BIO DATA

Name	**:**	**Dr. V. NAGA PRASAD NAIDU**
Date of Birth	**:**	**01-07-1973**
Age	**:**	**41 years**
Official Address	**:**	**Principal,** **INTELL ENGINEERING COLLEGE** Akkam palli cross, Kalyanadurg Road, Anantapur – 515 711, A.P. India. Ph no:08554270652, Cell:9989988920.
Residential Address	**:**	# 9-29, Ogeti Street, Tadipatri – 515 411 Anantapur Dist., A.P. India.
Qualifications		**: B.E. (Mechanical)** University of Madras, Chennai T.N. Indian **M.Tech (Heat Power R & A/c)** J.N.T.University, Hyderabad, A.P. India **Ph.D., (Hybrid Composites)** Department of Polymer Science & Technology, S.K. University, Anantapur, A.P. India.
Experience	**:**	14 Years Teaching Experience 3 Industry Experience.

Ratification **:** 1.Ratified as principal by JNTUA,Anantapur ,Wide Ref:RP/PVT/Selection/2010 dt:24/02/2011

2. Ratified as Associate professor by JNTUA,Anantapur On23/06/2010

MEMBERSHIP OF REPUTED PROFESSIONAL BODIES :

Life member of Indian Society for Technical Education (I.S.T.E) – LM – 80189.

Life member of Institution of Engineers Indian.

Member of International association of Engineers (IAENG).

Member of Institute of Research engineers and Doctors (IRED).

ADMINISTRATIVE EXPERIENCE.

Earlier worked as : Officer in-charge of NSS unit,
In charge of I.C Engines Laboratory,
In charge Machine shop Laboratory,
Officer in-charge Work Shop
Officer in-charge of Student Welfare Division
Officer in-charge of Department of Sports
Officer in-charge of Examination Section
Head of the Mechanical Engineering Department

Workshops Attended :

1)National workshop on new concepts in energy utilization - 30 Sep 2003 at JNTU College of Engineering, Anantapur5154001 A.P, India.

2) National work shop on "Professional approach to corporate World"02&03Aug2008 at
Intell Engineering college,KLD Road Anantapur-515004, A.P India.

3) National work shop on "MAT LAB"14Aug2008 at Intell Engineering college, KLD Road Anantapur-515004, A.P India.

SUMMER / WINTER SCHOOLS / REFRESHER COURSES ATTENDED

S. No.	Name of the Course	Duration	Dates	Places
1.	Orientation & Refresher Course	2 Weeks	13-22- July 2001	Osmania University, Hyderabad – A.P.
2.	AICTE – ISTE Summer School on Recent trends in Automobiles	2 Weeks	2-13 June 2003	Annamalai University Chidhambaram T.N.
3.	AICTE – ISTE Training Program on cooling of Electronic equipments	2 Weeks	14-25 June 2004	Sree Nidhi Institute of Science & Technology
4	Mission10X Academic leadership programme	1Week	22-25 Jan-2012	Wipro Technologies, Manikonda, Hyderabad.

Subjects Taught

1. Engineering Graphics
2. Machine Drawing
3. Production Drawing
4. Automobile Engineering
5. Power Plant Engineering
6. Industrial Management
7. Non Conventional Energy Sources
8. Mechanical handling Equipments
9. Mechanical and Electrical Sciences

PAPERS PUBLISHED / PRESENTED

1. Investigations of the suitability of Rape seed oil in C.I. Engines – "National Conference on Advanced trends in Mechanical engineering Research and Development", (MINAC – 2001) 18th October 2001, at JNTU College of Engineering, Anantapur A.P., India.

2. Rapid prototyping "National Conference on advanced trends in mechanical engineering research and development" (MINAC – 2002) 21st December 2002 at JNTU College of Engineering, Anantapur A.P. India

3. Manufacturing in a competitive environment "National Conference' in mechanical engineering research and development" (MINAC – 2002) 21st Dec 2002 at JNTU College of engineering, Anantapur, A.P. India

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4. Performance evaluation on Single Cylinder diesel engine with two different pistons and two metallic coatings "National Conference on Advanced trends in Mechanical Engineering" (NATCON ME – 2004) 12-13 March 2004 at M.S. Ramaiah College of Engineering, Bangalore – K.N.

5. Techniques to improve the performance of wind energy conversion systems (WECS) – "National Conference on Integration of energy from conventional and Non Conventional Sources" 7-9 October 2006 at Lakshmi Narain College of Technology, Bhopal M.P. India.

6. Mechanical Properties of Sisal/Glass fibre hybrid composites "National Conference on Emerging trends in mechanical engineering" – 2007, 1-2 March 2007 at Adhiyamman College of Engineering – Hosur – T.N.

7. Small Scale industries in developing countries a review of concepts & techniques "National conference on a Trends in Mechanical Engineering" (TIME – 2007) 5-6 Sep 2007 A.G.Awate College of Engineering , Pune, M.H

.

8. Stress management in publication company, "National Conference on Receipt trends in Mechanical Engineering Sciences" (RTIMES – 2007) 15-16 Nov 2007 at Sri Siddartha Institute of technology, Tumkur, K.N.

9. Investigative study of Thermal conductivity of Natural / Synthetic fibres reinforced hybrid composites "National conference Advances in mechanical Engineering" (NCAME – 2008) on 11-12 Jan 2008 at PVP Siddaratha Institute of technology Vijayawada, A.P.

10. Synthetic Composite material-Anew material for Leaf springs "15th International conference on recent advances in Mechanical engineering" organized by Indian society for mechanical engineers(ISME) at Rajeev Gandhi Technical University Bhoopal.

11. Heat Capacity of Sisal/Glass fibre reinforced Hybrid Coposites "International conference on recent advances in Materials, processing and characterization" (RAMC-208) on 03-04 June 2008 at PVP Siddaratha Institute of technology Vijayawada, A.P.

12. The Material selection for Wind Turbine Blades Through ANSYS and analysis of performance of Blade " International conference on recent advances in Materials, processing and characterization" (RAMC-208) on 03-04 June 2008 at PVP Siddaratha Institute of technology Vijayawada, A.P.

13. Compressive & impact properties of sisal/glass fiber reinforced hybrid composites published at International Journal of Fiber and Textile Research 2011; 1(1): 11-14

14. Heat capacity of sisal/glass fibre reinforced hybrid composites, Journal of Materials Science, An Indian Journal Ma65791025/2011.

15. Performance evaluation of a low heat rejection diesel engine with cotton seed biodiesel, International Journal of Mechanical Engineering and Technology (IJMET), February 2014, Vol: 5, Issue: 2, PP 171-179, Impact factor :3.8231(2014).

16. Experimental investigation on a four stroke diesel engine operated by cotton seed biodiesel blends with diesel, International Journal of Engineering and Innovative Technology (IJEIT), April 2014 , vol:3, Issue 10, PP 255-258, Impact factor :1.56.

17. Comparison and evaluation of performance and emission characteristics of four stroke diesel engine with Neem and cotton seed biodiesel" International Journal of Engineering and Technology research (IJETR), Feb-2014, Vol: 2, Issue: 2, PP 172-176, Impact factor: 1.815.

18. A comparative study of performance and emission characteristics of four stroke diesel engine with Jatropha and Cotton seed biodiesel" International Journal of Emerging Technology and Advanced Engineering , (IJETAE), Feb-2014, Vol-4, Issue: 2, PP 477-481, Impact factor: 2.25.

19. "Experimental Investigation on a four stroke diesel engine operated by Jatropha biodiesel and its blends with diesel" International Journal of Manufacturing and Mechanical Engineering (IJMME), (2014), Vol: 1, No: 1 PP 3-9, Impact factor: 1.78.

20. "Experimental Investigation on a four stroke diesel engine operated by neem biodiesel blended with diesel" 2nd International conference on current trends in Engineering and Management (ICCTEM-2014) 17-19 July 2014, Vidyavardhaka College of Engineering, Mysore, Karnataka.

21. "Evaluation of performance and Emission Characteristics of four stroke diesel engine with neem biodiesel" National conference on advancement and innovations in Engineering and Technology and Management (AIETM-2014) 19-20th March 2014. Joginpally B R Engineering College, Hyderabad, AP.

22. Evaluation of performance and emission characteristics of four stroke diesel engine with jatropha and cotton seed biodiesel" International Conference on advanced in

Engineering research and Applications (ICAERA-2014) 25-26 March 2014. Oriented College of Technology, Bhopal.

23. Evaluation of performance and emission characteristics of four stroke diesel engine with neem biodiesel" Journal of Innovative Engineering (JIE), 2014, 2(2), 4-9, 1.46.

24. Comparison and evaluation of performance and emission characteristics of four stroke diesel engine with Karanja and cotton sees biodiesel" ASME-014 International Mechanical Engineering congress & Exposition November 14-20 2014 Montreal, Canada (accepted).

25. "Experimental Investigation on a four stroke diesel engine operated by Karanja biodiesel and its blends with diesel" International Journal of application or innovation in engineering and management (IJAIEM), July-2014, Vol: 3, Issue: 7, PP 221-225, Impact factor: 1.92.

26. "A Comparative Study of Performance and Emission Characteristics of Four Stroke Diesel Engine with Mahua and Cotton Seed Biodiesel Blended with Diesel" International journal of innovative technology and research (IJITR), August – September 2014 Volume No.2, Issue No.5, pp 12223-12227, Impact factor: 0.825.

27. "Performance and Emission characteristics of a DI Compression ignition engine operated by Mahua biodiesel blended with diesel" IPASJ International Journal of Mechanical Engineering (IIJME), September-2014, Vol: 2, Issue: 9, pp 58-63, Impact factor: 1.913.

28. "Performance and Emission Characteristics of a Four Stoke Diesel Engine Operated by Neem Biodiesel Blended with Diesel" International journal of engineering sciences & research technology (IJESRT), October-2014, Vol: 3, Issue: 9, pp 79-83, Impact factor: 3.449.

29. "A Comparative Study of Performance and Emission Characteristics of a Four Stroke Diesel Engine with Karanja and Cotton Seed Biodiesel Blended With Diesel" International Journal of Innovative Research in Science, Engineering and Technology(IJIRSET), October-2014, Vol: 3, Issue: 10, pp 16510-16516, Impact factor: 1.682.

Research Work :

1. Worked on topic "Hybrid Composites" for the award of Ph.D.,. The nature of this work is to develop Hybrid composites by the use of both Natural and Synthetic fibre to improve mechanical properties and thermal properties and this work has attempted at Department of Polymer science and Technology, Sri Krishnadevaraya University, Anantapur . A.P.

2. Worked on topic "Experimental investigations on a four stroke diesel engine operated by various biodiesel blends with an air gap and insulated piston inserts" for the award of 2nd Ph.D.,. The nature of this work is to find an alternative fuel for diesel engine with naturally available resources (biodiesel) and also to improve the performance of diesel engine with minor modifications in piston. This work has attempted at Department of Mechanical Engineering, JNTUA University, Anantapur . A.P.

Programming Languages Known

- Pascal
- C & C++

Working knowledge of utility packages

- Auto CAD
- MS – Office

(Dr. V. NAGA PRASAD NAIDU)