



MIT'S
MADANAPALLE

**MADANAPALLE INSTITUTE OF
TECHNOLOGY & SCIENCE**
(UGC-AUTONOMOUS INSTITUTION)



NEWSLETTER

**DEPARTMENT OF
COMPUTER APPLICATIONS**

JULY– SEPTEMBER 2025

VOLUME 13, ISSUE 1

MESSAGE FROM THE CORRESPONDENT



Dr. N. Vijaya Bhaskar Choudary, Ph.D.,
Founder & Chancellor

WARM GREETINGS!!

I am delighted to share that the Department of Computer Applications (MCA) is coming up with the Newsletter to showcase important Departmental events, achievements, activities, research and patent publications, Industrial/academical Interactions, Workshops, etc. of the department.

This Newsletter is published to highlight the diverse talent present within the department. This will enlighten the students about the various activities of the department as well as motivate them to participate in varied events to exhibit their talent and enhance their skills. I congratulate the editorial team for their sincere effort to make this newsletter an informative document on our Department of Computer Applications activities and varied talent. The editorial team has initiated which will continue to help and guide present and upcoming students of the Department.

Personally, I feel that students of MITS are equipped to set high standards and create an environment so that they excel in their areas of interest and accordingly guide more and more students of our institution, for the future. We are committed in creating an ambiance for nurturing innovation, creativity, and excellence in our students. We aim to prepare youngsters to face the challenges of stiff competition by imparting high-quality technical education backed by appropriate training and wide exposure to state-of-art practices. Our educational programs stress all- around personality development and imbibing human values and professional ethics, which help our students become more humane and lead meaningful lives. Best Wishes for the success and bright future of this Newsletter.

MESSAGE FROM THE VICE-CHANCELLOR



Dr. C. YUVARAJ
Vice-Chancellor (I/c)

I feel delighted about the newsletter of the Department of Computer Applications of MITS.

The essential purpose of a Department Newsletter/Magazine is to inform, engage, inspire and entertain a diverse readership – including Alumni, parents, students, faculty, staff and other friends of the department and college – by inspiring them by the timely and honest portrait of the department to its extended family. This newsletter/magazine has made an earnest attempt in this direction and brought out activities of the department. I am sure the department will scale even greater heights in the years to serve the society.

On this magnanimous occasion, I congratulate all the students and faculty members of department of Computer Applications for their great efforts and coordination in bringing out the newsletter a great success

MESSAGE FROM THE HEAD OF THE DEPARTMENT



Dr. N. Naveen Kumar
Head of the Department

It gives me great pleasure to congratulate students, teachers and staff of the Department of Computer Applications for the newsletter. Newsletter is believed to be a focus of the privileged activities i.e. academics, students and faculty achievement as well as innovation occurring in the department. In this connection, this newsletter will motivate the teachers and students for sharing their creativity and new ideas with the world and will help in their overall development. I advise the students that as the demand of skill is increasing day by day, join hands to enhance your skills and portrair them in a technical forum. I wish best of luck for all the team members for publication of newsletter.

MESSAGE FROM THE EDITORIAL BOARD



Dr. M. Saravanamuthu
Associate Professor

It gives immense pleasure to introduce this Newsletter of the Department of Computer Applications to the readers. We are grateful to our Principal and HOD for giving this opportunity to create newsletter. It has been a teamwork and learning experience to us. We would like to extend our gratitude to all staff who supported us during the making of this newsletter. We are thankful to all those who supported us directly and indirectly.

STUDENT EDITORS



Manohar Basappagari
(24691F00E3)
Student



**Pedda Siddareddy
Nallapureddygar**
(24691F00H8)
Student



Mounika L
(24691F00E9)
Student

ABOUT MITS



Madanapalle Institute of Technology & Science is established in 1998 in the picturesque and pleasant environs of Madanapalle and is ideally located on a sprawling 26.17 acre campus on Madanapalle - Anantapur Highway (NH-205) near Angallu, about 10km away from Madanapalle. MITS, originated under the auspices of Ratakonda Ranga Reddy Educational Academy under the proactive leadership of and Dr. N. VijayaBhaskar Choudary, Secretary & Correspondent and Sri. N. Krishna Kumar, Chairman of the Academy.

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The Department has grown from strength to strength since its inception in 2004. It offers 2-year MCA programme. These programmes are fully governed by AICTE, New Delhi and affiliated to JNTU Ananthapuramu. The Department is dedicated to the mission of inculcating value-based, socially committed professionalism to the cause of overall development of students and society. It promotes the prime objective of educating and preparing students as dynamic, competent and knowledgeable professionals. Excellent academic results, high-end computer labs, well-defined and documented academic and administrative processes and student counselling sessions (personal and academic) are the core strength of the department.

The Department obtained UGC-Autonomous Status in the year 2014 and is running the programmes successfully by meeting all the requirements. The College Academic Council, Board of Studies of the department strive to provide quality education and most advanced curriculum to make the students industry-ready and excel in the contemporary business world.

The department is frequently organizing Faculty Development Programs, Conferences, Seminars, Symposium and workshops on various emerging areas and technologies. The guest lectures are arranged, eminent professors and industry resource persons are invited from reputed IT industries, top ranked Universities. All the qualified and competent students are placed in renowned organizations, both national and international. Despite maintaining global standards in teaching and learning, successful placement in different renowned organizations and consistent 100% admission in the department are the hallmarks of the department. The M.C.A. Programme under Department of Computer Applications was Accredited by the National Board of Accreditation (NBA) of All India Council for Technical Education (AICTE).

VISION

To be a center of Excellence in Computer Applications through academic Excellence, innovative research, digital transformation, ethical values and Community engagement, nurturing globally competent. Industry ready, and socially responsible professional for sustainable development.

MISSION

- M1 : Deliver quality and inclusive education through an industry –aligned curriculum, experimental learning, emerging technologies, and continuous curriculum development to develop competent computing professionals.
- M2 : Foster research excellence, innovation, entrepreneurship, interdisciplinary collaboration, and lifelong learning through projects, funded research, publications, and consultancy, incubation and industry partnerships.
- M3 : Develop ethical leadership, professional competence. Global perspectives. communication skills, teamwork, and social responsibility by promoting community engagement, sustainable development, and responsible computing practices.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

PEO1: Excel in the software industry with the application of comprehensive knowledge and skills.

PEO2: Contribute by building innovative and sustainable solutions to the problems in the IT industry.

PEO3: Become successful professionals, exhibiting social responsibility leading to lifelong learning..

PROGRAMME OUTCOMES (POS)

PO1	Foundation Knowledge: Apply knowledge of mathematics, programming logic and coding fundamentals for solution architecture and problem solving.
PO2	Problem Analysis: Identify, review, formulate and analyse problems for primarily focusing on customer requirements using critical thinking frameworks.
PO3	Development of Solutions): Design, develop and investigate problems with as an innovative approach for solutions incorporating ESG/SDG goals.
PO4	Modern Tool Usage: Select, adapt and apply modern computational tools such as development of algorithms with an understanding of the limitations including human biases.
PO5	Individual and Teamwork: Function and communicate effectively as an individual or a team leader in diverse and multidisciplinary groups. Use methodologies such as agile.
PO6	Project Management and Finance: Use the principles of project management such as scheduling, work breakdown structure and be conversant with the principles of Finance for profitable project management.
PO7	Ethics: Commit to professional ethics in managing software projects with financial aspects. Learn to use new technologies for cyber security and insulate customers from malware.
PO8	Life-long learning: Change management skills and the ability to learn, keep up with contemporary technologies and ways of working.

EVENTS ORGANISED BY THE DEPARTMENT



One Day Helping Hands Program at Chaitanya Ashram, Madanapalle, on 18.07.2025.

I MCA students actively participated in a crowdfunding initiative and visited the ashram to support orphaned and underprivileged children. The students interacted with the children, motivated them to pursue education, and distributed groceries along with a nutritious lunch to nearly 100 children.



Two-Day Guest Lecture on 'Clinical Image Classifications using Deep Learning Models' was organized by the Department of Computer Applications from 10.07.2025 to 11.07.2025 in Seminar Hall-A. A total of 180 students from I MCA attended the program.

Resource Person Details: Dr. P. Shanmuga Vadivu, Senior Professor, Department of Computer Science & Applications, The Gandhigram Rural Institute (Deemed to be University), Gandhigram, Tamilnadu – 624 302.

EVENTS ORGANISED BY THE DEPARTMENT

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC - AUTONOMOUS INSTITUTION)
Madanapalle - 517325, Annamayya Dist., Andhra Pradesh, India

Five-Day Faculty Development Program
on
"Foundations of Blockchain and Solidity: A Practical Workshop"

Jointly Organized by
CSE-AI Department and PAARC Cell at MITS, Madanapalle.

Date: 12th July to 16th July, 2025
Session 1: 10:00 AM - 12:30 PM
Session 2: 02:00 PM - 4:30 PM
Mode: Online
Registration Link: <https://forms.office.com/r/1W8emMX7>
Registration Fee: ₹250/-

Resource Persons

Dr. K. Chokkanathan Assoc. Professor & Head Dept. of CSE-AI MITS, Madanapalle.	Mr. G. R. Hemanth Kumar Asst. Prof. Dept. of MCA MITS, Madanapalle.

Chief Patron: Dr. N. Vijaya Bhaskar Choudary, Secretary & Correspondent
Patron: Mrs. Keerthi Nadella, Executive Director
Program Chair: Dr. C. Yuvraj, Principal
coordinators: Mr. K. Mahammad, Asst. Prof. Dept. of CSE(AI); Mr. P. Hanish, Asst. Prof. Dept. of MCA

www.mits.ac.in



Five-day Faculty Development Program on "Foundations of Blockchain and Solidity: A Practical Workshop" Organized by Department of Computer Science and Engineering- Artificial Intelligence in association with Department of Computer Applications from **12.07.2025 to 16.07.2025**

Resource Person:

Dr. K. Chokkanathan, Assoc. Professor & Head, Dept of CSE(AI) and Mr. G. R. Hemanth Kumar, Assistant Professor, Department of MCA

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MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
DEEMED TO BE UNIVERSITY
(under section 3 of UGC Act, 1956)
Annamayya District, Andhra Pradesh, India. ESTD. 1998

Heartily Welcomes to Freshers

ORIENTATION PROGRAM
for
MBA & MCA Students
3rd September 2025

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INVITATION
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Annamayya District, Andhra Pradesh, India. ESTD. 1998

Cordially invites you to the Inaugural Function of
The Orientation Program 2025
for **MBA, MCA & M.Tech students**

Chief Guest
Dr. Siva Mahesh Tangutooru
Co-founder and Director of International Startup Foundation (ISF)

Date & Time
3rd September 2025, Wednesday @10.00 AM

Venue:
MITS Auditorium
MITS DEEMED TO BE UNIVERSITY

Dr. N. Vijaya Bhaskar Choudary, Founder & Chairman
Dr. C. Yuvraj, Vice-Chancellor
Dr. N. Dwarakanath, Dean, Chennai
Dr. D. Pradeep Kumar, Registrar
Mrs. Keerthi Nadella, Secretary (Acad.)

The Department of MCA, MITS–Deemed to be University, in association with the Department of MBA, organized the **Orientation-cum-Induction Program 2025** on **03.09.2025 to 12.09.2025** for the I-Year PG students.

Resource Person:

Dr. Siva Mahesh Tangutooru, Co-founder & Director, International Startup Foundation (ISF), Bengaluru.



EVENTS ORGANISED BY THE DEPARTMENT

Alumni Guest Lecture on Innovation in Action: Productivity Hacks for Successful Life Organized by Department of Computer Applications In association with **MITS Alumni Welfare Association** on **11.09.2025**

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
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under section 3 of UGC Act, 1956
Madanapalle - 517325, Annamayya Dist., Andhra Pradesh, India

Induction program - 2025

Innovation in Action: Productivity Hacks for Successful Life
organized by
Department of Computer Applications

Resource persons

Date : 11th Sept - 2025
Time : 10.00 AM
Venue : Seminar Hall - A

Mr. Bavaji Doraginti
Senior Technical Specialist
LTI Mindtree

Ms. Bisala umapriya
Packaged App Development Analyst
Accenture

Ms. Sithragithu Ramthu
Packaged App Development Analyst
Accenture

Chief Patron Dr. N. Vijaya Bhaskar Choudary Founder and Chancellor	Patron Mrs. Keerthi Nadella Executive Director	Program Chair Dr. C. Yuvraj Vice Chancellor (Ec)	Co - Chair Dr. D. Pradeep Kumar Registrar (Ec)	Convener Dr. N. Narasa Kumar HoD, Dept. of MCA	Coordinator Mr. S. Suresh Asst. prof, MCA
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Alumini Details:

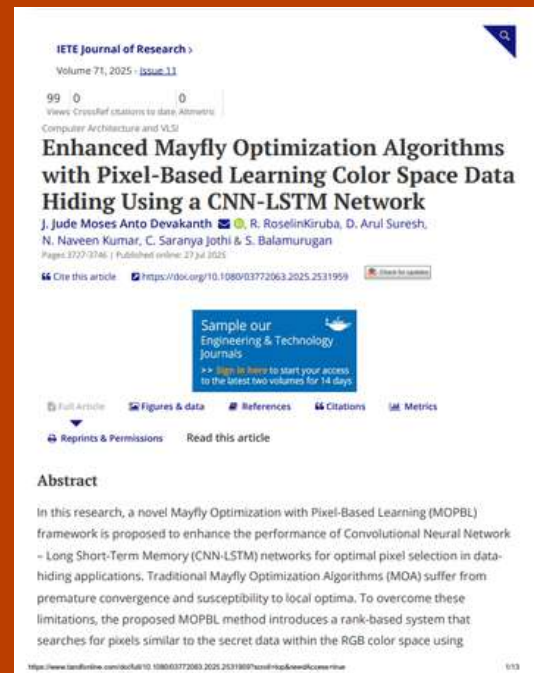
- Mr. Bavaji Doraginti – Senior Technical Specialist, LTI Mindtree
- Ms. Bisala Umapriya – Packaged App Development Analyst, Accenture
- Ms. Sithragithu Ramthu – Packaged App Development Analyst, Accenture

FACULTY PUBLICATIONS

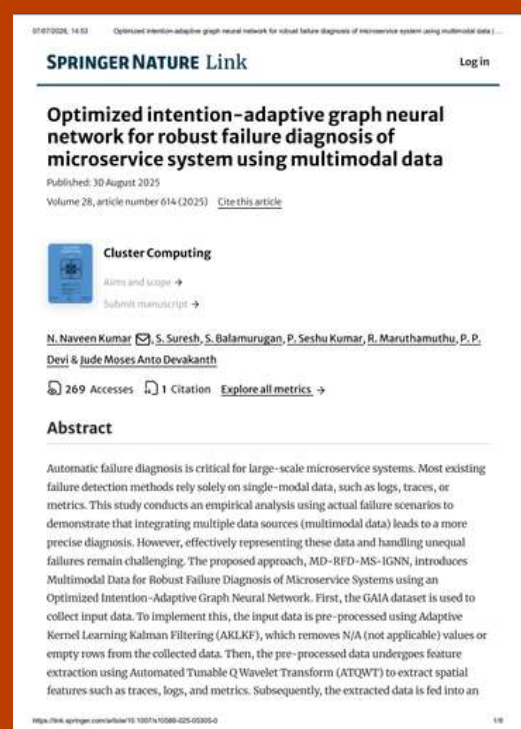
ARTICLE PUBLICATIONS



Dr. N. Naveen Kumar, Associate Professor & Head, Department of Computer Applications, published a research article titled "QuantumResist: Integrating Shor's Algorithm, Lattice-Based Cryptography, and Quantum Error Correction for Enhanced Secure Communication in Post-Quantum Cryptography" in the prestigious journal **The Journal of Supercomputing** (Volume 81, Article 1391, 2025).



Dr. J. Jude Moses Anto Devakanth, Assistant Professor, and Dr. N. Naveen Kumar, Associate Professor & Head, Department of Computer Applications, published a research article titled "Enhanced Mayfly Optimization Algorithms with Pixel-Based Learning Color Space Data Hiding Using a CNN-LSTM Network" in the **IETE Journal of Research**.



Dr. N. Naveen Kumar, Associate Professor & Head, Dr. Maruthamuthu, Assistant Professor, and Dr. J. Jude Moses Anto Devakanth, Assistant Professor, Department of Computer Applications, published a research article titled "Optimized Intention-Adaptive Graph Neural Network for Robust Failure Diagnosis of Microservice System Using Multimodal Data" in the **Cluster Computing** (Volume 28, Article 614, 2025).



Dr. Maruthamuthu, Assistant Professor, and Dr. N. Naveen Kumar, Associate Professor & Head, Department of Computer Applications, published a research article titled "Enhanced Water Quality Index Prediction and Classification Using a Dual-Key Convolutional Transformer Autoencoder Network Optimized by Poplar Optimization Algorithm (DKCTAN-POA)" in the **International Journal of Information Technology (Springer Nature)** on September 2025

FACULTY PUBLICATIONS

ARTICLE PUBLICATIONS

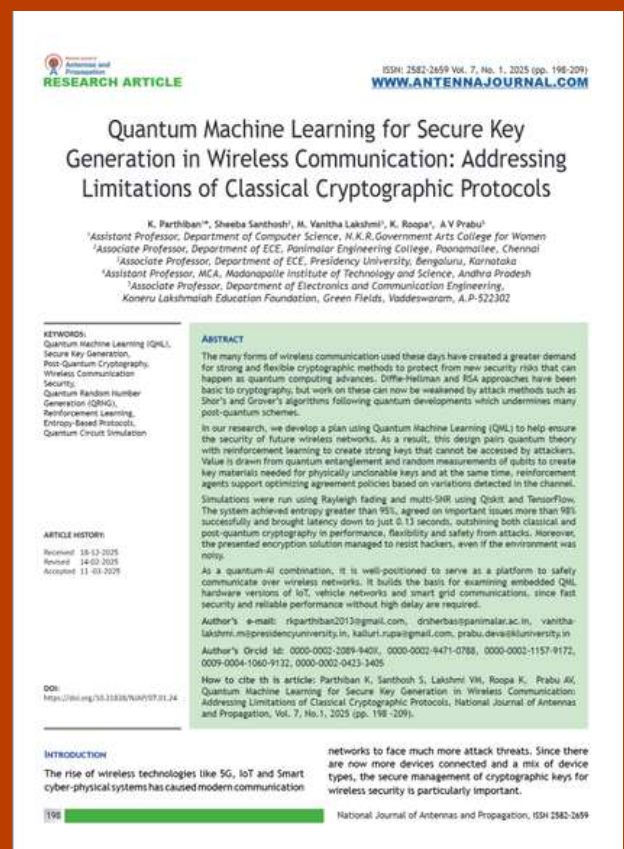


Dr. N. Naveen Kumar, Associate Professor & Head, Department of Computer Applications, published a conference paper titled “Robust Data Hiding in Moving Object Videos Using Generalized Error Modification Detection (GEMD)” in the book *Innovations in Data Engineering: Sustainability for Societal and Industrial Impact (ICDECT 2024)*, published by Springer in the *Lecture Notes in Networks and Systems (LNNS)*, Volume 1362.



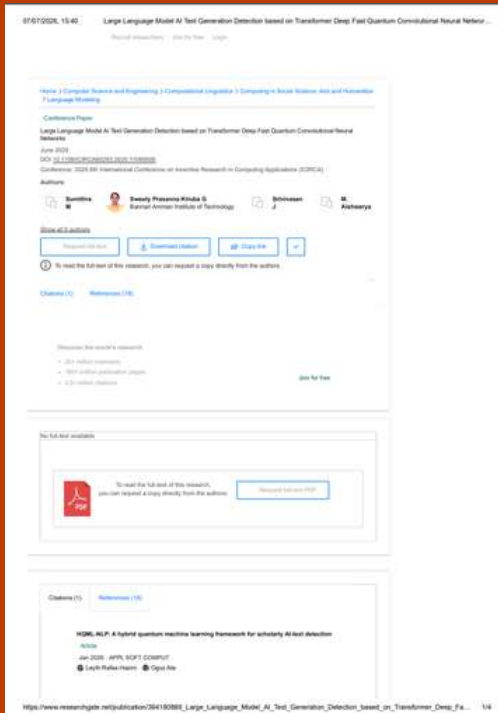
Dr. Althaf Ali A, Assistant Professor, Department of Computer Applications, published a research article titled “Synergizing IoT and Machine Learning for Diabetic Foot Ulcer Detection and Management” in the *International Journal of System Assurance Engineering and Management* (Volume 16, Pages 3614–3625, 2025).

Ms. Roopa A, Assistant Professor, Department of Computer Applications, published a research article titled “Quantum Machine Learning for Secure Key Generation in Wireless Communication: Addressing Limitations of Classical Cryptographic Protocols” in the *National Journal of Antennas and Propagation*



FACULTY PUBLICATIONS

IEEE CONFERENCE



Dr. J. Srinivasan, Assistant Professor, Department of Computer Applications, published a conference paper titled “Large Language Model AI Text Generation Detection Based on Transformer Deep Fast Quantum Convolutional Neural Networks” in the **2025 6th International Conference on Inventive Research in Computing Applications (ICIRCA 2025)**.



Dr. J. Jude Moses Anto Devakanth, Assistant Professor, Department of MCA, published **three IEEE conference papers in 2025**: “Exploring Smart Room Automation: An IoT-Based Vision-Driven Zonal Control Approach for Energy Efficiency” at ICIRCA 2025, “Context Aware Approach for Server Scheduling Process in Machine Learning” at ICCSAI 2025, and “Large Language Model AI Text Generation Detection Based on Transformer Deep Fast Quantum Convolutional Neural Networks” at ICIRCA 2025, demonstrating his research contributions in the areas of IoT, Artificial Intelligence, Machine Learning, and Smart Computing.

FACULTY PUBLICATIONS

BOOK CHAPTER



Dr. J. Jude Moses Anto Devakanth, Assistant Professor, Department of MCA, published a book chapter titled "Generative AI in Text and Multi-Language Adaptation Processing for Digital Media" with IGI Global Scientific Publishing in 2026, contributing to advancements in Generative Artificial Intelligence and multilingual digital media processing.

PATENT GRANTED



Dr. N. Nirmala Devi, Assistant Professor, Department of MCA, was granted a Design Registration (No. 450379-001) for an innovative Electric Vehicle Charging Station on 17 July 2025

RESOURCE PERSON



Dr. T. Saravanan, Associate Professor, Department of Computer Applications, received a Certificate of Appreciation for his valuable contribution as a Speaker at the 17th National Research Workshop on "AI Meets Analytics: The Future of Data Science" held on 26.09. 2025.

FACULTY PARTICIPATIONS

FACULTY DEVELOPMENT PROGRAMME(FDP)

Mr. Satharla Suresh, Assistant Professor of MCA has attended in Five-Days Professional Development Programme on UI/UX Design conducted by Madanapalle Institute of Technology & Science, Madanapalle from **30.06.2025 to 04.07.2025**.



Mr. Palahanok, Assistant Professor of MCA has attended in Five-Days Faculty Development Programme on Innovation and Entrepreneurship conducted by AICTE and MoE's Innovation Cell, and hosted by the School of Computer Science & IT, JAIN (Deemed-to-be University) from **14-07-2025 to 18-07-2025**.



Ms. S. Suganya, Assistant Professor of MCA has attended in Six-Days Faculty Development Programme on AI impact on Transforming Software, Robotics, Electrical, Electronics & Mechanical conducted by Dhaanish Ahmed College of Engineering, Chennai from **21.07.2025 to 26.07.2025**.

Dr. K. Radhika, Assistant Professor of MCA has attended in Five-Days Professional Development Programme on Emerging Research Skills: AI Tools, Plagiarism Reduction & Ethical Publishing" conducted by SRM Institute of Science and Technology, Chennai from **22.07.2025 to 27.07.2025**.



FACULTY PARTICIPATIONS



Dr. T. Saravanan, Assistant Professor of MCA has acted as a Resource Person in the Five-Days Faculty Development Programme on Innovative Tools and Methods in Emerging Technology-Driven Research Organized by Vels Institute of Science, Technology and Advanced Studies(VISTAS) chennai from **10.08.2025 to 14.08.2025**.

WORKSHOP /WEBINAR



Dr. Dilwar Hussain Barbuiya, Assistant Professor, Department of MCA, attended the NEP Orientation and Sensitization Programme under the Malaviya Mission Teacher Training Programme (MM-TTP), conducted by Coimbatore Institute of Technology (CIT), from **10.09.2025 to 19.09.2025**.

Ms. S. Suganya, Assistant Professor of MCA has attended in Online Workshop on AI for Everyone: A Beginner's Guide organized by Reccsar Pvt. Ltd on **28.09.2025**.



Ms. K. Kavitha, Assistant Professor, Department of MCA, participated in the Quantum Computing Programme conducted by Quality Thought on **30.08.2025**.

FACULTY ACHIEVEMENTS

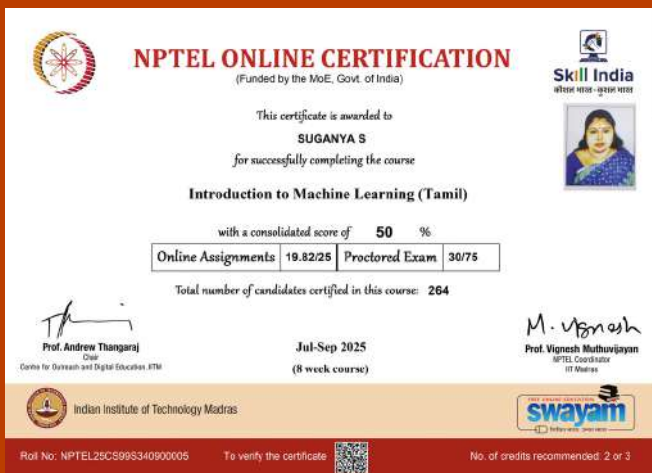


Mr. J. Jude Moses Anto Devakanth, Assistant Professor, Department of MCA, successfully completed the NPTEL Online Certification Course on “Introduction to Operating Systems” during the July–September 2025.

Mr. Sivaraj c, Assistant Professor, Department of MCA, successfully completed the NPTEL Online Certification Course on “Introduction to Operating Systems” during the July–September 2025.



Ms. Suganya, Assistant Professor, Department of MCA, successfully completed the NPTEL Online Certification Course on “Introduction to Machine Learning(Tamil)” during the July–September 2025.



Dr. J. Jude Moses Anto Devakanth, Assistant Professor, Department of MCA, served as a peer reviewer for book chapter manuscripts in the publication “AI Advancements in Internet of Things and Intelligent Devices” by IGI Global Scientific Publishing during July 2025

STUDENT ACHIEVEMENTS IN CONFERENCE



K. Vasundhara successfully presented the research paper titled “Particle Matter Prediction using Dual Attention Bidirectional Long Short-Term Memory” at the 3rd International Conference on Sustainable Computing and Smart Systems (ICSCSS 2025), organized by Hindusthan College of Engineering and Technology, Coimbatore, on 20–22 August 2025.

S. Salma, successfully presented the research paper titled “Smart Loan Processing and Customer Eligibility Prediction Using Machine Learning” at the 6th International Conference on Engineering, Social Sciences and Humanities (ICSSU-2026), held on 27–28 April 2026 in Manila, Philippines.



STUDENT SCHOLARSHIP DETAILS

S.No.	Name of the Agency	No. of Students	Amount
1	Sr Jindal	47	₹ 1,666,900.00
2	HDFC Scholarship	34	₹ 2,550,000.00
3	Mirai Assent Scholarship	1	₹ 50,000.00
4	NSP Scholarship	7	₹ 2,100,000.00
Total		89	₹ 6,366,900.00

EDITORIAL BOARD

Chief Editor :

Dr. N. Naveen Kumar, HoD / MCA

Faculty Editor :

Dr. M. Saravanamuthu, Asso.Prof., MCA

Student Editors :

Manohar Basappagari, II MCA,
Pedda Siddareddy Nallapureddygar, II MCA
Mounika L, II MCA

The logo for MCA (MCA) is a large, stylized yellow cloud-like shape with three overlapping circles. The letters 'MCA' are written in white, bold, sans-serif font across the center of the cloud.

MCA



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NEWSLETTER

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OCTOBER – DECEMBER 2025

VOLUME 13, ISSUE 2

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Dr. K. Prathapchandran
Assistant Professor

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Mounika L
(24691F00E9)
Student

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- M3 : Develop ethical leadership, professional competence. Global perspectives. communication skills, teamwork, and social responsibility by promoting community engagement, sustainable development, and responsible computing practices.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

PEO1: Excel in the software industry with the application of comprehensive knowledge and skills.

PEO2: Contribute by building innovative and sustainable solutions to the problems in the IT industry.

PEO3: Become successful professionals, exhibiting social responsibility leading to lifelong learning..

PROGRAMME OUTCOMES (POS)

PO1	Foundation Knowledge: Apply knowledge of mathematics, programming logic and coding fundamentals for solution architecture and problem solving.
PO2	Problem Analysis: Identify, review, formulate and analyse problems for primarily focusing on customer requirements using critical thinking frameworks.
PO3	Development of Solutions): Design, develop and investigate problems with as an innovative approach for solutions incorporating ESG/SDG goals.
PO4	Modern Tool Usage: Select, adapt and apply modern computational tools such as development of algorithms with an understanding of the limitations including human biases.
PO5	Individual and Teamwork: Function and communicate effectively as an individual or a team leader in diverse and multidisciplinary groups. Use methodologies such as agile.
PO6	Project Management and Finance: Use the principles of project management such as scheduling, work breakdown structure and be conversant with the principles of Finance for profitable project management.
PO7	Ethics: Commit to professional ethics in managing software projects with financial aspects. Learn to use new technologies for cyber security and insulate customers from malware.
PO8	Life-long learning: Change management skills and the ability to learn, keep up with contemporary technologies and ways of working.

EVENTS ORGANISED BY THE DEPARTMENT

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
DEEMED TO BE UNIVERSITY
under section 3 of UGC Act, 1956
Madanapalle - 517325, Annamayya Dist., Andhra Pradesh, India

Department of Computer Applications
organizes
One day workshop on
"Digital Transformation & Business Applications for India"

Resource Person
Dr. R. Siva Shankar
Faculty, Computer Science
International College of Digital Innovation
Chiang Mai University, Thailand

Date : 17.10.2025 Venue: Seminar Hall - A

Chief Patron Dr. N. Vijaya Bhaskar Choudary
Founder & Chancellor

Patron Mr. N. Dwarkanath
Pro Chancellor

Program Chair Dr. C. Yuresh
Vice Chancellor (Ac)

Coordinator Dr. C. Suresh
Assoc. Professor, MCA

www.mits.ac.in Follow Us on:



One Day Workshop on "Digital Transformation and Business Applications for India" on 17.10.2025.

Resource Person:

Dr. Siva Shankar Ramasamy, Faculty, Computer Science International College of Digital Innovation, Chiang Mai University, Thailand.

The workshop provided valuable insights into emerging digital technologies, business innovation, and the opportunities presented by the evolving digital landscape.



Alumni Guest Lecture on "Transforming Data into Insights: Career Opportunities and Industry Trends in Business Intelligence" held on 01.11.2025 for the I MCA Students at Seminar Hall - A.

Resource Person :

Ms. Thalla Thasmiya, BI Developer, Koch Business Solutions Pvt. Ltd., Bangalore.

The Alumni Guest Lecture provided valuable industry insights, inspiring MCA students to enhance their Business Intelligence skills and career readiness.

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
DEEMED TO BE UNIVERSITY
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Madanapalle - 517325, Annamayya Dist., Andhra Pradesh, India

Alumni Talk
on
"Transforming Data into Insights : Career Opportunities and Industry Trends in Business Intelligence"

Organized by
Department of Computer Applications
in association with **MITS Alumni Welfare Association (MITS AWA)**

Date : 01/11/2025 Time : 10:00 AM - 11:00 AM Venue : Seminar Hall - B

Resource Person
Ms. Thalla Thasmiya
BI Developer
Koch Business Solutions Pvt Ltd, Bengaluru.

Chief Patron Dr. N. Vijaya Bhaskar Choudary
Founder & Chancellor

Patron Mrs. Keerthi Nadella
Executive Director

Program Chair Dr. C. Yuresh
Vice Chancellor (Ac)

Coordinator Dr. N. Narasa Kumar
HOD Dept. of MCA

Coordinator Dr. G. Naga Jeevika
Asst. Prof/ARO

Coordinator Mr. S. Suresh
Asst. Prof/ Dept. of MCA

www.mits.ac.in

EVENTS ORGANISED BY THE DEPARTMENT



One-Day Workshop on "AI in Education: Shaping the Next-Gen Learners" held on **11.11.2025** at Seminar Hall - A.

Resource Person:

Dr. Vignesh Ramamoorthy H, Program Lead & Associate Professor, Computer Applications Data Science Cyber Security, Amity University Bangalore.

The workshop equipped students with practical AI knowledge, inspiring innovation, critical thinking, and greater interest in AI-enabled education and emerging technologies.



One-Day Workshop on "DevOps Journey on Cloud AWS" held on **21.11.2025** for the I MCA Students at Seminar Hall - B.

Resource Person: Mr. Clyton George Paul A, Corporate IT-Trainer, Wingz Technologies, Chennai.

Students gained knowledge of DevOps principles and hands-on experience in building CI/CD pipelines using AWS cloud services. The workshop enhanced students' cloud computing skills and strengthened their readiness for industry-oriented software development practices.

EVENTS ORGANISED BY THE DEPARTMENT



One Day Workshop on "Full Stack Web Development" held on 29.11.2025.

Resource Person:

Dr.Thanapal P, Professor & HoD , School of Computer Science Engineering and Information Systems, VIT-Vellore.

Students gained hands-on experience in writing real-time code and building simple full-stack applications.



Three Day Workshop on "Career++: Java TechTrek - Journey from Java to Cloud" from 04-12-2025 to 06-12-2025.

Resource Person:

Mr. K. V. Subba Reddy, Corporate Trainer and Founder of Dhruva SoftTech.

The workshop was successfully conducted and strengthened students' practical skills in Java and modern development tools. It provided valuable hands-on learning and encouraged students to explore advanced technologies.

FACULTY PUBLICATIONS

ARTICLE PUBLICATIONS

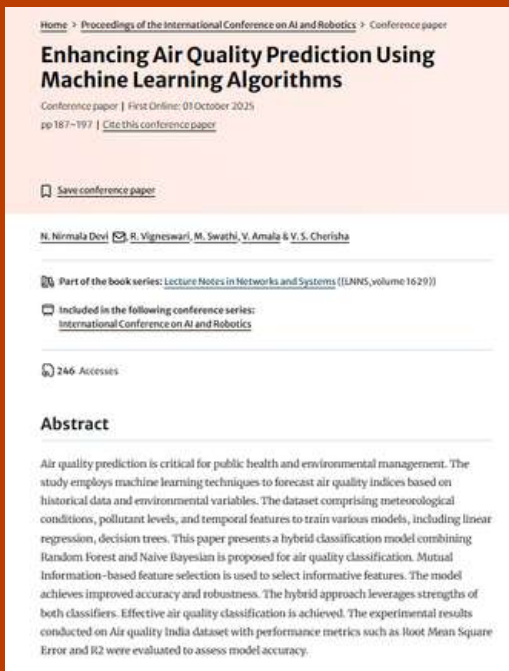


Dr. Maruthamuthu, Assistant Professor, and Dr. N. Naveen Kumar, Associate Professor & Head, Department of Computer Applications, published a research article titled “Enhanced Water Quality Index Prediction and Classification Using a Dual-Key Convolutional Transformer Autoencoder Network Optimized by Poplar Optimization Algorithm (DKCTAN-POA)” in the **International Journal of Information Technology (Springer Nature)** on December 2025

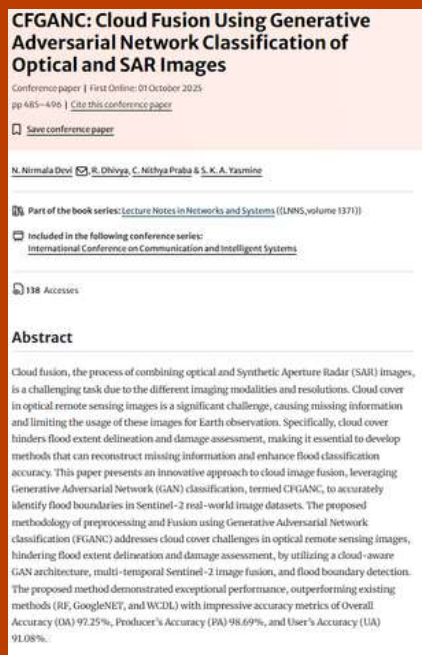


Dr. J. Srinivasan, Assistant Professor, Department of Computer Applications, published a research paper titled “Hierarchical Clustering and Dimensionality Reduction for SARS-CoV-2 Genome Analysis Across Highly Affected” in the **2025 Informatica** on December 2025.

IEEE CONFERENCE



Dr. N. Nirmala Devi, Assistant Professor, Department of Computer Applications, published a conference paper titled “Enhancing Air Quality Prediction Using Machine Learning Algorithms” in the **International Conference on AI and Robotics**, Springer Nature published by **Springer in the Lecture Notes in Networks and Systems (LNNS)**, on October 2025.



Dr. N. Nirmala Devi, Assistant Professor, Department of Computer Applications, published a conference paper titled “CFGANC: Cloud Fusion using Generative Adversarial Network Classification of Optical and SAR Images” in the **Communication and Intelligence Systems**, Springer Nature published by **Springer in the Lecture Notes in Networks and Systems (LNNS)**, on October 2025.



Dr. J. Jude Moses Anto Devakanth, Assistant Professor, Department of MCA, published a **IEEE conference paper titled “Automatic Health Monitoring From Multi-View Images of Cattles Using Fuzzy Logic”** On December 2025.

IEEE CONFERENCE



Dr. N. Nirmala Devi, Assistant Professor, Department of Computer Applications, published a conference paper titled “ Comparison of Deep Learning and Machine Learning Techniques for Detecting Epileptic Seizure using EEG Signals” in the International Conference on Automation, Computing and Renewable Systems(ICACRS 2025) organized by Mount Zion College of Engineering and Technology,Pudukkottai on 10.12.2025.

BOOK CHAPTER



Dr. K. Prathapchandran, Assistant Professor,
Department of MCA, published a book
chapter titled “Security, Privacy, and Trust in
AI-IoT Integrated Smart Systems” with **IGI
Global Scientific Publishing** in 2025.



Ms. S. Suganya, Assistant Professor, Department of Computer Applications, authored a book chapter on “NLP-based cybersecurity strategies for e-commerce” in the IGI Global book AI-Driven Security and Intelligence in Cloud and Internet of Things Systems.

FACULTY PARTICIPATIONS

FACULTY DEVELOPMENT PROGRAMME(FDP)

Dr. R. Maruthamuthu, Assistant Professor, Department of Computer Applications, completed the AICTE-ATAL Faculty Development Programme on Cyber Shield 360°: A Comprehensive Workshop on Cybersecurity Practices and Threat Management" conducted by MES Senior College, Pune from 24.11.2025 –29.11.2025.



Dr. R. Maruthamuthu, Assistant Professor, Department of Computer Applications, successfully completed a 6-Day Faculty Development Programme on "Emerging Trends and Challenges in Cyber Security" organized by the Department of Computer Science and Engineering, Guru Nanak Institute of Technology, Hyderabad, held from 10.11.2025–15.11.2025.

Dr. K. Prathapchandran, Assistant Professor, Department of Computer Applications, successfully completed the NEP 2020 Orientation & Sensitization Programme under the UGC Malaviya Mission Teacher Training Programme (MM-TTP), organized by Coimbatore Institute of Technology (CIT), from 22–31 October 2025



Dr. N. Nirmala Devi, Assistant Professor, Department of Computer Applications, successfully completed a Faculty Development Programme on "Systematic Literature Review & Article Writing with AI Support" organized by the Department of Research & Publications, A2Z EdulearningHub on 03.11.2025–04.11.2025.

FACULTY PARTICIPATIONS



Mr. Pala Hanok & Ms. K. Kavitha, Dr. N. Niramal Devi, Assistant Professor, Department of Computer Applications, successfully completed the AICTE Training and Learning (ATAL) Academy Faculty Development Programme on "Robotics for Industry 4.0: Enabling Smart Manufacturing", organized by Sri Venkateswara College of Engineering, from 17.11.2025–22.11.2025.

Mrs. S. Suganya, Assistant Professor, Department of Computer Applications, completed the One-Week National Level Faculty Development Programme on "Recent Trends in Artificial Intelligence – Digital Era" conducted by SRM Institute of Science and Technology, Chennai, from 06.10.2025–11.10.2025.



Ms. Kudumu Kavitha, Assistant Professor, Department of Computer Applications, successfully participated in the Two-Week International Online Faculty Development Programme on "Artificial Intelligence and IoT: Challenges and Future Opportunities", organized by the School of Computing, SRM Institute of Science and Technology, Tiruchirappalli, from 17.11.2025 – 29.11.2025.

Ms. S. Suganya, Assistant Professor, Department of Computer Applications, successfully participated in the 5-Day Virtual International FDP on "Emerging Frontiers in Generative AI and Deep Learning", organized by the MEASI Institute of Information Technology from 24.11.2025 – 28.11.2025.



FACULTY PARTICIPATIONS

WORKSHOP /WEBINAR



Ms. Kudumu Kavitha, Assistant Professor, Department of Computer Applications, actively participated in the webinar "Getting Started with ServiceNow: The Future of IT Service Management", organized by NeuroFinch EdTech, Bengaluru on 30.11.2025.



Dr. Saravanan, Assistant Professor, Department of MCA, attended the "AI-Enabled Data Analytics Career for Working Professionals" conducted by WsCUBE Tech, from 10.09.2025 to 11.11.2025.



Dr. K. Nirmala Devi, Associate Professor, Department of MCA, participated the workshop on "Kaggle Toolkit for Academics - Datasets for Research & Practice" organized by the Department of Research & Publications, A2Z EduLearningHub on 15.12.2025.

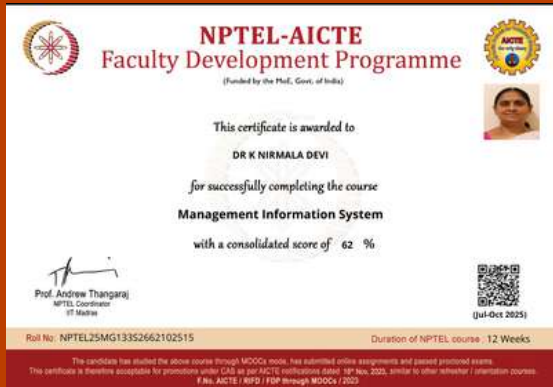


Dr. Saravanamuthu and Ms. Suganya S, Assistant Professor, Department of MCA, participated the in "IPR Awareness Programme" under National Intellectual Property Awareness Mission on 11.12.2025.



Ms. S.Suganya, Assistant Professor, Department of Computer Applications, successfully participated in the webinar on "Accelerated Computing for AI" held on 06.12.2025.

FACULTY ACHIEVEMENTS



Dr. K. Nirmal Devi, Associate Professor & Mr. Pala Hanok, Assistant Professor, Department of MCA, successfully completed the NPTEL Online Certification Course on “Management Information Systems” during the July–October 2025.



Dr. N. Nirmala Devi, Assistant Professor, Department of MCA, successfully completed the NPTEL Online Certification Course on “Operating System Fundamentals” during the July–October 2025.

Dr. J. Srinivasan, Assistant Professor, Department of MCA, successfully completed the NPTEL Online Certification Course on “Programming in Java” during the July–October 2025.



Ms. K.Kavitha, Assistant Professor, Department of MCA, received a NPTEL Online Mentor Certification Course on “Management Information System” during the July–October 2025.

FACULTY ACHIEVEMENTS



Dr. K. Prathapchandran, Assistant Professor, Department of MCA, has been honored with Reviewer Certificates by Springer Nature and IJECS for his exemplary contribution to the peer-review process, demonstrating his active engagement in global research and scholarly publishing 2025.



Dr. J. Srinivasan, Assistant Professor, Department of MCA, has been honored with Reviewer Certificates in the International Conference on Advanced Network Technologies and Intelligent Computing (ANTIC-2025) organized by Department of Information Technology, ABV-IITM, Gwalior, India from 21.12.2025 to 23.12.2025.



Ms. K. Kavitha, Assistant Professor, Department of MCA, has been honored with Reviewer Certificates in the International Conference on Signal Processing, Computation, Electronics, Power and Telecommunications (IConSCEPT 2025) organized by NIT Puducherry, from 06.12.2025 to 07.12.2025.

FACULTY ACHIEVEMENTS



Dr. R. Maruthamuthu, Assistant Professor, Department of Computer Applications, received the prestigious NPTEL Discipline Star recognition from IIT Madras for excellence in completing multiple NPTEL courses in the July–December 2025.

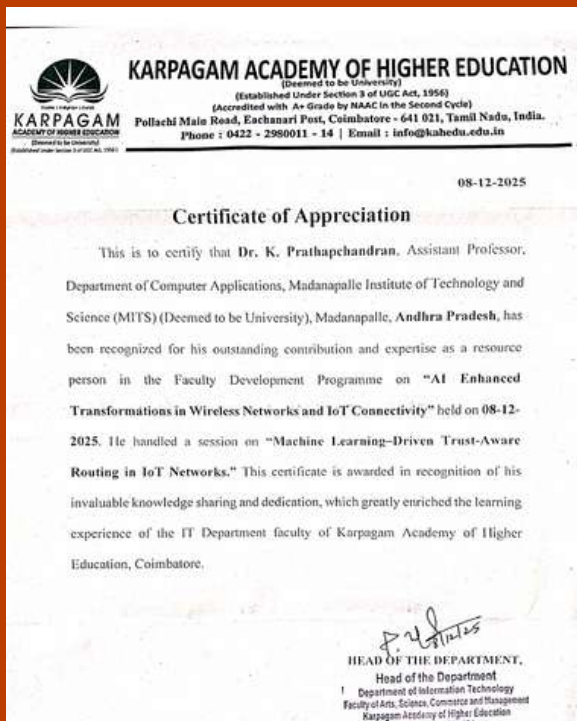


Dr. R. Maruthamuthu, Assistant Professor, Department of Computer Applications, earned the prestigious SWAYAM–NPTEL Domain Certification in Cyber Security from IIT Madras in October 2025

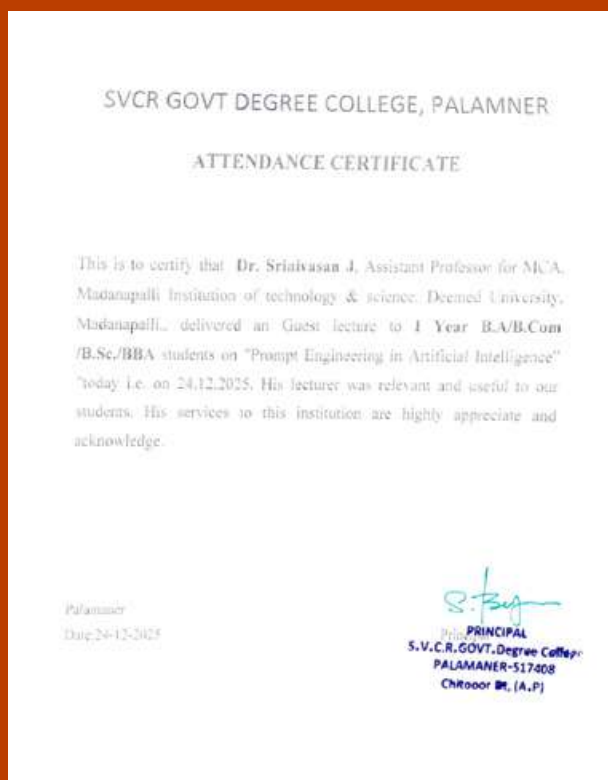


Dr. K. Prathapchandran, Assistant Professor, Department of Computer Applications, acted as resource person in the FDP on “AI Enabled Transformations in Wireless Networks and IoT connectivity” session on “Machine Learning- Driven Trust Aware Routing in IoT Networks” organized by Karpagam Academy of Higher Education on 08.12.2026.

FACULTY ACTED AS A RESOURCE PERSON



Dr. K. Prathapchandran, Assistant Professor, Department of Computer Applications, acted as resource person in the FDP on "AI Enabled Transformations in Wireless Networks and IoT connectivity" session on "Machine Learning- Driven Trust Aware Routing in IoT Networks" organized by Karpagam Academy of Higher Education on 08.12.2026.



Dr. J. Srinivasan, Assistant Professor, Department of Computer Applications, delivered an Guest Lecture on "Prompt Engineering in Artificial Intelligence" on 24.12.2025 at SVCR GOVT. Degree College, Palamner.

STUDENT PUBLICATIONS

IEEE CONFERENCE



Ms.K. Vasundhara successfully presented a research paper titled "Particle Matter Prediction using Dual Attention Bidirectional Long Short-Term Memory" at the 3rd International Conference on Sustainable Computing and Smart Systems (ICSCSS 2025), organized by Hindusthan College of Engineering and Technology, Coimbatore, held from 20–22 August 2025.

STUDENT PUBLICATIONS

STUDENT ACHIEVEMENTS



S. Sriman Kumar (II MCA) secured the Runner-Up position in the Badminton event at the MITS Intramurals 2025, organized by the Department of Physical Education, Madanapalle Institute of Technology & Science, on 20 November 2025.

B. Sharan Raj (II MCA) secured the Winner title in the Kabaddi event at the MITS Intramurals 2025, organized by the Department of Physical Education, Madanapalle Institute of Technology & Science, on 20 November 2025.



EDITORIAL BOARD

Chief Editor :	Dr. N. Naveen Kumar, HoD / MCA
Faculty Editor :	Dr. K. Prathapchandran, Asst. Prof., MCA
Student Editors :	Manohar Basappagari, II MCA, Pedda Siddareddy Nallapureddygari, II MCA Mounika L, II MCA

The logo consists of three overlapping circles in a horizontal row. The left circle is orange, the middle circle is yellow, and the right circle is orange. The letters 'MCA' are written in white, bold, sans-serif font across the middle circle.

MCA

A large, solid orange circle is partially visible in the bottom-left corner of the page.



MIT'S
MADANAPALLE

**MADANAPALLE INSTITUTE OF
TECHNOLOGY & SCIENCE**
(UGC-AUTONOMOUS INSTITUTION)



NEWSLETTER

**DEPARTMENT OF
COMPUTER APPLICATIONS**

JANUARY – MARCH 2026

VOLUME 13, ISSUE 3

MESSAGE FROM THE CORRESPONDENT



Dr. N. Vijaya Bhaskar Choudary, Ph.D.,
Founder & Chancellor

WARM GREETINGS!!

I am delighted to share that the Department of Computer Applications (MCA) is coming up with the Newsletter to showcase important Departmental events, achievements, activities, research and patent publications, Industrial/academical Interactions, Workshops, etc. of the department.

This Newsletter is published to highlight the diverse talent present within the department. This will enlighten the students about the various activities of the department as well as motivate them to participate in varied events to exhibit their talent and enhance their skills. I congratulate the editorial team for their sincere effort to make this newsletter an informative document on our Department of Computer Applications activities and varied talent. The editorial team has initiated which will continue to help and guide present and upcoming students of the Department.

Personally, I feel that students of MITS are equipped to set high standards and create an environment so that they excel in their areas of interest and accordingly guide more and more students of our institution, for the future. We are committed in creating an ambiance for nurturing innovation, creativity, and excellence in our students. We aim to prepare youngsters to face the challenges of stiff competition by imparting high-quality technical education backed by appropriate training and wide exposure to state-of-art practices. Our educational programs stress all- around personality development and imbibing human values and professional ethics, which help our students become more humane and lead meaningful lives. Best Wishes for the success and bright future of this Newsletter.

MESSAGE FROM THE VICE-CHANCELLOR



Dr. C. YUVARAJ
Vice-Chancellor (I/c)

I feel delighted about the newsletter of the Department of Computer Applications of MITS.

The essential purpose of a Department Newsletter/Magazine is to inform, engage, inspire and entertain a diverse readership – including Alumni, parents, students, faculty, staff and other friends of the department and college – by inspiring them by the timely and honest portrait of the department to its extended family. This newsletter/magazine has made an earnest attempt in this direction and brought out activities of the department. I am sure the department will scale even greater heights in the years to serve the society.

On this magnanimous occasion, I congratulate all the students and faculty members of department of Computer Applications for their great efforts and coordination in bringing out the newsletter a great success

MESSAGE FROM THE HEAD OF THE DEPARTMENT



Dr. N. Naveen Kumar
Head of the Department

It gives me great pleasure to congratulate students, teachers and staff of the Department of Computer Applications for the newsletter. Newsletter is believed to be a focus of the privileged activities i.e. academics, students and faculty achievement as well as innovation occurring in the department. In this connection, this newsletter will motivate the teachers and students for sharing their creativity and new ideas with the world and will help in their overall development. I advise the students that as the demand of skill is increasing day by day, join hands to enhance your skills and portrair them in a technical forum. I wish best of luck for all the team members for publication of newsletter.

MESSAGE FROM THE EDITORIAL BOARD



Dr. K. Prathapchandran
Assistant Professor

It gives immense pleasure to introduce this Newsletter of the Department of Computer Applications to the readers. We are grateful to our Principal and HOD for giving this opportunity to create newsletter. It has been a teamwork and learning experience to us. We would like to extend our gratitude to all staff who supported us during the making of this newsletter. We are thankful to all those who supported us directly and indirectly.

STUDENT EDITORS



Manohar Basappagari
(24691F00E3)
Student



**Pedda Siddareddy
Nallapureddygar**
(24691F00H8)
Student



Mounika L
(24691F00E9)
Student

ABOUT MITS



Madanapalle Institute of Technology & Science is established in 1998 in the picturesque and pleasant environs of Madanapalle and is ideally located on a sprawling 26.17 acre campus on Madanapalle - Anantapur Highway (NH-205) near Angallu, about 10km away from Madanapalle. MITS, originated under the auspices of Ratakonda Ranga Reddy Educational Academy under the proactive leadership of and Dr. N. VijayaBhaskar Choudary, Secretary & Correspondent and Sri. N. Krishna Kumar, Chairman of the Academy.

MITS is governed by a progressive management that never rests on laurels and has been striving conscientiously to develop it as one of the best centers of Academic Excellence in India. The Institution's profile is firmly based on strategies and action plans that match changing demands of the nation and the student's fraternity. MITS enjoys constant support and patronage of NRI's with distinguished academic traditions and vast experience in Engineering & Technology.

ABOUT DEPARTMENT

The Department has grown from strength to strength since its inception in 2004. It offers 2-year MCA programmes. These programmes are fully governed by AICTE, New Delhi and affiliated to JNTU Ananthapuramu. The Department is dedicated to the mission of inculcating value-based, socially committed professionalism to the cause of overall development of students and society. It promotes the prime objective of educating and preparing students as dynamic, competent and knowledgeable professionals. Excellent academic results, high-end computer labs, well-defined and documented academic and administrative processes and student counselling sessions (personal and academic) are the core strength of the department.

The Department obtained UGC-Autonomous Status in the year 2014 and is running the programmes successfully by meeting all the requirements. The College Academic Council, Board of Studies of the department strive to provide quality education and most advanced curriculum to make the students industry-ready and excel in the contemporary business world.

The department is frequently organizing Faculty Development Programs, Conferences, Seminars, Symposium and workshops on various emerging areas and technologies. The guest lectures are arranged, eminent professors and industry resource persons are invited from reputed IT industries, top ranked Universities. All the qualified and competent students are placed in renowned organizations, both national and international. Despite maintaining global standards in teaching and learning, successful placement in different renowned organizations and consistent 100% admission in the department are the hallmarks of the department. The M.C.A. Programme under Department of Computer Applications was Accredited by the National Board of Accreditation (NBA) of All India Council for Technical Education (AICTE).

VISION

To be a center of Excellence in Computer Applications through academic Excellence, innovative research, digital transformation, ethical values and Community engagement, nurturing globally competent. Industry ready, and socially responsible professional for sustainable development.

MISSION

- M1 : Deliver quality and inclusive education through an industry –aligned curriculum, experimental learning, emerging technologies, and continuous curriculum development to develop competent computing professionals.
- M2 : Foster research excellence, innovation, entrepreneurship, interdisciplinary collaboration, and lifelong learning through projects, funded research, publications, and consultancy, incubation and industry partnerships.
- M3 : Develop ethical leadership, professional competence. Global perspectives. communication skills, teamwork, and social responsibility by promoting community engagement, sustainable development, and responsible computing practices.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

PEO1: Excel in the software industry with the application of comprehensive knowledge and skills.

PEO2: Contribute by building innovative and sustainable solutions to the problems in the IT industry.

PEO3: Become successful professionals, exhibiting social responsibility leading to lifelong learning..

PROGRAMME OUTCOMES (POS)

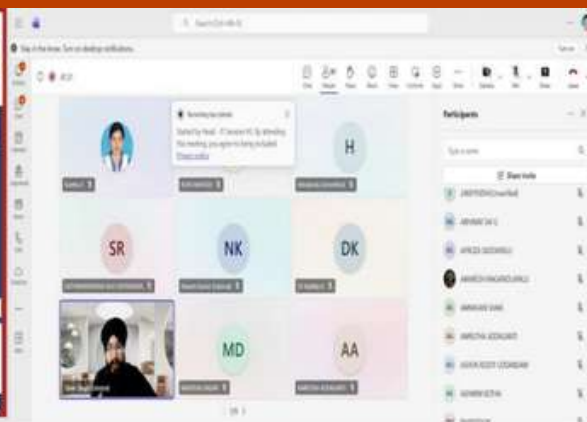
PO1	Foundation Knowledge: Apply knowledge of mathematics, programming logic and coding fundamentals for solution architecture and problem solving.
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PO7	Ethics: Commit to professional ethics in managing software projects with financial aspects. Learn to use new technologies for cyber security and insulate customers from malware.
PO8	Life-long learning: Change management skills and the ability to learn, keep up with contemporary technologies and ways of working.

EVENTS ORGANISED BY THE DEPARTMENT



Alumni Meet – 2026 held on 28.01.2026.

Alumni speakers Mr. Sameer and Mr. Subrahmanyam shared their professional journeys and assured continuous support to students through the alumni network.



Online Expert Talk titled “Building Growth and Innovation Mindset using AI” held on 31.01.2026.

Resource Person:

Mr. Tanvir Singh, Edu Pyramids, SINE, IIT Bombay

The programme effectively motivated students and faculty to adopt innovative thinking, understand the importance of AI in entrepreneurship, and prepare themselves for future challenges.



One-day workshop on "Foundations of Python and Java" held on 06.02.2026

Resource Person :

Mr. Sugam Samanta ,Mr. Likith Hassan ,
M/s. Qspiders, Bengaluru.

The students gained knowledge of the fundamentals of Python with the core concepts and the object-oriented programming concepts of Java and its implementations in coding level.

EVENTS ORGANISED BY THE DEPARTMENT



One-Day workshop on "Foundations of Python and General Aptitude" held on 09.12.2026 at KKB108 and KKB109.

Resource Person:

Mr. Ganesh, Mr. Aswin Das, Prepinsta, Warangal

Participants gained the fundamentals of Python language in terms of datatypes, input/output functions, string and list operations. Also, participants gained, the shortcut methods of aptitude models.



Industry Visit to "IT Companies in Bengaluru" on 27.02.2026.

Outcomes of the Visit:

The visit resulted in several positive outcomes for the Department of MCA: Industry Networking: Established initial connections with multiple IT companies in Bengaluru. Industrial Visit Opportunity: Techasoft expressed willingness to host MCA students for an industrial visit. Placement Prospects: Companies showed interest in connecting with the institution for future recruitment opportunities. Industry Exposure: The visit helped in understanding the expectations of the IT industry from MCA graduates.

EVENTS ORGANISED BY THE DEPARTMENT



One Day Workshop on "Full Stack Web Development" held on 29.11.2025.

Resource Person:

Dr.Thanapal P, Professor & HoD , School of Computer Science Engineering and Information Systems, VIT-Vellore.

Students gained hands-on experience in writing real-time code and building simple full-stack applications.



Three Day Workshop on "Career++: Java TechTrek - Journey from Java to Cloud" from 04-12-2025 to 06-12-2025.

Resource Person:

Mr. K. V. Subba Reddy, Corporate Trainer and Founder of Dhruva SoftTech.

The workshop was successfully conducted and strengthened students' practical skills in Java and modern development tools. It provided valuable hands-on learning and encouraged students to explore advanced technologies.

EVENTS ORGANISED BY THE DEPARTMENT



Parent's Meeting – I MCA (2025 Admitted) held on 12.12.2025.

Resource Person:

Shri. N. Dwarakanath – Pro Chancellor, MITS Deemed to be University

The Parent-Teacher Conclave Meet resulted in strengthened communication and mutual understanding between parents and the institution.



One-Day National level Workshop on “Fundamentals and Disputes in IPR, WIPO Distance Learning Courses, and Pitching for Angel Investors” held on 20-12-2025.

Resource Person:

Dr. Kumaran Shanmugam, Professor & Director – Innovation, IPR & Community Engagement, Periyar Maniammai Institute of Science & Technology, Thanjavur.

Participants gained confidence in protecting innovations, pursuing global IP certifications, and transforming research ideas into startup opportunities.

One Day Workshop on “Machine Learning: From Fundamentals to Future Frontiers” held on 22.12.2025.

Resource Person:

Dr. S. Balamurugan, Assistant Professor, School of Applied Computing, Jain (Deemed to be University), Bangalore.

The workshop enhanced technical skills, critical thinking, and interest in advanced computing technologies

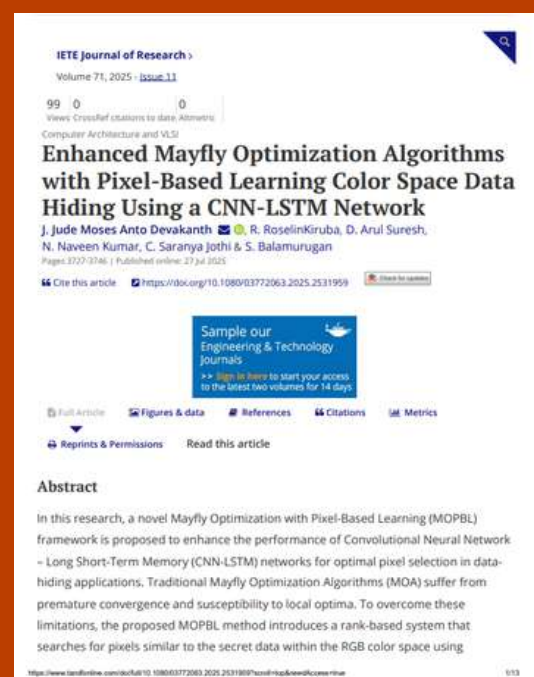


FACULTY PUBLICATIONS

ARTICLE PUBLICATIONS



Dr. N. Naveen Kumar, Associate Professor & Head, Department of Computer Applications, published a research article titled "QuantumResist: Integrating Shor's Algorithm, Lattice-Based Cryptography, and Quantum Error Correction for Enhanced Secure Communication in Post-Quantum Cryptography" in the prestigious journal **The Journal of Supercomputing** (Volume 81, Article 1391, 2025).



Dr. J. Jude Moses Anto Devakanth, Assistant Professor, and Dr. N. Naveen Kumar, Associate Professor & Head, Department of Computer Applications, published a research article titled "Enhanced Mayfly Optimization Algorithms with Pixel-Based Learning Color Space Data Hiding Using a CNN-LSTM Network" in the **IETE Journal of Research**.



Dr. N. Naveen Kumar, Associate Professor & Head, Dr. Maruthamuthu, Assistant Professor, and Dr. J. Jude Moses Anto Devakanth, Assistant Professor, Department of Computer Applications, published a research article titled "Optimized Intention-Adaptive Graph Neural Network for Robust Failure Diagnosis of Microservice System Using Multimodal Data" in the **Cluster Computing** (Volume 28, Article 614, 2025).



Dr. Maruthamuthu, Assistant Professor, and Dr. N. Naveen Kumar, Associate Professor & Head, Department of Computer Applications, published a research article titled "Enhanced Water Quality Index Prediction and Classification Using a Dual-Key Convolutional Transformer Autoencoder Network Optimized by Poplar Optimization Algorithm (DKCTAN-POA)" in the **International Journal of Information Technology (Springer Nature)** on September 2025

FACULTY PUBLICATIONS

ARTICLE PUBLICATIONS

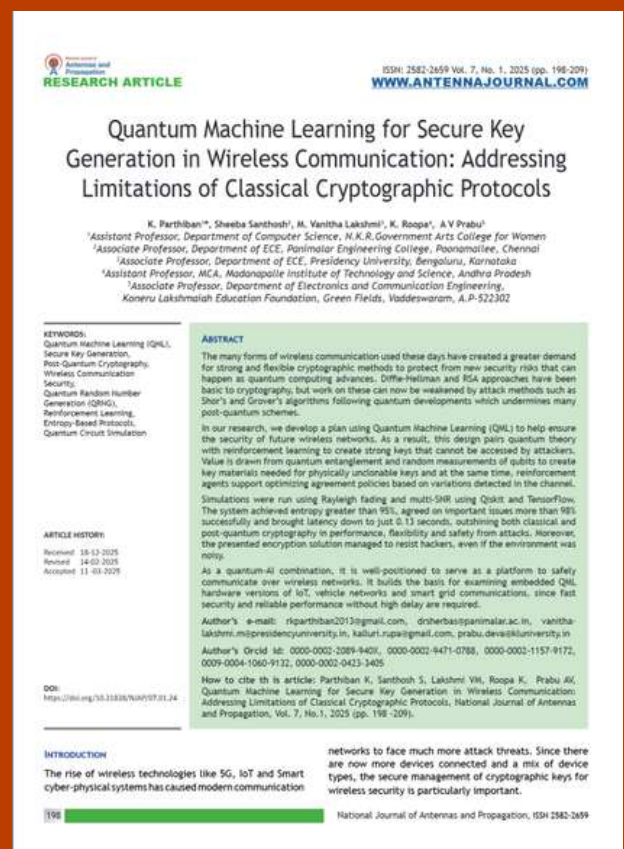


Dr. N. Naveen Kumar, Associate Professor & Head, Department of Computer Applications, published a conference paper titled “Robust Data Hiding in Moving Object Videos Using Generalized Error Modification Detection (GEMD)” in the book Innovations in Data Engineering: Sustainability for Societal and Industrial Impact (ICDECT 2024), published by Springer in the Lecture Notes in Networks and Systems (LNNS), Volume 1362.



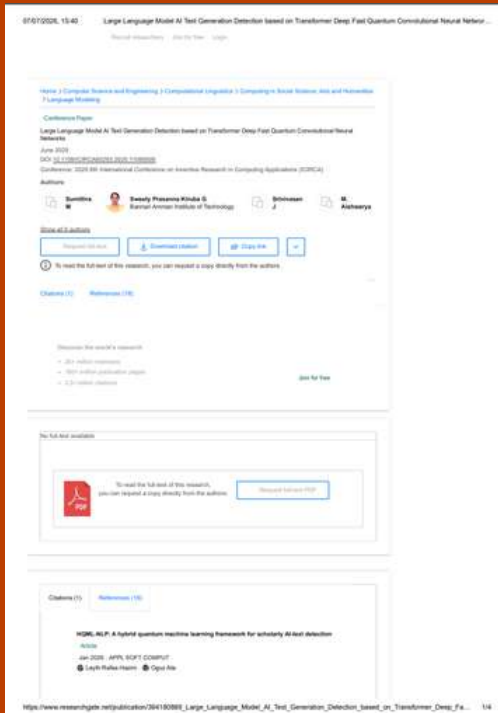
Dr. Althaf Ali A, Assistant Professor, Department of Computer Applications, published a research article titled “Synergizing IoT and Machine Learning for Diabetic Foot Ulcer Detection and Management” in the International Journal of System Assurance Engineering and Management (Volume 16, Pages 3614–3625, 2025).

Ms. Roopa A, Assistant Professor, Department of Computer Applications, published a research article titled “Quantum Machine Learning for Secure Key Generation in Wireless Communication: Addressing Limitations of Classical Cryptographic Protocols” in the National Journal of Antennas and Propagation



FACULTY PUBLICATIONS

IEEE CONFERENCE



Dr. J. Srinivasan, Assistant Professor, Department of Computer Applications, published a conference paper titled “Large Language Model AI Text Generation Detection Based on Transformer Deep Fast Quantum Convolutional Neural Networks” in the **2025 6th International Conference on Inventive Research in Computing Applications (ICIRCA 2025)**.



Dr. J. Jude Moses Anto Devakanth, Assistant Professor, Department of MCA, published **three IEEE conference papers in 2025**: “Exploring Smart Room Automation: An IoT-Based Vision-Driven Zonal Control Approach for Energy Efficiency” at ICIRCA 2025, “Context Aware Approach for Server Scheduling Process in Machine Learning” at ICCSAI 2025, and “Large Language Model AI Text Generation Detection Based on Transformer Deep Fast Quantum Convolutional Neural Networks” at ICIRCA 2025, demonstrating his research contributions in the areas of IoT, Artificial Intelligence, Machine Learning, and Smart Computing.

FACULTY PUBLICATIONS

BOOK CHAPTER



Dr. J. Jude Moses Anto Devakanth, Assistant Professor, Department of MCA, published a book chapter titled “Generative AI in Text and Multi-Language Adaptation Processing for Digital Media” with IGI Global Scientific Publishing in 2026, contributing to advancements in Generative Artificial Intelligence and multilingual digital media processing.

PATENT GRANTED

Dr. N. Nirmala Devi, Assistant Professor, Department of MCA, was granted a Design Registration (No. 450379-001) for an innovative Electric Vehicle Charging Station on 17 July 2025



FACULTY PARTICIPATIONS

FACULTY DEVELOPMENT PROGRAMME(FDP)

Mr. Satharla Suresh, Assistant Professor of MCA has attended in Five-Days Professional Development Programme on UI/UX Design conducted by Madanapalle Institute of Technology & Science, Madanapalle from **30.06.2025 to 04.07.2025**.



Mr. Palahanok, Assistant Professor of MCA has attended in Five-Days Faculty Development Programme on Innovation and Entrepreneurship conducted by AICTE and MoE's Innovation Cell, and hosted by the School of Computer Science & IT, JAIN (Deemed-to-be University) from **14-07-2025 to 18-07-2025**.



Ms. S. Suganya, Assistant Professor of MCA has attended in Six-Days Faculty Development Programme on AI impact on Transforming Software, Robotics, Electrical, Electronics & Mechanical conducted by Dhaanish Ahmed College of Engineering, Chennai from **21.07.2025 to 26.07.2025**.

Dr. K. Radhika, Assistant Professor of MCA has attended in Five-Days Professional Development Programme on Emerging Research Skills: AI Tools, Plagiarism Reduction & Ethical Publishing" conducted by SRM Institute of Science and Technology, Chennai from **22.07.2025 to 27.07.2025**.



FACULTY PARTICIPATIONS



Dr. T. Saravanan, Assistant Professor of MCA has acted as a Resource Person in the Five-Days Faculty Development Programme on Innovative Tools and Methods in Emerging Technology-Driven Research Organized by Vels Institute of Science, Technology and Advanced Studies(VISTAS) chennai from **10.08.2025 to 14.08.2025**.

WORKSHOP /WEBINAR



Dr. Dilwar Hussain Barbuiya, Assistant Professor, Department of MCA, attended the NEP Orientation and Sensitization Programme under the Malaviya Mission Teacher Training Programme (MM-TTP), conducted by Coimbatore Institute of Technology (CIT), from **10.09.2025 to 19.09.2025**.

Ms. S. Suganya, Assistant Professor of MCA has attended in Online Workshop on AI for Everyone: A Beginner's Guide organized by Reccsar Pvt. Ltd on **28.09.2025**.



Ms. K. Kavitha, Assistant Professor, Department of MCA, participated in the Quantum Computing Programme conducted by Quality Thought on **30.08.2025**.

FACULTY ACHIEVEMENTS

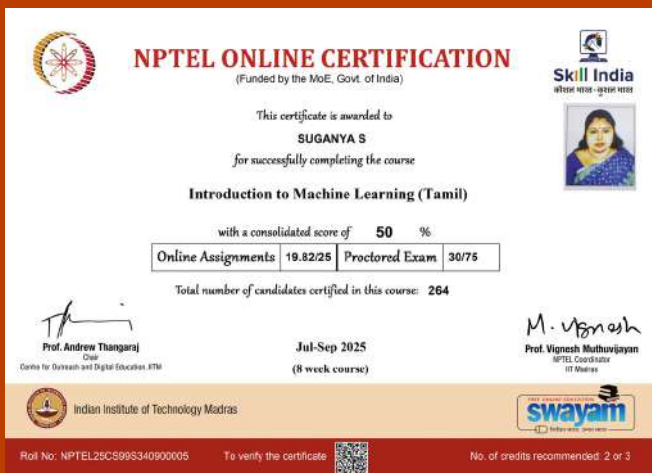


Mr. J. Jude Moses Anto Devakanth, Assistant Professor, Department of MCA, successfully completed the NPTEL Online Certification Course on “Introduction to Operating Systems” during the July–September 2025.

Mr. Sivaraj c, Assistant Professor, Department of MCA, successfully completed the NPTEL Online Certification Course on “Introduction to Operating Systems” during the July–September 2025.



Ms. Suganya, Assistant Professor, Department of MCA, successfully completed the NPTEL Online Certification Course on “Introduction to Machine Learning(Tamil)” during the July–September 2025.



Dr. J. Jude Moses Anto Devakanth, Assistant Professor, Department of MCA, served as a peer reviewer for book chapter manuscripts in the publication “AI Advancements in Internet of Things and Intelligent Devices” by IGI Global Scientific Publishing during July 2025

STUDENT ACHIEVEMENTS IN NPTEL

S. No.	Batch	Total No. of Students	No. of Students Completed	Percentage
1	R25	329	304	92%



S. No.	CertificateType	Total
1	Elite + Silver	32
2	Elite	210
3	Successfully completed	64



Vempalli Nasreen, II MCA , successfully completed the IBM SkillsBuild AI NextGen Certification Program 2026 with CSRBOX, in collaboration with IBM SkillsBuild, from 23rd to 30th March 2026.

STUDENT ACHIEVEMENTS IN MSME



Cheluru Sandhya, Polisetty Varalakshmi, Kuni Nagasiva, and Kadiri Swetha, MCA, successfully qualified for the I2OR Young Innovator Mindset Certification by demonstrating knowledge in Innovation Mindset using 21st Century Skills, organized by the International Institute of Organized Research (I2OR), a registered MSME with the Ministry of MSME, Government of India.

EDITORIAL BOARD

Chief Editor :	Dr. N. Naveen Kumar, HoD / MCA
Faculty Editor :	Dr. K. Prathapchandran, Asst. Prof., MCA
Student Editors :	Manohar Basappagari, II MCA, Pedda Siddareddy Nallapureddygari, II MCA Mounika L, II MCA

The logo for MCA (MCA) is a large, stylized, yellow cloud-like shape with three overlapping circles. The letters 'MCA' are written in white, bold, sans-serif font across the center of the cloud.

MCA



MIT'S
MADANAPALLE

**MADANAPALLE INSTITUTE OF
TECHNOLOGY & SCIENCE**
(UGC-AUTONOMOUS INSTITUTION)



NEWSLETTER

**DEPARTMENT OF
COMPUTER APPLICATIONS**

APRIL – JUNE 2026

VOLUME 13, ISSUE 4

MESSAGE FROM THE CORRESPONDENT



Dr. N. Vijaya Bhaskar Choudary, Ph.D.,
Founder & Chancellor

WARM GREETINGS!!

I am delighted to share that the Department of Computer Applications (MCA) is coming up with the Newsletter to showcase important Departmental events, achievements, activities, research and patent publications, Industrial/academical Interactions, Workshops, etc. of the department.

This Newsletter is published to highlight the diverse talent present within the department. This will enlighten the students about the various activities of the department as well as motivate them to participate in varied events to exhibit their talent and enhance their skills. I congratulate the editorial team for their sincere effort to make this newsletter an informative document on our Department of Computer Applications activities and varied talent. The editorial team has initiated which will continue to help and guide present and upcoming students of the Department.

Personally, I feel that students of MITS are equipped to set high standards and create an environment so that they excel in their areas of interest and accordingly guide more and more students of our institution, for the future. We are committed in creating an ambiance for nurturing innovation, creativity, and excellence in our students. We aim to prepare youngsters to face the challenges of stiff competition by imparting high-quality technical education backed by appropriate training and wide exposure to state-of-art practices. Our educational programs stress all- around personality development and imbibing human values and professional ethics, which help our students become more humane and lead meaningful lives. Best Wishes for the success and bright future of this Newsletter.

MESSAGE FROM THE VICE-CHANCELLOR



Dr. C. YUVARAJ
Vice-Chancellor (I/c)

I feel delighted about the newsletter of the Department of Computer Applications of MITS.

The essential purpose of a Department Newsletter/Magazine is to inform, engage, inspire and entertain a diverse readership – including Alumni, parents, students, faculty, staff and other friends of the department and college – by inspiring them by the timely and honest portrait of the department to its extended family. This newsletter/magazine has made an earnest attempt in this direction and brought out activities of the department. I am sure the department will scale even greater heights in the years to serve the society.

On this magnanimous occasion, I congratulate all the students and faculty members of department of Computer Applications for their great efforts and coordination in bringing out the newsletter a great success

MESSAGE FROM THE HEAD OF THE DEPARTMENT



Dr. N. Naveen Kumar
Head of the Department

It gives me great pleasure to congratulate students, teachers and staff of the Department of Computer Applications for the newsletter. Newsletter is believed to be a focus of the privileged activities i.e. academics, students and faculty achievement as well as innovation occurring in the department. In this connection, this newsletter will motivate the teachers and students for sharing their creativity and new ideas with the world and will help in their overall development. I advise the students that as the demand of skill is increasing day by day, join hands to enhance your skills and portrair them in a technical forum. I wish best of luck for all the team members for publication of newsletter.

MESSAGE FROM THE EDITORIAL BOARD



Dr. K. Prathapchandran
Assistant Professor

It gives immense pleasure to introduce this Newsletter of the Department of Computer Applications to the readers. We are grateful to our Principal and HOD for giving this opportunity to create newsletter. It has been a teamwork and learning experience to us. We would like to extend our gratitude to all staff who supported us during the making of this newsletter. We are thankful to all those who supported us directly and indirectly.

STUDENT EDITORS



Manohar Basappagari
(24691F00E3)
Student



Pedda Siddareddy
Nallapureddygar
(24691F00H8)
Student



Mounika L
(24691F00E9)
Student

ABOUT MITS



Madanapalle Institute of Technology & Science is established in 1998 in the picturesque and pleasant environs of Madanapalle and is ideally located on a sprawling 26.17 acre campus on Madanapalle - Anantapur Highway (NH-205) near Angallu, about 10km away from Madanapalle. MITS, originated under the auspices of Ratakonda Ranga Reddy Educational Academy under the proactive leadership of and Dr. N. VijayaBhaskar Choudary, Secretary & Correspondent and Sri. N. Krishna Kumar, Chairman of the Academy.

MITS is governed by a progressive management that never rests on laurels and has been striving conscientiously to develop it as one of the best centers of Academic Excellence in India. The Institution's profile is firmly based on strategies and action plans that match changing demands of the nation and the student's fraternity. MITS enjoys constant support and patronage of NRI's with distinguished academic traditions and vast experience in Engineering & Technology.

ABOUT DEPARTMENT

The Department has grown from strength to strength since its inception in 2004. It offers 2-year MCA programmes. These programmes are fully governed by AICTE, New Delhi and affiliated to JNTU Ananthapuramu. The Department is dedicated to the mission of inculcating value-based, socially committed professionalism to the cause of overall development of students and society. It promotes the prime objective of educating and preparing students as dynamic, competent and knowledgeable professionals. Excellent academic results, high-end computer labs, well-defined and documented academic and administrative processes and student counselling sessions (personal and academic) are the core strength of the department.

The Department obtained UGC-Autonomous Status in the year 2014 and is running the programmes successfully by meeting all the requirements. The College Academic Council, Board of Studies of the department strive to provide quality education and most advanced curriculum to make the students industry-ready and excel in the contemporary business world.

The department is frequently organizing Faculty Development Programs, Conferences, Seminars, Symposium and workshops on various emerging areas and technologies. The guest lectures are arranged, eminent professors and industry resource persons are invited from reputed IT industries, top ranked Universities. All the qualified and competent students are placed in renowned organizations, both national and international. Despite maintaining global standards in teaching and learning, successful placement in different renowned organizations and consistent 100% admission in the department are the hallmarks of the department. The M.C.A. Programme under Department of Computer Applications was Accredited by the National Board of Accreditation (NBA) of All India Council for Technical Education (AICTE).

VISION

To be a center of Excellence in Computer Applications through academic Excellence, innovative research, digital transformation, ethical values and Community engagement, nurturing globally competent. Industry ready, and socially responsible professional for sustainable development.

MISSION

- **M1** : Deliver quality and inclusive education through an industry –aligned curriculum, experimental learning, emerging technologies, and continuous curriculum development to develop competent computing professionals.
- **M2** : Foster research excellence, innovation, entrepreneurship, interdisciplinary collaboration, and lifelong learning through projects, funded research, publications, and consultancy, incubation and industry partnerships.
- **M3** : Develop ethical leadership, professional competence. Global perspectives. communication skills, teamwork, and social responsibility by promoting community engagement, sustainable development, and responsible computing practices.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

PEO1: Excel in the software industry with the application of comprehensive knowledge and skills.

PEO2: Contribute by building innovative and sustainable solutions to the problems in the IT industry.

PEO3: Become successful professionals, exhibiting social responsibility leading to lifelong learning..

PROGRAMME OUTCOMES (POS)

PO1	Foundation Knowledge: Apply knowledge of mathematics, programming logic and coding fundamentals for solution architecture and problem solving.
PO2	Problem Analysis: Identify, review, formulate and analyse problems for primarily focusing on customer requirements using critical thinking frameworks.
PO3	Development of Solutions): Design, develop and investigate problems with as an innovative approach for solutions incorporating ESG/SDG goals.
PO4	Modern Tool Usage: Select, adapt and apply modern computational tools such as development of algorithms with an understanding of the limitations including human biases.
PO5	Individual and Teamwork: Function and communicate effectively as an individual or a team leader in diverse and multidisciplinary groups. Use methodologies such as agile.
PO6	Project Management and Finance: Use the principles of project management such as scheduling, work breakdown structure and be conversant with the principles of Finance for profitable project management.
PO7	Ethics: Commit to professional ethics in managing software projects with financial aspects. Learn to use new technologies for cyber security and insulate customers from malware.
PO8	Life-long learning: Change management skills and the ability to learn, keep up with contemporary technologies and ways of working.

EVENTS ORGANISED BY THE DEPARTMENT

TRAINING PROGRAM



Twenty Days External Technical Training on "Python and Java with Data Structures - 27.04.26 to 01.05.26 in association with M/s. Tap Academy, Bengaluru.

Outcome of the Events:

The training strengthened students' Python and Java programming, coding, and data structure skills through hands-on practice, preparing them confidently for placement drives.

INDUSTRIAL VISIT



Industrial Visit to "Quanta Wave Cyber R&D Lab, Bengaluru. - 12.05.2026

Students gained practical insights through technical sessions and industry interactions, enhancing their understanding of Cybersecurity, Networking, and Artificial Intelligence.

EVENTS ORGANISED BY THE DEPARTMENT

FAREWELL DAY



Farewell Day Celebration - 13.05.2026.

The Farewell Day celebration for the MCA R24 Batch (2024–2026) was a memorable and successful event. It provided an opportunity to reflect on the journey of the students, strengthen bonds among peers and faculty, and create lasting memories.



Seniors shared valuable guidance on academics, projects, placements, and career development, inspiring juniors to pursue their goals with confidence.



Group Photos on Farewell Day

FACULTY PUBLICATIONS

ARTICLE PUBLICATIONS



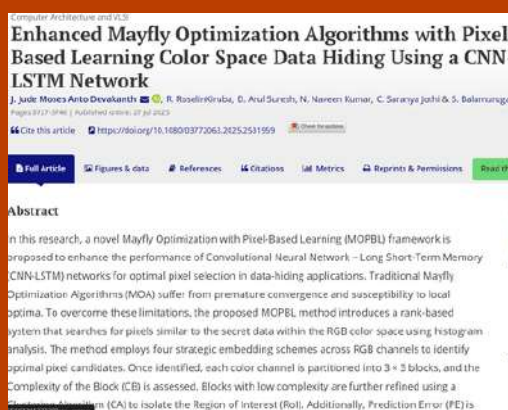
Dr. K. Prathapchandran, Assistant Professor, Department of Computer Applications, published the research article “A Synthetic Oversampling-Based Customized ResNet51-Conv1D Framework for Early Colorectal Cancer Prediction Using Structured Clinical Data from the PLCO Screening Trial” in BMC Medical Informatics and Decision Making on 11 April 2026



Dr. S. V. S. Ganga Devi, Associate Professor, Department of Computer Applications, published the research article “An Enhanced Neural Network Model with Hybrid Sunflower and Grey Wolf Optimization for Outlier Detection” on 14 May 2026, focusing on improving outlier detection through a hybrid Sunflower Optimization (SFO) and Grey Wolf Optimization (GWO) approach.



Dr. Althaf Ali, Assistant Professor, Department of Computer Applications, published the research article “Enhancing Routing Efficiency in Urban VANETs through Intelligent Optimization Techniques” in the International Journal of System Assurance Engineering and Management on 2 May 2026, proposing a hybrid PSO–ACO optimization framework for efficient routing in urban VANETs.



Dr. J. Jude Moses Anto Devakanth, Assistant Professor, Department of Computer Applications, published the research article “Enhanced Mayfly Optimization Algorithms with Pixel-Based Learning Color Space Data Hiding Using a CNN-LSTM Network” in Computer Architecture and VLSI, focusing on an enhanced Mayfly Optimization approach for improving CNN-LSTM-based pixel selection in data-hiding applications.

FACULTY PUBLICATIONS

CONFERENCE



Dr. N. Nirmala Devi, Assistant Professor, Department of Computer Applications, successfully presented the research paper “Smart Loan Processing and Customer Eligibility Prediction Using Machine Learning” at the 6th International Conference on Engineering, Social Sciences and Humanities (ICSSU-2026), held virtually on 27–28 April 2026.



Ms. Kudumu Kavitha, Assistant Professor, Department of Computer Applications, received a Certificate of Appreciation for presenting their research paper, “An Ensemble Learning Approach for Electric Vehicle Battery Health and Lifespan Prediction,” at the 4th International Conference on Machine Intelligence for Research & Innovations (MAITRI 2026) held on 8–9 May 2026 at NERIST, Arunachal Pradesh.



Dr. K. Nirmala Devi, Assistant Professor, Department of Computer Applications, presented the research paper “Energy-Constrained Neuromorphic Edge AI Using Spiking Graph Neural Network for Autonomous IoT Anomaly Detection” at the 7th IEEE International Conference on Systems, Computation, Automation, and Networking (ICSCAN'26), held at Manakula Vinayagar Institute of Technology, Puducherry, on 12–13 June 2026.

FACULTY PARTICIPATIONS



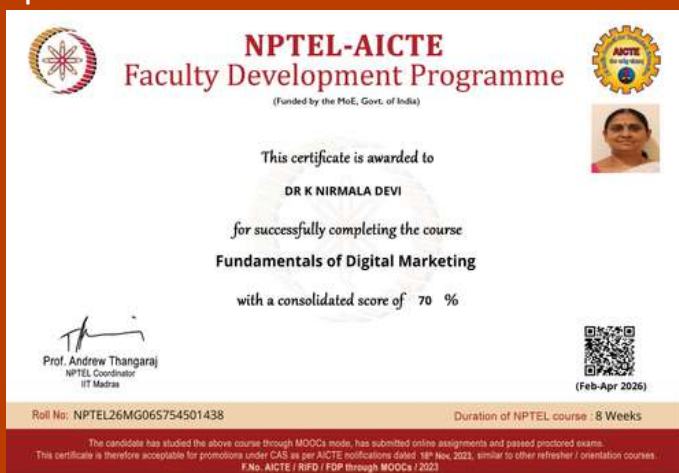
Dr. K. Nirmala Devi, Associate Professor, Department of Computer Applications, successfully completed a 30-Day Masterclass on Prompt Engineering conducted by Pantech e Learning Pvt. Ltd., Chennai, from 25.07.2025 to 24.08.2025.

WORKSHOP /WEBINAR



Dr. K. Nirmala Devi, Associate Professor, Department of Computer Applications, participated in the Professional Development Programme on "AI in Teaching and Learning", conducted by the National Institute of Technical Teachers Training and Research (NITTTR), Chennai, from 06.04.2026 to 10.04.2026.

Ms. S. Suganya, Assistant Professor, Department of Computer Applications, participated in a One-Day Faculty Development Programme on "AI Enhanced Educational Technologies", organized by the Department of BCA, HBK Degree College, Bengaluru, in association with Pencilbitz, on 25 April 2026.



Dr. K. Nirmala Devi, Associate Professor, Department of Computer Applications, successfully completed the NPTEL-AICTE Faculty Development Programme on "Fundamentals of Digital Marketing", an 8-week course conducted during February–April 2026, with a consolidated score of 70%.

FACULTY PARTICIPATIONS



Mr. K. Roopa Prasad & Dr J Saravanan ,Assistant Professor, Department of Computer Applications, participated in a 5-Day Online FDP on “AI Integrated Teaching Learning Pedagogy”, organized by Marudhar Kesari Jain College for Women (Autonomous), Vaniyambadi, from 11.05.2026 to 15.05.2026.

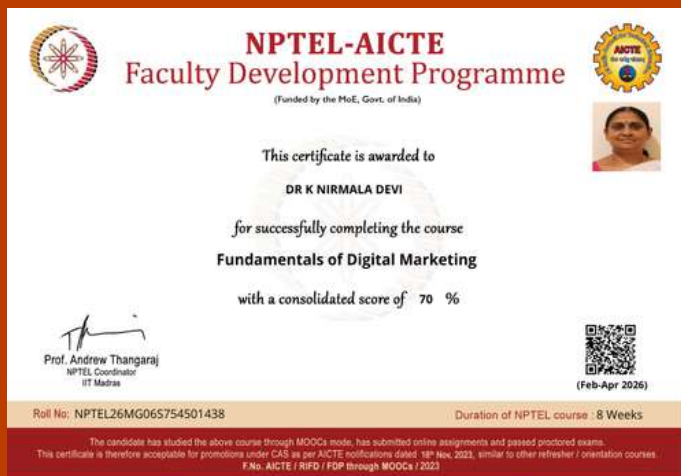
WORKSHOP /WEBINAR



Dr. S. Suganya, Assistant Professor, actively enhanced her professional knowledge by participating in two faculty development and professional development programmes. She participated in a 5-Day Faculty Development Programme on “AI-Driven Predictive Consumer Behaviour Analytics and Intelligent Marketing Optimization Using Hybrid Deep Learning Models,” organized by St. Joseph’s College (Arts & Science), Kovur, Chennai, from 13.04.2026 to 18.04.2026. She also participated in an Online Professional Development Programme on “Next-Generation Technologies: AI, SaaS, and Cybersecurity,” organized by Reccsar Pvt. Ltd., from 22.06.2026 to 26.06.2026. These programmes contributed to strengthening her expertise in Artificial Intelligence, emerging technologies, cybersecurity, and intelligent analytics

FACULTY PARTICIPATIONS

Ms. Kudumu Kavitha successfully completed the NPTEL-AICTE Faculty Development Programme on “AI in Human Resource Management”, a 12-week course conducted during January–April 2026, with a consolidated score of 80%



Dr. K. Nirmala Devi successfully completed the NPTEL-AICTE Faculty Development Programme on “Fundamentals of Digital Marketing”, an 8-week course conducted during February–April 2026, with a consolidated score of 70%.



Dr. K. Nirmala Devi, Associate Professor, Department of Computer Applications, served as a Scientific Committee Member at the International Conference on AI-Driven STEM Education and Learning Technologies (AISTEMEDU 2025), held at Prince Mohammad Bin Fahd University, Al Khobar, Saudi Arabia, from 1–2 December 2025.



Dr. N. Nirmala Devi, Assistant Professor, Department of Computer Applications was recognized as an NPTEL Mentor for the “E-Business” online certification course conducted during January–April 2026, mentoring 130 enrolled mentees.

FACULTY ACHIEVEMENTS IN NPTEL

S. No.	Name of the Faculty	NPTEL Course	Month of Completion	Weeks	Category
1	Dr. K. Nirmala Devi	Fundamentals of Digital Marketing	Feb- Apr 2026	8 Weeks	Elite
2	Mr. T. Saravanan	Assessment of Student Performance	Feb- Apr 2026	8 Weeks	Elite
3	Dr. N. Nirmala Devi	E- Business	Jan- Apr 2026	12 Weeks	Elite
4		Compiler Design	Jan- Apr 2026	12 Weeks	Elite
5	K. Roopa	Compiler Design	Jan- Apr 2026	12 Weeks	Elite
6	K. Kavitha	AI in Human Resource Management	Jan- Apr 2026	12 Weeks	Elite
7	Ms. S. Suganya	Data Analytics with Python	Jan- Apr 2026	12 Weeks	Elite
8		Deep Learning for Natural Language Processing	Jan- Apr 2026	12 Weeks	-

STUDENT ACHIEVEMENTS IN CONFERENCE



Ms. Neerharika Reddy Gadikota, II MCA, presented a research paper titled “Adaptive Explainable AI Framework for Personalized Risk Assessment and Early Disease Prediction” at the International Conference on AI-Driven Innovations and Applications (IC-AIDA 2026), organized by JAIN (Deemed to be University), Bengaluru, and technically co-sponsored by IEEE Computational Intelligence Society, held on 10.04.2026 & 11.04.2026.



STUDENT ACHIEVEMENTS IN CONFERENCE



D. Vamsi, S. Salma, T. Sai Priya, T. Kalyani , and R. Bhanu Siddhartha successfully presented their research paper, "Smart Loan Processing and Customer Eligibility Prediction Using Machine Learning," at the 6th International Conference on Engineering, Social Sciences and Humanities (ICESSU-2026). The conference was organized by Jose Maria College Foundation, Inc., University of Science, Technology of Southern Philippines, Cor Jesu College Inc., Rizal Technological University, DOST-NCR, and IFERP Academy – Philippines Society, and was held on 27.04.206 and 28.04.2026 2026.

STUDENT PLACEMENTS

Academic Year	Companies Visited	Admitted Students	Eligible Students	Total Placed students	Students Placed (Percentage)
2025-2026	30	304	185	151*	82%

Academic Year	Highest Salary Offered (per annum)	Lowest Salary Offered (per annum)	Average Salary (per annum)
2025-2026	1494000	120000	807000



Shaik Nishar Basha
Intellipaat Software Solutions
Private Limited
CTC 801092



Shaik Maheer
Tata Consultancy Services
Limited (TCS)
CTC 709380

EDITORIAL BOARD

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Faculty Editor : Dr. K. Prathapchandran, Asst. Prof., MCA

Student Editors : Manohar Basappagari, II MCA,
Pedda Siddareddy Nallapureddygar, II MCA
Mounika L, II MCA



MCA

