

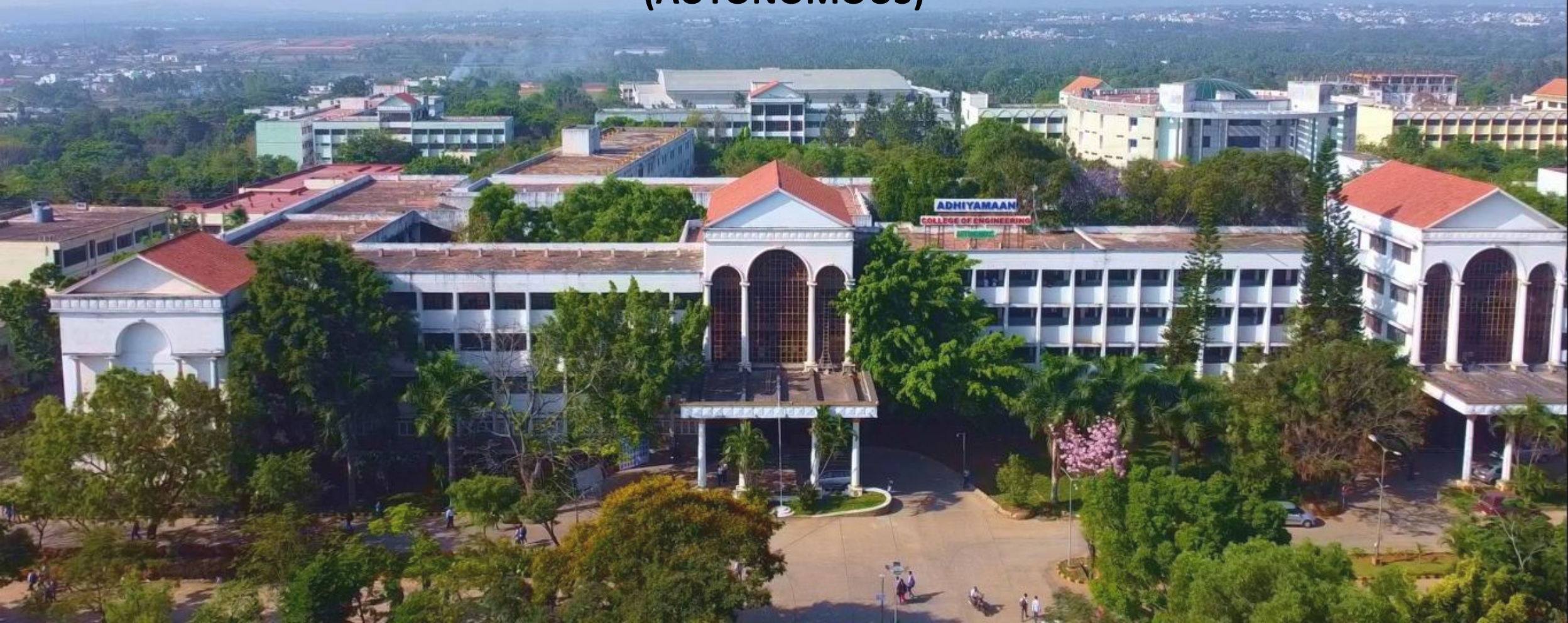


VOLUME:14 ISSUE: 2

# ACE NEWSLETTER

# ADHIYAMAAN COLLEGE OF ENGINEERING

(AUTONOMOUS)



# FUNDED PROJECTS

S. No.	Name of the Principal Investigator/Co-investigator (if applicable)	Name of the Funding agency	Type (Government/ Non-Government)	Department of Principal Investigator/Co-investigator	Year of Award	Funds provided (INR in lakhs)
1.	Dr. S.V. Suresh Babu Dr. M. Sakthivel	AICTE	Government	Mechanical Engineering to Conduct Atal FDP	2024	3.5

# PATENT

S. No.	NAME	DEPARTMENT	TITLE OF THE PATETNT	APPLICATION ID	MONTH & YEAR
1.	Dr. M. Dhanasekaran	MBA	Temperature Controlled Multilevel Trayto Store and Transport Variable	402950-001	January 2024
2.	Dr. M. Dhanasekaran	MBA	Customized shelved Carton for Safer Logistics of Flowers	402949-001	January 2024

# PUBLICATIONS

S. No.	NAME	DEPARTMENT	TITLE OF THE PAPER	TITLE OF THE JOURNAL	MONTH & YEAR
1.	BAGYALAKSHMI N	BME	LIFI based Indoor Navigation system for the visually impaired people	Journal of Xidian University (ISSN No:1001-2400)	February 2024
2.	MANIVASAGAN V	BIOTECHNOLOGY	Biotechnology (Book)	REST Publisher, India	February 2024
3.	BAGYALAKSHMI N KRISHNAMMAL V P	BME	A Novel approach for an Electronic Tongue system for Gustatory disorders	Journal of Xidian University (ISSN No:1001-2400)	March 2024
4.	KAVITHA S	BIOTECHNOLOGY	Commercial Products Derived from Vegetable Processing Industrial Wastes and Their Recent Conversion Studies	Value Added Products From Food Waste. Springer, Cham	March 2024
5.	BAGYALAKSHMI N	BME	Digital Diagnosis of mouth disease using deep learning Algorithms	IEEE	April 2024

# PUBLICATIONS

S. No.	NAME	DEPARTMENT	TITLE OF THE PAPER	TITLE OF THE JOURNAL	MONTH & YEAR
6.	NAVEEN PRAKASH R	MBA	Analyzing the Influence of Emotional Intelligence On Workplace Conduct: An Examination of Bank Employees	Organizational Cultures: An International Journal	April 2024
7.	BAGYALAKSHMI N	BME	Noninvasive cholesterol and glucose detection using finger print	African Journal of Biological Sciences (ISSN: 2663-2187)	May 2024
8.	SURESH BABU S V	MECHANICAL	Comparative Evaluation of Heat Treated Steel Alloys for Reduction Gearbox Components	Journal of Engineering and Technology Management	May 2024
9.	SHYLIN H JOSE S	MECHANICAL	Comparative Evaluation of Heat Treated Steel Alloys for Reduction Gearbox Components	Journal of Engineering and Technology Management	May 2024
10.	MOHANRAJ D	MECHANICAL	Comparative Evaluation of Heat Treated Steel Alloys for Reduction Gearbox Components	Journal of Engineering and Technology Management	May 2024

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S. No.	NAME	DEPARTMENT	TITLE OF THE PAPER	TITLE OF THE JOURNAL	MONTH & YEAR
11.	SENTHIL KUMAR P	MECHANICAL	Comparative Evaluation of Heat Treated Steel Alloys for Reduction Gearbox Components	Journal of Engineering and Technology Management	May 2024
12.	SURESH BABU S V	MECHANICAL	Design and Development of Laser based Non-contact measurement system for shafts	Foundry Journal	May 2024
13.	SENTHIL KUMAR P	MECHANICAL	Design and Development of Laser based Non-contact measurement system for shafts	Foundry Journal	May 2024

# PRESENTATION

S. No.	NAME	DEPARTMENT	TITLE OF THE PAPER	TITLE OF THE SEMINAR/CONFERENCE	ORGANISED BY	DATE
1.	UDHAYA SURIYA T S KRISHNAMMAL V P	BME	IOT based Paralytic patient monitoring system	International Conference on "New Horizons in Bioengineering: Fostering Academia-Industry Partnership" (ICB- 2024)	SRM Institute of Science and Technology, Chennai	14.02.2024 - 16.02.2024
2.	LOGANATHAN G	ENGLISH	Unveiling the Influence of Collaborative Online Platforms on Elevating English Language Learning: A Rigorous Examination	Technology Enabled Second Language Education	VHNSNC (Autonomous), Virudhunagar and KMGIPSR (Autonomous), Puducherry	23.02.2024
3.	BAGYALAKSHMI N SATHISHKUMAR C SELVASHERIN T	BME	Digital Diagnosis of mouth disease using Deep learning Algorithms	Tenth International Conference on Biosignals, Images and Instrumentation	SSN College of Engineering, Chennai	20.03.2024 - 22.03.2024
4.	NAVEEN M N	MECHANICAL	Performance Analysis of Solar Tunnel Dryer Using Natural Convection	Advancements in Mechanical Engineering(NCAME – 2024)	Er. Perumal Manimekalai College of Engineeirng, Hosur	08.04.2024
5.	NAVEEN M N SHANTHANIKETHAN C P	MECHANICAL	An Experimental Study of Porous Medium in Biomass Stove	International Conference on Core Engineering and Technology	PERI Institute of Technology, Chennai	15.05.2024

# SEMINAR/CONFERENCE/WEBINAR/WORKSHOP ORGANISED

S. No.	SEMINAR/ CONFERENCE/ WEBINAR/ WORKSHOP	TITLE	DEPARTMENT	DATE
1.	SEMINAR	Design Impact Movement	MECHANICAL	19.02.2024
2.	WORKSHOP	Innovation in 3D Printing Technology with hands on practice	MECHANICAL	22.02.2024
3.	SEMINAR	Exploring Innovation for Future Engineers	MECHANICAL	02.03.2024
4.	SEMINAR	Entrepreneurship and Innovation in Electric Vehicle as a career Opportunity	MECHANICAL	02.03.2024
5.	WORKSHOP	Commercial Building HVAC Drafting and Designing (3D) with hands on training	MECHANICAL	21.03.2024 - 22.03.2024



# SEMINAR/CONFERENCE/WEBINAR/WORKSHOP ORGANISED

S. No.	SEMINAR/ CONFERENCE/ WEBINAR/ WORKSHOP	TITLE	DEPARTMENT	DATE
6.	NATIONAL CONFERENCE	Forging Biotechnology Ahead: Innovative Ideas in Agri-Health-Environmental Sectors	BIOTECHNOLOGY	17.04.2024 - 18.04.2024
7.	NATIONAL CONFERENCE	6 <sup>th</sup> National Conference on “Integrating Biomedical Excellence with Advanced Research and Innovation	BME	27.04.2024
8.	WORKSHOP	Prototype Design and Development	MECHANICAL	28.05.2024
9.	NATIONAL CONFERENCE	EMERGING TRENDS IN MANAGEMENT AND RESEARCH	MBA	12/06/2024

# FACULTY DEVELOPMENT PROGRAMMES/SHORT TERM TRAINING PROGRAMMES

S. No.	NAME	DEPARTMENT	FDP/STTP	ORGANISED BY	DURATION (FROM – TO) (DD-MM-YYYY)
1.	SHANTHANIKETHAN C P VASIGA D	MECHANICAL	Manufacturing Guidelines for Product Design	NPTEL	03.01.2024 - 03.03.2024
2.	MOHANRAJ D	MECHANICAL	Kinematics of Mechanisms and Machines	NPTEL	03.01.2024 - 03.03.2024
3.	SAKTHIVEL M	MECHANICAL	Computer Integrated Manufacturing	NPTEL	03.01.2024 - 03.04.2024
4.	NAVEEN M N	MECHANICAL	Inspection and Quality Control in Manufacturing	NPTEL	03.01.2024 – 03.02.2024
5.	KATHIRVEL M	CIVIL	ATAL Faculty Development Program on Sustainable Waste Management	SSM Institute of Engineering and Technology, Dindigul.	05.02.2024 - 10.02.2024

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S. No.	NAME	DEPARTMENT	FDP/STTP	ORGANISED BY	DURATION (FROM – TO) (DD-MM-YYYY)
6.	VASIGA D	MECHANICAL	Cuttin Gedge Technologies in Mechanical Engineering	Sri Krishna College of Technology, Coimbatore.	19.02.2024 – 23.02.2024
7.	DHANASEKARAN M NAVEEN PRAKASH R JANAKI S PRIYA N	MBA	Deep Learning and Artificial Intelligences	APSSDC	26.02.2024 - 01.03.2024
8.	PRIYA N NAVEEN PRAKASH R	MBA	Teaching Pedagogy	Mar Gregorious College	26.02.2024 - 01.03.2024
9.	RAJESH S JANGALER	MECHANICAL	Outcome Based Education and Application of Generative AI in Teaching and Research	IQAC, Government College Kottayam in Association with the Kerala State Higher Education Council.	06.03.2024 - 13.03.2024
10.	PRIYA N NAVEEN PRAKASH R JANAKI S	MBA	Innovative Teaching and Learning Pedagogy	World Innovator University	09.03.2024 - 14.03.2024

# FACULTY DEVELOPMENT PROGRAMMES/SHORT TERM TRAINING PROGRAMMES

S. No.	NAME	DEPARTMENT	FDP/STTP	ORGANISED BY	DURATION (FROM – TO) (DD-MM-YYYY)
11.	SIVA SANKARI PAVITHRA S	CIVIL	Importance of Soil Investigation in Construction Projects	NITTR, Kolkata	08.04.2024 - 12.04.2024
12.	RAJESH S JANGALER	MECHANICAL	Enhancing Research Excellence - A Comprehensive Exploration of Optimization Techniques	NIT, Warangal.	22.04.2024 - 26.04.2024
13.	RAJESH S JANGALER	MECHANICAL	Robotic Process Automation	Sairam Engineering College, chennai.	06.05.2024 - 11.05.2024
14.	DHANASEKARAN M SURESH KUMAR M A	MBA	Recent Trends in Research in Management, It, Communication in Cutting Edge Technology	IIMT College of Management	18.06.2024 - 24.06.2024
15.	PRIYA N NAVEEN PRAKASH R JANAKI S	MBA	Digital Marketing	MIT	27.05.2024 - 31.05.2024
16.	BASKAR G	CIVIL	Capacity Building in Drafting Research Proposals to Funding Agencies and Industrial Consultancy Projects	MESAI Institute of Management, Chennai.	29.06.2024