

Name: Dr. VALIVETI SIVA RAMA KRISHNA
Designation: ASST.PROFESSOR
Department: MECHANICAL ENGINEERING
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Experience (in years): 10 Teaching: 10 Research: 03 Others(if any, specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.TECH	2008	M.E.
2	M.TECH	2010	CAD/CAM
3	Ph.D.	2018	IC ENGINES

2. Teaching and Learning:

2.1. Teaching Interests: TE-I, TE-II, CAD/CAM, ED,R&AC

2.2. Novel Teaching & Learning Techniques adopted:

2.3. Involvement in curriculum updating / Design:

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Reading Books, Sports

3.2. CCA/ECA Organized: Convergence

3.3. CCA/ECA participated: Games

3.4. Counselling and Mentoring Activity: IV Mechanical

3.5. Committees involved in:

Department level: Time table coordinator

Institute Level: COVID19, ASME

4. Conference / Workshop / Seminar / Guest Lectures :

4.1 Conducted:

- webinar is conducted on career guidance Q&A session (ASME) on 12th june 2020
- webinar is conducted on Alumni interaction series session (ASME) on 3rd july 2020

4.2 Attended:

- participated online awareness quiz on Research organised by journal of advanced research in technology and management sciences on 27/5/2020
- Participated in a Webinar on a "Emotional Well Being at Work: Psychology of Emotional Intelligence for Teaching Faculty" on 04/06/2020 organized by MLRIT.
- Participated in the Five Days FDP on "Refrigerants Progression-Environmental Concerns" organized by QIS College of Engineering and Technology from 01.06.2020 to 05.06.2020.
- Participated in the Five Days FDP on " Multi Objective Optimization for Mechanical Engineering Applications" organized by QIS College of Engineering and Technology from 08.06.2020 to 12.06.2020.
- Participated in a Webinar on a "Future Materials for Engineering Applications" on 02/06/2020 organized by VNR VJIET.

- Participated in a Webinar on a "Salient Features in Machine Component Design" on 05/06/2020 organized by VNR VJJET.
- Participated in a Webinar on a "Overview of Machine Learning" on 04/06/2020 organized by VNR VJJET.
- Participated in a Webinar on a " Overview of Entrepreneurship Development" on 03/06/2020 organized by VNR VJJET.
- Participated in a Webinar on a " Natural Composites for Sustainable Development" on 01/06/2020 organized by VNR VJJET.
- participated online awareness quiz on Engineering Graphics organized by Aurora's Technology and Research Institute on 20th June 2020
- participated National Level Quiz on Industrial Robotics and Applications organized by GEC on 17/06/2020.
- participated National Level Quiz on E-Learning organized by PVPP College of Engineering on 17/6/2020
- Participated in one week online FDP on "Advanced Research Challenges in Material Science" organized by Sri Vasavi Engineering College from 1st June to 6th June 2020.
- participated National Level Quiz on "Thermal Engineering" conducted by Geethanjali Institute of Science and Technology on 18/6/2020
- Participated in a Webinar on a "Research in Computational Materials Science" organized by Aurora Engineering College on 19th June 2020
- Participated in a Webinar on a "Industrial Applications of Robust Design" organized by Francis Xavier Engineering College on 19th June 2020
- Participated in a Webinar on a "Adventures of Particle Physicists" organized by Francis Xavier Engineering College on 20/6/2020
- Participated in 3 day online FDP on " E-Certificate of Participation" organized by Andhra Loyola Institute of Engineering and Technology from 18/6/2020 to 20/6/2020.
- Participated in a Webinar on a "Gas Turbine and Space Propulsion" organized by Francis Xavier Engineering College on 23/6/ 2020
- Participated in one week FDP on aspects of pneumatics, Hydraulics and Robotics during 15-20 December, 2017 at innovation Technologies center, JNT University Hyderabad, Telangana in association with Rexroth Bosch, Bengaluru.
- Participated in Five day Short Term Programme on Engineering Drawing Through AUTO CAD conducted by department Mechanical & Automobile Engineering During 11 – 15 December, 2017 at VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad
- Participated in one week work shop on Advanced Numerical Modeling Technologies for Mechanical Engineering held during 27 to31 march 2017 at VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad.
- Participated in National conference on INNOVATIVE APPROACHES IN MECHANICAL ENGINEERING conducted by department Mechanical Engineering on 22 to 23 september, 2017, at St. Martins Engineering College, Hyderabad.
- Participated in one week Faculty Development Program on APPLICATIONS OF CFD IN THERMAL FLUIDS ENGINEERING during 29 February to 6 march 2016,at CMR Engineering College, Hyderabad.
- Participated in one week Faculty Development Program on HYPER WORKS & COMPUTATIONAL FLUID DYNAMICS conducted by department Mechanical Engineering during 5 to 10 December , 2016 St. Martins Engineering College, Hyderabad.

- Participated in Two day FDP on Finite Element Analysis on 20 & 21 Feb-2015 organized by department of Mechanical Engineering, MREC.
- Participated in Two day workshop on Engineering Drawing under TEQIP II S.C.-1.1 on 12th and 13th Sept-2014 organized by department of Mechanical Engineering, MREC.
- Participated in Two day National conference on Role of Civil and Mechanical Engineering in Development of Society, conducted by departments of Civil and Mechanical Engineering on 20 & 21 Sept 2013.
- Participated in Futuristic Trends of Nano Composites and Their Fabrication conducted by Mechanical Department, RVR & JC Engineering college, Guntur on 6 & 7 Sept 2013.
- Participated in One day National workshop on Advanced trends in IC engines and combustion on 28 Feb,2013 organized by department of Mechanical Engineering, JNTUH, Hyderabad.
- Participated in FDP on Advancements in Engineering Design Process organized during 6 & 7 Dec-2012 at MLRIT, Hyderabad.
- Participated in a two week ISTE Workshop on Engineering Thermodynamics conducted by IIT Bombay from 11th to 21st Dec-2012
- Participated in a two day National level workshop under TEQIP II. On Recent Advance in CFD for industrial applications organized by department of Mechanical Engineering, MREC on 24 & 25 of March, 2012.
- A one week Training Programme on Engineering Drawing Sponsored by APSCHE in association with JNTUH organized at KG Reddy College of Engineering & Technology, Hyderabad from 13th to 18th Feb-2012.
- Three day Faculty Development Programme at KGR CET, 30th June to 2nd July 2011.
- Two Day National Seminar on Precision Engineering organized at JNTUH, Hyderabad on 10th and 11th July 2009.
- Attended Two day National level seminar on “MICRO MACHINING PROCESS” in RVR&JC, Guntur.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: malla reddy engineering college and management

5.2. Articles / Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided :

a) UG :10 b) PG :2

5.5. Research Interests : IC Engines, Thermal Engineering, R&AC

5.6. Ph.D students : Nil

a) Enrolled : b) Submitted : c) Awarded :

5.7. Papers published in reviewed journals :

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International

1	Advanced Brake Alert System	Vol. 2, Issue 12, December 2013	ISSN: 2319-8753	7.089	IJRSET
2	Performance and emission characteristics of single cylinder diesel engine fuelled with bio diesel blends	Volume 13 Number 7 - Jul 2014	ISSN: 2231-5381	2.88	IJETT
3	Experimental Investigation of Rotary Friction Welding Parameters of Aluminum (H-30) and Mild Steel (Aisi-1040)	Vol. 4, Issue 5, May 2015	ISSN(Online) : 2319 - 8753	7.089	IJRSET
4	Experimental Investigation Of Friction Stir Welding And Tig Welding For Al-6082	Vol. 4, Issue 7, July 2015	ISSN(Online) : 2319 - 8753	7.089	IJRSET
5	Simulation Of Flow Over NACA 23012 Airfoil In Incompressible And Compressible Subsonic Regimes	Volume 11, Number 1 (2015)	ISSN 0973-1784		International Journal of Dynamics of Fluids.
6	Compound Parabolic Serpentine Collector	Vol. 3, Issue 7, July 2016	ISSN:2348-4845	3.5540	IJMETMR
7	Evaluation of Performance and Emission Characteristics of CI Diesel Engine using Biodiesel with Adiabatic Concept	Vol. 5, Issue 7, July 2016	ISSN(Online) : 2319 - 8753	7.089	IJRSET
8	Investigations on Combustion Characteristics of Compression-Ignition Diesel Engine with Controlled Atomisation Using Bio-Diesel	Vol. 6, Issue 1, January 2017	ISSN(Online) : 2319 - 8753	7.089	IJRSET
9	Design and Analysis of a Automobile Chassis by using Composite Material E-Glass Epoxy	Vol. 6, Issue 10, October 2017	ISSN(Online) : 2319 - 8753	7.089	IJRSET
10	Experimental Investigations of Performance and Emission Characteristics of CI Diesel Engine Using Plastic Oil Blends	Volume 02 - Issue 12 December 2017	ISSN: 2455-4847	2.01	IJLEMR
11	Experimental Investigations on LHR Diesel Engine Using Biodiesel with Nano Additive	Volume 03 - Issue 02 February 2018	ISSN: 2455-4847	2.01	IJLEMR
12	Analysis on Impact of Various Parameters for LHR Diesel	Volume 8, Issue 2,	ISSN 2250-2459,	4.027	IJETAE

	Engine using Biodiesel and its Additives	February 2018)			
13	Experimental Investigations on CI Engine Using Biodiesel With Fuel Additives	Volume 4, Issue 10,	ISSN 2454-9150,	4	IJREAM
14	Experimental Investigations on CI Engine with different Combustion Chamber Designs	Volume 7, Issue 6, March 2019	ISSN: 2277-3878,	6.04	IJRTE
15	Influence of Tool Pin Profile and Tool Rotating Speed on Mechanical Properties of Al6082 Alloy	Volume-8 Issue-12, October, 2019	ISSN: 2278-3075,		IJITEE

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Optimization of Delamination Damage of GFRP composite during End milling using Taguchi Method, S/N ratio and ANOVA	Proceedings of the 4th National Conference on Advances in Mechanical Engineering	National	November 7-8, 2013, VCE, Ibrahimbagh, Hyderabad, AP, India
2	Experimental Investigations into Performance of Powder Mixed Electric Discharge Machining for High Carbon High Chromium Steel and EN-31 Steel	International Conference on Emerging Technologies in Mechanical Sciences	International	2013-14
3	CFD Analysis Of Helically Coiled Tube For Compact Heat Exchangers	Emerging Trends in science and Technology	National	1S8N.... 978 93 83038 20 6
4	Performance and emissions characterizes of Low Heat Rejection(LHR) engine at different Injection timing using Diesel and bio diesel fuels	Emerging Trends in science and Technology	National	2015-16
5	Educating the next generation of entrepreneurial engineer in the development of Indian industry - some recommendations	International Conference on Emerging Technologies in Mechanical Sciences	International	2014-15

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
	NIL				

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
	NIL				

6. Awards / Honors received: Ph.D. completed

7. Motto: