

# PRAGATI ENGINEERING COLLEGE (Autonomous)

## DEPARTMENT OF MECHANICAL ENGINEERING PAPER PUBLICATIONS FOR THE ACADEMIC YEAR 2018-19

S no	Name of the Faculty	Title of the paper	Journal Name	Volume& Issue	ISSN number	Month - Year	Journal Type
1	Mr. D.J. Johnson Mrs. B. Anusha Srikanta Mr. S. Srikanth	Shake Table Experiment On Reactor Vessel	IJESI	Vol 8, Issue 1, Ver 1	2319 – 6734	2019	Other
2	Mr. P. Srinivasarao	Design And Analysis Of Vortex Generators For Reducing Drag Force In Automobiles By Using Cfd	International Journal of Scientific Development and Research (IJSDR)	Vol 4, Issue 5	2455-2631	2019	Other
3	Dr. G. Satish	Flow Behaviour On Elbow With Various Geometrics Of Nozzles	I managers journal of mechanical engg.	9(2), pp 43-51	2249-0744	2019	Other
4	Mr.G.Avinash Ms. M. Amrutha Mr. M. Sunilraj	Optimization Of The Francis Turbine To Get The Better Performance And To Decrease The Vibrational Effects In The Loading Conditions	European Journal of Business & Social	2021	2235-767X	2019	Other
5	Dr. Ch. Venkatadri Naidu Dr. P VVNR Prasad Raju Mr.V. Ravi Veera Chowdary Mr. D.V.G.Srinivas	Cfd Analysis Of A Parabolic-Trough Collector Using Nano-Fluids	IJMECE	Vol 7, Issue 2	2321-2152	May-19	UGC Approved
6	Mr. M. Vijaya Kumar Mr.G Balakrishna Reddy Mr.K. Satya Vara Prasad Ms. D.Mahalakshmi	Computational Fluid Analysis Of Different Airfoil Shapes	IJMERT	Vol 11, Issue 1	2454 – 535X	Jan-19	UGC Approved
7	Dr S. Sambhu Prasad Mr. G. Avinash	Effect Of Equal Channel Angular Pressing On The Mechanical Properties Of Al 4032–SiO2 Nano Composite Material	International Journal of Technical Innovation in Modern Engineering & Science	Vol 4, Issue 6	2455-2585	2018	Other
8	Mrs. Ch. Vasantha lakshmi Mr. D.J. Johnson Mrs. K. Aravinda	Design Of Multi Contact–Aided Cellular Compliant Mechanisms For Stress Relief	International Journal of Technical Innovation in Modern Engineering & Science	Vol 4, Issue 6	2455-2585	2018	Other
9	Dr S. Sambhu Prasad Mrs. B. Anusha Srikanta	Simulation Analysis On Femur Bone Along With Fracture Fixation Plate	International Journal of Technical Innovation in Modern Engineering & Science	Vol 4, Issue 6	2455-2585	2018	Other
10	Mr. S. Srikanth Mr. G.V.N. Santhosh	Design Optimization Of Aerodynamic Drag At The Rear Of Generic Passenger Car	International Journal of Technical Innovation in Modern Engineering & Science	Vol 4, Issue 6	2455-2585	2018	Other
11	Dr. S. Sambhu Prasad Dr. G. Satish	Experimental Studies On Mechanical Properties Of Polymer Based Composites	I managers journal of mechanical engg.	2018	2249-0744	2018	Other

**PRAGATI ENGINEERING COLLEGE :: SURAMPALEM**  
**FDP (MEC) - 2018-19**

<b>Dates (from-to) (DD-MM-YYYY)</b>	<b>Title of the conference/ workshops/ name of the professional body</b>	<b>Name of the teacher</b>
08-10-2018 to 12-10-2018	A Five Day FDP on "Futuristic Trends in Thermal Engineering" , GIET Rajamundhry	Ms. Ch. Manjusha
08-10-2018 to 12-10-2018	A Five Day FDP on "Futuristic Trends in Thermal Engineering" , GIET Rajamundhry	Ms. V. Sandhya Rani
08-10-2018 to 12-10-2018	A Five Day FDP on "Futuristic Trends in Thermal Engineering" , GIET Rajamundhry	Mr. M.R.K.R. Chowdary
29-10-2018 to 03-11-2018	A One week FDP on Advances in Materials and Manufacturing Processes, UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(A), JNTUK-KAKINADA	Dr.S.Sambhu Prasad
29-10-2018 to 03-11-2018	A One week FDP on Advances in Materials and Manufacturing Processes, UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(A), JNTUK-KAKINADA	Mr.G.Avinash
29-10-2018 to 03-11-2018	A One week FDP on Advances in Materials and Manufacturing Processes, UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(A), JNTUK-KAKINADA	Ms.M.Amrutha
15-11-2018 to 16-11-2018	FDP on ROBOTICS and Automation, Gonna Institute of IT &Sciences, Gonnavanipalem	Mr. G. Naveen Kumar
26-11-2018 to 01-12-2018	A One week FDP on "Noise & Vibration Control of Structures: Engineering Applications", UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(A), JNTUK-KAKINADA	Mr.M.Sunil Raj
26-11-2018 to 01-12-2018	A One week FDP on "Noise & Vibration Control of Structures: Engineering Applications", UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(A), JNTUK-KAKINADA	Mr.P.Sukumar

26-11-2018 to 01-12-2018	A One week FDP on "Noise & Vibration Control of Structures: Engineering Applications", UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(A), JNTUK-KAKINADA	Mr.G.Panduranga
13-12-2018 to 15-12-2018	FDP on computational fluid dynamics and engineering simulations, West Godavari Institute of Science & Engineering, Tadepalligudem	Mr. V.V.N.Sarat
11-02-2019 to 16-02-2019	A One week FDP on Advanced Vibration Analysis and its Practical Applications, UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(A), JNTUK-KAKINADA	Mr. V.Nagababu
09-05-2019 to 14-05-2019	A Two week FDP on Improving teaching skills in the subject 'Heat Transfer', UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(A), JNTUK-KAKINADA	Mr. A.PhaniBhaskar
16-05-2019 to 24-05-2019	A Two week FDP on Applied Robotics and control, German Center for Advanced Engineering and Management Studies UG and APS GmbH-European Centre for Mechatronics, GERMANY	Mr. G.V.N.Santhosh
January - April 2019	IC Engines and Gas Turbines, NPTEL-AICTE Online	Mr. N.Raghuveer
January - April 2019	IC Engines and Gas Turbines, NPTEL-AICTE Online	Mr. M.Vijaya Kumar
January - April 2019	IC Engines and Gas Turbines, NPTEL-AICTE Online	Mr. A.Yeswanth
February -April 2019	Steam and Gas Power Systems, NPTEL-AICTE Online	Mr. M.Rambabu
July-October 2018	Energy Conservation and Waste Heat Recovery, NPTEL-AICTE Online	Mrs. Ch. Vasantha Lakshmi
August - Sepetember 2018	Manufacturing of Composites, NPTEL-AICTE Online	Mr. S.Srikanth

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**WORKSHOP (MEC) - 2018-19**

<b>Dates (from-to) (DD-MM-YYYY)</b>	<b>Title of the conference/ workshops/ name of the professional body</b>	<b>Name of the teacher</b>
12-06-2018 to 14-06-2018	Industry 4.0 Academia Initiatives in Mechanical engineering, Malla Reddy College of Engineering and Technology, Hyderabad	Mr.A.V.RamanaRao
02-07-2018 to 06-07-2018	Digital Driven Desgin Manufacturing on 3dx Platform, Lakireddy Bali Reddy College of Engineering	Mr.D.J.Johnson
02-07-2018 to 07-07-2018	CNC & Robotics Programming in Manufacturing Industries, JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY(JNTUK) KAKINADA	Dr. G.Satish
02-07-2018 to 06-07-2018	Digital Driven Desgin Manufacturing on 3dx Platform, Lakireddy Bali Reddy College of Engineering	Mr.K.Viswatej
11-12-2018 to 15-12-2018	Hybird and Electric Vehicle Technologies (HEVT 2018), MVGR College Of Engineering, Vizianagaram.	Mr.P.SrinivasaRao
01-02-2019 to 02-02-2019	Contemporary Issues on Advanced Materials for Noise and Vibration Applications, Vellore Institute of Technology, CHENNAI	Dr.M.L.Chaitanya
01-02-2019 to 02-02-2019	Contemporary Issues on Advanced Materials for Noise and Vibration Applications, Vellore Institute of Technology, CHENNAI	Mr.K.Dinesh Babu
Janaury - April 2019	Manufacturing Process Technology, NPTEL-AICTE Online	Mrs.K.Aravinda
Janaury - April 2019	Introduction to Composites, NPTEL-AICTE Online	Mrs. B.Anusha Srikanta
Janaury - March 2019	Fundamentals of Welding Science and Technology, NPTEL-AICTE Online	Ms. D.Maha Lakshmi



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DEPARTMENT OF MECHANICAL ENGINEERING

<b>S.no</b>	<b>Course Name</b>	<b>AY</b>	<b>Name of the Faculty</b>	<b>Certificate Type</b>
1	Manufacturing of composites	2018(JULY -NOV)	S Srikanth	Successfully completed
2	strength of materials	2018(JULY -NOV)	P srinivasa Rao	Successfully completed
3	strength of materials	2018(JULY -NOV)	Routh Rajesh	Elite