

CURRICULAM VITAE

Ammineni Syam Prasad
M.Tech (M.D), (Ph.D), IAENG

☎ : +91-9849858948
✉: syampnaidu@gmail.com



ACADEMIC PROFILE

WORK EXPERIENCE

- Working as Assistant Professor in **MVSR Engineering College**, Hyderabad from September-2013 to till date.
- As Assistant Professor in **Regency Institute of Technology**, Yanam (UT of Puducherry). from July-2012 to September-2013.
- As Assistant Professor in **Rajeev Gandhi Memorial College of Engineering and Technology**, Nandyal from December-2009 to November-2010.

Degree	Branch/ Specialization	University	Year of pass	perce ntage
UG	Mechanical Engineering	JNTU Hyderabad	2008	70.6
PG	Machine Design	JNTU Anantapur	2012	87.7
Ph.D	Mechanical Engineering	JNTU Kakinada	Pursuing	-

- As Trainee Engineer in Turbine Erection Department at **Siemens Ltd.**, from December 2008 to December 2009.

SUBJECTS/LABS HANDLED

- Design of Machine Elements.
- Machine Design.
- Tribology (Both UG & PG).
- Mechanics of Solids.
- Failure Analysis and Design.
- Fluid Mechanics and Hydraulic Machines.
- Automotive Fuels and Pollution Control.
- Thermodynamics.
- Engineering Drawing.
- Fluid Mechanics and Hydraulic Machines lab.
- Engineering Workshop.
- Dynamics of Machinery Lab.
- CAD/CAM/FEA lab.
- Metrology and Instrumentation Lab

PAPERS PUBLISHED/PRESENTED

- A.Syam Prasad "*Study on Structural and Thermal Analysis on Disc Brake*" International Journal of Science and Innovative Engineering & Technology (IJSIET), (ISBN: 978-81-904760-9-6) Issue Volume 4, MAY 2017.
- A.Syam Prasad "*Experimental Investigations on Static and Dynamic Parameters of Steel and Composite Propeller Shafts with an Integrated Metallic joints*" International Conference on Advances in Materials and Manufacturing, ICAMM-2016, Jointly organised by Osmania University and DRDO, 8-10 December 2016.
- A.Syam Prasad "*Shrinkage Defect Elimination in Ductile Iron Casting using Virtual Solidification Simulation*" International Journal of Engineering Research (IJER, ISSN:2319-6890)(online), 2347-5013(print)), Issue: Special 2, Volume No.5, Feb. 2016, pp: 403-406
- A.Syam Prasad "*Experimental Investigation of Enhanced Heat Transfer of Viscous Fluid in an Oil Cooler using Wireloop Tube Inserts*" International Journal of Engineering Research (IJER, ISSN:2319-6890)(online),2347-5013(print)), Issue: Special 2, Volume No.5, Feb. 2016, pp: 506-507.
- A.Syam Prasad "*Experimental Investigations on Static and Dynamic Parameters of Steel and Composite Propeller Shafts for a Light Passenger Vehicle*" IOSR Journal of

Mechanical and Civil Engineering (IOSR-JMCE, e-ISSN: 2278-1684,p-ISSN: 2320-334X), Volume 12, Issue 4 Ver. VI, Jul. - Aug. 2015, pp: 01-07

- A.Syam Prasad "*Experimental Investigations on Structural Parameters of an Automotive Composite Propeller Shaft*" International Conference and Exhibition on Reinforced Plastics, ICERP-2015, FRP Institute, India, 29th – 31st January-2015, Hitex Exhibition Centre, Hyderabad.
- A.Syam Prasad "*Static and Dynamic Characteristics using Fast Fourier Transforms for Mono Composite Leaf Spring of Variable Thickness with Integrated Metallic Eye Joints*" International Conference on Polymer Composites-2014, 20th - 21st December-2014, NIT Karnataka, Surathkal.
- A.Syam Prasad "*Static and Dynamic Analysis of A Centrifugal Pump Impeller*" International Journal of Scientific and Engineering Research – IJSER, vol. 4 (10), October-2013, pp. 966-971. Citation [9]
- A.Syam Prasad "*Finite Element Analysis of FRP Angle Lamina*" National Conference on Innovations in Mechanical Engineering – NCIME-13, Paramount Publishing House, ISBN: 978-93-82163-00-8, pp. 250-256.
- A.Syam Prasad "*Micromechanical Analysis of FRP composites*" International journal of mechanical Engineering and technology – IJMET, vol. 4(2), March-April-2013, pp. 272-285. Citation [6]

WORKSHOPS ATTENDED

- Attended Two-day National Level Workshop on "Applied Numerical Methods, Optimization Techniques & Learning" conducted by Department of Mathematics, MVSR Engineering College Hyderabad from 19th & 20th January 2018.
- Attended One day workshop on "Design and Analysis of Mechanical Systems" conducted by Osmania University, Hyderabad on 31st August 2017.
- Attended one-week Faculty Development Program on "Emerging Trends in Composite Materials and Industrial Applications" Sponsored by TEQIP II, conducted by Department of Mechanical Engineering, CBIT, Hyderabad from 20th – 25th March 2017.
- Attended one-week Refresher course on "Engineering Mechanics" conducted by Department of Mechanical Engineering, MVSR Engineering College, Hyderabad from 18th – 24th June 2016.
- Attended one-month Audit and Credit course on "*Intellectual Property Rights and Research Methodology*" at JNTUK, Kakinada, in June-2016.
- Attended one-week Faculty refresher course on "*Control Systems Theory*" organized by Department of Mechanical Engineering, MVSR Engineering College, Hyderabad from 4th – 8th January 2016.
- Attended three-day National Workshop on "*Computational Fluid Dynamics*", organized by Department of Mechanical Engineering, MVSR Engineering College, Hyderabad from 16th – 18th December 2015.
- Attended one day workshop on "*Industrial Tribology*" organized by Department of Mechanical Engineering, Anurag Group of Institutions, Hyderabad on 31st October 2015.
- Attended three-day national workshop on "*Dynamic Analysis of Machines and structures-2014*" from 29th – 31st January-2014 conducted by NITK, Surathkal.
- Attended three-day competition on "*Human Powered Vehicle Competition*" conducted by ASME at IIT Delhi, from 18th – 20th January-2014.

- Attended one-week short term course on “*Instructional Design & Delivery system*” conducted by NITTTR, Chennai, from 28th June to 03rd July 2010.

CO - CURRICULAR ACTIVITIES

- Delivered a guest lecture at RCI Hyderabad, for non-mechanical members.
- Act as Fluid Mechanics & Machinery laboratory in-charge at Regency Institute of Technology, Yanam (UT of Puducherry).

EXTRA CURRICULAR ACTIVITIES

- Department Coordinator for SANGAMAM-2017, and SAMAVARTHAN-2018, conducted by MVSR Engineering College.
- Coordinator for *RITHM-2K13*, National level youth fest, which is conducted by Regency Institute of Technology.
- Organizing Committee Member of *RGM EXPO-2012* and *RPL-2012*, which are intra college activities conducted by RGM Engineering college.
- Organizing Committee Member of *RIPPLE-2K6* and *RIPPLE-2K7*, National level Technical Symposium conducted in RGM Engineering College by Department of Mechanical Engineering.

SOFTWARE SKILLS

- ANSYS, ADAMS, MSC Marc, MATLAB, Auto CAD, CATIA, and Pro/E, Solid Works.

AREAS OF INTRESTING

- Mechanical Vibrations.
- Viscoelastic Materials.
- Machine Design.
- Composite Materials.

STRENGTHS

- Good leadership qualities.
- Very much eager to learn from superiors and seniors.
- Ability to take spontaneous decisions if necessary and to handle crunch situations and adapt to any environment.
- Ability to deal with people diplomatically.
- Positive attitude and enthusiastic in teamwork.
- Strong desire to work in various platforms according to requirements and eagerness to learn.

ACHIVEMENTS

- Best faculty award for achieving 100% result at Regency Institute of Technology, Yanam for the academic year 2012-13.
- Stood as College topper while studying M.Tech with Gold Medal.
- Selected for SATYAM COMPUTERS LTD while perusing B.Tech final year in 2007.