

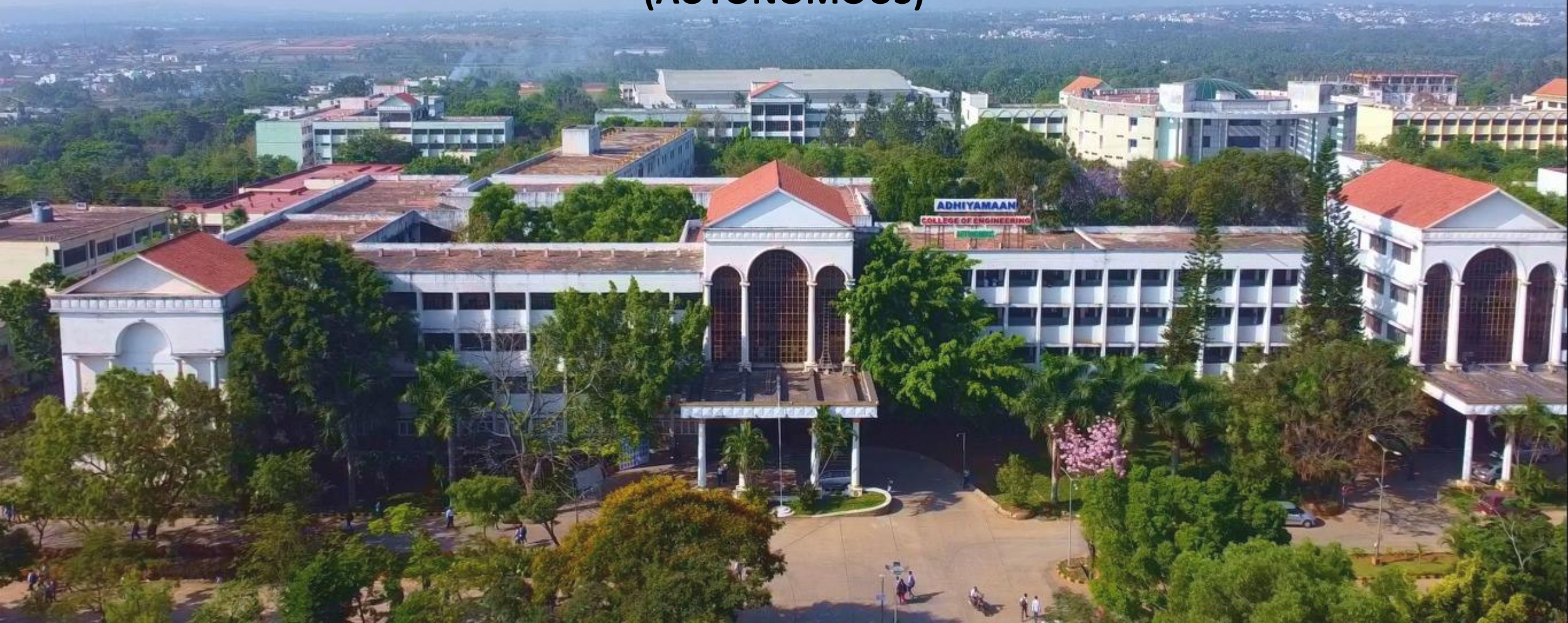


VOLUME:14 ISSUE: 1

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. T. Menakadevi	The Institutions of Engineers (India), Kolkata	Non-Government	ECE	SEPTEMBER 2023	0.5
2.	Dr. M. Lilly Florence	NSDC, GOI, New Delhi	Government	CSE	NOVEMBER 2023	Rs. 9,93,998/-

AWARDS AND HONORS RECEIVED

S. No.	NAME	DEPARTMENT	NAME OF THE AWARD	AWARDED BY	DATE
1.	Dr. D. Swamydoss	MCA	SPOC- NPTEL Brand Ambassador	NPTEL – SWAYAM	June 2023 - December 2023
2.	Dr. N. Bagyalakshmi	BME	Technical Reviewer(ICAECA 23)	Kumaraguru College of Technology, Coimbatore	16.07.2023 – 17-07-2023

PUBLICATIONS

S. No.	NAME	DEPARTMENT	TITLE OF THE PAPER	TITLE OF THE JOURNAL	MONTH & YEAR
1.	MARIAPPAN R	PHYSICS	Electrical Impedance Analysis of ZnO Thin Films for Ammonia Gas Sensors	Indian Journal of Chemical Technology	JULY 2023
2.	MANIVASAGAN V SARANYA K KAVITHA S	BIOTECHNOLOGY	A Review of Organic Detergents and Its Applications	Positif Journal	JULY 2023
3.	LILLY FLORENCE M	CSE	Blockchain in Finance using Data Mining	Journal of Engineering Computing & Architecture	AUGUEST 2023
4.	UTTHAM KUMAR N LOGANATHAN G SHAKTHIVENDHAN P MUTHUKRISHNAN S	ENGLISH	A Study of Existential Angst: A Classic Subject of the PCL Writers	Journal of 5the Asiatic Society of Mumbai	SEPTEMBER 2023
5.	MARIAPPAN R	PHYSICS	Comprehensive Characterization and Electrochemical Performance of Fe-doped Co3O4 Nanoparticles for Energy Storage Applications	Ionics	SEPTEMBER 2023

PUBLICATIONS

S. No.	NAME	DEPARTMENT	TITLE OF THE PAPER	TITLE OF THE JOURNAL	MONTH & YEAR
6.	LILLY FLORENCE M	CSE	Book Demand Prediction using Data Mining Techniques and Library Book Access Service Association under Human Science and Ecology Surroundings	Journal of Environmental Protection and Ecology	NOVEMBER 2023
7.	LILLY FLORENCE M	CSE	21 st Century Students Perceptive Interweave between Student and Teacher	Review of Education Studies	NOVEMBER 2023
8.	SATHYA V	MCA	Defend against DDOS Attacks using Optimized BPNN-APO in Cloud Computing	Data Analytics and Artificial Intelligence	NOVEMBER 2023
9.	MARIAPPAN R	PHYSICS	Characterization and Electrochemical Performance of Mn-doped Co ₃ O ₄ Nanoparticles for Supercapacitor Applications	Journal of Materials Science: Materials in Electronics, 34(31)	NOVEMBER 2023
10.	LOGANATHAN G	ENGLISH	Exploring Human-Machine Interaction: A Comprehensive Review and Future Directions	Humanities and Social Science Studies Journal	DECEMBER 2023

PUBLICATIONS

S. No.	NAME	DEPARTMENT	TITLE OF THE PAPER	TITLE OF THE JOURNAL	MONTH & YEAR
11.	FATHIMA G	CSE	Integrating Metaheuristics in Computer Vision for Real-World Optimization Problems	Wiley Publisher	DECEMBER 2023
12.	GOPINATHAN B	CSE	An Innovation Development of Bandwidth Management in 4g Wireless Local Area Network (4g-Wlan) using Smart Machine Learning Algorithm	Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE)	DECEMBER 2023
13.	VIJAYA LAKSHMI D M	CSE	An Innovation Development for Deep Learning Model for Smart Health Monitoring in Winter Based Diseases	Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE)	DECEMBER 2023
14.	LILLY FLORENCE M	CSE	An Exploration of Human Brain Activity using BCI with EEG Techniques	International Journal of Advanced Networking and Applications	DECEMBER 2023
15.	SAKTHIVEL N	MCA	An Exploration of Human Brain Activity using BCI with EEG Techniques.	International Journal of Advanced Networking and Applications	DECEMBER 2023

PUBLICATIONS

S. No.	NAME	DEPARTMENT	TITLE OF THE PAPER	TITLE OF THE JOURNAL	MONTH & YEAR
16.	MARIAPPAN R	PHYSICS	Enhancing Pseudo-Capacitive Behavior in Mn-doped Co ₃ O ₄ Nanostructures for Supercapacitor Applications	Journal of Alloys and Compounds	DECEMBER 2023
17.	KAVIYARASU M	BME	GAIT Analysis using Wearable Sensor	Bulletin for Technology and History	DECEMBER 2023

PRESENTATION

S. No.	NAME	DEPARTMENT	TITLE OF THE PAPER	TITLE OF THE SEMINAR/CONFERENCE	ORGANISED BY	DATE
1.	SWAMYDOSS D	MCA	Security Issues of Business Migration in a Cloud Computing Environment	International Conference on “Data Science”	Nadar Saraswathi College of Arts and Science	04.09.2023 & 05.09.2023
2.	LOGANATHAN G	ENGLISH	Exploring Human-Machine Interaction: A Comprehensive Review and Future Directions	TECHNO Ecology: The Nexus of Ecocriticism and Science Fiction	Emerald Heights College for Women, Ooty	15.09.2023
3.	BAGYALAKSHMI N	BME	Electronic Tongue System for Ageusia, Hypogeusia and Malnutrition	ELECTROX'23	Karpagam Institute of Technology, Coimbatore	28.10.2023
4.	SWAMYDOSS D	MCA	Application of Big-data in Credit Card Fraud Detection using ML Algorithms	International Conference on Innovative and Sustainable Management Practices	Patel Institute of Science and Management	30.10.2023
5.	SAKTHIVEL N	MCA	AGRO – JUMBO Repulsion using IoT with Machine Learning techniques	International Conference on Innovative and Sustainable Management Practices	Patel Institute of Science and Management	30.10.2023

PRESENTATION

S. No.	NAME	DEPARTMENT	TITLE OF THE PAPER	TITLE OF THE SEMINAR/CONFERENCE	ORGANISED BY	DATE
6.	SATHYA V	MCA	A Prediction Technique for Agriculture with Hybrid Approach to Estimate Level of Bioscience Using Machine Learning	International Conference on Innovative and Sustainable Management Practices	Patel Institute of Science and Management	30.10.2023
7.	SURESH M SENTHIL KUMAR K	MECHANICAL	An Enhancement Performance of Solar Air Dryer using Forced Convection Method: An Experimental Approach	International Congress on Renewable Energy (ICORE-2023)	Solar Energy Society of India (SESI) and Kerala Renewable Energy Entrepreneurs and Promoters Association (KREEPA)	07.12.2023 - 09.12.2023

SEMINAR/CONFERENCE/WEBINAR/WORKSHOP ORGANISED

S. No.	SEMINAR/ CONFERENCE/ WEBINAR/ WORKSHOP	TITLE	DEPARTMENT	DATE
1.	WORKSHOP	Ardubotics Robotics	MECHANICAL	27.07.2023 - 28.07.2023
2.	WEBINAR	From Sci-Fi To Reality: The Dawn of Artificial Intelligence	CSE	03.08.2023
3.	SEMINAR	Advanced software in Mechanical Engineering	MECHANICAL	09.08.2023
4.	SEMINAR	Study Abroad After Graduation	MECHANICAL	10.08.2023
5.	WORKSHOP	Advancement in Automotive Safety	MECHANICAL	12.08.2023

SEMINAR/CONFERENCE/WEBINAR/WORKSHOP ORGANISED

S. No.	SEMINAR/ CONFERENCE/ WEBINAR/ WORKSHOP	TITLE	DEPARTMENT	DATE
6.	WORKSHOP	Emotional Intelligence Empowering Students Potential through Building Self-awareness, Confidence and Interpersonal Skill	CSE	16.08.2023
7.	WEBINAR	Data Augmentation using Artificial Intelligence and Machine Learning	CSE	18.08.2023
8.	WORKSHOP	AIOT Enabled Smart Healthcare Systems	CSE	20.09.2023 & 21.09.2023
9.	SEMINAR	Applications of Data Structures in C Programming & Core Java	CSE	23.09.2023
10.	SEMINAR	Awareness on Vector Borne Disease	CSE	30.09.2023

SEMINAR/CONFERENCE/WEBINAR/WORKSHOP ORGANISED

S. No.	SEMINAR/ CONFERENCE/ WEBINAR/ WORKSHOP	TITLE	DEPARTMENT	DATE
11.	WEBINAR	Impact of AI in IT Industry	CSE	3.10.2023
12.	SEMINAR	Code Your Future: Mastering The Transition from Academia to Industry	CSE	07.10.2023
13.	SEMINAR	Cybercrimes & Cybersecurity Awareness	CSE	11.10.2023
14.	SEMINAR	An Introduction to Infrastructure Management	CSE	14.10.2023
15.	WORKSHOP	MICRO-BOT with Hands on training	MECHANICAL	01.11.2023 - 02.11.2023

SEMINAR/CONFERENCE/WEBINAR/WORKSHOP ORGANISED

S. No.	SEMINAR/ CONFERENCE/ WEBINAR/ WORKSHOP	TITLE	DEPARTMENT	DATE
16.	SEMINAR	Automated Testing	MCA	20.11.2023
17.	SEMINAR	Web Development using Mern Stack	CSE	22.11.2023
18.	CONFERENCE	National Level Conference on Computational Intelligence and Applications	MCA	24.11.2023 - 25.11.2023
19.	SEMINAR	Wireless Enterprise Network	MCA	09.12.2023
20.	WORKSHOP	AUTOCADD	MECHANICAL	06.12.2023 - 07.12.2023

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	MECH	Engineering Metrology	NPTEL	July 2023 - October 2023
2.	SHYLIN H JOSE	MECH	Fundamentals of Artificial Intelligence	NPTEL	July 2023 - October 2023
3.	MAHESWARI S	PHYSICS	Scientific Computing using Python	NPTEL	July 2023 - October 2023
4.	JAYAPRAKASH R N MARIAPPAN R	PHYSICS	Innovation in Materials for Optical and Energy Storage/Conversion Applications	Department of Science and Humanities, Nehru Institute of Technology, Coimbatore	31.07.2023 - 05.08.2023
5.	SWAMYDOSS D	MCA	One Week National Faculty Development Program on Cloud Infrastructure (AWS)	Brainovision Solutions India Private Ltd, in collaboration with All India Council for Technical Education	21.08.23 - 25.08.23

FACULTY DEVELOPMENT PROGRAMMES/SHORT TERM TRAINING PROGRAMMES

S. No.	NAME	DEPARTMENT	FDP/STTP	ORGANISED BY	DURATION (FROM – TO) (DD-MM-YYYY)
6.	PRIYA N	MBA	Research Skills and Quality Publications	Kingdom College	28.08.2023 - 01.09.2023
7.	SWAMYDOSS D	MCA	Twelve Days Virtual Faculty Development Programme on Developing Human Potentials in Emerging Technologies in Computer Science	School of Computer Science, Kongundadu Arts and Science	04.09.2023 - 06.09.2023
8.	NAVEEN PRAKASH R	MBA	Enriching Academicians in The AJERA	DJ ACADEMY	12.09.2023 - 16.09.2023
9.	AMUTHA N	MCA	Two Weeks National Level Faculty Development Program on “Online Teaching Tools	ESSGEE Digiskills.	23.09.23 - 10.10.23
10.	JAYAPRAKASH R N MARIAPPAN R	PHYSICS	Advanced Materials for Energy Applications	Sathyabama Institute of Science and Technology, Chennai	9.10.2023 - 13.10.2023

FACULTY DEVELOPMENT PROGRAMMES/SHORT TERM TRAINING PROGRAMMES

S. No.	NAME	DEPARTMENT	FDP/STTP	ORGANISED BY	DURATION (FROM – TO) (DD-MM-YYYY)
11.	AMUTHA N MEENA P	MCA	Faculty Development Programme on “Entrepreneurship Development for Faculty in Energy Conservation Domains of Engineering and technology using Mobile Application Development	Faculty and Professional Development, Anna University Chennai	26.10.23 - 08.11.23
12.	SATHYA V	MCA	Faculty Development Programme on “Data Science using Python”	Faculty development training center in association with the Department of Computer Engineering, Government Polytechnic College, sevvapet, Chennai.	06.11.2023 - 10.11.2023
13.	SAKTHIVEL N	MCA	Three-day online Faculty Development Programme on “Deep Neural Networks and Generative AI”	Department of Computer Science and Engineering, Adhiyamaan College of Engineering, Hosur.	15.11.2023 - 17.11.23
14.	MEENA P	MCA	Faculty Development Programme on “Cyber Security and Artificial Intelligence”	Department of Computer Science and Applications, Periyar Maniammai Institute of Science and Technology, Thanjavur.	24.11.23 - 30.11.23

FACULTY DEVELOPMENT PROGRAMMES/SHORT TERM TRAINING PROGRAMMES

S. No.	NAME	DEPARTMENT	FDP/STTP	ORGANISED BY	DURATION (FROM – TO) (DD-MM-YYYY)
16.	SATHYA V AMUTHA N MEENA P	MCA	Tamil Nadu State Government Sponsored Five day Faculty Programme on “Emerging Trends in Artificial Intelligence and Machine Learning”	Faculty Development Training Centre in association with the Department of Computer Science and Engineering, Government College of Engineering Coimbatore	04.12.2023 - 08.12.2023
17.	JAYAPRAKASH R N MARIAPPAN R	PHYSICS	Development of Materials Characterization Techniques and their Future Prospects	Department of Physics, Sri G.V.G Visalakshmi College for Women	18.12.2023 - 22.12.2023

VALUE ADDED COURSE

S. No.	TITLE	DEPARTMENT	DATE
1.	IoT Application Development	MCA	24.07.2023 - 28.07.2023
2.	Industrial Exposures and Deep Analysis of Medical Equipment and Markets	BME	05.09.2023 - 09.09.2023
3.	Digital Marketing and Data Analysis	CSE	16.10.2023 - 20.10.2023
4.	Full Stack Development Using Python Frame Work -DJANGO	CSE	16.10.2023 - 20.10.2023
5.	Data Analytics	MCA	02.12.2023 - 08.12.2023

ISTE ACTIVITIES

S. NO.	NAME OF THE ACTIVITY	DATE
1.	ESPARANZA'23 (Tech & Non-Tech Events)	23.08.2023
2.	SQUIDTEQ'23 (Tech & Non-Tech Events)	05.10.2023
3.	National Level Webinar on “Power Quality and its Improvements” by Dr. Gunjan Varshney, Associate Professor, JSS Academy of Technical Education, Noida.	03.11.2023