

## CURRICULUM VITAE



Name : KATURU BALA PRASAD

Father's Name : K. VENKATESWARA RAO

Date of Birth : 13-08-1966

**Objective** : Seeking a position in a challenging environment that will enable me to utilize my education & professional skills and which offer advancement opportunities

**Qualification** : 1) M. Tech., (Thermal Sciences)  
R.E.C., Calicut, Calicut University  
2) B. Tech., (Mechanical Engg.)  
V.R.Siddartha Engg.College, VJA  
Nagarjuna University.  
3) Pursuing Ph.D (at A.U ) under the guidance of Dr. I.N. Niranjan Kumar

**Total Experience** : 21 Years.  
2 ½ years in Software field, USA  
18 ½ years in Teaching, India.

- 1) **Working as an Associate Professor, Mech Engg., Dept., RVR & JC College of Engineering, Chowdavaram, GUNTUR from Aug'11 to till date.**
- 2) Worked as an Associate Professor, Mech Engg ., Dept., Lakireddy Bali Reddy College of Engineering, Mylavaram from June'09 to July' 11
- 3) Worked as a Programmer Analyst at Svaptech Systems Inc, Florida, USA during Feb '07 - Jan '09.
- 4) Worked as an Asst.Professor, Mech.Engg.Dept., RVR & JC College of Engineering, Guntur during June '05 - May '06.
- 5) Worked as Senior Lecturer, Mech.Engg.Dept., RVR & JC College of Engineering, Guntur during Nov '99 - May '05.
- 6) Worked as Lecturer, Mech.Engg.Dept., RVR & JC College of Engineering, Guntur during Aug '92 - Oct '99.

**Subjects taught** : **M.TECH (Thermal Engg., ) Level**

- 1) Advanced Heat & Mass Transfer
- 2) Design of Heat Transfer Equipment

**At B. TECH Level**

- 1) Thermodynamics - I, II & III
- 2) Refrigeration & Air Conditioning.
- 3) Engineering Graphics
- 4 Heat Transfer
- 5) Fluid Mechanics
- 6) Hydraulic Machines
- 7) Strength of Materials & Mech Engg.
- 8) Fluid Mechanics & Hydraulic Machines
- 9) Thermal Engineering -I & II
- 10) Elements of Mechanical Engg.
- 11) Automobile Engg.
- 12) Power Plant Engg.,
- 13) Engineering Drawing
- 14) Applied Mechanics and Mech Engg.

**Nature of Duties held** :

- 1) **Thermal Engineering Lab, Fuels and Lubricants Lab In charge from Aug '11 to till date**
- 2) **Class Teacher for III year from Aug' 11 to till date.**
- 3) Class Teacher for I year from Oct' 10 to July'11.
- 4) Class in-charge for IV year from June' 10 – Oct' 10.
- 5) Thermal Engineering Lab, Fuels and Lubricants Lab In charge from June'09 to till date
- 6) Class in-charge for I year for I year (2009-10)
- 4) Thermal Sciences Lab in-charge for 8 years (1998-06)
- 5) Attendance & Class in-charge for I year for 2 years (2004-06).
- 6) Attendance & Class in-charge for III year for 1 year (2003-04).
- 7) Attendance & Class in-charge for II year for 1 year (2002-03).
- 8) Attendance & Class in-charge for I year for 1 year (2001-02).
- 9) Attendance & Class in-charge for II year for 2 years (1999 -01)
- 10) Member in Internal & External Exams Committee for 2 years (1997-99).
- 11) Member in Cultural Committee for 1 year (1996-97).
- 12) Member in Beautification and Gardening Committee for 1 year (1995-96).
- 13) Attendance & Class in-charge for IV year for 3 years (1992-95)

**Developmental Activities** :

- 1) **Actively participated in the preparations for getting AUTONOMOUS status to LBRCE, Mylavaram during July, 2010**
- 2) **Developed Automobile Transmission & Steering system setup in Thermal Engineering Lab, Mechanical Engg., Department, LBRCE, Mylavaram.**

- 3) Actively participated in preparations for getting **NBA** accreditation to RVR&JCCE, Guntur during 1998 & 2002 and 2012
- 4) Assisted in Design and Fabrication of Heat Transfer Equipment in I.C. Engines Lab under the esteemed guidance of Prof. K. Pameswara Rao. at Mechanical Engg., Department, RVR &JCCE, Guntur.
- 3) Assisted in Designing and Fabrication of VCR Engine in I.C. Engines Lab under the esteemed guidance of Prof. K. Pameswara Rao. at Mechanical Engg., Department, RVR &JCCE, Guntur.

**Summer Schools/Conferences Attended :**

- 1) **“Modelling and Optimization of Manufacturing system using Intelligent Techniques”** conducted by BIET, Sathyamangalam during 6<sup>th</sup>-18<sup>th</sup> May'13.
- 2) **“Faculty Leadership Development Program”** organized by SAEINDIA during 21<sup>st</sup>-22<sup>nd</sup> June'13.
- 3) **“Futuristic Trends of Nano Composites and Their Fabrication(FNCF-2013)”** organized by RVR&JC College of Engineering, Guntur during 6<sup>th</sup>-7<sup>th</sup> Sept' 13.
- 4) **“Nanotechnology – A Fuel For Chemical Industry”** organized by RVR&JC College of Engineering, Guntur during 20<sup>th</sup> -21<sup>st</sup> Sept' 13.
- 5) **“Green Energy Systems”** a 5 day National workshop under FLI, IUCEE program organized by Department of Electrical Engineering, LBRCE, Mylavaram during 8<sup>th</sup> -12<sup>th</sup> August 2011.
- 2) **“Ship, Offshore and Port Structures”** a 3 day National workshop organized by Department of Marine Engg., AU, during 28<sup>th</sup> -30<sup>th</sup> March' 11.
- 3) **“Computational Fluid Dynamics”** A one day work shop organized by Department of Mechanical Engg., LBRCE, Mylavaram on 18-03-2011
- 4) **“Mechanical & Marine Systems Design”** A Three day work shop and conference conducted by Department of Marine Engineering, Andhra University, Visakhapatnam during 28<sup>th</sup> – 30<sup>th</sup> Oct, 2010.
- 5) **“Security Issues in Web Technologies”**, one day work shop organized by LBRCE, Mylavaram on 20<sup>th</sup> Sept, 2010.
- 6) IUCEE- FLI program on **“C-16 Sustainable Energy”** conducted by LBRCE, Mylavaram during 5<sup>th</sup> - 9<sup>th</sup> July, 2010.
- 7) **“Research Methods and tools for Mechanical Engineering faculty”** Faculty Development Program conducted by Bannari Amman Institute of Engineering and Technology, Sathyamangalam, during 31<sup>st</sup> May-11<sup>th</sup> June, 2010.
- 8) **“Instruments, Measurements and Experiments in Fluids”** Short term Course conducted by LBRCE, Mylavaram during 12<sup>th</sup> – 14<sup>th</sup> Dec, 2009.
- 9) **“Network Programming”** Professional Development Workshop conducted by LBRCE, Mylavaram on 31<sup>st</sup> Oct, 2009
- 10) **“Recent Advances in Computer Aided Engineering (RACE '06)** conducted by University college of Engineering, O.U., Hyd. during 15<sup>th</sup> -16<sup>th</sup> April, 2006.
- 11) **“Thermodynamics”** a One week short term training programme conducted by Vellore Institute of Technology, Vellore during 22<sup>nd</sup> - 27<sup>th</sup> Nov, 2004.
- 12) **“Finite Element Method”** a Two day programme conducted by R.V.R & J.C.C.E., Guntur during 5<sup>th</sup> - 6<sup>th</sup> Oct, 2001.
- 13) **“Concepts & Practice of Computer Aided Design & Manufacture”** an ISTE

- Programme conducted by BIET, Davanagere during 20<sup>th</sup> - 31<sup>st</sup> Aug, 2001.
- 14) "System Modeling and Simulation" an ISTE programme conducted by SLIET, Longowal during 16<sup>th</sup> - 27<sup>th</sup> July, 2001.
  - 15) "Productivity Challenges of 21<sup>st</sup> Century" a two day programme being conducted by R.V.R & J.C.C.E., Guntur during 27<sup>th</sup> - 28<sup>th</sup> Aug, 1998.
  - 16) "Induction Training Course" of AICTE Organized by Academic Staff College, Visakhapatnam during 10<sup>th</sup> - 29<sup>th</sup> June, 1996.
  - 17) ISTE course on "Motor Vehicle Emissions Regulation Test Cycles and Control Methods" organized by ISTE Chapter, IIT, Madras during 15<sup>th</sup> - 26<sup>th</sup> June, 1995.
  - 18) ISTE course on "Induction Training for Teachers" organized by ISTE Chapter, R.V.R & J.C.C.E, Guntur during 20<sup>th</sup> - 22<sup>nd</sup> Apr, 1995.

**Papers presented in National & International Conferences:**

- 1). "Graphical User Interface System for Production Control Using Line Of Balance Technique " at University college of Engg, O.U. Hyd., 15<sup>th</sup> -16<sup>th</sup> April '06.
- 2). "Simulation Based Modelling For real Time Scheduling In a Flexible Manufacturing System" at University college of Engg, O.U. Hyd., 15<sup>th</sup> -16<sup>th</sup> April '06.
- 3) "Expert System Approach for Optimization of Gas Turbine stage Using Artificial Neural Network" at Delhi College of Engg., Delhi., 12<sup>th</sup>- 14<sup>th</sup> Jan' 06.

**Papers presented in International Journals:**

1. " Failure analysis of gas turbine blades in a gas turbine engines used for Marine Application" IJSER

**Permanent Address** : K. Bala Prasad  
S/o K. Venkateswara Rao( Late)  
9-9-37, 4<sup>th</sup> lane, Railpet, GUNTUR - 522 001.

**Residence Address** : K. Bala Prasad  
Associate Professor,  
Door. No. 8-3-22/A, 3<sup>rd</sup> line Buchaiah thota,  
Beside Rama temple lane,  
GUNTUR- 522001.

**Contact** : Cell: 9912778769, Ph: 0863- 2210017, 0863-2321533  
Email: [prasad.katuru@gmail.com](mailto:prasad.katuru@gmail.com)

**Place : Mylavaram**  
**Date :**

Signature  
(K. BALA PRASAD)