

Mr. K.PRASHANTH REDDY, ASSISTANT PROFESSOR of **MECH Dept.** (ID-1121)

Qualifications: Pursuing **Ph.D** (Mechanical Engineering)
(JNTU- Hyderabad, Registered in 2012),
COMPLETED Pre Ph.D and Coursework in SEPTEMBER 2013.
M.Tech (ThermaLEngg) (JNTU- Hyderabad, 2007)
B.Tech (Mechanical Engineering) (JNTU- Hyderabad, 2001)



Experience: 14 years

Research Interest: Heat Transfer, CFD

Journal Publications/Conference Proceedings: 04

International Journal publications:

1. Bhramara, Panitapu, T. K. K. Reddy, and **K. Prashanth Reddy**. "CFD Analysis of Desktop Heat Sink." *Journal of Enhanced Heat Transfer* **15.3 (2008).pp 261-272**. Published by Begell house Inc.(**impact factor 0.6**) 50 cross highway, Redding, CT 0689 USA.

International/National conference publications:

2. INTERNATIONAL CONFERENCE: Paper titled CFD ANALYSIS ON A 3D HEAT SINK published in the 19th national and 8th **ISHMT-ASME** Heat and Mass Conference held on January 3-5 2008 at JNTUCE KUKATPALLY HYDERABAD.
3. N.Sateesh, C.S.P. Rao, **K.Prashanth Reddy**, and R.Raman Goud, **Design of Cam-Follower Mechanisms Using Rational B-Splines**, **International Conference on Advanced Materials and Manufacturing Technologies (AMMT)**, JNTUH, Hyderabad, India, 18-20, December, 2014, pp. 184-192.
4. **K. Prashanth Reddy**, Bhramara Panitapu, G.Arun Reddy, **Investigation Of Cooling Rate Enhancement In Thermoplastic Injection Moulds With Different Core And Cavity Insert Cooling Channel Designs** .1st International ISHMT-ASTFE Heat and Mass Transfer Conference, IHMTC2015, 17-20 December, 2015, ISRO, Thiruvananthapuram, India.

FDP/STTP/TRAINING/WORKSHOPS ATTENDED

NAME OF THE FACULTY	Title (FDP/STTP/TRAINING/WORKSHOPS)	YEAR	DETAILS (DATE AND YEAR)
KATPALLY PRASHANTH REDDY	FDP ON A GUIDE TO A PASSIONATE TEACHER	2015-2016	29 TH JUNE -4 TH JULY 2015
KATPALLY PRASHANTH REDDY	A TWO DAY WORKSHOP ON ADV. .COGNITIVE AND OTHER OPT.TECH	2015-2016	8 TH JAN-9 TH JAN 2016
KATPALLY PRASHANTH REDDY	FDP ON ADV.IN MEMS AND NEMS TECH	2015-2016	19 TH NOV-21 ST NOV 2015
KATPALLY PRASHANTH REDDY	FDP ON STEPS -2015	2015-2016	28 TH DEC TO 30 TH DEC 2015
KATPALLY PRASHANTH REDDY	1 ST ISHMT ASTFE INTERNATIONAL CONFERENCE AT ISRO TRV	2015-2016	17 TH DEC-19 TH DEC 2015
KATPALLY PRASHANTH REDDY	FDP ON STEPS -2014	2014-2015	16 TH DEC-17 TH DEC 2014
KATPALLY PRASHANTH REDDY	A 3 DAY FDP ON ADDITIVE MANUFACTURING	2014-2015	25 TH MAR-27 TH MAR 2015
KATPALLY PRASHANTH REDDY	WORKSHOP ON RESEARCH METHODOLOGY COURSE	2013-2014	16 TH DEC-21 ST DEC 2013
KATPALLY PRASHANTH REDDY	TWO WEEK ISTE WORKSHOP ON ENGG MECH	2013-2014	26 TH NOV-6 TH DEC 2013