



**C. ABDUL HAKEEM COLLEGE OF ENGINEERING
& TECHNOLOGY
MELVISHARAM RANIPET DISTRICT - 632 509.**

| AFFILIATED TO ANNA UNIVERSITY | APPROVED BY AICTE | LISTED IN 2[F] & 12[B] SECTIONS OF UGC

NEWS LETTER



**Department of Master of Computer
Applications**

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ABOUT CAHCET



C. Abdul Hakeem College of Engineering & Technology (CAHCET) is a non-profit self-financed engineering college located in Vellore, Tamil Nadu, India. It is affiliated to Anna University. It offers 09 undergraduate and postgraduates programs in engineering and management. This college is one of the several educational institutions run by the *Melvisharam Muslim Educational Society* which was founded in the year 1918.

A well-established and well-organized College of Engineering is the desired destination of vast majority of students. One such role model of a college is located at a distance of 100 kms from Anna International Airport, Chennai and at 4 kms from Arcot, the capital of Nawabs who ruled one-fourth of South India. Right from the year of its inception, the college is consistently producing scores of first class graduates, scores of graduates with high distinction and graduates with University Rank or other academic credentials.

ABOUT MCA DEPARTMENT

MCA is a postgraduate program that established in the year 2008 with a sanctioned intake of 60 students and focuses on various aspects of computer applications and software development. It covers subjects such as programming languages, database management, software engineering, web development, networking, and computer architecture. MCA graduates are equipped with the skills necessary to pursue careers in software development, systems analysis, database administration, and IT management.

The department is provided with a well-equipped laboratories Essential software's and computer terminals as per the curriculum of Anna University are available in the department. The faculty members have regularly participated in various FDPs (like NITTTR), workshops, seminars, conferences and other training programmes sponsored by AICTE, MHRD etc. They have also presented many research papers in various conferences and journals. The department has been producing good results and produced 55 Anna University Rank holders till todate.

DEPARTMENT OF MCA

GOALS

- To outshine in programming skills in the various computing fields of IT industries.
- To endorse students potential to become entrepreneur in various sectors of Computer applications.
- To provide technical services to satisfy the needs of student community and society.
- To disseminate research and higher studies interest among student community.
- To achieve excellence through the persistent team effort and dedication.

OBJECTIVES

- Graduates shall have sound knowledge regarding the fundamental principles and techniques in the discipline of Computer Science and Applications.
- Graduates shall have the ability to specify, design, develop and maintain reliable and efficient outcome.
- Graduates shall have the necessary communication and management skills and ethical values to become competent professionals.

VISION

Providing knowledge of Computer Applications to enable the MCA graduates to meet global challenges.

MISSION

M1: To inculcate skills that can bridge the gap between industry and academia.

M2: To develop innovative talents among students.

M3: To practice ethical values and making them engage in life-long learning.

PROGRAM SPECIFIC OUTCOMES (PSOs)

The Graduates of MCA will be:

PSOs	Statements
PSO1	Able to select suitable data models, appropriate architecture and platform to implement a system with good performance.
PSO2	Able to design and integrate various system based components to provide user interactive solutions for various challenges.
PSO3	Able to develop applications for real time environment using existing and upcoming technologies.

PROGRAM OUTCOMES

PO1. Computational Knowledge:

Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.

PO2. Problem Analysis:

Identify, formulate, research literature, and solve *complex* computing problems reaching substantiated conclusions using fundamental principles of mathematics, computing sciences, and relevant domain disciplines.

PO3. Design /Development of Solutions:

Design and evaluate solutions for *complex* computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

PO4. Conduct Investigations of Complex Computing Problems:

Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5. Modern Tool Usage:

Create, select, adapt and apply appropriate techniques, resources, and modern computing tools to *complex* computing activities, with an understanding of the limitations.

PO6. Professional Ethics:

Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practice.

PO7. Life-long Learning:

Recognize the need, and have the ability, to engage in independent learning for continual development as a computing professional.

PO8. Project management and finance:

Demonstrate knowledge and understanding of the computing and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO9. Communication Efficacy:

Communicate effectively with the computing community, and with society at large, about *complex* computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.

PO10. Societal and Environmental Concern:

Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practice.

PO11. Individual and Team Work:

Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.

PO12. Innovation and Entrepreneurship

Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs):

The Master of Computer Applications graduate will able to:

PEO	Statements
PEO1	Apply their computing skills to analyse, design and develop innovative software products to meet the industry needs and excel as software professionals.
PEO2	Pursue lifelong learning and do research in the computing field based on solid technical foundations.
PEO3	Communicate and function effectively in teams in multidisciplinary fields within the global, societal and environmental context.
PEO4	Exhibit professional integrity, ethics and an understanding of responsibility to contribute technical solutions for the sustainable development of society.

EVENTS ORGANIZED FROM MCA DEPARTMENT

1.The Department organized a One-Day Workshop on “**Intellectual Property Rights (IPR)**” on 23rd August 2024. The session was effectively handled by Dr. M.Saadique Basha,HOD/MCA.



2.The Department successfully organized a One-Day Entrepreneurship Program on the theme “**Idea Generation and Business Model Canvas**” on 29th August 2024. The session was led by Dr.V. Priyadarshini, Assistant Professor and Head of the Department – MBA, who served as the resource person.



3.A One Day Workshop On “**Internet Of Things**” Conducted On 04.09.2024 Mr. K. Udayaprakash, Technical Trainer, Skillup Tech Solutions, was the resource person.



4.The Department of MCA organized a **Fresher’s Day** celebration, conducted by the II MCA students, on 27th September 2025 to welcome the newly admitted I MCA students.



5. An Interactive One-Day “**Workshop on Machine Learning**”, held On 15.10.2024, organized by the Department of MCA. Mr. Abdul Azhar, Technical Trainer, TECHKNOTS Academy LLP, was the resource person.



6. The Department of MCA successfully organized a One-Day National Level Technical Symposium titled “**Techno Rendezvous–2024**” on 28th October 2024. The inaugural session featured Mr. N. Vinoth Kumar, Technical Specialist in Microsoft Technologies, from HTC Global Services Pvt. Ltd., Chennai, as the Chief Guest and resource person. He delivered a thought-provoking keynote address on emerging trends in technology and industry expectations, offering valuable insights into real-world applications and career guidance in the IT domain.



7.A One Day Training Program On “**Aptitude Cracking And Awareness Of Placements**”, held on 09.11.2024 organized by the Department of MCA. Mr.Dheen Elahi., MCA, Associate Quality Analysis, Amazon Development Center, Pergundi, was the resource person.



8. The Department of Master of Computer Applications celebrated **National Education Day** on 11th November 2024 to commemorate the birth anniversary of Maulana Abul Kalam Azad, India’s first Minister of Education.

The event was graced by Dr. M. Sasikumar, Ph.D., Principal, who served as the Chief Guest. In his enlightening address, he spoke on the theme “Importance of Education”, emphasizing the pivotal role education plays in personal development, societal progress, and nation-building. His inspiring words motivated the students to value education as a powerful tool for transformation.



FACULTY ACHIEVEMENTS

1.FACULTY PARTICIPATION OF ATAL,NON ATAL FDP,WORKSHOP,WEBINAR,SEMINAR ETC.,

Academic Year 2024-2025(ODD SEM)

S.NO.	NAME OF THE FACULTY	NATURE OF THE PROGRAM	TITLE	VENUE	DATE
1	DR.M.SADIQUE BASHA	ATAL FDP	In AI-Driven Network Security: Advanced Techniques for Intrusion Detection	M.Kumarasamy College Of Engineering,Online.	6 Days (09.12.2024 to 14.12.2024)
2	R.KAVITHA	MOOC	OpenAI Generative Pre-trained Transformer 3 (GPT – 3) for developers	Infosys Springboard	27-12-2024
3	B.S.VIJAYA BASKAR	SEMINAR	AI for Teaching and Learning	Dr.MGR Educational and Research Institute, Chennai.(Online)	26-12-2024
4	R.KAVITHA	SEMINAR	Seminar on AI for Teaching and Learning	Dr.M.G.R Educational & Research Institute, Chennai	26.12.2024
5	B.S.VIJAYA BASKAR	ATAL FDP	High-Performance Computing: Transformation Research Through Advanced Technology	Jeppiaar Institute Of Technology(Online)	6 days(16-12-2024 to 21-12-2024)
6	R.KAVITHA	ATAL FDP	High Performance Computing :Transformation Research Through Advanced Technology	Dr.JJ.Magdum College Of Engineering	6 days(16/12/2024 to 21/12/2024)
7	R.KAVITHA	ATAL-CERTIFICATE OF COMPETENCY	Building Transformer – Based Natural Language Processing Applications	NVIDIA	19-12-2024
8	SUMAIYA BANU V I	FDP	Cloud Architect	EXCELR	18.11.2024 TO 22.11.2024
9	B.S.VIJAYA BASKAR	NON ATAL FDP	Cloud Architect	Sri Kanyaka Parameswri CAS,Chennai-(Online)	5 days(18-11-2024 to 22-11-2024)
10	B.S.VIJAYA BASKAR	NON ATAL FDP	5G Networks and Applications	AVS Engineering College, Salem(Online)	5 days(11-11-2024 to 15-11-2024)
11	R.KAVITHA	NON ATAL FDP	5G Networks and Applications	Presidency University, Bengaluru	5 days(11/11/

			Applications		2024 to 15/11/2024)
12	B.S.VIJAYA BASKAR	WEBINAR	Hands on training on project proposal writing	Presidency University(Online), Bangalore.	19-11-2024
13	SUMAIYA BANU V I	IFDP	Project Excellence Guide: Digital Marketing	EXCELR	21.10.2024 TO 25.10.2024
14	SUMAIYA BANU V I	WEBINAR	Next Generation Networks	PRESIDENCY UNIVERSITY	27.9.2024
15	SUMAIYA BANU V I	IFDP	Gen Ai And Prompt Engineering Using Microsoft Co-Pilot	EXCELR	16.9.2024 TO 20.9.2024
16	R.KAVITHA	NON ATAL FDP	Empowering Digital Transformation with Cutting-Edge Technologies	Sri Kanyaka Parameswari Arts & Science College For Women, Chennai	5 days(16-09-2024 to 20-09-2024)
17	SUMAIYA BANU V I	PDP	Empowering Digital Transformation With Cutting -Edge Technologies	Sri Kanyaka Parameswari Arts & Science College For Women	16.9.2024 TO 20.9.2024
18	B.S.VIJAYA BASKAR	NON ATAL FDP	Empowering Digital Transformation with Cutting-Edge Technologies	Sri Kanyaka Parameswari Women,Coimbatore.(Online)	5 days(16-09-2024 to 20-09-2024)
19	SUMAIYA BANU V I	FDP	Critical And Creative Thinking Skills	Michael Job Memorial College Of Education For Women	5.8.2024 TO 6.8.2024
20	SUMAIYA BANU V I	IFDP	Machine Learning And Artificial Intelligence	EXCELR	12.8.2024 TO 19.8.2024
21	B.S.VIJAYA BASKAR	NON ATAL FDP	Critical and Creative Thinking Skills	Michael Job Memorial College of Education for	2 days(August 5th and 6th,2024)
22	R.KAVITHA	NON ATAL FDP	Critical and Creative Thinking Skills	Michael Job Memorial College Of Education For Women, Coimbatore	2 DAYS (5.8.2024 TO 6.8.2024)
23	SUMAIYA BANU V I	IFDP	Creative Classroom Techniques	Vels Institute Of Science & Technology	8.7.2024 TO 12.7.2024
24	SUMAIYA BANU V I	IFDP	AI And Gen Ai With Industry Application	EXCEL R	16.7.2024 TO 22.7.2024
25	SUMAIYA BANU V I	IFDP	Exploring New Frontiers in Teaching Tools, AI and Data Analytics	Measi Institute Of Information Technology	29.7.2024 TO 2.8.2024
26	SUMAIYA BANU V I	FDP	Essential Skills for Professional Development Higher Education	Star International Foundation For Research And Education	1.7.2024 TO 7.7.2024
27	SUMAIYA BANU V I	NFDP	Enhancing Academic and Administrative Excellence Through Quality Initiatives	Park's College	22.7.2024 TO 29.7.2024

28	R.KAVITHA	NON ATAL FDP	Enhancing Academic and Administrative Excellence Through Quality Initiatives	Park's College, Tirupur	7 days(22.07.2024 to 29.07.2024)
29	R.KAVITHA	WEBINAR	Financial Education A Life Skills Under NEP 2020	Association of Mutual Funds in India	July 19, 2024
30	B.S.VIJAYA BASKAR	INTERNATIONAL SEMINAR	Data Science and Management of Data	Dr.MGR Educational and Research Institute,Chennai.(Online)	12-06-2024

2.FACULTY JOURNAL PUBLICATIONS

1. Basha, Murtaza Saadique.Contrast Enhancement for Color Images Using Improved Adaptive Multi-Scale Retinex Algorithm Approach “International Journal of Science and Research 13 (12), (2024) 1731 – 1735.
2. B S Vijaya Baskar ”A Study On Talent Management And Its Influence On Employee Performance Through Data Optimisationa Study On Talent Management And Its Influence On Employee Performance Through Data Optimisation” Journal Of The Oriental Institute,Volume 73,UGC Care Approved Group I 2024.

3.FACULTY PATENT PUBLICATION

1. B.S.VIJAYA BASKAR,AP/MCA-APPLICATION NUMBER 202441074897 - Machine Learning-Based Damage Detection and Localization in Buildings using IoT Sensor Network-PUBLISHED DATE (U/S 11A) 11/10/2024.

STUDENTS CO-CURRICULAR ACHIEVEMENTS

1. The following II MCA students participated in the 6th National Level Technical Symposium – ELITE 2K24, conducted by SCSVMV University, Kanchipuram, on 9th October 2024, and achieved commendable success in all the events: K.Corner (PPT Presentation) – *1st Prize* : A. Afrida & N. Niha Muskan.Group Discussion – *2nd Prize* : S. Nayeemmunisa .Paper Presentation (IEEE Paper) – *2nd Prize* : Karthikeyan & Kumaran. Poster Presentation – *2nd Prize* : R. Thaseen & S. Nayeemmunisa.



The students of MCA have participated in Technical Symposium held at Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University, Kanchipuram and won many prizes.

2. Karthikeyan P – II MCA has won III place in Paper Presentation-SYMPOSIM-SHINE-2024,conducted in Sacred Heart College(Autonomous),Tirupattur held on 25-09-2024.
3. Karthikeyan P – II MCA has won the STAR OF THE SHINE'24 award, conducted in Sacred Heart College(Autonomous),Tirupattur held on 25-09-2024.

4. Javid Ahmed.H and Ismail Saad.M—I MCA won II place in Webify-SYMPOSIM-SHINE-2024, held at Sacred Heart College (Autonomous),Tirupattur, on 25-09-2024.



The students of MCA have participated in Shine (Technical Symposium) held at Sacred Heart College, Tirupattur and won "Star of Shine" Award.

5. Thaseen R and Ms Amirthavalli.E from II MCA has won the III place in Paper Presentation - Technocrats'24 Technical Symposium, conducted by CSE and AI in KMG CAS Gudiyattam held on 20-09-2024.
6. Gokul .E and Ismail Saad. M from I MCA won second place in the Web Designing-Technocrats'24 Technical Symposium, conducted by CSE and AI in KMG CAS Gudiyattam on 20-09-2024.
7. Lubna Sandhiya . A and Elackya . S from I MCA won first place in the QUIZ-Technocrats'24 Technical Symposium, conducted by CS and AI in KMG CAS Gudiyattam on 20-09-2024.
8. Sanofar .S and Carolin .D from I MCA has won I Place in Photography-Technocrats'24 Technical Symposium, conducted by CSE and AI in KMG CAS Gudiyattam held on 20-09-2024.



The students of MCA have participated in International Conference held at KMG College of Arts & Science, Gudiyattam and won Overall Championship Award.

9. Thanzila.M and Jayashree.S from I MCA has won III place in Connexions in izeal-Techmeet conducted by Department of Computer Application in KMG CAS, Gudiyattam held on 18-09-



The Students of I-MCA have participated in the National Level IT Meet at KMG College of Arts & Science, Gudiyattam and won prizes. Congratulations to all.

2024.

STUDENTS EXTRA -CURRICULAR ACTIVITIES

1. Ms. S.V.Monikrishna – II MCA has won II place in BALL BADMINTON -ANNA UNIVERSITY-ZONE-6 held at APCE, Kalavai on 14-11-2024.
2. Ms. S.V.Monikrishna—II MCA participated in ATHLETICS, held at the stadium near the collector office Thiruvannamalai on 26-10-2024.
3. Ms. S.V.Monikrishna – II MCA has won III place in BALL BADMINTON -ANNA UNIVERSITY-ZONE-6 held at CAHCET, Melvisharam on 18-09-2024.
4. Ms. S.V.Monikrishna – II MCA has won III place in BALL BADMINTON -CM TROPHY held at Stayoung Sports Academy, Walaja, Ranipettai District, on 13-09-2024.

INNOVATIVE TEACHING

1.ROLE PLAY-IINOVATIVE CLASS ON IOT-FROM 7TH TO 11TH NOVEMBER-2025-II MCA/III SEM CONDUCTED BY B.S.VIJAYA BASKAR,AP/MCA.



UPCOMING EVENTS AND PROGRAMS(2024-2025-JAN TO JUNE SESSION)

- IIC Self Driven Events
- Innovative workshop on Full Stack Web Development
- Innovative Workshop on NextGen Data: Exploring NOSQL
- Farewell Day for II MCA Students hosting by I MCA
- Parents Teachers Meeting
- An Innovation and Design Contest-Project Expo 2K25
- Placement Activities

EDITORIAL BOARD

FACULTY EDITOR:MR.B.S.VIJAYA BASKAR,AP/MCA.

STUDENT EDITOR:PRADHEEP GOWTHAM K P-II MCA.

