

PROFILE OF THE PRINCIPAL

Name of the Staff Member : **Dr. V.S.S. MURTHY**

Designation : Principal

Date of birth : 15.07.1965

Address : PRINCIPAL,
KSRM College of Engineering,
Kadapa – 516 003 (A.P.), India.
Mobile: +91 9885230680
Mail_id: vssreenivasamurthy@yahoo.co.in



Academic Qualification:

Name of the Degree	Specialization	Name of the University	Year of passing	Class
B.E.	Mechanical Engineering	Nagarjuna University	1987	First
M.Tech.	IC Engines & Gas Turbines	Regional Engineering College, Warangal	1991	First
Ph.D.	IC Engines	JNTUH, Hyderabad	2005	-

Experience in Teaching:

Position	Name of the employer	From	To
Principal	K.S.R.M. College of Engineering, Kadapa	08.12.2008	Till date
Professor	-do-	01.09.2007	07.12.2008
Associate Professor	-do-	01.10.2004	31.08.2007
Senior Lecturer	-do-	16.07.1997	30.09.2004
Lecturer	-do-	06.12.1990	15.07.1997

Subject Taught : Automobile Engineering, Applied Thermodynamics, Engineering Drawing, Kinematics of Machinery, Heat Transfer, Instrumentation and Control Engineering, etc.

Summer / Winter Schools Attended:

1. "Strategic Planning and Institutional Development" at KSRMCE, Kadapa, 15th to 17th September 1994.
2. "Solar Architecture – Active and Passive" at REC, Calicut, 19th to 30th May 1997.
3. "Solar Cooling and Heating" at IIT Madras from 13th to 19th June 1997.
4. "Cryogenic Technology", held at IISC, Bangalore between September 27th to October 8th, 1999.
5. "National workshop on New concepts in Energy utilization" on 30th September 2003 organized by the department of Mechanical Engineering, JNTU College of Engineering, Anantapur (A.P.).

**Paper Published:
International Journals (07)**

1. "Performance Evaluation of LHRCI Engine using vegetable oils", Int. Journal of Multi displ. Research & Advces in Engineering, IJMRAE, Vol.1, No.1, Nov.2009, pp.53-70.
2. "CNC Part Programming and cost analysis on Vertical Machining centre", International Journal of Modem Engineering Research, Vol.3, July-Aug, 2013, pp.1783-1785.
3. "Performance, emissions and combustion characteristics of a low heat rejection super charged engine using Thumba oil, International Journal of Mechanical Engineering Research, ISSN 2249-0019, Vol.3, No.3 (2013), pp.239-248.
4. "Effect of Pilot fuel quantity on the performance and emission characteristics of a pre-mixed CNG-Diesel dual Fuel model engine", IOSR Journal of Mechanical and Civil Engineering, 2278-1684, P-ISSN 2320-334X, Vol.9, Issue 2 (Sep-Oct 2013), pp. 01 – 09.
5. "Design and Fabrication of Kids Bike", International Organization of Scientific Research, Vol.12, Issue 6, Nov-Dec, 2015, pp.01-14.
6. "Fabrication of a Model GO-KART (with low cost)", International Organization of Scientific Research, Vol.12, Issue 6, Nov-Dec, 2015, pp. 24-30.
7. "Performance evaluation of some Biodiesel blends in an insulated Engine", International Journal on recent technologies in Mechanical and Electrical Engineering, Vol.3, issue 5, May 2016 (www. Ijrmee.org)

National Journals (02)

1. "Three zone model to predict the performance of a 4-stroke direct injection diesel engine" Journal of Engineering Today, Volume VII, October 2005, pp.20-23.
2. "An Expert System on fault diagnosis in Boiler Section of Thermal Power Station", Industrial Engineering Journal (Accepted for Publication but waiting for the proceedings)

International Conference (04)

1. "Analysis of turbo machinery flows using streamline curvature technique" International conference, Coimbatore, 10-12th January 2000, pp.283-290.
2. Challenges ahead-need for the multidimensional modeling of IC engines" – International conference, Coimbatore, 10-12th January 2000, pp.277-282.
3. "Feasibility of three dimensional computations to predict in cylinder flow field" at the International Conference, Coimbatore, 10-12th January 2000, pp.304-310, "Won the Best paper award".
4. "Study of emission characteristics of a virgin oil in a semi-adiabatic engine" International Conference at JNTU, Hyderabad, December 6-9th 2007, pp.130-135.

National Conference (09)

1. "Distillation plant in combination with coastal based thermal power plant using ocean thermal energy", Osmania University, Hyderabad, March 19th, 1995, pp.68-72.
2. "E-Commerce an over view" all India Seminar on Information Technology, Kadapa, 15th March 2000, p.69.
3. "Implementation of Information Technology in India" All India Seminar on IT, Kadapa, 15th the March 2000, p.74.

4. "Numerical solutions of developing flow in a vertical channel with asymmetric wall temp", National Conference, JNTU, Anantapur, 21st – 23rd of June 2000, pp.256-264.
5. "Low heat rejection engines – A review" at all India conference, JNTU, Anantapur, 18th October 2001, pp.134-138.
6. "Analysis of High Pressure Turbine Nozzle guide vane and Rotor blade using streamline curvature Technique", JNTU, Anantapur, 18th October 2001, pp.139-144.
7. "Numerical Solutions of Laminar Free convection between vertical flat plates with asymmetric heating including dissipation" at JNTU, Anantapur, 18th October 2001, pp.145-154.
8. "Design of standalone Photovoltaic system for a Rural Hospital at JNTU, Anantapur, 18th October 2001, pp.274-281.
9. "Engine Pollutant formation and control", KSRMCE, Kadapa, 26th August 2004, pp.55-58.

Additional Remarks

- Developed Dynamics and Instrumentation Labs and taken part in the development of Heat Transfer and IC Engine Labs.
- Undergone training for two months in the National Aeronautical laboratory, Bangalore.
- M.Tech. Dissertation titled "Analysis of turbo machinery flows using streamline curvature technique" carried out at National Aeronautical Labs, Bangalore.
- Title of Ph.D. work is "Investigations on the use of vegetable oils in a low heat rejection engines".
- Organizing committee member for International / ICONICE 2007', Conference held at JNTU, Hyderabad.
- Key note speaker in the "International conference on Science, Technology and Management", held on 27th & 29th September, 2013 at SITAMS, Chittoor, A.P. – India.
- Member Fellow of Institution of Engineers.
- Expert member for Board of studies, SITAMS (Autonomous), Chittoor, A.P.
- Members, Indian Society for technical education.

After Assuming charge as a Principal

- Organized many workshops, conferences, seminars, etc.
- Obtained NBA Accreditation / NAAC of UGC Accreditation / Autonomous Status from UGC / Permanent research centre / 2f & 12B status from UGC/ Established R&D Cell / Entrepreneur cell / Innovation laboratory / Permanent affiliation with the university.