



MOHAMED SATHAK ENGINEERING COLLEGE

AN AUTONOMOUS INSTITUTION



KILAKARAI-623 806, RAMANATHAPURAM DIST. (Recognized under section 2(f) & 12B of UGC, NewDelhi)

Approved by AICTE, COA, New Delhi, DGS Mumbai, Affiliated to Anna University, An ISO 9001:2015 Institution, Sponsored by Mohamed Sathak Trust, Chennai - 06.

Issue No. 01

BINARY BRAINS NEWSLETTER

Month & Year : Jan-2025

DEPARTMENT OF MCA

MCA Department is established in the academic year 1993-94 with the intake of 30 Students. Earlier it was affiliated to Madurai Kamaraj University and approved by AICTE, New Delhi. Now it is affiliated to Anna University, Chennai with the intake of 60 students. From the academic year 2024-25, our Mohamed Sathak Engineering College has conferred with Autonomous status by UGC, New Delhi.

We are having experienced faculties in different specialization, and well equipped Laboratories with latest computer systems. We motivate Staff and Students to promote Industry Institute Interaction and R&D activities. In addition to regular curriculum, the department organizes technical seminars, symposia, workshops, industrial visits, in-plant training to expose the students to the real world environments and to enable them to gain practical knowledge. The department has modern computing facilities with latest Software and Hardware. The students of this department are highly placed in the industrial segments and in trade / commercial / corporate organizations while many of them pursue higher education in India and overseas.

DEPARTMENT VISION

The Department of Master of Computer Applications strives to groom students with diverse backgrounds into competitive software professionals and pioneering leaders in offering innovative solutions to dynamic global challenges in tune with the needs of the society.

DEPARTMENT MISSION

- To offer high-grade, value-based Post-graduate programmes in the field of Computer Applications.
- To impart value-added technical education to the students and enrich their knowledge.
- To endeavour for continuous upgradation of technical expertise of students.
- Develop intellectual curiosity and a commitment to lifelong learning in students, with societal and environmental concerns

DEPARTMENT ACHIEVEMENTS DURING JULY 2024 TO DECEMBER 2024

MoUs Signed	: 01	Student Internship	: 35
NPTEL Course Completion	: 12	Student Online Certification	: 17
Events Organized	: 04	Faculty Appreciations	: 08
Journal Publications	: 05	Univ. Pass % (Apr-May'24)	: 84%
FDP Participations	: 33		

INDUSTRY COLLABORATION



Department of Master of Computer Applications officially signed a MoU with **MAGIZHCHI SOFTWARE PVT.LTD** on **07.11.2024**. The major objectives of this MoU are to have Industry-Academia Collaboration, Industry relevant Curriculum Development, providing Internship & Placement opportunities and Research & Development.

NPTEL COURSE COMPLETION

Every year our department faculty and students register SWAYAM - NPTEL Online Courses and complete the courses successfully. During the June'24 to December'24 session 03 Faculty and 08 Students completed the courses with ELITE-GOLD, ELITE-SILVER and ELITE grades.



FACULTY ACHIEVEMENTS



Prof. N. Balasubramanian has awarded with TOPPER Certificate for scoring 90% with ELITE-GOLD Grade in Ethics in Engineering Practice course.



Mr. G. Balamurugan has conducted Spoken Tutorial IT Skills training Course and appreciated with Organizer certificate by Spoken Tutorial – IIT Bombay.



Prof. M. Mohamed Rafi and Mr. G. Balamurugan have appreciated with Mentor Certificate for the NPTEL Online Course Introduction to Internet of Things.

STUDENT ACHIEVEMENTS IN APR/MAY'25 EXAMINATIONS

MCA (2022-24)			MCA (2023-25)		
					
DEVA JOTHIKA M 8.82 CGPA	MAHALAKSHMI M 8.52 CGPA	KEVIN CELESTINE L 8.34 CGPA	MOHD. THAHIR A 8.77 CGPA	MADHU PRIYA S 8.50 CGPA	AYESHA J 8.46 CGPA

NUMBER OF QUALITY PUBLICATIONS

1. Mr. M. Mohamed Rafi published a paper entitled “Mining User Aware Rare Sequential Topic Pattern Document Stream” in Journal of Engineering, Computing & Architecture, ISSN No: 1934-7197, Vol-14, Issue-07, July 2024.
2. Mr. N. Balasubramanian published a paper entitled “Stock Market Prediction System using Machine Learning” in Journal of Scientific Computing, ISSN No:1524-2560, Vol-13, Issue-07, 2024.
3. Mr. N. Balasubramanian published a paper entitled “Dynamic Seat Allocation System for Examinations using MS SQL Server” in International Journal of Innovative Research in Technology, ISSN No: 2349-6002, Vol-11, Issue-03, August 2024.
4. Mr. M. Sabari Ramachandran published a paper entitled “Integrated E-Panchayat System for efficient Rural Administration” in International Journal of All Research Education and Scientific Methods, ISSN No:2455-6211, Vol-12, Issue-07, July 2024.
5. Mr. G. Balamurugan published a paper entitled “Detection of Autism Spectrum Disorder in Children using Machine Learning” in Journal of Information and Computational Science, ISSN No:1548-7741, Vol-14, Issue-07, 2024.

INDUSTRY INTERNSHIP (4 weeks & above)

35 Students of MCA 2022-24 Batch underwent Internship in Industry during their project duration and completed it in 31.07.2024.

EVENTS ORGANIZED



MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI-623 806, RAMANATHAPURAM DIST. (TAMIL NADU)

Webinar on
FROM CLASSROOM TO CAREER: CHALLENGES AND TRIUMPHS
28th August 2024 @ CSE Seminar Hall

Google Meet
<https://meet.google.com/dfm-aaqg-nuj>

Convener: **Dr. V. Nirmal Kannan**, Principal, MSEC
Co. Convener: **Mr. M. Mohamed Rafi**, Professor, HOD/MCA

Chief Guest: **SENTHIL RAJA K**, Automation Test Architect, Karya Technologies Ltd, MCA Alumni (2008-11)

Coordinators: **Prof. N. Balasubramanian**, Asso. Professor/MCA; **Mrs. N. Sruthilaya**, Asst. Professor/MCA

Organized by Department of Master of Computer Applications

99400 04506 | 89259 12337
www.msec.org.in

Organized a Career Guidance Programme entitled **FROM CLASSROOM TO CAREER: CHALLENGES AND TRIUMPHS** on 28.08.24. Mr. K. Senthil Raja, Automation Architect, Karya Technologies Ltd, one of our distinguished alumni shared his experience and motivated the students to acquire the skill sets needed to get a job in IT industries and the insisted them to learn the latest technologies. He also discussed challenges in job search, how to adapt into workplace culture, and managing setbacks.

Organized **ASPIRE & ACHIEVE: A CAREER GUIDANCE PROGRAMME** on 19.09.24. This initiative aims to bridge the gap between academic learning with real world career opportunities. Mr. Balasabarimani, Senior Architect, CTS, one of our renowned alumni invited as a guest. He focused on inspiring and motivating students to explore their career aspirations. He emphasized Self-Discovery, Importance of Mentorship, Developing Transferable Skills, Staying Adaptable and Resilient and Exploring Emerging Opportunities.



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Seminars on
THE INFORMATION AGE: TRENDS, CHALLENGES AND OPPORTUNITIES IN IT
on 07th November 2024 @ 10.00 AM
Venue: MBA Seminar Hall

Convenor
Dr.V. Nirmal Kannan
Principal, MSEC

Co Convenor
Mr.M.Mohamed Rafi
Professor & Head/MCA

Coordinators
Mr. N. Balasubramanian
Asso. Professor/MCA
Mr.G. Balamurugan
Asst. Professor/MCA

Resource Person
Mr. K Thirumaran
Director
Magizhchi Software Pvt. Ltd.
Madurai.

Organized by
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Master of Computer Applications

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Organized a Seminar **THE INFORMATION AGE: TRENDS, CHALLENGE AND OPPORTUNITIES IN IT** on 07.11.24 to provide a comprehensive overview of the most significant and emerging technological trends. Mr. K. Thirumaran, Director of Magizhchi Software Pvt. Ltd invited as a resource person. During his speech he highlighted the rapid evolution of technology and its impact on various industries and aspects of life. He discussed the latest trends in IT, addressed the challenges associated with the rapid growth of technology, and emphasized the vast opportunities available in the IT sector.

Organized a programme to celebrate the **NATIONAL EDUCATION DAY** on 11.11.24 with an objective to educate students about the importance of education and the significance of National Education Day. Motivated the students to value education and strive for excellence in their academic pursuits. Also organized debates and discussions that promote critical thinking and problem-solving skills.



EDITORIAL BOARD

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