

RESUME

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68, 'Jyothi Nilaya', 2nd Cross,
Behind Bapuji School, C K Pura Extn.
Chitradurga, - 577501. Karnataka.

Qualifications:

- **M Tech in Thermal Engineering** in **NITK Surathkal** formerly known as **KREC Surathkal**.
- **B E in Mechanical Engineering** from **Govt BDT College of engineering, Davanagere. University of Mysore.**
- **Ph.D:** **Thesis Submitted in June 2018.**

**Topic: Computational Fluid Dynamics Simulation of
Compression Ignition engine processes.**

Experience: 24 Years in Teaching and Industry

Fourteen years in teaching in Engineering College under VTU

Ten years in Manufacturing of Special purpose machines, Jigs, Fixtures,
Automobile parts, etc.

Board of Examination:

Member, Dept. of Automobile Engg, 2016-17

VTU (Visvesvaraya Technological University),

Belgaum. Karnataka

Member, Dept. of Automobile Engg, 2011-12

VTU (Visvesvaraya Technological University),

Belgaum. Karnataka

Coordinator, Practical Examinations, 2011-12

Dept. of Automobile Engg,

Mysore region, VTU, Belgaum. Karnataka.

Member, Dept. of Automobile Engg, 2010-11

**PES College of Engineering (Autonomous),
Mandya. Karnataka**

**NCC: Care Taker (ANO), NCC SJMIT, Chitradurga.
Part A, 3 KAR ENGR COY. Davangere.**

Papers Published and Presented

- “*CFD Simulation Of Direct Injection CI Engine With Flat Piston Bowl And W Shape Toroidal Piston Bowl Combustion Process*” **Journal of Engineering Research and Application** www.ijera.com ISSN : 2248-9622, Vol. 8, Issue5 (Part -IV) May 2018, pp 56-61
- “*Study of Omega Shaped Re-Entrant Piston Bowl Geometries on In-Cylinder Flow and Performance in a Direct-Injection Diesel Engine*”. 2018 IJCRT | Volume 6, Issue 1 March 2018 | ISSN: 2320-2882, www.ijpub.org.
- **International Conference:** “*Study of Erosive behavior in Graphite particle reinforced Epoxy glass fiber composites under contact speed at different contact angles on particle*”, held at **PSG College of Technology, Coimbatore.**
- **National Conference:** “*Study of Erosive behavior in Silicon Particle reinforced Epoxy glass fiber composites under contact speed at different contact angles on particle*”, held at **SJCE, Mysore.**
- “*Design Optimization and Analysis of Moped Silencer Guard*” at **Oxford College of Engineering, Bangalore.**

Short term Courses:

- “*Advances in Materials and Automotive Applications*” at **IIT Kanpur**.
- “*Application of Computers in IC Engines*” at **NITK Suratkal**.
- “*Recent Developments in Advanced Materials*” at **NITK Suratkal**.
- “*Impact of Energy Generation and Conservation on Environment*” at **NITK Suratkal**.
- “*Human Resource development Needs in the context of Changing Market Requirements*” at **SJM Arts, Science & Commerce College Chitradurga**.
- “*Robotics and Multi Agent Systems*” at **NITK Suratkal**.
- “*Research Methodologies and Latex*” at **VTU Belgaum**.
- “*Recent Trends in Thermal Power Plant Technology*” **MSRIT, Bangalore**
- “*Computational Fluid Dynamics*” through **ICT-IIT Bombay**
- “*Sustainable Product Design and Manufacturing*” at **ACSCE, Bangalore**
- “*Feel Teacher*” **CLHRD, Mangalore**
- “*Induction Programme for faculty of Technical Institutions*” **AMCEC, Bangalore**

Organization profile:

Organization1 : **Jain Institute of Technology,**
Davangere

Period : August 2012 – Till date

Designation : Asst. Professor

Organization2: **PES Institute of Technology and Management,**
Shivamogga

Period : August 2012 – July 2014

Designation : Asst. Professor

Organization3: **SJM Institute of Technology,**
Chitradurga

Period : December 2005 – August 2012

Designation : Asst. Professor

Organization4: **M/s SPM India Ltd.**
Bangalore

Period : August 1995 - December 2004

Designation : Asst. Manager-PPC,

Training: One Year Apprentice Training. Automotive Axles Ltd. Mysore.
A group of Rockwell Automotive and Kalyani Forgings

Specialization:

- * **Turbo machines, Heat & Mass Transfer, Thermodynamics**
- * **Advanced Fluid Mechanics, Machine drawing, Engg Graphics etc.**
- * **Manufacturing Engineering and Fabrication.**
- * **Assembly of Machines.**
- * **Solid Modeling**

Raghavendra Reddy NV