

EASU D

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Education:

Sl.No.	Course	Name of the Institution	Year of Passing	Class
1	Ph.D	Anna University	2016	-
2	M.E Engineering Design	College of Engineering, Guindy, Anna University, Chennai	2001	First
3	B.E. (Mech.)	V.L.B.Janaki Ammal College of Engineering	1994	First

Achievements:

1. Best Teaching Staff Award for the year 2013-14
2. Guided four student level projects each of worth 1 Lakh funded by IEDC DST, New Delhi
3. Received fund for MODROB of Rs.7.Lakhs from AICTE in 2019
4. Published 2 patents in 2017 and 1 patent in 2018.(Totally 3 patents)
5. Department level NBA and NAAC coordinator.

List of Publications

International Journals

1. **Easu, D & Siddharthan, A** 2013, 'Theoretical and Experimental Analysis of a Vibration Isolation System using Hybrid magnet', Procedia Engineering, vol.64, pp. 1139-1146, (Elsevier Publications).
2. **Easu D, Amrutha, R & Siddharthan, A**, 'Experimental study on Quarter Car Model using the combination of MR fluid damper and Hybrid Magnet', accepted in Journal of Applied Mechanics and Materials.
3. M.Tamilmagan, **D. Easu**, Baskarlal.V.P.M & V.Andal, " Synthesis, characterisation, design and study of magnetorheological property of

nano Fe₂O₃, International Journal of ChemTech Research, Vol.8, No.5, pp 65-69, 2015

4. **Easu Dakshnamoorthy**, Siddharthan Arjunan, Amrutha Radhakrishnan, “Experimental analysis of vibration isolation using hybrid magnet and magnetorheological fluid damper” Journal of the Brazilian Society of Mechanical Sciences and Engineering. Doi 10.1007/s40430-018-1286-2
5. **D. Easu**, A. Siddharthan, R. Amrutha, “Influence of magnetic field strength of hybrid magnet on vibration isolation of quarter car model”, Journal of Vibroengineering, Vol. 21, Issue 5, 2019, p. 1405-1413

International Conferences

1. **Easu, D**, Amrutha, R & Siddharthan, A 2013, ‘Performance of MR fluid damper using Ferrous nano particles’, International Conference on Nano Materials for Frontier Applications and Indo- Norwegian Workshop on Advanced Materials for Solar Cell Applications”, Coimbatore Institute of Technology, Coimbatore, 10-12 July.
2. **Easu, D**, Amrutha, R, Andal, G & Siddharthan, A 2013, ‘Influence of size of Iron powder on damping characteristics of Magneto Rheological Fluid’, Indian Engineering Congress, Institution of Engineers IEC2013, Chennai, 20 -21, December.
3. **Easu, D**, Amrutha, R, Linu Sam & Siddharthan, A 2014, ‘A comparison of the performance MR Fluid Damper using Nano and Micro Ferrous Particles’, International conference on Advances in New materials-ICAN 2014, University of Madras, Chennai, 20 -22, June 2014