



Dr.Raman Goud.Rachala,(ID:386) Professor Department of Mechanical Engineering

Qualifications: B, E (Mechanical Engineering –College of Engineering Osmania University)

M. Tech (Advanced Manufacturing Systems) (JNTUH-Hyderabad),

Ph.D (Metal forming, JNTUH-Hyderabad)

Experience: 16 years

Research Interest: Sheet metal forming, Finite Element Analysis, CAD/CAM

Journal Publications/Conference Proceedings: 15

Journal publications

International Journals:

1. **R.Raman Goud**, K Eshwara Prasad, Swadesh Kumar Singh” Redrawing of EDD steel at elevated temperatures” International journal of Advanced materials & Manufacturing and characterization vol.4 2014 pp 75-80.
2. **R.Raman Goud**, K. Eshwara Prasad, Swadesh Kumar Singh” Formability Limit Diagrams of Extra Deep Drawn steel at elevated temperatures” International journal of Procedia materials Science ELSEVIER publications vol.6 2014 pp 123-128.
3. Chadaram Srinivasu, Vishnu, Limbadri, **R. Raman Goud**, K. Eshwara Prasad, George Varghese, Swadesh Kumar Singh, Amit Kumar Gupta” Finite Element Simulation of Stretching Operation of EDD Steel at Different Temperatures” International journal of materials Today, ELSEVIER publications vol.2 issue 4 2015 pp 1959-1967.
4. Jella Gangadhar, K. Sai Kiran Reddy, **R. Raman Goud**, K. Eshwara Prasad, George Varghese, Amit Kumar Gupta, Swadesh kumar Singh“ Finite Element Simulation of Direct Redrawing Process of EDD Steel at Elevated Temperatures” International journal of materials Today, ELSEVIER publications vol.2 issue 4 2015 pp 1968-1977.
5. Eshwara K. Prasad, **Raman R. Goud**, Swadesh Kumar Singh, N. Sateesh “Construction of Strain Distribution Profiles of EDD Steel at Elevated Temperatures” International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering Vol:9, No:12, 2015,pp 1329-1335, World Academy of Science, Engineering and Technology

National Journals:

1. **R.Raman Goud**, K. Eshwara Prasad, Swadesh Kumar Singh” Microstructural studies of Extra Deep Drawn steel in stretchforming at elevated temperatures “Journal of Manufacturing Engineering” SME vol.9 2014 pp 128-134

International conferences:

1. **R.Raman Goud**, L. Jayahari, K. Eshwara Prasad, and Swadesh Kumar Singh, "Experimental and Design considerations of Stretching of EDD steel sheet at elevated temperatures" International Conference on Advances in Materials and Materials Processing, IIT Kharagpur India, Dec 9-11, 2011 pp 202-203
2. **R.Raman Goud** and K. Eshwara Prasad, Forming Limit Diagram of EDD steel for stretching in sheet metal forming" International Conference on Materials Processing and characterization, GRIET, Hyderabad ,India, March 8-10, 2012 pp 83-88.
3. **R.Raman Goud** and K. Eshwara Prasad, Construction of Forming Limit Diagram of Extra Deep Drawn steel at elevated temperatures" International Conference on Materials Processing and characterization, GRIET, Hyderabad ,India, March 8-10, 2014.
4. K. Eshwara Prasad, **R.Raman Goud** and Swadesh Kumar Singh “Some Investigations of Stretching operation of EDD Steel at elevated Temperatures using FEM" International conference on Computer Science and Information Systems (ICSIS’2014), at Dubai (UAE), on Oct. 17-18, 2014.
5. N. Sateesh, C.S.P. Rao, K. Prashanth Reddy, **R. Raman Goud** “design of cam-follower mechanisms using rational b-splines” International Conference on advanced materials and manufacturing technologies (AMMT-2014) on December 18-20,2014
6. K. Eshwara Prasad, **R.Raman Goud** and Swadesh Kumar Singh“ Construction of Strain Distribution Profiles of EDD Steel at Elevated Temperatures" XVII International Conference on Materials Engineering and Technology - ICMET 2015 at Melbourne, Australia on 13-14 December-2015.
7. **R.Raman Goud** K. Eshwara Prasad, and Swadesh Kumar Singh “Thickness Distribution of Extra Deep Drawn steel in stretchforming at elevated Temperatures” International Conference on Materials Processing and characterization, GRIET, Hyderabad ,India, 13-14 March, 2015.(accepted for publication)
8. R Sri Rama devi, G Poshal, K. Eshwara prasad, **R.Raman Goud**” Strain hardening behaviour of hot rolled annealed nickel free nitrogen based austenitic stainless steel” International Conference on Materials Processing and characterization, GRIET, Hyderabad ,India, 13-14 March, 2015.(accepted for publication)

National Conferences:

1. **R.Raman Gaud**, K. Eshwara Prasad, Jayahari and Balu Naik, Swadesh Kumar Singh, (2009), “Development and Design Considerations of Warm Forming of Aluminum-alloy” NCSAME 09, JNTU Hyderabad, pp 24 Aug 2009, India.

Workshops Organized:

1. “-A work shop on Advanced Machining Techniques” organized during 16-18 Jan-2013 by Dept of Mechanical Engg., GRIET, Hyderabad.
2. GRIET INDUSTRIAL EXPO-2013 Organized during 01-02March-2013 by Dept of Mechanical Engg, GRIET, Hyderabad.

Year	FDP/Training Activities/Workshops/STTP's	Details
2015-2016	Management Capacity Enhancement Programme” (MHRD’s National Mission for Teachers and Administrators) held at Indian Institute of Management Indore	November16 th - 22 nd , 2015.
	FDP on Advancements in MEMS and NEMS technologies at GRIET	19 th Nov – 21 st Nov 2015
	Faculty Development Programme in Entrepreneurship Organized by Centre for Entrepreneurship Development ,Hyderabad from 26-03-2015 to 08-04-2015 sponsored by NSTE DB and DST	26-03-2015 to 08-04-2015
2014-2015	FDP on Additive Manufacturing at GRIET	25 th Mar – 27 th Mar 2015
	A Faculty Design Work shop of the Technology Entrepreneurship programme at the Munjal Institute for Global Manufacturing, ISB ,Hyderabad	28-29 March,2014.
	Two-week ISTE workshop on Fluid Mechanics conducted by Indian Institute of Technology Kharagpur & GRIET	20 th -30 th May 2014.
	A work shop on Fatigue, Fracture and Life extension” during 29-31 –Jan 2014 by TR Anantharaman Education & Research Foundation, Hyderabad.	29-31 –Jan 2014
2013-2014	Two-week ISTE workshop on Engineering Mechanics conducted by Indian Institute of Technology Bombay &GRIET.	26 th Nov- 6 th December 2013
	A work shop on Metrology “as per ASME GD & TY Organized by Dept of Mechanical Engg. University college of Engineering Osmania University, Hyderabad.	21-23 –MARCH 2013
	-A work shop on Welding processes & practices for skill improvement in Fabrication” Organized by Dept of Mechanical Engg. GRIET, Hyderabad	21-23 Feb-2013
	A work shop on Advanced Machining Techniques .organized by Dept of Mechanical Engg., GRIET,	16-18 Jan-2013

	Hyderabad	
	GRIET INDUSTRIAL EXPO-2013 Organized by Dept of Mechanical Engg, GRIET, Hyderabad.	01-02 March-2013