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DATE OF BIRTH: 14/11/1985

Academic Qualifications:

Course	Name of the Institution	Board / University	Year of Completion
SSC	Maharshi Vidya Mandir, Proddatur	STATE BOARD	2001
Intermediate	Vignan Co-operative Junior College, Guntur	BOARD OF SECONDARY EDUCATION	2003
B.Tech (Mechanical Engineering)	K.S.R.M College of Engg , Kadapa	S.V. UNIVERSITY	2007
M.E. (Production Engineering)	PSG COLLEGE OF TECHNOLOGY, COIMBATORE.	ANNA UNIVERSITY, COIMBATORE	2010
Ph.D	JNT University Anantapur	JNT University Anantapur	Pursing

Experience:

Name of the Employer	Designation	Employment		Nature of Duties
		From	To	
JNTU College of Engineering, Pulivendula.	Assistant Professor (C)	01/06/2010	Till Date	Teaching & Research

Number of Research publications:

National & International Journals: 07

International Conferences: 01

National conferences: 05

FDP/ Training program : 17

NPTEL Courses : 06

Papers Published: 07

National & International Journals:

1. K.Pavan Kumar Reddy, Y.Rameswara Reddy, R.VishnuVardhan Reddy, "Optimization of Surface Roughness and MRR in Turning Operation Using Extended Taguchi Method", International Journal of Engineering Research, Vol. 3, Issue: Special 1, pp. 92 – 96, 2014, ISSN: 2319 – 6890 (Online), 2347 – 5013 (Print).
2. D.Rajabhushan, R.Vishnu Vardhan Reddy, "Human Knee Joint MRI Digital Fabrication of 3D Printed Scaffolds", International Journal of Advance Engineering and Research Development, Vol. 4, Issue: 8, pp. 467 – 472, 2017, ISSN: 2348 – 4470 (online), 2348 – 6406 (Print).
3. S.Rafiuddin, R.Vishnu Vardhan Reddy, "Optimal Design and Analysis of Wind Turbine Blade and Hub Coupled System", International Journal of Advance Engineering and Research Development, Vol. 4, Issue: 9, pp. 638 – 646, 2017, ISSN: 2348 – 4470 (online), 2348 – 6406 (Print).
4. S.Basheer Ahamed, R.Vishnu Vardhan Reddy, "Fabrication and Analysis of Human Prosthetic Teeth by using 3D Printing Machine for Medical Assistance", International Journal of Technical Innovation in Modern Engineering & Science, Vol. 4, Issue: 12, pp. 242 – 248, 2018, ISSN: 2455 – 2585.
5. V.Praveen Kumar, R.Vishnu Vardhan Reddy, "Fabricating an Advanced Low Cost Bionic Arm using Electromyography (EMG)", Journal of Engineering Sciences, Vol. 10, Issue: 12, pp. 15 – 18, ISSN: 0377 – 9254.
6. P.Bhargav, R.Vishnu Vardhan Reddy, "Optimization of Machining Parameters of HASTELLOY – X in Abrasive Jet Machining (AJM)", Mukta Shabd Journal, Vol. 9, Issue: 12, pp. 971 – 979, ISSN: 2347 – 3150.
7. Mylamala S.S.Prabhakar, R.Vishnu Vardhan Reddy, K.Pavan Kumar Reddy, "Review of Influence of Process Parameters in Power Metallurgy Technique", Industrial Engineering Journal, Vol. 52, Issue: 2, pp. 371 – 375, ISSN: 0970 – 2555.

Conferences: 06

International:

1. Presented a paper titled "OPTIMIZATION OF MACHINING PARAMETERS FOR GUN METAL IN END MILLING PROCESS" IN Annual International Conference on Materials Processing and Characterization at Gokaraju Rangaraju Institute of Engineering and Technology from 8th to 10th March 2012.

National:

1. Presented a paper titled "PREDICTION OF SURFACE ROUGHNESS USING MATHEMATICAL AND ANN MODELS IN END-MILLING OPERATION" in 4th National Conference on AIMS-2010 held at Kumaraguru College of Technology, Coimbatore.
2. Presented a paper titled "Optimization of Surface Roughness & MRR in Turning Operation using Extended Taguchi Method" in AICTE Sponsored National Conference on Emerging Trends in Mechanical Engineering for Sustainable Development – 2014, held at RGM CET Nandyal on 22nd March 2014.
3. Presented a paper titled "Optimization of Turning Parameters & Cutting Tool wear on AISI 1040 using Utility Theory & Taguchi Method" in 2nd National Conference on Innovations in Mechanical Engineering, held at MITS Madanapalli on 18th & 19th December 2014.
4. Presented a paper titled "Modeling and Analysis Functionally Graded Material for Disc Plate under Mechanical Loads", at Indian Technology Congress 2015, held at NIMHANS Convention Centre, Bengaluru on 29th & 30th July 2015.
5. Presented a paper titled "Experimental Investigation on Machining Characteristics in EDM", in National Conference on Trends in Mechanical Engineering, held at JNTUACE Ananthapur, on 23rd September 2015.

FDP/Training Programs:

1. Attended a "FDP on AUTO CADD 2011" at JNTUA College of Engineering Pulivendula from 22nd to 25th November 2011.
2. Attended a five workshop "MISSION 10X" Faculty Empowerment Program conducted by Wipro Technologies at JNTUA College of Engineering Pulivendula from 26/12/2011 to 30/12/2011.
3. Attended A One Week Workshop on "SOLIDWORKS SOFTWARE" at JNTUH College of Engineering Hyderabad from 28th January to 2nd February 2013.
4. Attended a Quality Improvement Program "A Short Term Course on Applications of Lasers in Manufacturing" at Indian Institute of Technology Guwahati from 24th – 28th June 2013.
5. Attended a Short Term Training Course on "Pedagogy Training – Module – I" at NITTTTR Chandigarh from 25th – 29th November 2013.
6. Attended a Quality Improvement Program "A Short Term Course on Modeling and Simulation Using Finite Element Methods" at Indian Institute of Technology Roorkee from 7th – 11th January 2014.
7. Attended a Two Day Faculty Development Program on "CFD Applications using Star CCM+" at JNTUACE Pulivendula under TEQIP - II on 16th & 17th January 2014.
8. Attended a Faculty Development Programme on Applications of Finite Element Methods through ANSYS Software: at JNTUACE Pulivendula under TEQIP – II from 20th – 22nd January 2014.
9. Attended a Short Term Course on "MECHATRONICS" at NITTTTR Chandigarh from 19th – 23rd January 2015.

10. Attended a Short Term Course on “Product Design and Process Optimization Using Designed Experiment” at Indian Institute of Technology Delhi from 18th – 20th March 2016.
11. Attended a Short Term Course on “Internet of Things (IoT) Advanced Level” at JNTUA College of Engineering Pulivendula Organized by Engineering Staff College of India, Hyderabad from 06th – 10rd March 2017.
12. Attended a Training Program on “RobCAD Basics” at SIEMENS Centre of Excellence, JNTUA College of Engineering Anantapur Organized by A.P.S.S.D.C and SIEMENS from 18th – 22nd December 2017.
13. Attended a Training Program on “Basic Robotics” at SIEMENS Centre of Excellence, JNTUA College of Engineering Anantapur Organized by A.P.S.S.D.C and SIEMENS from 23rd – 28th December 2017.
14. Attended a 2 Week AICTE Sponsored Faculty Development Program on “Recent Advances in Materials and Challenges in Manufacturing Techniques”, Organized by University College of Engineering, JNTU Kakinada from 22nd March to 3rd April 2021.
15. Attended a AICTE Sponsored ATAL Academy Faculty Development Program on “Novel Materials and its Applications”, organized by JNTUA College of Engineering Pulivendula from 04th October to 08th October 2021.
16. Attended a Faculty Development Program on “Applications of Artificial Intelligence & Machine Learning in Mechanical Engineering”, organized by Seshadri Rao Gudlalleru Engineering College Gudlalleru from 06th March – 10th March 2023.
17. Attended a Industrial Training Program in “Additive Manufacturing & Its Applications – 3D Printing / Additive Manufacturing” organized by C – DAC Hyderabad from 08th May – 17th May 2023.

NPTEL / SWAYAM MOOC Courses:

S.No	Name of the Course	Duration	Year & Month	FDP
1	Fundamentals of Surface Engineering: Mechanisms, Processes and Characterizations	12 Weeks	July to October 2018	Yes
2	Mechanics of Machining	4 Weeks	July to October 2018	--
3	Introduction to Mechanical Micro Machining	12 Weeks	January to April 2019	Yes
4	Non Traditional Abrasive Machining Processes: Ultrasonic, Abrasive Jet and Abrasive Water Jet Machining	4 Weeks	January to February 2020	--
5	Machining Science	4 Weeks	January to February 2023	Yes
6	Mechanics of Fiber Reinforced Polymer Composite Structures	12 Weeks	January to February 2023	Yes

Professional Memberships

- IAENG – International Association of Engineering (Member Number: 127709)
- ISTE – Indian Society for Technical Education (Member Number: LM 90781)