



Jyothy Institute of Technology

Tataguni, off Kanakapura road, Bengaluru-560082



Department of Mechanical Engineering

Approved by The All-India Council for Technical Education (AICTE) - New Delhi;

Affiliated to Visvesvaraya Technological University (VTU), Belagavi;

Accredited by National Board of Accreditation (NBA) - New Delhi.

Phone: 080-28435052 Ext:206 Email :hod.me@jyothyit.ac.in Website: www.jyothyit.ac.in

Students Achievements and Recognition

1.



SAEINDIA Engineering Education Board		ELECTRA SAEINDIA	
<u>VITUAL ELECTRA SAEINDIA-RESULTS</u>			
RANK	TEAM	COLLEGE NAME	TOTAL MARKS (Max. 100)
1	Taiyo Zen	Hindustan University	68.66666667
2	Drag Demons	Sri Krishna college of eng. & tech,Coimbatore.	68.33333333
3	E-WATT	AMRITA SCHOOL OF ENGINEERING	67.33333333
4	MIT RACING	MADRAS INSTITUTE OF TECHNOLOGY	52.33333333
5	JYOTHY AURA	Jyothy Institute of Technology	51.66666667
6	Vidyuth Jyothy	Jyothy Institute of Technology	49.33333333
7	Greenatron	Veltech Multitech Engineering college	49
8	Nemesis	Jeppiaar engineering college	48
9	Sandip Warriors	SANDIP INSTITUTE OF TECHNOLOGY'S	46

Under the Mentorship of Mr. Rakesh P and Dr.Jayathritha M Patil , Assistant Professor, Department of Mechanical Engineering, Students participated in “**ELECTRA SAEINDIA,**” held at Chennai, which is an Electric All-Terrain Vehicle (ATV) – building Competition organized by SAEINDIA, which aims at Technology exploration & evaluation for the students of the Engineering Institutes all over India. This event provides a real-world engineering challenge for the SAEINDIA Student members that reflect the steps involved in the entire process from design and engineering to production to marketing and endurance for an Electric vehicle (two-seater, four-wheeled vehicle). Team **Jyothy**



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AURA and **Team Vidyuth Jyothy** had participated in the competition and secured 5th and 6th position, respectively.

2.



2019 Aero West

Pos.	#	University	Country	Design	Presentation	Mission Performance	Penalties	Total
1	301	Xi'an Jiaotong Univ	China	32.5943	44.9000	57.9746	-0.0	135.4690
2	311	Rzeszow University of Technology	Poland	35.6868	46.4833	49.1520	-0.0	131.3222
3	312	Warsaw University of Technology	Poland	32.0730	40.8000	57.4804	-0.5	129.8534
4	302	Wroclaw University of Technology	Poland	31.5392	46.3667	49.6857	-0.0	127.5915
5	314	Jyothy Institute of Technology	India	33.1908	39.5667	31.3035	-0.0	104.0610
6	323	Wright State Univ	United States	41.9185	36.9000	20.2716	-0.5	98.5901
7	313	Univ of Puerto Rico-Mayaquez	United States	37.4655	42.2167	16.2879	-0.0	95.9701
8	318	Sahyadri College of Engineering & Mgmt	India	32.2793	43.9000	14.1973	-0.0	90.3767
9	303	Union College	United States	29.0712	32.3167	21.3138	-0.0	82.7016
10	320	Dayananda Sagar College of Engineering	India	38.7933	47.4500	-5.0000	-0.0	81.2433
11	326	Univ of Minnesota - Twin Cities	United States	34.1647	42.3833	2.0135	-5.0	73.5615
12	321	Sri Jayachamarajendra College of Engrg	India	36.6242	36.3500	-0.4127	-0.5	72.0615

SAE AERO -Team Garuthmaan from Jyothy Institute of Technology has participated in the SAE International Aero Design Series West 2019 held in the United States of America and Won **1st** position



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in India and **5th Position** globally. Mr. Rakesh P, Assistant Professor, Department of Mechanical Engineering, was the faculty Advisor

3.



Team Garuthmaan from Jyothy Institute of Technology has participated in the SAE International Aero Design Series West 2018 held in the United States of America and **Won 1st position in India and 5th Position globally** under the Mentorship of Mr. Rakesh P, Assistant Professor, Department of Mechanical Engineering.



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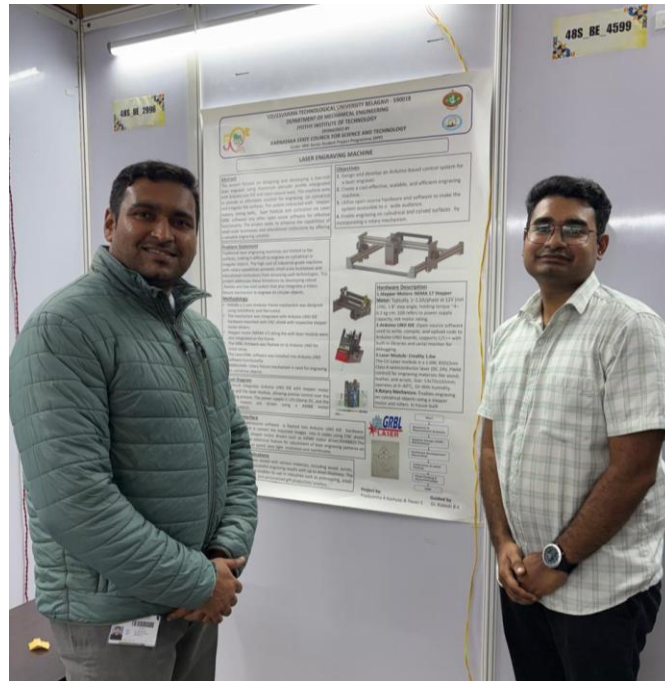
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4.



Dr. Rakesh B K, Assistant Professor, Department of Mechanical Engineering, and his student team have been recognised and funded by the Karnataka State Council for Science and Technology-KSCST under the Student Project program (SPP- 47th series) for their work titled **“*Laser Engraving Machine*”**



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5.



Under the mentorship of Mr. Gurumurthy M, Assistant Professor, Department of Mechanical Engineering students participated in VTU Youth Fest 2025. which is an annual celebration that encapsulates the spirit, creativity, and innovation of student life. Since its inception, the fest has grown into a vibrant platform where talents from various disciplines converge to compete, collaborate, and create unforgettable experiences. Our students won the Overall 10th position across the university college in the year 2025, held at the Global Academy of Technology, Bengaluru



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6.



Team Garuthmaan from Jyothy Institute of Technology has participated in the SAE International Aero Design Series West 2023 held at the USA and Won 6th Position globally under the Mentorship of Dr. Rakesh B K, Assistant Professor, Department of Mechanical Engineering.

7.



Under the mentorship of Mr. GuruMurthy M, Assistant Professor, Department of Mechanical Engineering students participated in VTU Youth Fest 2024. which is an annual celebration that encapsulates the spirit, creativity, and innovation of student life. Since its inception, the fest has grown into a vibrant platform where talents from various disciplines converge to compete, collaborate, and create unforgettable experiences. **Our students won the Overall 5th position**



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across the university college in the year 2024, held at the SJC Institute of Technology, Chikabalapura.

8.



Team Wrench Warriors from Jyothy Institute of Technology has participated in the **ECOKART Design competition held at Goutham Buddha University, Noida, Uttar Pradesh and Won 9th position overall** under the Mentorship of Mr. Rakesh P, Assistant Professor, Department of Mechanical Engineering.



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9.



Idea Pitch Competition was organized by the Department of Mechanical Engineering, Dayananda Sagar Academy of Technology and Management (DSATM), Bengaluru. A total of 20 teams participated in the event, showcasing a wide range of innovative and competitive ideas.

Our team “*VECTOR DYNAMICS*”, participated under the guidance of Dr. H. R. Aniruddha Ram. The project presented was “*Design and Structural Analysis of a Unique High-Strength Bicycle Frame.*” The primary objective of the design was to create a bicycle frame that is lightweight, cost-effective, and highly durable, meeting the dual requirements of performance and affordability. Amidst fierce competition, our team delivered an excellent performance and secured 2nd Place in the competition. The achievement was further recognized with a cash prize of ₹4,000/-.



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10. Balakrishna N, a student of 5th semester Mechanical Engineering, presented a Research paper titled ***“Design and Development of Bracket for Load Handling Applications”*** at KSIT during the ***National conference on Recent Innovations in Engineering (NCRIE-2025) on 4th December 2025 under the guidance of Dr. Raghavendra J V and Dr. Jayatirtha M Patil. The paper has won the Best Research Paper award.***

