

PRAGATI ENGINEERING COLLEGE (Autonomous)

DEPARTMENT OF MECHANICAL ENGINEERING PAPER PUBLICATIONS FOR THE ACADEMIC YEAR 2019-20

S no	Name of the Faculty	Title of the paper	Journal Name	Volume& Issue	ISSN number	Month - Year	Journal Type
1	Dr. G. Satish	Comparative Study Of Different Pipe Geometries Using Cfd	ELSEVIER Materials Today	Vol 33, Part 8	1369-7021	Apr-20	SCOPUS
2	Dr. G. Satish	Flow Behaviour On Elbow With Various Geometries Of Nozzle	i-manager's Journal on Mechanical Engineering	9 (20) , PP 43-51	2249-0744	Apr-20	Other
3	K.L. Sai Kishore Rama Krishna Kadiam S. Anjaneyulu V. Sandhya Rani	Computational Fluid Analysis On Electronic Devices To Demonsrate The Thermal Effects On Material	IJMERT	Vol 12, Issue 1	2454 – 535X	Mar-20	UGC Approved
4	A. Phani Bhaskar	A Review On Use Of Plastic In Construction Of Roads	Journal of Advancement in Engineering and Technology	Vol 7, Issue 4	2348-2931	May-20	Other
5	A. Phani Bhaskar	Design And Fatigue Analysis Of Steering Components	International Journal of Enhanced Research in science, technology and Engineering	Vol 9, Issue 5	2319-7463	May-20	SCOPUS
6	Mr. Srikanth srimanthula Dr. B.S.V. Ramarao	Numerical Simulation For Heat Swapping Behavior On Various Pipe Geometries	i-manager's Journal on Mechanical Engineering	2020	2249-0744	May to July-2020	Other
7	Mr. G. Naveen Kumar Mr. K.Viswa Teja Mr. Kadali Dinesh Babu Mr. M R K R Chowdary	Design And Development Of Two Fingers And Four Fingers Grippers For Robotic Application	IJMECE	Vol 7, Issue 2	2321-2152	Dec-19	UGC Approved
8	Mr. Menda Santhan Kumar Mr. P.Chinna Dr. Chollangi Rajesh Mr.A. Anil Kumar	Performance And Analysis Of A Condenser With Different Refrigerants Using Cfd	IJMERT	Vol 11, Issue 3	2454 – 535X	Sep-19	UGC Approved
9	Mr. V. Nagababu	Significance Of Using Hydraulic Oil As Working Fluid In Hydraulic Hybrid Vehicles	International journal of engineering applied science and technology	Vol 4, Issue 4, pp 115-118	2455-2143	2019	Other
10	Dr. G. Satish	Some Studies Of Mechanical And Thermal Behavior Of Cnt Based E-Glass Fiber Composites	i-manager's Journal on Mechanical Engineering	2019	2249-0744	2019	Other
11	Dr. B. S. V. Ramarao Mr. S. Srikanth	Modeling Study And Dynamic Analysis Of Drive Shaft Of An Automobile Using Composites	International Journal of Research	Vol VIII, Issue XI	2236-6124	2019	Other
12	Mr. D. J. Johnson	Influence Of Welding Speed On Tensile Strength Of Welding In Tig Welding Process	International Journal of Research	Vol VIII, Issue XI	2236-6124	2019	Other
13	Mrs. Ch. Vasantha lakshmi	Performance Of Piston Rod And Collar In Hydraulic Cylinder With Different Shapes And Material Configuration	International Journal of Research	Vol VIII, Issue XI	2236-6124	2019	Other

PRAGATI ENGINEERING COLLEGE :: SURAMPALEM
FDP (MEC) - 2019-20

Dates (from-to) (DD-MM-YYYY)	Title of the conference/ workshops/ name of the professional body	Name of the teacher
04-06-2019 to 15-06-2019	A Two week FDP on Noise Acoustics,vibration control and measurement in various engineering applications with hands on sessions, UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(A), JNTUK-KAKINADA	Mr.M.Rambabu
04-06-2019 to 15-06-2019	A Two week FDP on Noise Acoustics,vibration control and measurement in various engineering applications with hands on sessions, UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(A), JNTUK-KAKINADA	Mrs.K.Aravinda
17-06-2019 to 22-06-2019	One week FDP on Advancements in Manufacturing and Welding, UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(A), JNTUK-KAKINADA	Dr.S.Sambhuprasad
17-06-2019 to 22-06-2019	One week FDP on Advancements in Manufacturing and Welding, UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(A), JNTUK-KAKINADA	Mr.G.Avinash
29-07-2019 to 03-08-2019	A One week FDP on Recent advances in composite materials and analysis of composite structures sponsored by AICTE, UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(A), JNTUK-KAKINADA	Mrs.B.Anusha Srikanta
29-07-2019 to 03-08-2019	A One week FDP on Recent advances in composite materials and analysis of composite structures sponsored by AICTE, UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(A), JNTUK-KAKINADA	Mr.P.Ramprasad
05-08-2019 to 12-08-2019	A One week FDP on Advanced Industrial Robotics,VIT-AP, Amaravathi	Mr.G.V.N.Santhosh
22-08-2019 to 24-08-2019	Recent Trends In Quality Management, St.Johns College of Engineering, Kurnool	Mr. A Udaya Bhaskar

26-08-2019 to 31-8-2019	A One week FDP on Recent Trends in power electronics applications in smart Grid,electric vehicles and renewable energy organized by E and ICT Academy, NIT Warangal	Mr.S.Srikanth
11-11-2019 to 15-11-2019	A Five Day FDP on Recent Advancements in Thermal Energy Systems, Sasi Institute of Technology,Taepalligudem	Mr.G.Nagarjunavarma
14-11-2019 to 27-11-2019	Two week Faculty Development programme on “Precession Engineering and Machining, Anurag Group of Institutions, Hyderabad	Dr.B.S.V.Ramarao
19-11-2019 to 23-11-2019	A Five Day FDP on "Advances in welding and its applications"GIET Rajahmundry	Mrs.A. Sri vineesha
02-03-2020 to 07-03-2020	A Five Day FDP on "Hybrid electric vehicles", GIET Rajahmundry	Ms.B.Shiva Naga Ramya
02-03-2020 to 07-03-2020	A Five Day FDP on "Hybrid electric vehicles", GIET Rajahmundry	Mr.K. Rama Krishna

PRAGATI ENGINEERING COLLEGE :: SURAMPALEM
WORKSHOP (MEC) - 2019-20

Dates (from-to) (DD-MM-YYYY)	Title of the conference/ workshops/ name of the professional body	Name of the teacher
02-07-2019 to 04-07-2019	Solar Powered Air Conditioning, Gonna Institute of IT & Sciences, Gonnavanipalem	Ms. K Deep Rani
15-07-2019 to 16-07-2019	MEMS In Industrial Automation, Sasi Engineering College, Tadepalligudem	Mr. S. Anjaneyulu
01-08-2019 to 03-08-2019	A Three Days National workshp on "Computational fluid dynamics - CFD Using Ansys Fluent", VSM College of engineering, Ramchandrapuram	Mr.A.Yeswanth
01-08-2019 to 03-08-2019	A Three Days National workshp on "Computational fluid dynamics - CFD Using Ansys Fluent", VSM College of engineering, Ramchandrapuram	Mr. N.Raghuveer
01-08-2019 to 03-08-2019	A Three Days National workshp on "Computational fluid dynamics - CFD Using Ansys Fluent", VSM College of engineering, Ramchandrapuram	Mr.A.Phani bhaskar
01-08-2019 to 03-08-2019	A Three Days National workshp on "Computational fluid dynamics - CFD Using Ansys Fluent", VSM College of engineering, Ramchandrapuram	Mr. J.Suresh
07-08-2019 to 11-08-2019	A Five Days Workshop on "Hands on practice- Writing technical research articles and reports", NIT, Warangal	Mr.V.V.N.Sarath
13-05-2020 to 18-05-2020	A Two Week Workshop on Applied Industrial Robotics, GIET Rajahmundry	Mr.D.J.Johnson
July- September 2019	Operations Research, NPTEL-AICTE Online	Ms.M.Amrutha
July- September 2019	Refrigeration and Air Conditioning, NPTEL-AICTE Online	Ms.P.Gayathri
August- October 2019	Accreditation and Outcome Based Learning, NPTEL-AICTE Online	Dr.R.Dharmalingam



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 DEPARTMENT OF MECHANICAL ENGINEERING

S.no	Course Name	AY	Name of the Faculty	Certificate Type
1	Accreditation and outcome based	2019(JULY-NOV)	Dharmalingam K	NPTEL -AICTE
2	Engineering Metrology	2019(JULY-NOV)	Arabinda K	Elite
3	Fundamentals of manufacturing p	2019(JULY-NOV)	B.Anusha Srikanth	Elite
4	Fundamentals of manufacturing p	2019(JULY-NOV)	S.Srikanth	Successfully completed
5	Fundamentals of manufacturing p	2019(JULY-NOV)	P Ramprasad	Successfully completed
6	Engineering metrology	2019(JULY-NOV)	A phani Bhaskar	Elite
1	fundamentals of welding science	2019(JAN-APRIL)	viswatej	Elite
2	fundamentals of welding science	2019(JAN-APRIL)	D.Mahalakshmi	Elite
3	fundamentals of welding science	2019(JAN-APRIL)	A phani Bhaskar	Successfully completed
4	Engineering Mechanics -Statics a	2019(JAN-APRIL)	M.Vijaya kumar	Elite
5	Engineering Mechanics -Statics a	2019(JAN-APRIL)	P srinivasa Rao	Successfully completed
6	concept of thermodynamics	2019(JAN-APRIL)	P . sukumar	Elite
7	Manufacturing process Technolo	2019(JAN-APRIL)	K.Aravinda	Elite
8	Manufacturing process Technolo	2019(JAN-APRIL)	P.Srinivasa Rao	Elite
9	introduction to composites	2019(JAN-APRIL)	Amrutha	Successfully completed
10	Material Characterization	2019(JAN-APRIL)	VVN Sarath	Successfully completed
11	introduction to composites	2019(JAN-APRIL)	G.Avinash	Elite
12	Non -Conventional energy resour	2019(JAN-APRIL)	GVN santhosh	Successfully completed
13	conduction and convection heat t	2019(JAN-APRIL)	Routh Ragesh	Successfully completed
14	IC engines and Gas Turbines	2019(JAN-APRIL)	M.Vijaya Kumar	Elite
15	IC engines and Gas Turbines	2019(JAN-APRIL)	A Yeswanth	Elite
16	IC engines and Gas Turbines	2019(JAN-APRIL)	P.Srinivasa Rao	Successfully completed
17	IC engines and Gas Turbines	2019(JAN-APRIL)	N.Raghuveer	Successfully completed
18	steam and gas power systems	2019(JAN-APRIL)	M.Rambabu	Elite
19	convective heat transfer	2019(JAN-APRIL)	ch.vasantha Lakshmi	Successfully completed
20	joining technologies for Metals	2019(JAN-APRIL)	J.Johnson	Successfully completed