

RESUME



Dr. V. Vijendra Kumar

Qualification **PhD. in Mechanical Engineering** from Aligarh Muslim University,
M.E. in Machine Design, from University Visvesvaraya College of
Engineering, Bangalore University, Bangalore with First Class
B.E. in Mechanical Engineering, from GVIT, KGF, B U.

Experience **20 Years**

Teaching **4 Years 4 months** worked as a Lecturer in the Department of Mechanical
Engg, in Bangalore college of Engineering & Technology, Chandapura,
Bangalore. (26th October 1997 to 31st December 2001)

1 Years 2 months worked as a Lecturer in the Department of Mechanical
Engg, in S.R.S.I.T, Bangalore. (2nd January 2003 to 2nd March 2004)

4 Years 1 month worked as Asst. Professor in the Department of
Mechanical Engg, Alpha college of Engg., Bangalore. (March 2004 to
March 2008)

2 Years 10 months worked as a Professor & HOD. in the Department of
Mechanical & Aeronautical Engg. SCT Institute of Technology,
Bangalore. (1st April 2008 to 31st January 2011)

2 Years 11 months Worked as a Professor & Head . in the Department of
Mechanical at Kuppam Engineering College Kuppam (1st Feb 2011 to
21st Dec 2013)

1 Year worked as a Principal at Jagadguru Dattatray College of
Technology (LNCT Group) Indore, MP - 2014-15

Presently working as a Principal at Jyothishmathi Institute of
Technological Sciences, Karimnagar, Telangana.

Technical 1 Year 2 months worked as a Production Engineer. In SIECO Engineers Pvt. Ltd., Bommasandra, Bangalore.

Technical courses 1 Year I. T. I Welder in 1983 at Govt. I.T.I, K G F
1 Year 2 months Apprenticeship, Welder in 1988 at BEML, K.G.F.

Subjects handled Mechanical Engg. Science, Engineering Graphics, Engineering Mechanics, Computer Aided Drawing, Machine Drawing, Strength of Materials, Material Science and Metallurgy, Applied, Thermodynamics, Theory of Machines – I & II, Design I, Design II & Design III, Mechatronics, Mechanical Vibrations, Control Engineering, Theory of Elasticity, Finite elements Methods, Theory of Plasticity, Computational Fluid Dynamics and Heat Transfer, Establishment of All Mechanical/Aeronautical Labs

Lab Establishments Workshop, Foundry and Forging, Material Testing Lab, Machine Shop, at BCET, Chandapura, Bangalore. in 1998 – 2000 Machine Shop, Heat and Mass Transfer Lab CAD/CAM Lab and Design Lab, Establishment of Computer Aided Engineering Drawing at Alpha College of Engineering Bangalore. in 2004 -07, establishment of labs at SCTIT in 2008 - 10 and 2011 in All Mechanical Labs at KEC Kuppam (Diploma and Engg), Recently All Mechanical Labs Established at Jyothishmathi Institute of Technological Sciences, Karimnagar, Telangana.

Software Tools ANSYS 13.0, AUTO-CAD 2013, SOLID EDGE V19, SOLID MODELING, GAMBIT, CATIA V5, ESPIRIT, and FLUENT 6.1

PhD Thesis

Title Low Temperature Thermal Energy Storage and Transmission Systems Employing Hydrophilic Polymeric Materials

P.G. Project

Title Thermal Analysis of a Lathe. By using Ansys 6.1 Carried out at U. V. C. E., K.R. Circle, Bangalore.

7. Vijendra kumar, Vasudev Murthy “Flow induced vibration Analysis of the By-Pass casing of a Turbofan Engine” National Conference on Advances in Mechanical Engineering Sciences-2004, SSIT.

8. Vijendra kumar, Dr.Kishore kumar, “Conjugate Heat Transfer Analysis of a Gas Turbine Combustor by using CFD Tools” Journal of Emerging technology in mechanical science and engineering Vol 1 No 21-13 2010

9. Santhosh, Vijendra kumar, “Evaluation of A356.0 Aluminum alloy Composite Materials used in Aerospace” Indian Journal of Engineering & Materials” 2009- ISSN: 0975-1017

10. Harish, Vijendra kumar, Static and Dynamic Analysis of a gas turbine blade by using ANSYS V6.0, National Conference on Advances in Mechanical Engineering held at Adiyamman college of Engineering 2007

WORK SHOPS AND SEMINORS ATTENDED/CONDUCTED

1. Renewable Energy Education and Research at East Point College of Engineering and Technology, Bangalore. August 16th & 17th 2004 (2 days)
2. Applications of Composite Materials at BMS College of Engineering, Bangalore.
3. Workshop on vibrations at Shirdi Sai College of Engineering, 2004 (1 day)
4. Rapid Prototyping at J.S.S Mahavidhyapeeta, Bangaore May 13th 2005 (1 day)
5. Applications of CFD at CSM Software, Gayathri Layout, Bangalore December In the year December 2005 (1 day)
6. Applications of FEM in Mechanical Engineering at East Point College of Engineering and Technology, Bangalore. March 17th & 18th 2006 (2 days)
7. A Seminar on Emerging Trends in engineering applications of CAD and job opportunities conducted at Jnana Jyothi, Bangalore. (1 day)
8. A Short term training programme on Applications of CFD in Mechanical Engineering. March 05th to 09th 2007 at Nitte Meenakshi Institute of Technology, Bangalore. (5 days)
9. One day National seminar on Emerging trends in Renewable Energy Resources at RLJIT, Doddaballapur. In April 19th 2007. (1 day)
10. Staff Development Programme on “Applied Computational Methods in Mechanical Engineering Design” at Manipal Institute of Technology, Manipal June 18th to 29th 2007 (12 days)
11. Conducted a Seminar on modeling and analysis by using Catia (3 months course)

12. Conducted a National Level Quiz competition for 12th / PUC students, at RLJIT, DB Pura Bangalore. On 25th and 26th April 2008 (2 days)
13. Conducted Science and Technology Awareness programme for 12th / PUC students 22nd to 28th April 2008 (5 days)
14. Attended one day seminar at COMSOL, Bangalore
15. Attended one day seminar at Aeronautical Society of India, Bangalore
16. Conducted College Inaugural function at Vijetha Institute of Technology, Bangalore on 5th March 2010.
17. Conducted Launching Programme of MSU- Vijetha at Hotel Atria Bangalore on 28th July 2010.
18. Coordinator for NBA from Feb 2011 to September 2011 at KEC Kuppam engineering college and got accredited
19. Coordinator for NAAC from Feb 2012 to November 2013 at KEC Kuppam engineering college and completed Inspection
20. Organized One Day Seminar on Product Design and Development from EDS Technologies Bangalore
21. Organized Two Days Seminar on Modeling of UAV from Remote sensing Technologies Chennai
22. Attended two day International conference at LNCT Indore 28th & 29th Nov 2014
23. Attended on day workshop at Indore CADD Centre.

Supervision of Projects at UG and PG Level

1. “Dynamic analysis of the By-pass casing of a Turbofan engine” 2003 PG Project
2. “Study and analysis of Wildhaban Noviken Gears” 2003 PG Project
3. “Static Analysis of a crane Hook” 2004 UG Mini Project
4. “Design and mold flow analysis of an Injection mold for the roller component” 2005 UG Project
5. “Planning and optimization of industrial resources in small-scale industries” 2005 UG Project
6. “Static and Dynamic Analysis of a gas turbine blade” 2006 UG Project

7. “Design, Fabrication and Flow analysis of A Refrigeration Test Rig.” 2007 UG Project
8. “CHT analysis of a Gas Turbine Combustor” (CFD) PG Project 2007
9. “Design and Fabrication of Two stroke petrol engine Test Rig.” 2008 UG Project
10. “Design and Fabrication of 3 Jaw chuck for a Machine Tool.” 2008 UG Project
11. PG Project on Emerging Composite Materials in Aerospace 2010.
12. Ten Mini projects on Mechanical Linkages at Kuppam engg. College in 2012 UG Project 2013
13. PG Project on A356.0 Aluminum alloy Composite Materials in Aerospace 2013 PG Project 2013
14. Material Optimization for a Steam turbine by using CAD SOFTWARES PG Project 2013
15. Modeling and Analysis of an IC Engine Piston by using CAD SOFTWARES PG Project 2013 JNTUA
16. Modeling and Analysis of Double Column Machine Tool PG Project 2013, JNTUA

PERSONAL DETAILS

Father’s name	Late Venkatappa.
Date of Birth / Place of Birth	16 th October 1966/KGF
Martial Status	Married
Languages known	English, Kannada, Hindi, Telugu, and Tamil

I hereby declare that the above particulars are correct to the best of my knowledge and belief.