



## Department of Mechanical Engineering

### Research and Development @ ME

#### **List of Publications by the Students**

#### **ACADEMIC YEAR: 2025-26**

Sl.No.	Name of the Students	Title of the paper	Name of the Journal	Year	Vol No. Issue No.	ISSN	Web site link
1.	1. Akash Belgaonkar 2. Ashish Ghatare 3. Shubham Desai	Design and Fabrication of Shoe Foot Cleaning Machine	International Journal of Advanced Research in Science, Communication and Technology	2026	Volume 6, Issue 1	2581-9429	<a href="https://ijarsct.co.in/Paper30749.pdf">https://ijarsct.co.in/Paper30749.pdf</a>
2.	1. Abhishek V. Reddy 2. Sarvesh S. Hulji 3. Aksh P. Bhise 4. Ahmed A. Pathan	Multipurpose Hybrid Renewable Energy Charging Station for Portable Application	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2026	Volume 5, Issue 1	2581-9429	
3.	1. Darshan Chapagaonkar 2. Kumarswamy V. K. 3. Bagu Kolapati 4. Sahil S. Chougule	Design and Fabrication of Indoor and Outdoor Attachment for Handicap Wheel Chair	International Journal of Advanced Research in Science, Communication and Technology	2026	Volume 6, Issue 1	2581-9429	<a href="#">Volume 6, Issue 1, January 2026</a>
4.	1. Abhilash Maste	Study On Hardness, Elemental Composition And	International Journal of creative research thooughts(IJCRT)	2025	Volume 13, Issue 8	2320-2882	<a href="http://www.ijcrt.org">www.ijcrt.org</a>



### Department of Mechanical Engineering

		Corrosion Behavior Of EN31 Steel After Brine Quenching					
5.	1. Manthan Pednekar 2. Abhishek Venkatapur 3. Dhiraj Kolekar 4. Rakesh Mirajkar	Design and Fabrication of Effortless Trolley for Material Handling	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2026	Volume 5, Issue 1	2581-9429	<a href="#">Volume 5, Issue 1, January 2026</a>
6.	1. Harsh Patil 2. Mahesh Kalyagol 3. Rahul Kolkar 4. Akash Panchakanthimath	Sea Water Desalination by Solar Energy	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2026	Volume 5, Issue 1	2581-9429	<a href="#">Volume 5, Issue 1, January 2026</a>
7.	1. Pankaj D. Buddannavar	Study on Optimization and Crash Worthiness of A Composite Side Car Door	International Journal of Advanced Research in Science, Communication and Technology	2025	Volume 5, Issue 2	2581-9429	<a href="#">Volume 5, Issue 2, October 2026</a>
8.	1. Veerappa Dyavanur 2. Umesh Kurahatti 3. Krishna P. Sutar 4. Shrinivas Pattar	Effortless Rope Way Drive for Industry / Agriculture	International Journal of Advanced Research in Science, Communication and Technology	2026	Volume 6, Issue 1	2581-9429	<a href="#">Volume 6, Issue 1, January 2026</a>
9.	1. Raj Ekanekar 2. Kiran Hiremath 3. Abhishek Sonagoje 4. Amay Kadolakr	Neumatic Powerd Net Thrower	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2026	Volume 5, Issue 1	2581-9429	<a href="#">Volume 5, Issue 1, January 2026</a>
10.	1. Amareshwar K.Kavadimatti 2. Devaraj Patil	Wireless controlled water jet floor cleaning machine	International Journal of Advanced Research in Science, Communication	2026	Volume 5, Issue 1	2581-9429	<a href="#">Volume 5, Issue 1, January 2026</a>



### Department of Mechanical Engineering

	3. Govind Kulkarni	using solar power	and Technology (IJARSCT)				
11.	1. Ganesh Shinde 2. Guru Kanbarkar 3. Imran Halali	Design & Fabrication of Conversion of Plastic Into Crude Oil	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2026	Volume 5, Issue 1	2581-9429	<a href="#">Volume 5, Issue 1, January 2026</a>
12.	1. Maajid Z. Shaik 2. Majed Z. Shaikh 3. Mallikarjun Alabal 4. Shrishail Hiremath	Design and Fabrication of Solar Powered Waste Oil Skimming Boat	International Journal of Advanced Research in Science, Communication and Technology	2026	Volume 6, Issue 1	2581-9429	<a href="#">Volume 6, Issue 1, January 2026</a>
13.	1. Kiran Kuganavar 2. Omkar Haibatti 3. Rohit V. Sutar 4. Shivashankar Hostot	Solar Based Fertilizer Harvesting Machine	International Journal of Advanced Research in Science, Communication and Technology	2026	Volume 6, Issue 1	2581-9429	<a href="#">Volume 6, Issue 1, January 2026</a>
14.	1. Anup Chikkodi 2. Meerasab Pendari 3. Prajwal Telasang 4. Sachin Kumbar	Smart Food Pelletizing Machine for Aquaculture	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2026	Volume 5, Issue 1	2581-9429	<a href="#">Volume 5, Issue 1, January 2026</a>



## Department of Mechanical Engineering

 **ACADEMIC YEAR : 2024-25**

Sl. No.	Name of the Students	Title of the paper	Name of the Journal	Year	Vol No. Issue No.	ISSN	Web site link
1.	1. Manjunath Gavade 2. Prashant Desai 3. Sukhanand Desai 4. Namdev Salunkhe	Designing and fabrication of fire fighting robot and water system	Internationsl Journal of research and analytical reviews(IJRAR)	2025	12, 02	2348-1269	
2.	1. Kanesh N. Patil 2. Kartik Pujeri 3. Sunil B. Jogappagol 4. Vishwanath K. Rayanaik	Design and Fabrication of Multifunctional Operating Machine to Reduce Cycle Time and Floor Space	International Journal of Advanced Research in Science, Communication and Technology	2025	05,09	2581-9429	<a href="#">Volume 5, Issue 9, May 2025</a>
3.	1. Amaranth Hanji 2. Atharva Khasbag 3. Sameer Nalaband 4. Vijaykumar Sidnal	Design and Development of Bio Cups from Agricultural Waste	International Journal of Advanced Research in Science, Communication and Technology	2025	05,09	2581-9429	<a href="#">Volume 5, Issue 9, May 2025</a>
4.	1. Tatoba Savant 2. Raju Tate 3. Jnaneshwar Kumbar 4. Sheetal Majagaonkar	360 Degree Rotating Fire Extinguisher	International Journal of Advanced Research in Science, Communication and Technology	2025	05,09	2581-9429	<a href="#">Volume 5, Issue 9, May 2025</a>
5.	1. Akhilesh Angadi 2. Ashish Pawar 3. Omkar Kudachi 4. Srinivas B. Patil	Design and Fabrication of Magnetic Levitating wind mill	International Journal Of Innovative Research In Technology	2025	12,01	2349-6002	
6.	Sujit Sali	Smart Agricultural Mechanization: A Multi Tasking Machine for	International journal of innovative research of science , Engineering	2025	14, 5	2347-6710	<a href="#">Volume 14, Issue 5, May 2025</a>

**Campus:** Savagaon Road, Belagavi – 590 009.  0831 – 2438100, 2438123

Web Site: [www.aitmbgm.ac.in](http://www.aitmbgm.ac.in), E-mail: [mech.hod@aitmbgm.ac.in](mailto:mech.hod@aitmbgm.ac.in)



### **Department of Mechanical Engineering**

Efficient Farm  
Management

and Technology  
(IJIRSET)



Suresh Angadi Education Foundation's

## **ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

Savagaon Road, Belagavi – 590 009

(Approved by AICTE, New Delhi & Affiliated to Visvesvaraya Technological University, Belagavi)

**Accredited By NAAC**



### **Department of Mechanical Engineering**

---

**Campus:** Savagaon Road, Belagavi – 590 009. **Phone:** 0831 – 2438100, 2438123

Web Site: [www.aitmbgm.ac.in](http://www.aitmbgm.ac.in), E-mail: [mech.hod@aitmgbm.ac.in](mailto:mech.hod@aitmgbm.ac.in)