

**NAME****Y.VIJAYA KUMAR****QUALIFICATIONS****A.M.I.E., M.Tech ,F.I.E.(India)****DATE OF BIRTH****15 th March 1948****AREA OF RESEARCH/SPECIALIZATION**

Automobile Engineering, Management, Thermal Engineering.

**E MAIL ID****[Yadavalli1311@yahoo.co.in](mailto:Yadavalli1311@yahoo.co.in), [yadavalli1311@gmail.com](mailto:yadavalli1311@gmail.com)****PHONE NUMBER**

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**EXPERIENCE****TEACHING : ...7..... Years      INDUSTRY: .....35..... Years.**

**Worked in APSRTC in different Managerial and Technical capacities/positions like Depot Manager , Works Manger, Divisional Manager, Regional Manager and retired as Executive director. Also worked as General Manager in Arunachal Pradesh State Transport Department for three years on deputation.**

**Received best service award from Hon'ble Chief Minister, Andhra Pradesh in the year 2003.**

**SUBJECTS TAUGHT**UG Level:

Applied Thermodynamics I, Kinematics of Machinery, Fluid Mechanics and Hydraulics of Machinery, Automobile Engineering, Mechanics of Solids, Operations Research, Production planning and control, Design of Machine Members I, Engineering Drawing, MEFA and Management Sciences.

PG Level:

Advanced Mechanics of solids, Production and operations Management, Materials Management

**Publications**

*National/International journals.*

- P.H.V.Sesha Talpa Sai, Y. Vijay Kumar, C.Udayakiran, Design of Hybrid Suspension System for Automotive Applications P.Nagaraju\*, IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), Volume 11, Issue 6 Ver. V (Nov- Dec. 2014), PP 17-21
- B.Sandhya Rani\*, P.H.V.Sesha Talpa Sai, Y. Vijay Kumar, C.Udayakiran, Structural Design and Analysis of Trailer System for Photo Voltaic Cells B.Sandhya Rani\*, P.H.V.Sesha Talpa Sai, Y. Vijay Kumar, C.Udayakiran, IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), Volume 11, Issue 6 Ver. V (Nov- Dec. 2014), PP 22-25
- Mohammed Mustafa Ali Faisal, Y.Vijaya Kumar, Modeling and analysis of four cylinder 4 stroke petrol engine crankshaft in 2<sup>nd</sup> international conference on advancements in engineering and management organized by RITS on 27<sup>th</sup> and 28<sup>th</sup> Feb. 2013
- B.JAYA LAXMI ,Y.VIJAYA KUMAR , Design of Progressive Die Using Fe Analysis , Vol. 2, Issue: 1, April-May : 2014 (IJRMEET) ISSN: 2320-6586
- Mrs. suman ,Y.vijaya kumar, Dr. C. Udaya kiran, M.K.Gupta, Design of Tri-axial Monolithic block and its production planning and control ,International journal of innovative technologies, vol. 01, issue 06, nov 2013 issn 2321 –8665
- T.Glory, Y.Vijaya Kumar. P.Diwakara Rao, Modeling and analysis of fork Lift, in 2<sup>nd</sup> international conference on advancements in engineering and management organized by RITS on 27<sup>th</sup> and 28<sup>th</sup> Feb. 2013
- A.Prasada Babu, Dr.C.Uday Kiran ,Y.Vijaya Kumar, Topology optimization in design of Engine mounting bracket, International

journal ICEME-2014, conducted by Abinav Hi tech college of Engineering, Gandipeta , Hyderabad on 24/25 Feb 2014

- B.Sridhar,Y.Vijaya Kumar, Dr.C.Udaya Kiran, Design and analysis of Master head for twin boom stackerIJIRT journal, Volume I issue 5/ISSN: 2349:6002.

#### **MEMBERSHIP IN PROFESSIONAL BODIES:**

1. Fellow in Institution of Engineers ( India)
2. Faculty Adviser in Society of Automotive Engineers.

#### **ADDITIONAL RESPONSIBILITY**

- 1. Faculty Advisor for SAE Collegiate Club JBIET
- 2. Course coordinator for M.Tech (CAD/CAM) course