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News Letter

M.A.M COLLEGE OF ENGINEERING AND TECHNOLOGY

2022-2023

IT-CHRONICLE





ASSOCIATION INAUGURATION

The Inaugural function of IT association, i-Blitz was held on 26th September 2022 and inaugurated by Dr. K. Selvakumar, Assistant Professor, Department of Computer Applications, National Institute of Technology, Tiruchirappalli at 10.00 am in Newton Hall.

Dr. K. Geetha, HOD of IT welcomed the gathering and Principal Dr. X. Susan Christina, and Vice Principal Dr. G. Haridoss, presided over the function.

Mrs. S. SathyaPriya AP/IT introduced the Office Bearers of IT Department.

NAAN MUDHALVAN COURSE

Naan Mudhalvan platforms aims to provide dynamic information for college students on courses and relevant information about industry specific skills.

This enables the students of Tamil Nadu to get trained in their chosen field of interest that improved them in achieving their career goals.

Our IT students attended the Naan Mudhalvan course under the topic Machine Learning, Big Data, AR/VR and Smart grid course.

NALAIYA THIRAN

Tamil Nadu government has now launched Nalaiya Thiran. In this program, 50,000 college students will be trained with the knowledge in computer science, electronics, IT domains and improve thier skill in problem solving.

Our Final year IT Students attended the Nalayathiran coures and completed their projects successfully under various domains.

DEPARTMENT ACTIVITIES AND WEBINAR ORGANIZED

IMAGE CLASSIFICATIONS AND RECOGNITIONS

Image classification and recognition is a computer vision technique that allows machines to interpret and categorize what they "see" in images or videos. Often referred to as "**Image Classification and Recognition**" this core task is a foundational component in solving many computer vision-based machine learning problems.

The department conducted a seminar on image classification and Recognition on 27th August 2022.



DEPARTMENT MISSION

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



DEPARTMENT 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.



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.



Dr. S. Sathya Devi, Assistant professor (Selection Grade) University College of Engineering, Bharathidasan Institute of Technology, Trichirapalli-24 was the resource person. She insisted on the importance of image classification and recognition and how it was implemented on 27.08.2022



OOPS

Mr. Saravana Raman, Professor/CSE Dept, Shri Angalamman College of Engineering and Technology, Trichy.

Enlightened the OOPs concept to our students on 22nd September 2022.



INDUSTRIAL BASED TRAINING ON CYBER SECURITY

Cyber Security protects computer systems and networks from attack by malicious actors that may result in unauthorized disclosure, theft of, or damage to hardware and software, or data and from the distribution or misdirection of their service. The training given by Mr. Hillary was based on industry. Godwin A, CEO-YUBITIRI, Director and Marketer of Securix, Fox Technology, Chennai, on Cyber security on 21-10-2022. A live demo session was shown to students on hacking their mobile and websites



ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNIQUES

Artificial Intelligence (AI) has changed every Apect of our lives from the workplace to retail, to healthcare. As demand for AI specialists increases, we arranged a seminar on AIML on 26th September 2022.

Dr. K. Selvakumar, Assistant Professor, Department of Computer Applications, National Institute of Technology, Tiruchirappalli was the Chief Guest. He specified the need for students who can build, use, and manage emerging AI technologies.



Technology Speaks on Cloud Computing

Ms. Sabiya Parveen Sayyed, Software Architect., IBM, gave a speech on Technology Speaks on Cloud Computing on 13.10.2022.



Technology Speaks on AI Driven trends in Healthcare

Mr. Krishnakanth Naik, Senior Escalation Engineer at IBM India Pvt. Limited, gives a speech on Technology Trends in Healthcare Driven by AI on 27.10.2022.



FDP on AI and Machine Learning

Mr Sudharsan Santhiappan, Chief Scientific Officer, Buddi AI, explained the FDP on AI and Machine Learning. on 28.11.2022



FDSP on Spectral Graph Theory

Prof. M. Rajesh Kannan, Assistant Professor, Department of Mathematics, Indian Institute of Technology Hyderabad, Prof. Rakesh Venkat, Assistant Professor, Department of Computer Science and Engineering, Indian Institute of Technology Hyderabad explained the FDSP on Spectral Graph Theory on 24.11.2022.



FACULTY PARTICIPATION

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Mrs. Fathima Chandhini S attended the "Faculty Development Program" by Vijay Karunakaran, Founder & CEO, on the topic "AR VR MR Metaverse Development" on September 19, 2022, organized by InGage Technologies.

Mrs. Rama B. AP/IIT attended the "Train the Trainers" on the topic "Cloud Essentials" on October 7, 2022, organized by TNSDC in collaboration with Veranda Learning.

Ms. Mathumitha M.A./IT and Ms. Suganya P.A./IT attended the event.

"Faculty-student development program" on the topic "PALS FSDP-SPECTRAL GRAPH THEORY" on November 24 and 25, 2022, organized by PALS PMO.

FDP

Mrs. S. Fathima Chandhini and Ms. M. Indhumathi participated in a Faculty Development Program on "Augmented Reality, Virtual Reality & Metaverse Development," hosted by Ingage Technologies Pvt. Ltd., from 19.09.2022 to 30.09.2022.

Ms. P. Suganya, Ms. M. Mathumitha, and Mrs. J. Subathra took part in a Faculty Development Program focused on "Spectral Graph Theory," conducted by PALS from 24.11.2022 to 25.11.2022.

WEBINAR ON OBE

Dr. K. Geetha, HOD & IT, specified the importance of Outcome-based-Education, in which an emphasis is placed on an articulated idea of what students are expected to know and be able to do, that is, what skills and knowledge they need to have, what is the role of a teacher in OBE and the Challenges in OBE.



Ms. Mathumitha M And Mrs. Subathra J attended a Faculty Development Program at Saranathan College of Engineering on the Topic "Data Analytics and Machine Learning" on 20-10-2023.



STUDENTS PARTICIPATION



OTHER STATE PARTICIPATION

Selvi R. Jathika and Selvi S. Sushma presented a paper on Cloud Based Energy Provider for Renewable Energy at MAR BASELIOS College of Engineering Kerala on 12-08-2022.

Selvan R. Gunaseelan and Selvan M.Manikandan presented a paper on A New Horizon in Navigating the Future of Agriculture with Drone Technology at New Horizon College of Engineering Bangalore on 08-12-2022.

STUDENT PARTICIPATION

Selvan. B.A.Syed Ahamed from the second Year participated in the symposium and won the third position in the event Quizzards at Mepco Schlenk Engineering College, Sivakasi held on 16-09-2022 & 17-09-2022.

Selvan A. Abuthahir and Selvan N. Dhishwanth second year have participated and secured second and third positions in the event Code Debugging and Selvan S. Shiva Narayanan, Selvan A. Abuthahir, Selvi A.Shereen, Selvi R.Varshasri, Selvan N.Dhishwanth & Selvi M.Navya Second year have participated in various events held on 17-09-2022 at Kongunadu College of Engineering and Technology.

J.Aayisha,R.Sudarvizhi, M.SaeedaAseema of third year has participated in the event Paper Presentation held on 24-09-2022 at K.Ramakrishnan College of Engineering.

R.Sudarvizhi, M.SaeedaAseema of third year has participated in the event Paper Presentation held on 17-09-2022 at Kongunadu College of Engineering and Technology.

Selvan M.Pravin,S.AbdulHajeess, J.Agishan, S.Manoj, G.Kelvin Jose, S.Manivel of second year M.Sugavaneshwaran, G.Hariprasath, R.Gunaseelan, M.Manikandan of third year and A.Renuka Devi, T.Divya, M.Reshma, Selvan S. Mohamed Unish, Selvan S. Ramasubramaniyan have participated in various event held on 22-09-2022 at Kings College of Engineering. R. Kavya, V.Sindhupriya, R.Santhiya, J.Priyadharshini of the third year have participated in the event Paper Presentation held on 30-10-2022 at Dhanalakshmi Srinivasan Engineering College.

C. Arasu and P. Nagendran participated in the event Paper Presentation and Quiz on 19-10-2022 at OASYS Institute of Technology

Mr. Nitish S, Ms. Pushpa from Final Year, and Mr. Bhuvaneshwaran. G, AbuThahir. A, Shiva Narayanan .S, Syedahamed B. A, Prabu K.L, Varsha Sri. R, Miss. Roshini .M, Navya .M, GrattaMary .K from Second year attended the Aptitude training for 6 days (06.10.22 to 08.10.22) and (19.10.22 to 21.10.22) by Innate Talent Institute, Chennai.





III IT Students Participated in PALS Project Expo in the topic - Smart Drone In Agriculture

PLACEMENT

Pravin S, Ramasubramaniyan S, Rashad have been placed in New Dream Data System Pvt Ltd Company as Developer.



Divya T, Reshma M, Ragavi, have been placed in Techvolt Pvt Ltd Company as Web Developers/ Data Scientist .



PARENT MEETING

The Department of Information Technology organized "Parent-Teacher Meeting" (PTM) as an event or gathering for the parents and teachers.

CONDUCTED MEETINGS



Dr. K. Geetha, Head of the Department, welcomed and addressed the gathering. She explained the academic processes to be followed, emphasized the importance of attendance, discussed assessment methods, highlighted the subject materials posted in the ERP (Enterprise Resource Planning) system, and introduced the parent ERP app for monitoring their children's progress. One-on-one parent meetings were conducted after analyzing the results of the internal tests, during which parents discussed their children's academic performance.



CLASS COMMITTEE MEETING

The Class Committee meeting is totally focused on enhancing academic performance and solving the students' issues. Class Coordinator, Mentors Faculty, and HoD were united to hear the reviews from the students of the concerned class.

Department of Information Technology conducted three Class Committee meetings throughout the semester in the following dates.

1. First CCM – 19.09.2022
2. Second CCM – 31.10.2022
3. Third CCM – 16.11.2022



SPORTS

Santhosh Raj R and Prabanjan G of second Year participated in Football match which was conducted at Anna Stadium.

Selvan Agishan J, Gopuraj M, Krishna Kumar E, and Yogeshwaran K of second Year IT participated in Handball match which was conducted at K.RamaKrishnan College of Engineering and Technology, Trichy.



OTHER ACTIVITY

Department of IT students donated the blood in blood camp conducted by YRC AND NSS unit on 21st October 2022.

STUDENTS UNIVERSITY EXAM'S PERFORMANCE

Toppers in university examination in VI Semester

1. M. Keerthana - 9.34
2. S. Vijayalakshmi - 8.89
3. T. Dhivya - 8.75
4. A.Puspa - 8.75
5. X. Willbritvincy - 8.75

Toppers In University Examination VI Semester



Toppers in university examination in IV Semester

1. J. Aayisa -8.93
2. R. Sudarvizhi - 8.26
3. A. Kaviyadharshini -8.2

Toppers In University Examination IV Semester



Toppers in university examination in II Semester

1. K. L. Prabu - 8.92
2. R. Varsha sri - 8.64
3. S. Shiva Narayanam - 8.64
4. B. Roshini -8.4

Toppers In University Examination II Semester



CELEBRATION

SARASWATI POOJA FESTIVAL

Saraswati pooja or saraswati devi is the goddess of knowledge , learning ,wisdom and music. It is an auspicious day which is dedicated to goddess saraswati.

Saraswati pooja was celebrated on 4th October 2022



CHRISTMAS CELEBRATION

Christmas is commemorates the birth of Jesus Christ, the spiritual leader and founder of Christianity. While many people celebrate Christmas to honour Jesus's birth, it's also celebrated as a cultural holiday across the globe.

We celebrated the birth anniversary of Jesus Christ on December 24th 2022.



NEW YEAR CELEBRATION

New Year was celebrated on December 31st 2022 in our department. As a token of gratitude and the effort rendered throughout the year, our management appreciated our faculties with momento.



PONGAL CELEBRATION

We celebrated Pongal to thank the Sun, Mother Nature, and the various farm animals that help to contribute to a bountiful harvest. Pongal also marks the beginning of the Tamil month called Thai, which is considered an auspicious month.



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