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OBJECTIVE:

Enthusiastic individual with passion to excel in academics and research.

EDUCATION

PhD. (Energy Harvesting)	IIT Madras, Chennai
M Tech in Machine Design	BEC, Bagalkot (VTU)
B.E in Mechanical Engineering	B.L.D.E.A's CET, Bijapur (VTU)

EXPERIENCE

Nov2017- Present	Vice Principal, B.L.D.E.A's CET, Bijapur, Karnataka, India
Aug 2017- Present	Associate Professor, Department of Mechanical Engineering, B.L.D.E.A's CET, Bijapur, Karnataka, India
Apr. 2017- Jul 2017	Equivalent Institute Post-Doctoral fellow, Vibration Control and Energy Harvesting Lab, Department of Applied Mechanics, IIT Madras.
Jul 2008- Nov 2012	Assistant Professor, B.L.D.E.A's CET, Bijapur, Karnataka, India
May 2005- Aug 2006	Lecturer, B.L.D.E.A's CET, Bijapur, Karnataka, India

SOFTWARE SKILLS:

MATLAB, Latex, Maple

AWARDS AND HONOURS

- Guest scientist (From Nov. 25 to Dec. 5 2019) under **ehDIALOG** program at Lublin University of Technology., Poland <http://eh.pollub.pl/index.php/about/>
- Honored by BLDE Association on Foundation Day 2019 in recognition of receiving Research Grant.
- Financial assistance from BLDEA's CET to attend International conference at Lisbon (2018)
- Best Publication from the Department of Mechanical Engineering during institute research day 2017-18 (BLDEA's VP Dr. P G Halakatti CET) (2018).
- Research Visit to Swansea University, UK under Newton Fellowship of Dr. S F Ali (2014)
- Financial assistance from IIT Madras to attend International conference at Manchester (2014)

SELECTED PUBLICATIONS

1. P. V Malaji, S. F. Ali, "Analysis and experiment of magneto-mechanically coupled harvesters", Mechanical Systems and Signal Processing 108, (2018), 304-316
2. P. V Malaji, S. F. Ali, "Magneto-mechanically Coupled Electromagnetic Harvesters for Broadband Energy Harvesting", Applied Physics Letters 111(2017), 1-5.
3. P. V Malaji, S. F. Ali, "Broadband Energy Harvesting with Mechanically Coupled Harvesters", Sensors and Actuators A255 (2017), 1-9.
4. P. V Malaji, S. F. Ali, "Analysis of energy harvesting from multiple pendulums with and without mechanical coupling", The European Physical Journal Special Topics 224 (2015) 2823-2838.

Grants received:

INR 42 Lakhs from VGST and VTU