

RESUME

RAVI VARMA PENMETSА

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Mechanical Engineering Department,
S R K R Engineering College,
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Educational Qualification:				
Degree	Institution/University	% of Marks	Class obtained	Year of Passing
(Ph.D)	Annamalai University	-	-	Pursuing
M.Tech	Gokaraju Rangaraju Institute of Engineering & Technology / JNTUH	68	1 ST Class	2011
B.Tech	Swarnandhra College Of Engineering and Technology / JNTUH	64.29	1 ST Class	2008
Intermediate	K.K.R.Junior College / BIE, A.P	82.7	1 ST Class	2004
S.S.C	Viswakavi high school / SSC, A.P	79.16	1 ST Class	2002

Industry Experience :				
Position	From	To	Length of Service	Industry
Supervisor	1 st Sep 2012	10 th Oct2013	1Year 1Month	Anjali Engineering Works, Vizag

Teaching Experience : (Designation & Institution Wise)				
Position	From	To	Length of Service	Institute/Affiliated University
Assistant Professor	17 th Oct 2013	Till Date	8Years	S R K R Engineering College

Field of Specialization
<ul style="list-style-type: none">B. Tech in Mechanical EngineeringM. Tech in Design for Manufacturing (Mechanical)

Workshops/STTP Attended:

- Attended a five day online Faculty Development Program on “**Inculcating Universal Human Values in Technical Education**” organized by All India Council for Technical Education(AICTE), New Delhi from 28th June to 2nd July 2021
- Attended a six day online Faculty Development Program on “**Outcome Based Education NBA Accreditation for Tier II Colleges**” organized by S.R.K.R Engineering College, Bhimavaram from 29th March to 3rd April 2021
- Attended a five day online Faculty Development Program on “**Advanced Materials and Manufacturing for Industry 4.0**” organized by MVJ College of Engineering, Bangalore from 22nd to 26th September 2020
- Attended a five day online work shop on “ **Futuristic Trends in Mechanical Engineering**” organized by Sri Vishnu College for Women, Bhimavaram from 25th June to 4th July 2020
- Attended a five day online Faculty Development Program on “**Multi Objective Optimization in Mechanical Engineering Applications**” organized by QIS College of Engineering, Ongole, from 8th to 12th June 2020
- Attended a five day online Faculty Development Program on “**Advancements in Phase change material based thermal and renewable energy techniques**” organized by Lakireddy Bali Reddy College of Engineering, Mylavaram, from 1st to 5th June 2020.
- Attended a one day webinar on “**Introduction to Design of Experiments**” organized by Arasu Engineering College, Kumbakonam, 27th May 2020
- Attended a one day webinar on “**Guidelines for Writing a Research Paper**” organized by Arasu Engineering College, Kumbakonam, 22nd May 2020
- Attended a one day webinar on “**Research Methodology - Methods & Best Practices**” organized by Santiram Engineering College, Nandyal, 7th May 2020
- Attended a one week Faculty Development Program on “ **Research Methodology**” in S.R.K.R Engineering College, Bhimavaram – 8 July to 12 July 2019
- Completed a one week Faculty Development Program (8 Week Course, 1 Week FDP) on “**Joining Technologies for Metals**” conducted by NPTEL, Feb - Apr 2019
- Attended One day National Workshop on “**Innovations in Materials & Manufacturing**” in S.R.K.R Engineering College, Bhimavaram – 1st March 2019
- Attended One day Seminar conducted on “ **Sustainable Solid Waste Management for Smart cities**” in Sir C.R.Reddy College of Engineering, Eluru – 9th Feb 2019

- Attended a Two day workshop conducted on “ **Additive Manufacturing**” in S.R.K.R Engineering College – 13 &14 July 2018
- Attended a one week Faculty Development Program conducted on “ **Computational Fluid Dynamics**” in VVIT, Guntur – 29 April to 3 May 2018
- Attended a one week Faculty Development Program conducted on “**3D Printing Technology In Engineering Education**” in NIT, Warangal – 5 To 10 June 2017
- Attended a Two day Training program conducted on “**3D Printing** ” in VISIT, Tadepalligudem – 3&4 March 2017

Conferences attended:

- Attended an two day online conference on “Second International Conference on Emerging Trends in Materials, Computing and Communication Technologies” and presented a paper titled “**Experimental Investigation and Optimization of Turning Process of EN8 Steel using Taguchi L9 Orthogonal Array**” in Annai Vailankanni College of Engineering, Azhagappapuram, Tamilnadu. Dec 2021
- Attended an online conference on “4th International Conference on Inventive Material Science and Applications” and presented a paper titled “**Optimization of process Variables in Abrasive Water Jet Machining of Nimonic C-263 Super Alloy using Taguchi Method**” in PPG Institute of Technology, Coimbatore. May 2021
- Attended a conference on “9th International Conference Materials Processing & characterization ” and presented a paper titled “**Investigation on Mechanical Properties Of Friction Stir Welded Aa7075 & Aa6061 Joints**” in GRIET, Hyderabad. March 2019
- Attended a conference on “ International Conference on Latest Innovations in Engineering and Technology” and presented a paper titled “**A Study on Tribological behavior of AL2014,AL 2014 & Al7075 Alloys** in LENDI Institute, Jonnada – June 2018
- Attended a conference on “ 8th International Conference Materials Processing & characterization ” and presented a paper titled “**A Study of Tribological behavior of Aluminium 7075/SiC Metal matrix composite**” in GRIET, Hyderabad March 2018

Research Publications :

- Madhavarao, S., Ravi Varma Penmetsa, Rama Bhadri Raju, and Hema T. Raju Gottumukkala. "**Optimization of Process Variables in Abrasive Water Jet Machining of Nimonic C-263 Super Alloy Using Taguchi Method.**" in Proceedings of Fourth International Conference on Inventive Material Science Applications, Springer, ISSN 2662-6837, October 2021, PP:167-177.
- S. Madhavarao, Ravi Varma Penmetsa, G S V Seshu Kumar, Ch Ramabhadri Raju,K. Tarun Kumar "**Investigation on Mechanical Properties Of Friction Stir Welded Aa7075 & Aa6061 Joints**" Materials Today: Proceedings, Elsevier. ISSN: 2214-7853, Volume 18, Part 7, November 2019, PP: 2288-2297
- Ravi Varma Penmetsa, S. Madhavarao, Ch. Ramabhadri Raju,G. S. V. Seshu Kumar "**A Study of Tribological Behavior of Al2014, Al2014 and Al7075 Alloys**". Recent Advances in Material Sciences Conference proceedings, Springer Publications, ISSN: 2522-5030,Chapter 11, 07 August 2019, PP 123-137
- S.Madhavarao, Ch. Ramabhadri Rajua, J Madhukiranb, N Sudheerkumar Varma, P Ravi Varma "**A Study of Tribological Behaviour of Aluminum-7075/SiC Metal Matrix Composite**". Materials Today: Proceedings,Elsevier. ISSN: 2214-7853 Volume 5, Issue 9, Oct 2018, PP: 20013-20022
- S.Madhavarao, Ch. Ramabhadri Raju, P. Ravi Varma, M. Anil Kumar, "**Design and Fabrication of Automatic Ground Clearance Adjustment System**", International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), ISSN: 2321-8169,Volume 4 Issue 7, July 2016,PP: 156 - 159
- Kollipara Gopala Rao, Ravi Varma Penmetsa. "**Structural Analysis of Side Conveyor for Bottle Inspection Machine**", Advanced Research Journals of Science and Technology (ARJST), ISSN: 2349-1845, Volume: II, Issue: II, September 2015, pp1-7.

Personal Details:

- (a) Date of Birth : 08/06/1987
(b) Name of the Father : Lakshmi pathi Raju
(c) Name of the Mother : Uma Lakshmi
(d) Gender : Male
(e) Marital Status : Married
(f) Nationality : Indian

Other Details:

- AICTE id: 1-2187160525
- ORC id: 0000-0002-3789-9764
- Scopus Id: 57213147811
- Web of Science id: Q-2667-2016
- Associate member in Institution of Engineers (India) - AM1625325

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Declaration: I hereby declared that the above furnished details are true and authentic.

Place:

Date:

(RAVI VARMA PENMETSA)