



News Letter

M.A.M COLLEGE OF ENGINEERING AND TECHNOLOGY

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IT-CHRONICLE



M.A.M COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPT OF INFORMATION TECHNOLOGY

JUN 2022

MAMCET



VISION

To be a school of excellence by providing holistic education and fostering research in Information Technology to produce technically competent, socially and ethically responsible students.

MISSION

- To provide a solid foundation in computational engineering for a successful career in Information Technology.
- To provide technical support and facilities to enrich research and development in the field of Information Technology.
- To collaborate in interdisciplinary projects with academia and industry through emerging technologies.
- To inculcate professional behavior, lifelong learning with ethical values.
- To empower engineers with excellent communication, teamwork, and interpersonal skills.

About The Department

The department of Information Technology was established in the year 2008. Our errand is to provide quality education to the students and impart IT excellence in them. We also provide students with easy to access information, accelerated learning and fun opportunities to practice what they learn. The department has a team of dynamic, young and dedicated staff with specialization in wide array of areas.

Program Educational Objectives (PEOs)

- 1: To be a skilled professional in providing technically feasible solutions in data driven technology and security principles for industry and society.
- 2: To emerge as a developer & researcher by engaging in lifelong learning and adapting to challenging environments.
- 3: To exhibit entrepreneurship skills, leadership qualities and professional ethics to start new ventures.
- 4: To be prepared for their career in the software industry or pursue higher studies to enhance their professional knowledge.

ATAL Academy

The faculty of Information Technology participated in various online AICTE Training and Learning (ATAL) Academy organized FDPs, earning recognition in the World Book of Records, London, UK. The following individuals were recognized:

- Mrs. A. Arthi participated in the FDP on “Data Science and Computational Intelligence” organized by Velammal Institute of Technology, Chennai.
- Mrs. A. Arthi also participated in the FDP on “Wearable Devices for Assistive Technology” organized by Kongu Engineering College, Perundurai.
- Mr. S. Venkatesh took part in the FDP on “Data Sciences” organized by Hindusthan College of Engineering and Technology, Coimbatore.

- Mr. G. Vimalsubramanian joined the FDP on “Medical Image Processing and Deep Learning Technologies” organized by Panimalar Institute of Technology, Chennai.
- Mr. G. Vimalsubramanian participated in the FDP on “Cyber Security and Forensics” organized by Gautam Buddha University, UP.
- Ms. P. Kalpana engaged in the FDP on “Waste Technology” organized by Dr. M.G.R Educational and Research Institute, Chennai.

FACULTY ACHIEVEMENTS

- Dr. K. Geetha, Professor, participated in a webinar on 'Essentials for Setting Up an AI/DL Lab' organized by the Department of CSE, Bennett University, Greater Noida, India.
- Dr. K. Geetha, Professor, and Mrs. A. Arthi, AP, attended the Faculty Development Program on 'Virtual Labs,' organized by the 'PALS-VLABS 2020-21 Initiative with NITK Surathkal.'
- Dr. K. Geetha, Professor, took part in the Week National Workshop on 'Perspectives of Teaching and Learning of Engineering Sciences for Outcome-Based Education' conducted online by the Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli, under the AICTE – MARGDARSHAN Scheme.
- Mrs. A. Arthi, AP, attended the National Workshop on 'Perspectives and Challenges in Outcome-Based Research' organized by the National Institute of Technology, Tiruchirappalli, under the AICTE-MARGDHARSHAN SCHEME.

FACULTY ACHIEVEMENTS

- The Faculty of Information Technology successfully completed a short course on 'Learn to Design Your Own Solar Home System.' Certificates were presented as part of the Energy Literacy Drive of the Energy Swaraj Foundation in association with M.A.M. College of Engineering and Technology.
- Ms. P. Kalpana, Assistant Professor, participated in the 3-Day Online Workshop on 'How Teachers Can Make a Difference' held during February 10 - 12, 2021, conducted by the Teaching Learning Center (TLC) at the Indian Institute of Technology Madras, Chennai.
- Mrs. A. Arthi, Assistant Professor, Mr. S. Venkatesh, Assistant Professor and Ms. P. Kalpana, Assistant Professors, participated in the AICTE - Short Term Training Programme titled 'Enhancement and Reinforcement of Moral Ethics to the Learned Faculty Members' organized by M.A.M. College of Engineering and Technology.
- Ms. P. Kalpana, Assistant Professor, participated in the IBM Skills Academy - Virtual Train-the-Trainer (T3) Workshop titled 'Data Science'.

VLAB ESTABLISHMENT

Department of Information Technology was selected to develop a Virtual Lab as a part of PALS - VLAB Development in association with NITK.

- Name of the Virtual Laboratory: Computer Graphics Lab
- Name of the Faculty Member: Dr. K. Geetha, Professor.

- Mentors:
 - Mrs. A. Arthi, AP
 - Mr. G. Vimal Subramanian, AP
- Interns:
 - Mr. P. Arulnithi, IV Semester
 - Mr. A. Vishnu, II Semester

The team has successfully completed Round 3 of the process and is in progress with the implementation of VLAB.

PAPER PUBLICATION

- Mrs. A. Arthi published a paper titled 'Monitoring of Loose Grocery Items Using Raspberry Pi for Stock Management' in the International Journal of Multidisciplinary Educational Research (IJMER).
- Additionally, Mrs. A. Arthi, Assistant Professor, participated and presented a paper titled 'GLCM-Based Detection and Classification of Brain Tumor Using Deep Learning' at the Virtual National Conference on Innovation in Computing & Technology (VNCICT-2021). The conference was organized by the Department of Computer Science and Engineering on 12th April 2021 at Velammal Institute of Technology, Panchetti, Chennai.

AWARD

Mr. S. Venkatesh, Assistant Professor, received an award for his dedicated participation and commitment in skill-building activities within the UiPath Academic Alliance.

ONLINE WEBINARS

- 1.Data Science Webinar by Mr. Krishna Ramachandran, Principal-Education, Trainee and Assessment Chennai DC EPA Manager, Infosys
 - Date: February 27, 2021
- 2.Artificial Intelligence Webinar by Mr. Vishnu B, Python Developer, Gateway Software Solutions Pvt Ltd, Coimbatore
 - Date: March 13, 2021
- 3.Angular JS Webinar by Mr. Praveenraj, Product Engineering, Optima Softtwig Technologies Pvt Ltd, Chennai
 - Date: March 27, 2021
- 4.Webinar on 'Blaze your Career with Salesforce' by Mr. S. Kumaresan, Salesforce Developer Community Leader, MST Solutions, Trichy
 - Date: March 27, 2021



Student Achievements

- J. Mohamed Asif, R. Ramkumar and R. M. Vignesh of IV year presented a project “Preventing Birds Using Ultrasonic Sound in Paddy Field” at Kanpur Institute of Technology on 04-03-2021.
- E. Devipriya, S. Nandhini, R. Snega of IV year presented a project “Detection and Classification of Brain Tumor using Deep Learning” at Karnataka State Council for Science and Technology on 12-03-2021.

TRAINING & PLACEMENT

- Life skills
- Soft skills
- Communication skills
- Presentation skills and
- Interview skills are provided to our students.

BEST PROJECTS

- The project titled 'Preventing Birds Using Ultrasonic Sound in Paddy Fields' was recognized as the Best Project for the Year 2020 – 2021. This project was conceived and executed by Mr. R.M. Vignesh, Mr. R. Ramkumar, and Mr. J. Mohamed Asif from the VIII Semester, guided by Mr. G. Vimal Subramanian, AP. Moreover, the following projects were selected and submitted for the Seminar-cum-Exhibition organized by the Tamil Nadu State Council for Science and Technology, Tamil Nadu:
- 'Deep Learning-Based Coronavirus Detection Using CT Lung Images' led by Ms. G. Deepa and team, under the guidance of Dr. K. Geetha.
- 'Collen Track Safe App' led by Mr. D. Elavarasan and team, guided by Mr. G. Vimal Subramanian.
- 'Preventing Birds Using Ultrasonic Sound in Paddy Fields' presented by Mr. R.M. Vignesh, also under the guidance of Mr. G. Vimal Subramanian.

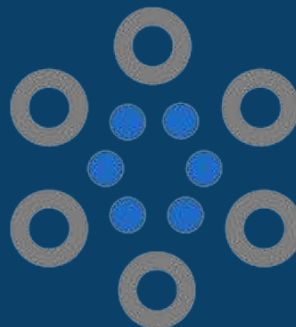
PLACEMENT DETAILS

- Abinaya R, Abitha Y, Anusiya S, Kalaiyarasan G, Kalim A, Kanimozhi T, Kiruthika A, Mukesh P, Senega R and Ruban J secured positions at ALASS Infotech in Trichy.
- Abitha Kujalambal T, Harithasan R, Indhira Devi P, Manivasan P secured positions at KGIS Coimbatore.
- Bairavi V, Devipriya E, Ishwarya S, and Lydia P secured positions at secured positions at New Dream Data Systems Pvt. Ltd., Trichy- 5.
- Navashkhan S, Mohamed Asif J, Vignesh R M, and Ramkumar R secured positions at secured positions at V-Dart.
- Deepa G, Nandhini S, Priyadharshini K, Priyanga M, and Vinodhini S secured positions at Tech-volt Software Pvt. Ltd., Coimbatore - 15.



JOURNAL PARTICIPATED

- R. Indhumathi AP/IT attended a conference titled “Health Care Cramer Generative adversarial Network” in Springer Distributed and Parallel Databases on June 2021, DOI 10.1007/S1061902107346.
- R. Indhumathi AP/IT has attended a conference with the title “Anonymization Based on Improved Bucketization(AIB): Privacy-Preserving Data Publishing Technique for Improving Data Utility in Health Care Data” in the Journal of Medical Imaging and Health Informatics, DOI.ORG/10.1166/JMIHI.2021.3901.



JOURNAL PUBLICATIONS

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