



Profile of
MIRIYALA VEERABHADRARAO D.N.

(Assistant Professor), Ph.D Research Scholar (Mechanical)

Qualifications: Diploma (Mech.), Bachelor of Engg (Prod'n Engg.),
MTech.(Mfg.), MBA (Mkt.)

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List of Publications

1. **M.VeeraBhadraRao**, Patil B.T, Shaikh V., D.S.S.Sudhakar, "Recent Studies of Al₂O₃, Graphene and MoS₂ Nano-Materials in Metal Working Fluids for Turning Steel – A Review", Paper ID: EMTP 4003, Proceedings of ICRAMM 2019, Volume 2, pp. 563, International Conference on Recent Advances in Materials and Manufacturing, 12-14 Sept. 2019, Belagavi.
2. **M.VeeraBhadraRao**, Patil B.T, Shaikh V., D.S.S.Sudhakar, "Experimental Performance Evaluation of Mist Cooling using Bio-Degradable Coconut Oil in Turning of EN24 Steel in minimization of Tool Wear, Surface Roughness and Chip Thickness", International Conference on Recent Advances in Mechanical Infrastructure (ICRAM-2019), oral presentation accepted at IITRAM, Ahmedabad during April 20-21, 2019, https://doi.org/10.1007/978-981-32-9971-9_1, Publisher Name: Springer, Singapore, Online ISBN : 978-981-32-9971-9
3. **Rao M.V.B.**, Patil B.T, Shaikh V., D.S.S.Sudhakar, " Comparative Evaluation of Tool Wear, Chip Study and Machined Roughness Characteristics in Turning of EN24 Steel in Dry condition, Water Flooded and Bio-Degradable Coconut Oil based Mist Cooling System at Constant Machining Conditions", Conference Presentation at NICETM – 2018, 30 Nov -1st Dec 2018, NITIE – Mumbai
4. **Rao M.V.B.**, Patil B.T, Shaikh V., Jaware R., "Benefits of using Nano-Fluids in Minimum Quantity Lubrication (MQL) Turning of Steel", ICIEIND- 2018 conference, IIIE Bhubaneshwar.
5. **Rao M.V.B.**, Patil B.T, Vasim A. Shaikh, "Recent Trends in the Effective Utilization of Minimum Quantity Lubrication (MQL) in Turning Low Carbon Steels, IIIE Journal – Peer Reviewed, Feb 2018, Vol. XI, Issue 3, pp. 29-33
6. **Miriyala VBRao**, "Comparative Performance Evaluation of Uncoated and PVD-Coated Carbide Inserts during Dry Turning of Austenitic Stainless Steel (SS304L)", Sankalp 2013 – Fr. CRCE, Bandra, 15th Feb. 2013.

Interaction with outside World

Marathon Runner (for 3kms, 5kms, 10kms, 21 kms), participated in 10 events so far.
Industrial Training (1 week) at Rolta and Siemens.

Passion

Use of Colors and crafts as required. Socializing to some extent
Arrange workplace layout at times. Strong believer of God

List of NPTEL courses completed

1. "Sustainability through Green Manufacturing Systems : An Applied Approach", Marks Obtained: 78 / 100 (Elite) 8 week Course, Nov. 2017
2. "Introduction to Machining and Machining Fluids" Marks Obtained: 85/100 (Elite – Topper) 8 Week Course, May 2018
3. "Engineering Metrology" Marks Obtained: 88/100 (Elite – Topper 5%) 12 Weeks FDP-AICTE approved, Nov. 2018

Post Graduate students Guided & Completed projects

03 PG students completed projects in area of Welding, Machining field, 01 student under guidance and project in progress (Design & Development of new prototype for Healthcare).

Industrial / Teaching Experience

1.5 years in Fabrication Industry in Site & Workshops/Factory, 18+ years in Teaching Diploma, UG & P.G students as Lecturer, HOD I/c, for Diploma and presently as Asst. Prof. & Class Teacher for P.G (Mech) students, 2 yrs was NSS program Co-ordinator, Presently Team ABADHA-CRCE Faculty Incharge, attended various FDP/STTP programs and participated in Fr. CRCE ROTARACT marathons (3), TEDxCRCE (2), papers setter for various subjects (12) at university level for UG and PG courses., Mentoring students at UG level, participated in 3 blood donations in CRCE campus, Balbhavan children Interactions during NSS work, Chiefly involved in Industrial Visits, cultural work including Decorations/ Crafting/ Colorings. External Faculty for Various colleges for subject exams, projects.

Life Membership

IIIE (Indian Institution of Industrial Engg.)
ISTE (Indian Society for Technical Education)
CEGR (Centre for Education Growth & Research)