

NAME	<b>G.GOPALA KRISHNA</b>	
QUALIFICATIONS	<b>A.M.I.E., M.E., (Ph.D)</b>	
DATE OF BIRTH	<b>24<sup>th</sup> March 1974</b>	
AREA OF RESEARCH/SPECIALIZATION	<b>Friction Stir Welding</b>	
E MAIL ID	<b>krishkans@gmail.com</b>	
PHONE NUMBER	<b>+919490322346)</b>	

EXPERIENCE	<b>TEACHING: 5 Years      INDUSTRY: 13 Years</b>
SUBJECTS TAUGHT	

UG Level:	<b>Robotics, CAD/CAM, Automation in Manufacturing, Mechatronics, Plant Layout and Materials Handling ,Finite Element Method, Fluid Mechanics and Hydraulic Machinery, Machine Drawing, Environmental Science, Production Technology, Engineering Drawing.</b>
PG Level:	<b>Advanced Computer Aided Drafting, Computer Aided Manufacturing, Finite Element Analysis.</b>

ACHIEVEMENTS	
<u>APPOINTMENT</u>	<ul style="list-style-type: none"> <li>has been acting as a <b>Reviewer</b> for The Institute of Engineers (India) journal C, Kolkatta.</li> </ul>
<u>CONFERENCES/SEMINARS/SYMPOSIUMS CONDUCTED</u>	<ul style="list-style-type: none"> <li>Worked as Co-Coordinator for a Two Day <b>Workshop</b> on “Recent Developments in Mechanical Engineering” held on 12<sup>th</sup> and 13<sup>th</sup> February 2011.</li> </ul>

**PUBLICATIONS**

<b>International Conference:</b>	
<b>International Journals                    : 05      International Conferences                    : 03      National Conferences                    : 06</b>	
1. <b>G.Gopala Krishna</b> , P.Ram Reddy and M.Manzoor Hussain, “Hardness and Tensile Behavior of Friction Stir Welded Aluminum AA6351 Alloy ”, Journal of Mechanical Engineering, Transaction of Mechanical Engineering Division, The Institution of Engineers, Bangladesh, June 2014, Vol. ME 44, No.1, pp.23-26.	
2. <b>G.Gopala Krishna</b> , P.Ram Reddy and M.Manzoor Hussain, “Mechanical Behaviour of Friction Stir Welding Joints of Aluminium Alloy of AA6351 with AA6351 and AA6351 with AA5083 ”, International Journal of Engineering Trends and Technology (IJETT), Apr. 2014, vol. 10, no. 4, pp. 168 - 172.	
3. L.Sudheer, <b>G.Gopala Krishna</b> and Dr.C.Udaya Kiran, “Modelling and FEM analysis of Single Arm Robot”, International Journal of Innovative Technologies, Nov. 2013, vol. 01, issue 06, pp. 557-561.	
4. K.Jithendar Reddy, M.Manzoor Hussain, Sujith Sathyan and <b>G.Gopala Krishna</b> , “Analysis of Interfacial Microstructure of Post Weld Heat Treated Dissimilar Metal Weld of Type 316LN/C-Steel Joint”, IOSR (International Organization of Scientific Research) Journal of Mechanical and Civil Engineering (IOSR-JMCE), Sep – Oct. 2013, vol. 8, issue 2, pp. 01-06.	
5. <b>G.Gopala Krishna</b> , P.Ram Reddy and M.Manzoor Hussain, “Experimental Investigation of Tensile Strength and Deflection Characteristics of Friction Stir Welded Aluminum AA 6351 Alloy Joint”, IOSR (International Organization of Scientific Research) Journal of Mechanical and Civil Engineering (IOSR-JMCE), Jul. – Aug. 2013, vol. 7, issue 5, pp. 01-06.	
6. P.Naveen Kishore, <b>G.Gopala Krishna</b> , P.Diwakar Rao and V.Srinivasulu, “Torsional Vibration Analysis of	

- Pre-Twisted Cantilever Beam using FEA”, Proceedings of the 2<sup>nd</sup> International Conference on Advancements in Engineering and Management (ICAEM-2013), Pp. 340-344, held at Royal Institute of Technology and Science, Hyderabad, India, during 27<sup>th</sup> – 28<sup>th</sup> February 2013.
7. **G.Gopala Krishna**, P.Ram Reddy and Manzoor Hussain, “Experimental Investigation of Friction Stir Welding of Aluminum AA 6061 Alloy Joints Testing”, Proceedings of the National Conference on Recent Advances in Mechanical Engineering and their Impact on Indian Industries (RAMEIII-2012), Pp. 264-268, held at Poojya Doddappa Appa College of Engineering, Gulbaraga, Karnatka, India, during 20<sup>th</sup> – 22<sup>nd</sup> September 2012.
  8. **G.Gopala Krishna**, M.Manzoor Hussain, P.Ram Reddy and K.Linga Murthy, “Experimental Investigation of Friction Stir Welding of Aluminum 1080 Alloy Joint Testing for Aircraft Structures”, Proceedings of the International Conference on Computing, Communications, Systems and Aeronautics (ICCCSA-2012), Pp. 299-302, held at Malla Reddy College of Engineering and Technology, Secunderabad, A.P., India, during 30<sup>th</sup> and 31<sup>st</sup> March 2012.
  9. **G.Gopala Krishna**, Dr.P.Ram Reddy, Dr.M.Manzoor Hussain and P.Moulali, “Experimental Investigation Friction Stir Welded Aluminum AA 6351 Alloy Joint for Hardness and Tensile Strength Properties”, Proceedings of the National Conference on Excellence in New Technologies in Mechanical Engineering (ENTIME), Pp. 170-175, held at Department of Mechanical Engineering, Malla Reddy Engineering College, Secunderabad, A.P., India, during 12<sup>th</sup> and 13<sup>th</sup> December 2009.
  10. **G.Gopala Krishna**, Dr.P.Ram Reddy, Dr.M.Manzoor Hussain and Sridhara Reddy, “Evaluation of Parameters of Friction Stir Welding for Aluminum AA 6061 Alloy”, Proceedings of the National Conference on Excellence in New Technologies in Mechanical Engineering (ENTIME), Pp. 176-180, held at Department of Mechanical Engineering, Malla Reddy Engineering College, Secunderabad, A.P., India, during 12<sup>th</sup> and 13<sup>th</sup> December 2009.
  11. **Gopala Krishna.G**, Manzoor.H.M. and Ram Reddy.P , “Critical Review of Fatigue Properties of Friction Stir Welds of Aluminum Alloys”, Proceedings of National Conference on State of the Art Technologies in Mechanical Engineering (NCSAME-2009) held at JNTUH, College of Engineering, Hyderabad, India, during 20<sup>th</sup> and 21<sup>st</sup> Aug 2009.
  12. **G.Gopala Krishna**, Sridhara Reddy and Dr.C.Venkata Ramana Reddy, “A Millimeter, Micro level Gas Turbine for Power Generation”, Proceedings of National Conference on Evolving Trends in Mechanical Engineering (ETME-2009), Pp. 214-221, held at Oxford College of Engineering, Bangalore, Karnataka, India, during 13<sup>th</sup> – 14<sup>th</sup> March 2009.
  13. Sridhara Reddy, A.Siva Kumar, **G.Gopala Krishna** and Dr.Maheshwar Dutta , “The option of Hydrogen addition with CNG – a feasible achievement for S.I. Engines”, Proceedings for International Conference on Emerging Research and Advances in Mechanical Engineering (ERA – 2009), Pp. 24-28, held at Velammal Engineering College, Chennai, India during 19<sup>th</sup> – 21<sup>st</sup> March 2009.
  14. Sridhra Reddy, A.Siva Kumar, **G.Gopala Krishna** and Dr.Maheswar Dutta, “Compressed Natural Gas Direct Injection (CNGDI) – Valve Timing and Ignition Study”, Proceedings for National Conference on Advances in Mechanical Engineering (NCAME 09), Pp. 194-198, held at MCT’s Rajiv Gandhi Institute of Technology, Andheri (W), Mumbai, during 15<sup>th</sup> and 16<sup>th</sup> January 2009.

#### **Seminars/Workshops/Training Programs/Refresher Courses:**

1. Attended One day Faculty Development Program on “Geometric Dimensioning and Tolerancing - Impact of Quality on Product & Processes in Manufacturing” conducted by Department of Mechanical Engineering, J.B.Institute of Engineering & Technology, on 13<sup>th</sup> December 2013.

2. Participated Two-day Workshop on Design of Experiments, Taguchi Optimisation & Response Surface Methodology Organized by Department of Mechanical Engineering, JNTUH College of Engineering, Hyderabad, during 6<sup>th</sup> -7<sup>th</sup> December 2013.
3. Attended One day National Work Shop on “Advanced Trends in IC Engines and Combustion” conducted by Department of Mechanical Engineering, JNTUH College of Engineering, Hyderabad, on 28<sup>th</sup> February 2013.
4. Participated Two-day Faculty Development Program on “Effective Teaching Methodology” conducted by ISTE AP Section & J.B. Institute of Engineering & Technology, during 19<sup>th</sup> -20<sup>th</sup> October 2012.
5. Participated Two-day National Seminar on “Precision Engineering”, jointly organized by Mechanical Engineering Department, JNTUH, College of Engineering, Hyderabad and PRRM Engineering College, Hyderabad on 10<sup>th</sup> and 11<sup>th</sup> July 2009.
6. Participated Refresher Course on “Design Aspects of Mechanical & Aeronautical Engineering” sponsored by CMR Educational Society jointly organized by Malla Reddy College of Engineering and Technology and CM Engineering College, Secunderabad from 2<sup>nd</sup> – 9<sup>th</sup> July 2009.
7. Attended the MHRD sponsored short term Training program on “Digital Factory” during 25<sup>th</sup> Aug – 6<sup>th</sup> Sep 2008, organized by Department of Mechanical Engineering, National Institute of Technology, Warangal.
8. Participated in “A Two day Refresher Course in Internal Combustion Engines” on 18<sup>th</sup> – 19<sup>th</sup> June 2008, organized by Mechanical Engineering Department, Malla Reddy Engineering College, Secunderabad.

#### ADDITIONAL RESPONSIBILITY

- *Member of Board of Studies, Mechanical Engineering*
- **In charge : CAD/CAM Lab**