Relational Analysis	International conference on Intelligent Manufacturing and Automation	A. S. Bhandare and U. A. Dabade
2	August 2020	A Review of ultrasound assisted electrolytic in-process dressing (UA-ELID)	Third International Congress on Advances in Mechanical Science	Dhanesh B. Awati, Rahul chanmanwar
3	August 2020	Lean manufacturing Implementation in Crankshaft Manufacturing Company	2 nd International Conference on Future Learning Aspects of Mechanical Engg. (FLAME-2020)	Dr. Sapkal Sagar, Abhishek Joshi
4	2020	NOx reduction in calciner using air staging and raw meal split technology	Materials today: Proceedings, https://doi.org/10.1016/j.matpr.2020.12.143	Shubham Kinekar, Mr. Pravin Mane, Dr. Vivek Vitankar, Shital Mone, Adnan Taqi
5	2020	Performance and Analysis of Battery Thermal Management System used in Electrical Vehicles (EVs)	International Conference on Sustainable Development in Mechanical Engineering (SDME 2020)	Sanket Mukane, Mr. Pravin A. Mane, Adarsh Gaddam
6	September 2020	Dynamic Analysis of a Novel Modular Robot	Congress on Intelligent Systems (CIS 2020), organized by Soft Computing Research Society	Omkar D Dixit, Prof. V.V. Dhende
7	Sept 2020	Multi-criteria optimization of Aerospace Alloys in WEDM using TOPSIS	Online International congress on Advances in Mechanical Science	Sanjay Heralge, Umashankar Gupta and Jamil dabir
8	Sept 2020	A review on identification and elimination of Ovality in circular holes during manufacturing of hollow cylindrical components	Online International congress on Advances in Mechanical Science	Shrinath mane and Jamil dabir
9	August 2020	Design failure mode and effect analysis-case study	3 rd International congress on Advances in Mechanical Sciences (ICAMS-2020)	Adila R. Nadaf, Rahul M. Chanmanwar
10	August	Application of Lean tools for compressor	3 rd International congress on Advances in	Sanket Borgave, Sagar

	2020	assembly line	Mechanical Sciences (ICAMS-2020)	Sapkal
11	August 2020	Investigating the effects of welding parameters on Mild steel by SMAW technique	3 rd International congress on Advances in Mechanical Sciences (ICAMS-2020)	Rohit pagare, Dhanesh Awati, Shrinath Mane, Vijay teli, Amar Bhandare
12	2020	Artificial intelligence for prediction of performance and emission parameters of CI Engine using Bio-Fuel	National conference on physics and chemistry of materials (NCPCM-2020)	Ajay V. Kolhe, Prateek D. Malwe, Ganesh S. Wahile
13	Sept 2020	Modified direct clustering algorithm for group formation in cellular manufacturing	International conference on Artificial intelligence and machine learning (ICAML 2020)	G C Potdar, S U Sapkal, A S Shivade
14	Dec 2020	Numerical Analysis of Inertance Pulse Tube Refrigerator	International Conference on Optimization Techniques and Recent Innovations in Mechanical Engineering	Mohmad rafik Choudhari, Dr. B.S. Gawali, Prateek Malwe
15	Feb 2021	Mapping lean six sigma with 8D problem solving methodology to improve productivity and safety: A case study	4 th International conference on innovations in mechanical engineering (ICIME-2021)	Sagar U. Sapkal

L) RPS Proposals

Sr. No.	Title of project proposal	Duration	Application submission date	Faculty name	Total amount (Rs.)
1	Design and development of non-contact type magnetic bearing	3 years	19/12/2020	Dr. Khot Maruti Mahadeo	20,64,818
2	Numerical and Experimental Investigation on liquid desiccant cooling system			Dr. B. S. Gawali	17,76,900
3	AICTE Idea Lab	3 Years	29/01/2021	Dr.K.H.Inamdar and Dr. A.A. Agashe	55,00,000

M) Project carried out in department especially for COVID-19 situation in April- May 2020

Sr. No	Product Name	Approximate cost (Rs)
1	Sanitizer Cubicle	38,500
2	Bicycle Sprayer	8,500
3	Automatic Fogger	24,500

N) Student Internship details

Sr. No.	Name	PRN	Industry/Company Name	City	Start date	Duration
1	Mr. Vinaysinh Madhavsinh Thakur	2017BTEME00073	Hutatma industries.	Walwa	1 Dec	2 months
2	Miss. Pallavi Anand Dingare	2018BTEME00013	Laxmi Hydraulics Pvt. Ltd.	Solapur	1 Dec	1 months
3	Mr. Tejas Bhalchandra Sathaye	2018BTEME00019	Mahabal Metals Private limited	Miraj	28 Jan	15 days
4	Miss. Awani Ravindra Patle	2018BTEME00020	Chandrapur Super Thermal Power Station	Chandrapur	20 January	1 months
5	Mr. Sourabh Kundan Patil	2018BTEME00021	Jsons group Western Precicast PVT LTD	Sangli	12 January	15 days
6	Mr. Sourabh Sadashiv Patil	2018BTEME00022	Jsons group Western Precicast PVT LTD	Sangli	12 January	15 days
7	Mr. Suraj Basgonda Koli	2018BTEME00024	Jsons group Western Precicast PVT LTD	Sangli	12 January	15 days
8	Mr. Sarthak Vipul Shaha	2018BTEME00026	Jsons group Western Precicast PVT LTD	Sangli	12 January	15 days
9	Mr. Dipak Shivraj Kaloji	2018BTEME00027	Narayana Agro Oils Private Limited Udgir	Udgir	1 Feb	20 Days
10	Mr. Swaroop Dipak Sawant	2018BTEME00042	Veerasha Castings PVT LTD	Sangli	12 Jan	15 days
11	Miss. Manali Maheshkumar Bongale	2018BTEME00047	TATA Motors	Karad	16 Jan	1 Month
12	Miss. Padmashree Abhay Patil	2018BTEME00062	Awati Motors	Sangli	29 Feb	15 days
13	Mr. Siddhant Pandurang Wadkar	2018BTEME00065	HONDA Auto Cars	Latur	2 Feb	20 days
14	Mr. Pawan Popat Patil	2018BTEME00066	TATA Motors	Karad	16 Jan	1 month
15	Mr. Suraj Vaijanath Biradar	2018BTEME00070	Narayana Agro Oils Private Limited Udgir	Udgir	1 Feb	15 days
16	Mr. Sarang Santosh Khadsang	2018BTEME00072	maruti suzuki	Miraj	5 Feb	1 month
17	Mr. Mukul Diwakar Paunekar	2018BTEME00076	Ashok Leyland	Nagpur	29 Jan	1 month
18	Mr. Ranjeetsinh	2018BTEME00078	Jsons group Western Precicast PVT LTD	Sangli	12 Jan	15 days

	Mahendra Mane					
19	Mr. Bhagwant Dnyandeo Sirsat	2018BTEME00079	maruti suzuki	Miraj	5 feb	1 month
20	Mr. Mandar Santoshkumar Nakil	2018BTEME00080	D. K. Industries	Jaysingpur	12 Jan	15 days
21	Miss. Khot Akshata Ajit	2019BTEME00207	Awati Motors	Sangli	29 Feb	15 days
22	Mr. Sutar Yasin Munna	2019BTEME00208	Ashta Liners	Ashta	23 Jan	15 days
23	Mr. Vikrant B. Nikumbhe	2018BTEME00064	Mahabal Metals Private limited	Miraj	10 Feb	15 days
24	Mr. Anand Dattatray Revgade	2018BTEME00074	Thermo Efficient Engineering	Sinnar	11 Feb	15 days
25	Mr. Venkatesh Ishwarrao Kahalekar	2018BTEME00075	Hare Madhav Motors, LLP	Miraj	20 Feb	15 days
26	Mr. Gaurav Siddharth Surwade	2019BTEME00204	S. R. Traders	Khamgaon, Buldhana	11 Feb	15 days
27	Mr. Sourabh B. Chougule	2018BTEME00005	Mahabal Metals Private limited	Miraj	10 Feb	15 days
28	Mr. Abhishek G. Karajgar	2018BTEME00018	Mahabal Metals Private limited	Miraj	10 Feb	15 days
29	Miss. Sakshi S. Kendale	2018BTEME00010	Maniks	Pune	15 Jan	15 days
30	Mr. Unmesh A. Sadawarte	2018BTEME00046	BAFNA MOTORS Pvt. Ltd.	Nanded	9 Feb	15 days
31	Mr. Shubham S. Patil	2018BTEME00060	Bharat Machines	Miraj	10 Feb	15 days
32	Mr. Archeet N. Kumbhojkar	2018BTEME00071	MSL Driveline systems limited	Nashik	24 Jan	15 days
33	Mr. Mayank A. Sontakke	2018BTEME00061	Aryan Motors	Gadchiroli	2 Feb	15 days
34	Mr. Harshad C. Shrirame	2019BTEME00209	Mahabal Metals Private limited	Miraj	10 Feb	15 days
35	Mr. Sagar R. Mahajan	2019BTEME00025	Mahabal Metals Private limited	Miraj	10 Feb	15 days
36	Miss. Yugmi Ramaiya Himanshu	2018BTEME00058	Sangli Technochem Industries	Sangli	10 Feb	15 days
37	Miss. Sonali Hanmant Pawar	2019BTEME00201	Awati Motors	Sangli	29 Jan	15 days
38	Mr. Mayank Shekhar	2019BTEME00016	Tech Engineering	Solapur	3 Feb	15 days

	Dadge					
39	Mr. Rohit B. Chandanshive	2019BTEME00016	Mahabal Metals Private limited	Miraj	10 Feb	15 days
40	Mr. Rushikesh Deepak Mantri	2019BTEME00205	Rucha Engineering Pvt. Ltd	Auranga bad	18 Dec	15 days
41	Mr. Jayesh s. Amrawat	07	Ujwal Enterprises (India) Pvt. Ltd.	Nanded	15 Feb	15 days
42	Mr. Rohan Kashinath Patil	2018BTEME00012	Mahabal Metals Private limited	Miraj	28 Jan	15 days
43	Mr. Harshavardhan S. Kandharkar	2018BTEME00017	BAFNA MOTORS Pvt. Ltd.	Nanded	8 Feb	15 days
44	Mr. Gilda Krushnkant Rameshwar	2018BTEME00041	BAI-KAKAJI Polymers Pvt. Ltd	Latur	25 Jan	15 days
45	Mr. Himanshu Pinge	2018BTEME00077	JSW Steel coated products Limite	Nagpur	11 Feb	15 days
46	Mr. Ranjeetsinh Mahendra Mane	2018BTEME00007	Western Precicast Pvt. Ltd	Sangli	12 Jan	15 days
47	Miss. Snehal S. Adake	2018BTEME00031	Mahadeo Engineering Works	Baramati	3 Feb	15 days
48	Miss. Aishwarya R. Shinde	2018BTEME00038	Cummins Fuel Systems	Phaltan	11 Jan	15 days
49	Mr. Vaibhav Gaganmale	28	Mahabal Metals Private limited	Miraj	10 Feb	15 days
50	Mr. Abhishek R. Shinde	2018BTEME00044	Mahabal Metals Private limited	Miraj	10 Feb	15 days
51	Mr. Adinath D. Kumnharkare	2019BTEME00041	Mahabal Metals Private limited	Miraj	10 Feb	15 days
52	Mr. Abhishekh R.shinde	2018BTEME00044	Hare Madhav Motors, LLP	Miraj	5 Feb	15 days
53	Mr. Shreyas Nitin Disale	2018BTEME00082	KPT Industries Ltd.	Shirol	2 Feb	15 days
54	Mr. Abhishek Gokul Dandgavhal	2019BTEME00203	Technoforce solutions Private Limited	Nashik	1 Feb	15 days
55	Mr. Prajwal Y. Honkalas	2017BTEME00011	Tata Motors	Sangli	25 Jan	15 days

