

Name	Mr. Vennishmuthu Vajiravelu
Education	✓ B.E: Mechanical Engineering, Anna University, 2007-2011
	✓ M.Tech: Mechatronics Engineering, VIT University, 2011-2013
Academic experience	✓ Aug 2013 – Nov 2016, Vel Tech University, Assistant professor, Full Time
Non-academic experience	✓ June 2012 to May 2013- TVS Sundaram Clayton Limited, Industrial Trainee, Full time ✓ Worked as a consultant for Sakthi Engineering, part time.
Certifications or professional registrations	✓ Pro-E and ANSYS Training program conducted by MSME-Tool Room, Hyderabad ✓ 3D Printing and Manufacturing for all” conducted at NPC, Chennai, India ✓ “Soft skills Development Program” conducted by Veltech University, Chennai
Current membership in professional organizations	
Honors and awards	✓ Won First prize for project presentation at MECHANICA conducted by IIT Madras. ✓ Won Third prize for project presentation at SET conference conducted by VIT University. ✓ Won best performer award in the teaching development initiative presentation ✓ Times of India published an article about my teaching methods. ✓ Amhara mass media broadcast a TV program about my project in BIT, Bahirdar.
Service activities	✓ Project guidance for UG trainees ✓ Project components and materials supplied for various students to develop hardware projects ✓ Technical consultancy for surrounding community ✓ Filed a pattern on “Automated Fire Identifying Extinguishing Robot(AFIER)” ✓ Conducted various Hands on Science workshop for the school students.
publications and presentations	✓ “Design and Static Structural Analysis of Hover Bike Frame with AL7075” Vennishmuthu.V, Wondie Chanie International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459, ISO 9001:2008 Certified Journal), Volume 7, Issue 10, October, 2017.

	<ul style="list-style-type: none"> ✓ “Crash Testing Of Self Piercing Rivet Using Ls Dyna Software” Vennishmuthu V International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 12 (2015) pp. 31233-31248 ✓ “Modeling & Analysis of Cost Effective Lemon Harvesting Robot” Vennishmuthu V - International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 4 (2015) pp. 9697-9710 ✓ “Stability Simulation of Six DOF manipulators using ADAMS and MATLAB” Vennishmuthu V - IOSR Journal of Engineering (IOSRJEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719 Vol. 04, Issue 03 (March. 2014), V2 PP 09-12 ✓ “Low Cost Data Acquisition From Digital Caliper To PC” Vennishmuthu V - IJRET: International Journal of Research in Engineering and Technology eISSN: 2319-1163 pISSN: 2321-7308 ✓ “Zeroing in Defect Identification Time using XBEE Module in Automobile Manufacturing Process” Vennishmuthu V - National Conference on Design, Materials and Constructions NCDMC 2014 ✓ “Portable PC control module for physically challenged using voice commands”- Vennishmuthu V National Conference on Design, Materials and Constructions NCDMC 2015 ✓ “Performance and stability analysis of bipedal walking robot using side stepping algorithm” Vennishmuthu V - National Conference on Design, Materials and Constructions NCDMC 2015
<p>professional development activities</p>	<ul style="list-style-type: none"> ✓ Conducted Two days workshop on ARDUINO and ROBOTICS with hands on experience” at Bahirdar Institute of technology, BDU, Ethiopia. ✓ Conducted one day workshop on Sensors and Actuators with hands on experience at Bahirdar Institute of technology, BDU, Ethiopia. ✓ Contributed to develop Curriculum for M.Sc in Electromechanical Engineering