

PRAGATI ENGINEERING COLLEGE (Autonomous)

DEPARTMENT OF MECHANICAL ENGINEERING PAPER PUBLICATIONS FOR THE ACADEMIC YEAR 2020-21

S no	Name of the Faculty	Title of the paper	Journal Name	Volume& Issue	ISSN number	Month - Year	Journal Type
1	Dr. M.L.Chaitanya Anil Kumar Reddy Karri Ch. Vinay Dileep M.V.V.Siva Krishna	Analysis On Piston Rings Using Different Materials	IJMERT	Vol 13, Issue 1	2454 – 535X	Mar-21	UGC Approved
2	P. Chinna B.Siva Naga Ramya S. Hemani A. Sree Vineesha	Modelling And Analysis Of Cantilever Beam With Variousparameters	IJMERT	Vol 13, Issue 1	2454 – 535X	Feb-21	UGC Approved
3	Dr.G.Satish	Electromagnetic And Microwave Absorption Properties Of Mwcnts Based Polymer Nano Composites	Emerald'S Worlds Journal of Engineering	Vol 18, No 6, pp 817-825	1708-5284	Feb-21	SCOPOUS & WEB OF SCIENCE
4	Mr.B.Bharat kumar	A Review On Performance Evaluation Of Pelton Turbine	AJIREAS	Vol 6, Issue 2	2455-6300 (online)	Feb-21	Others
5	Mr.G.Avinash, Dr.S.Sambhu prasad	Modeling And Optimisation Of Wear Parameters Of Al 4032 Reinforced With Coal Ash Using Taguchi And Rsm	Composite theory and practice	21: 1-2 (2021) 3-11	2299-128x	Feb-21	US & WEB OF S
6	Dr. R. Dharmalingam	Modelling And Evaluation Of Combustion Emission Characteristics Of Come Biodiesel Using Rsm And Ann— A Lead For Pollution Reductio	Environmental Science and Pollution Research	-	0944-1344	Jan-21	SCI & SCOPUS
7	Mr.B.Bharath Kumar	Experimental Setup For Heat Transfer Analysis On Rectangular Plate By Natural Convection	International Journal of Engineering Research and Applications	Vol 11, Issue 1, pp 01-07	2248-9622	Jan-21	Others
8	A. Phani Bhaskar	Design And Fatigue Analysis Of Leaf Springs With Different Cross Section	International Journal of Multi-Disciplinary Educational Research	2020	2277-7881	Jun-20	UGC
9	Dr. S. Sambhu Prasad Dr. G. Satish	Flow Behavior On Aerofoil Using Cfd	Journal of Mechanical engineering, automation and control systems	Vol 1, Issue 1	2669-1361	Jun-20	Other
10	Dr. S. Sambhu Prasad	System Designing On Smart Operation For Predictive Maintenance	TEST Engineering & Management	Vol 83	0193-4120	Jul-20	Others
11	Dr. B.S.V. Ramarao, Mr. P. Ramprasad	Optimization Of Cnc Lathe Machining By Using Taguchi Method	Journal of Research in Mechanical engineering and applied mechanics	Vol 7, Issue 7	2348-4470	Jul-20	Other
12	Mr. G. Avinash	Optimization Of Process Parameters Of Awjm On Aa6061-7.5% Sic Mmc For Lower Surface Roughness And Higher Mrr	International Journal of Engineering Applied Sciences and Technology	Vol 5, Issue 3	2455-2143	Jul-20	Other
13	Mr. G.V.N. Santosh Mr. V. Nagababu	Modeling And Finite Element Analysis Of Functionally Graded Composite Shell Structures	International journal of analytical and experimental modal analysis	Vol XII, Issue VIII	0886-9367	Aug-20	Other
14	Mr. Srikanth srimanthula Mr. A. Phani Bhaskar	Design And Comparison Analysis Of Chain Drive With Different Materials	International journal of analytical and experimental modal analysis	Vol XII, Issue VIII	0886-9367	Aug-20	Other
15	Mrs. Aravinda Karri Mr. Shaik khaleel pasha	Cfd And Thermal Analysis Of Solar Collectors By Using Fea Technique	International journal of analytical and experimental modal analysis	Vol XII, Issue VIII	0886-9367	Aug-20	Other
16	Dr. R. Dharmalingam	Heat Swapping Analysis For A Finned Heat Pipe Using Cfd	Journal of Advancement in Engineering & Technology	-	2348-2931	Sep-20	other
17	Dr. R. Dharmalingam	Engine-Bracket Drilling Fixture Layout Optimization For Minimizing The Workpiece Deformation, Engineering Computations	Engineering Computations	2020	0264-4401	Sep-20	SCIE
18	Mr. D.J. Johnson, Mr. M. Rambabu	Performance Of A Finned-Tube Evaporator Optimized For Different Mixed Refrigerants On System Efficiency	International journal of analytical and experimental modal analysis	Vol XII, Issue IX	0886-9367	Sep-20	Other
19	Dr. R. Dharmalingam	Structural And Suitability Analysis Of Aluminium Metal Matrix Composites For Ic Engine Mountings	Materials today	Proceedings 37 (2021)	1369-7021	Oct-20	SCOPUS & WEB OF SCIENCE
20	Mr. A. Phani Bhaskar	Study On Conceptual Design And Shape Optimisation Of Pintle Nozzle Of A Rocket	i managers journal of mechanical Engineering	2020	2249-0744	Oct-20	Other
21	Mr. G. Nagarjuna varma Mr.J.Suresh	CFD Analysis Of Fe3O4 Nanofluid Flow In An Elliptical Tube Inside A Circular Tube With Inserts	International journal of analytical and experimental modal analysis	Vol XII, Issue XI	0886-9367	Nov-20	Other
22	Dr. S. Sambhu Prasad Mrs. Anusha Srikanta	Design, Fabrication And Testing Of 3D Printing Models Of Flexure Mechanism	International Journal Research	Vol IX, Issue XI	2236-6124	Nov-20	Other
23	Dharmalingam R	Types Of Batteries Used In Electric Vehicles	Journal of Current Trends in Electrical Engineering	Vol 5, Issue 3	-	Nov-20	Other
24	Dr. B.S.V. Rama rao	Determination Of Input Set Through Multi Objective Optimisation Of Pmedm Output Parameters Using Modified Topsis	i managers journal of mechanical Engineering	2020	2347-2235	Nov-20	Other
25	Dr.G.Satish	Biodiesel Production From Low-Grade Oil Using Heterogeneous Catalyst: An Optimization And Ann Modelling	Australian Journal of Mechanical Engineering	2020	1448-4846	Nov-20	SCOPUS & WEB OF SCIENCE

S no	Name of the Faculty	Title of the paper	Journal Name	Volume& Issue	ISSN number	Month - Year	Journal Type
26	Dr.B.S.V.Ramarao	Identification Of Better Set Of Values For Input Parameter Through Multi Objective Optimisation	Journal of Research in Mechanical engineering and applied mechanics	Vol 5, Issue 3	-	Dec-20	Other
27	Mr. V.V.N .Sarath Mr. A. Udaya Bhaskar	Thermal Analysis On Glass-Fibre Reinforced Polymer Composite Rebars	International journal of analytical and experimental modal analysis	Vol XII, Issue XII	0886-9367	Dec-20	Other
28	Mr. Avinash G Dr. S. Sambhu Prasad Dr.D.Lingaraju	Influence Of Rha Reinforcements On Mechanical And Wear Behavior Of Ai 4032 Composites	Emerging Materials Research	Vol 9, Issue 4	1237-1249	Dec-20	SCIE

PRAGATI ENGINEERING COLLEGE :: SURAMPALEM
FDP (MEC) - 2020-21

Dates (from-to) (DD-MM-YYYY)	Title of the conference/ workshops/ name of the professional body	Name of the teacher
01-06-2020 to 05-06-2020	A Five Day FDP on Advancements in phase change material based thermal and renewable energy technologies,Lakireddy Balireddy College of Engineering, Mylavaram	Mr.N.Raghuveer
01-06-2020 to 05-06-2020	A Five Day FDP on Advanced Manufacturing Enterprise in Digital Era,AITAM, Tekkali	Mrs.S.Hemani
02-06-2020 to 06-06-2020	A Five Day FDP on Emerging trends in Mechanical engineering, St Peters College of Engineering	Mrs.K.Aravinda
10-06-2020 to 15-06-2020	A One week FDP on Moodle Learning Management system, JNTUH College of Engineering, Sultanpure	Mr.A. Yeswanth
15-06-2020 to 20-06-2020	A One week on FDP Potential Research Areas in Mechanical Engineering, Vignan Institute of Technology & Science, Telangana	Mr.D.J.Johnson
15-06-2020 to 20-06-2020	A One week on FDP on Research Trends in Mechanical Engineering,GEC , Gudlavalleru	Mr.J Suresh
22-06-2020 to 26-06-2020	A Five Day FDP on Advancements in manufacturing and optimization techniques,Jayamukhi Institute of Technological Sciences	Ms.Deeprani katta
22-06-2020 to 26-06-2020	A One week FDP on Optimization techniques and Tools For Mechanical Engineers, Sreenidihi Institue of Science and Technology, Hyderabad	Dr.R.Dharmalingam
25-06-2020 to 30-06-2020	A One week FDP on Emerging Automotive Technologies, Kalasalingam Academy of Research & Education, Tamil Nadu	Mr. P Ram Prasad
29-06-2020 to 03-07-2020	A One week FDP on ADVANCED MATERIALS AND MANUFACTURING, KITS, WARANGAL	Mr.A.Phani Bhaskar
04-07-2020 to 10-07-2020	A Seven Day FDP on Advancements in Mechanical Engineering, GATES Institute of Technology, Ananthapuram	Ms. M Amrutha

06-07-2020 to 10-07-2020	A One week FDP on Recent Advances in Mechanical Engineering : A Research Perspective, MGIT, Hyderabad	Dr.B.S.V.Ramarao
06-07-2020 to 11-07-2020	A One Week National level FDP on Mathametical Aspects of Fluid Dynamics, SVPIT, Vasda	Ms. K. Tulasi
13-07-2020 to 17-07-2020	A Five Day FDP on RESERCH INNOVATION IN MECHANICAL ENGINEERING ,SASI, Tadepalligudem	Mrs.B.Anusha Srikanta
03-05-2021 to 08-05-2021	A One week FDP on "Additive manufacturing", GIET, Rajahmundry	Mr.S.Anjaneyulu
09-06-2020 to 13-06-2020	A One week Hybrid Energy Storage Systems – DPE, Department of EEE, Pragati Engineering College, Surampalem	Mr. V.V.N Sarath
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Dr. S. Sambhu Prasad
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Dr. M.L.Chaitanya
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Dr. Chollangi Rajesh
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. Nagarjuna Varma Gunna
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. A Udaya Bhaskar
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mrs. S.Swetha Radha
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. V V Satyanarayanamurty N
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. S. Srikanth

09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. G.V.N.Santhosh
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. M. Sunil Raj
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Ms. P Gayatri
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Ms. V. Sandhya Rani
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Ms. U.Chaitanya Vardhini
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. B. Hari Krishna
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. V Naga Babu
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. Makireddi Rambabu
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. Anil Kumar Reddy Karri
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. Ch. Vinay Dileep
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. P. Chinna
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. A. Anil Kumar
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Ms. Bandaru Siva Naga Ramya
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. P.Srinivasa Rao

09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. M.V.V.Siva Krishna
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. Rama Krishna Kadium
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mr. K.L. Sai Kishore
09-06-2020 to 13-06-2020	A 5 day Online Faculty Development Programme on “Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies”, organized by Department of Mechanical Engineering, Pragati Engineering College (Autonomous), Surampalem	Mrs. A. Sree Vineesha

PRAGATI ENGINEERING COLLEGE :: SURAMPALEM
WORKSHOP (MEC) - 2021-22

Dates (from-to) (DD-MM-YYYY)	Title of the conference/ workshops/ name of the professional body	Name of the teacher
28-05-2020 to 03-06-2020	A One week Research Among Youth 2020, VARDHAMAN COLLEGE OF ENGINEERING, Hyderabad	Mr. G. Avinash
08-06-2020 to 13-06-2020	A One week Disruptive Technologies in Mechanical Engineering, Sreenidhi Institute of Science & Technology, Hyderabad	Mr. Shaik Khaleel Pasha
07-08-2020 to 11-08-2022	AOTMER, Vitarka Projects	Dr G Satish
24-03-2021 to 30-03-2021	A One week Hybrid Energy Storage Systems – DPE, Department of EEE, Pragati Engineering College, Surampalem	Mr. V.V.N Sarath