

Dr. MAHALINGAM
M O E T
 COLLEGE OF ENGINEERING AND TECHNOLOGY
Enlightening Technical Minds
 An Autonomous Institution
 Since 2011

Dr. MAHALINGAM

COLLEGE OF ENGINEERING AND TECHNOLOGY

Udumalai Road, Pollachi, Coimbatore District - 642003

Established in 1998 ♦ Approved by AICTE ♦ Affiliated to Anna University

(A DIVISION OF NIA EDUCATIONAL INSTITUTIONS)



NAAC A++ GRADE
 Cycle 3 (2023-2030)
 The Highest Grade

COMPYOUTH ASSOCIATION

E-NEWSLETTER FOR THE ACADEMIC YEAR 2023 - 24

May 2024 | Volume 1 | Issue 2



DEPARTMENT OF COMPUTER APPLICATIONS (MCA)

GRADUATES WILL

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO 1.Domain Expertise: Employ computational and mathematical knowledge to identify, characterize, create, implement, and improve software solutions for a range of problems across various application areas.

PEO 2.Computing Skills and Ethics: Employ technical skills to solve societal and environmental issues in an ethical manner.

PEO 3.Lifelong Learning and Research: Committed to continuous learning and research in computing.



PROGRAMME OUTCOMES (POS)



On successful completion of Master of Computer Applications programme, graduating students/graduates will be able to:

- PO 1. An ability to independently carry out research/investigation and development work to solve practical problems
- PO 2. An ability to write and present a substantial technical report/document
- PO 3. Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program
- PO 4. Skilled to identify an appropriate design, framework, and data models to create a system that performs well.
- PO 5. Proficient in creating real-time applications leveraging emerging and contemporary technologies



GRADUATES WILL

PROGRAMME SPECIFIC OUTCOME (PSOs)

On successful completion of the programme the graduates will be able to:

PSO1. Application Development: Apply software engineering principles in the design and development of web and mobile applications.

PSO2. Data management: Manage and analyze huge volume of data in real world problems.



VISION - MISSION

Vision of the Department :

The Department of Computer Applications seeks to transform students from diverse backgrounds into proficient and competitive software experts who can deliberately solve the needs of the community while coming up with innovative solutions to shifting contemporary issues

Mission of the Department :

- >> To become proficient with computer applications, employ state-of-the-art teaching and learning techniques.
- >> Teach students to be successful, moral, and effective problem solvers who will also become lifelong learners and contribute to the strengthening of our nation.
- >> Provide a foundation for value-based learning and integrate new research findings and discoveries into a range of scientific fields.
- >> To promote morality and excellence among students.
- >> Encourage students to develop their entrepreneurial abilities so they can lead nations globally.



FACULTY FORGE

FOSTERING EXCELLENCE THROUGH DEVELOPMENT

Our department faculty members have attended A five-Day online FDP on "AI FOR ENHANCED CYBERSECURITY IN SMART DEVICES AND IOT ENVIRONMENTS" held from 11.03.2024 to 15.03.2024 organized by Dept of Computing (Software Systems), Coimbatore Institute of Technology, Coimbatore



FACULTY FORGE

FOSTERING EXCELLENCE THROUGH DEVELOPMENT

Our department faculty members have attended One week online Faculty Development Program (FDP) on AI Fusion: Bridging Academia and Industry for Innovations across Fields held from 18.03.2024 to 22.03.2024 organized by Department of Computer Applications (MCA), Coimbatore Institute of Technology, Coimbatore

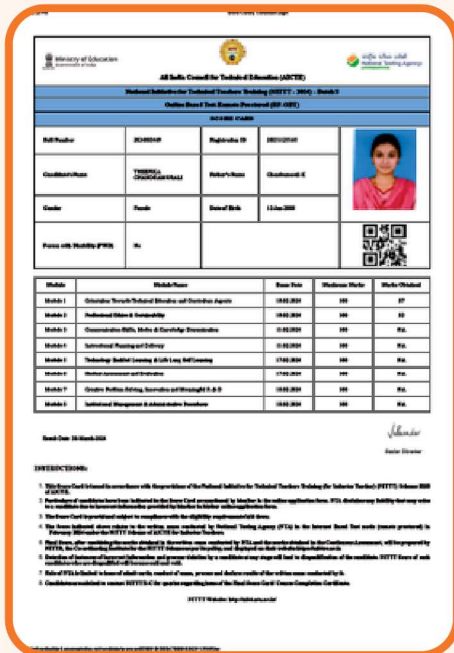


FACULTY FORGE

FOSTERING EXCELLENCE THROUGH DEVELOPMENT

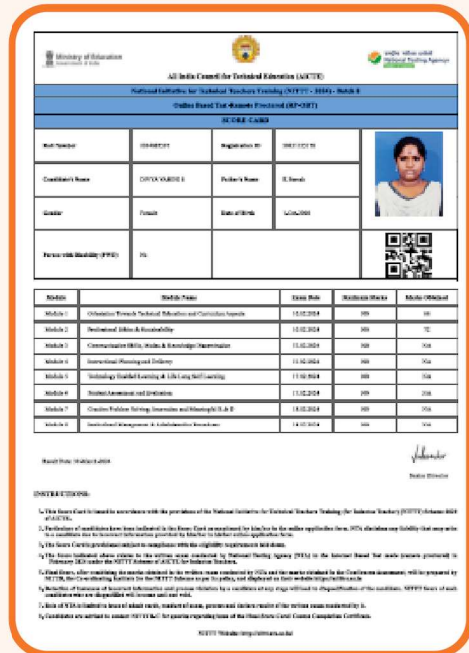
Our department faculty members **Ms.K.C.Theepika Assistant Professor, Ms.S.Divya Vahini Assistant Professor & Ms.B.Yesodhai Assistant Professor** have completed the following NITTTR course Modules

| Module | Module Name | Exam Date |
|----------|--|------------|
| Module 1 | Orientation Towards Technical Education and Curriculum Aspects | 10.02.2024 |
| Module 2 | Professional Ethics & Sustainability | 10.02.2024 |



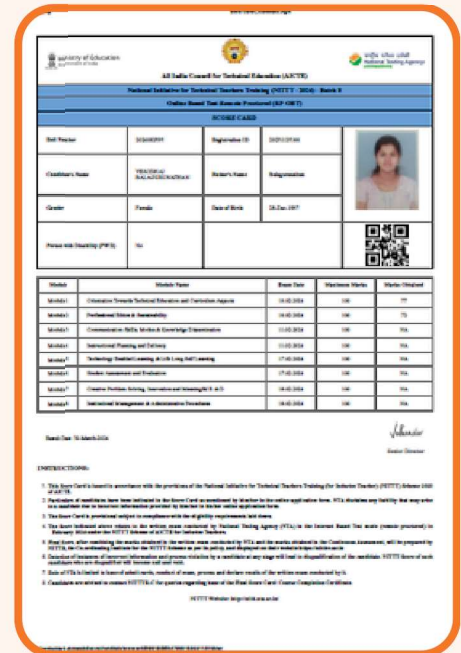
Module 1

| Module | Module Name | Exam Date | Maximum Marks | Marks Obtained |
|-----------|--|------------|---------------|----------------|
| Module 1 | Orientation Towards Technical Education and Curriculum Aspects | 10.02.2024 | 100 | 90 |
| Module 2 | Professional Ethics & Sustainability | 10.02.2024 | 100 | 90 |
| Module 3 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |
| Module 4 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |
| Module 5 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |
| Module 6 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |
| Module 7 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |
| Module 8 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |
| Module 9 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |
| Module 10 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |



Module 2

| Module | Module Name | Exam Date | Maximum Marks | Marks Obtained |
|-----------|--|------------|---------------|----------------|
| Module 1 | Orientation Towards Technical Education and Curriculum Aspects | 10.02.2024 | 100 | 90 |
| Module 2 | Professional Ethics & Sustainability | 10.02.2024 | 100 | 90 |
| Module 3 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |
| Module 4 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |
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| Module 9 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |
| Module 10 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |

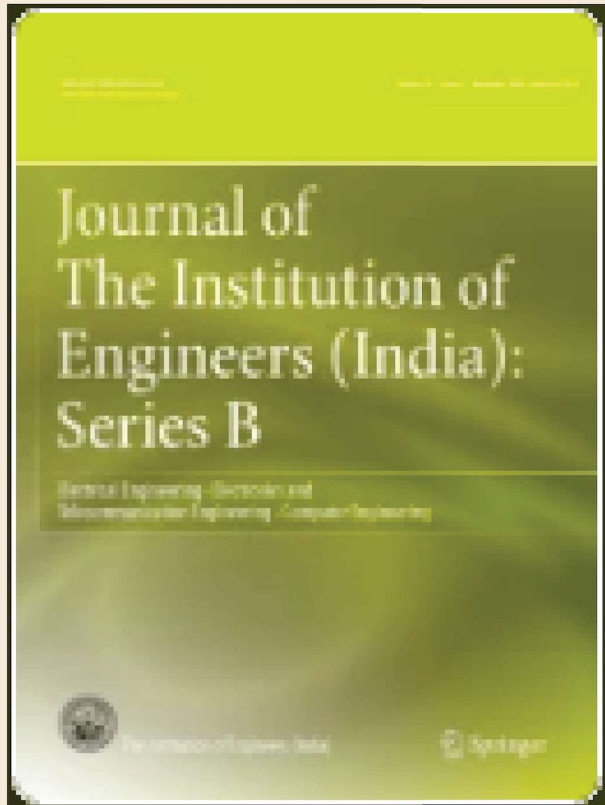


Module 2

| Module | Module Name | Exam Date | Maximum Marks | Marks Obtained |
|-----------|--|------------|---------------|----------------|
| Module 1 | Orientation Towards Technical Education and Curriculum Aspects | 10.02.2024 | 100 | 90 |
| Module 2 | Professional Ethics & Sustainability | 10.02.2024 | 100 | 90 |
| Module 3 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |
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| Module 5 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |
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| Module 7 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |
| Module 8 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |
| Module 9 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |
| Module 10 | Introduction to NDT, NDTs & Knowledge Dissemination | 10.02.2024 | 100 | 90 |

FACULTY FORGE

FOSTERING EXCELLENCE THROUGH RESEARCH & DEVELOPMENT

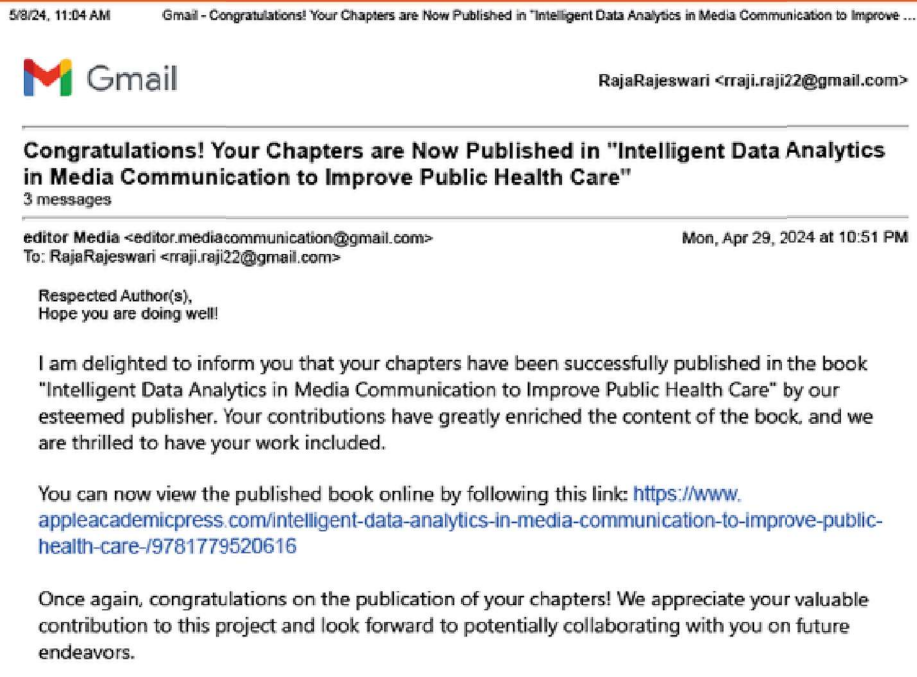


Our Faculty members **Ms.B.Yesodhai Assistant Professor & Dr.S.Raja Rajeswari Assistant Professor** have published a research paper titled “An Analysis of Ethics-Based Foundation and Regulatory Issues for Genomic Data Privacy” in the Journal of The Institution of Engineers (India): Series B Published: 23 April 2024, Volume 105, Issue 2

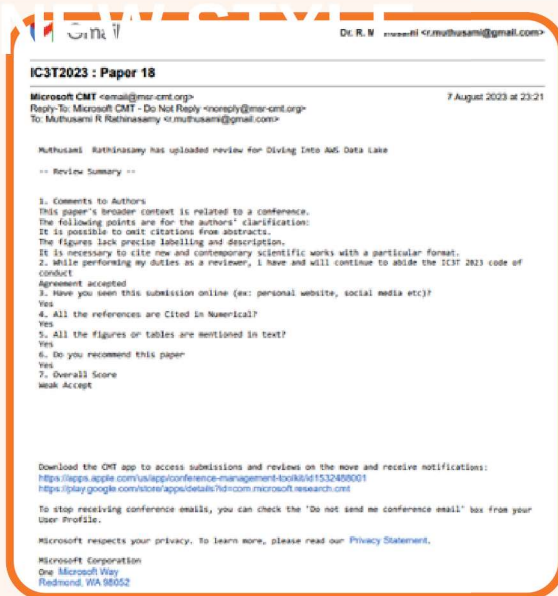


BOOK LAUNCH: UNVEILING THE LITERARY MARVEL!

Dr.S.Raja Rajeswari Assistant Professor have been successfully published chapters in the book "Intelligent Data Analytics in Media Communication to Improve Public Health Care" by Apple Academic Press.

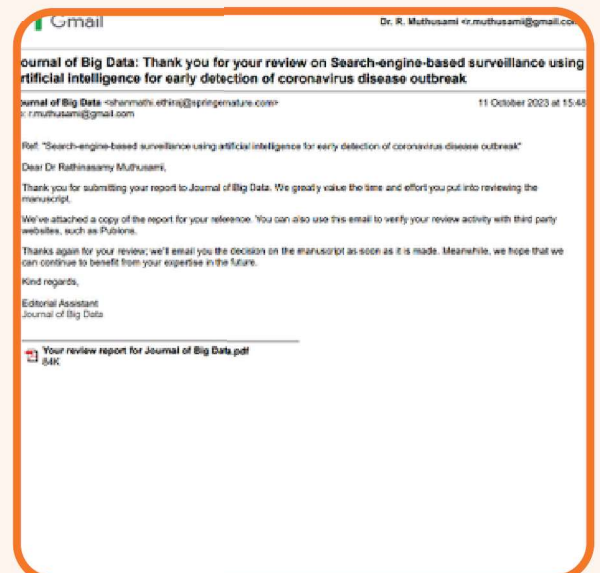


ARTICLE REVIEW: DECIPHERING THE GEMS OF INSIGHT!

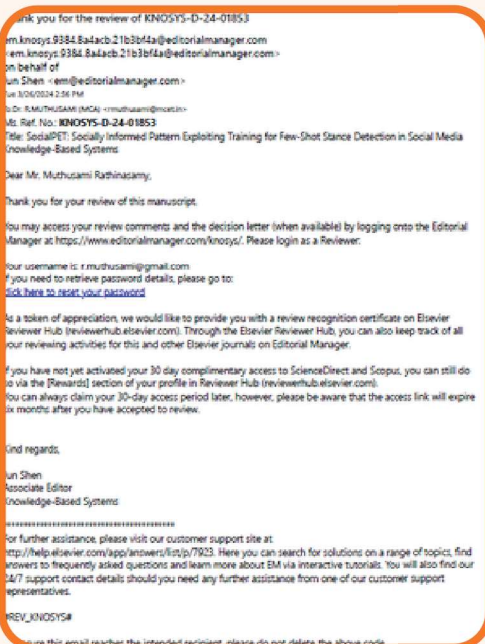


Article reviewed by Dr.R.Muthusami Associate Professor for 5th International Conference on Computer & Communication Technologies (IC3T),Kakatiya Institute of Technology & Science, Warangal

Article reviewed by Dr.R.Muthusami Associate Professor for journal of Big Data on “Search-engine-based surveillance using artificial intelligence for early detection of coronavirus disease outbreak”



Article reviewed by Dr.R.Muthusami Associate Professor for journal of Knowledge-Based Systems on “: Socially Informed Pattern Exploiting Training for Few-Shot Stance Detection in Social Media Knowledge-Based Systems”



ARTICLE REVIEW: DECIPHERING THE GEMS OF INSIGHT!

NEW STYLE



Article reviewed by Dr.S.Raja Rajeswari Assistant Professor for Journal of Autonomous Intelligence on A Hybrid Model of Unsupervised and Supervised Learning for Multiclass Sentiment Analysis Based on Users' Reviews on Healthcare Web Forums

Article reviewed by Dr.S.Raja Rajeswari Assistant Professor for International Journal of Experimental Research and Review on "Feature selection in Microarray using proposed hybrid Minimum Redundancy-Maximum Relevance (MRMR) and Modified Genetic Algorithm (MGA)"

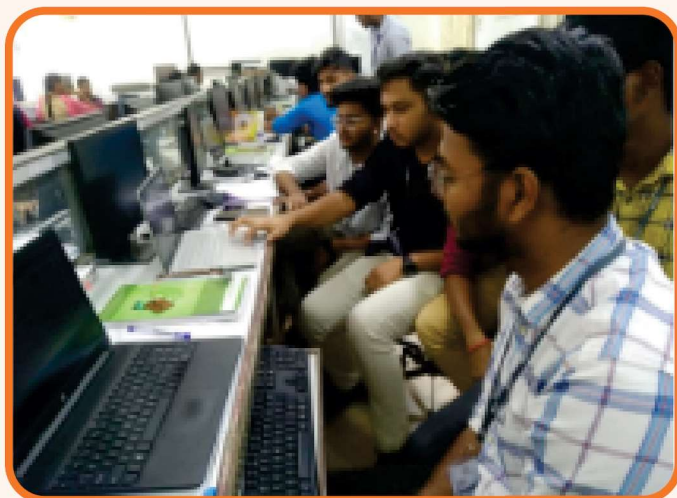
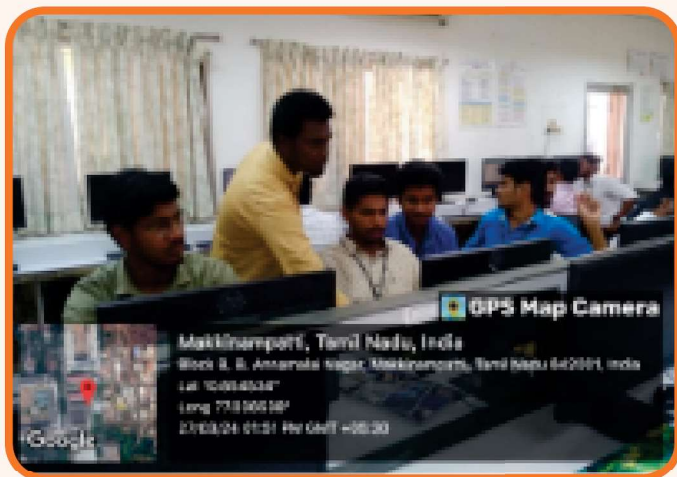
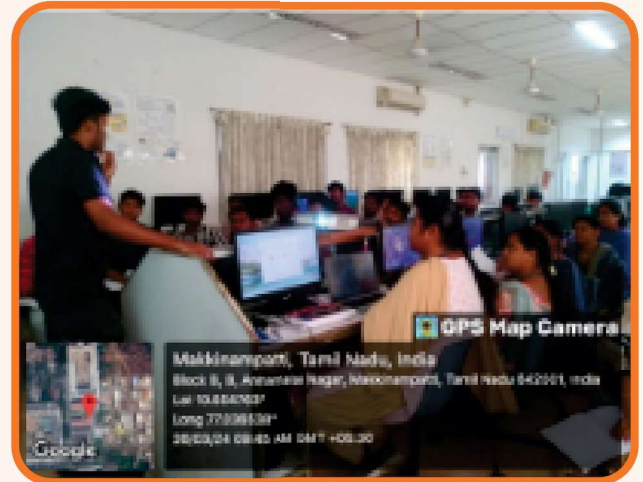


SKILL DEVELOPMENT PROGRAMS

Title: Hands on session on Advanced in IOT

Course code & title: 19CACN7202 & Advanced in IOT

Resource person: Mr. Bharani Chandru,
Project Engineer,
NoviTech R&D Pvt Ltd, Coimbatore.



Participants: I MCA students

Date: 26.03.2024 & 27.03.2024

Staff Coordinator : Ms.S.Divya Vahini

SKILL DEVELOPMENT PROGRAMS

Title: "Web Application Development using Angular"

Resource person: Mr. Dhaarun A G & Mr. Periyasamy P,
DMeX Solutions Private Limited,
Coimbatore.



Participants: I MCA students
Date: 26.03.2024 & 27.03.2024
Staff Coordinator : Ms.K.C.Theepika



INDUSTRY EXPEDITION

NEW STYLE

On 1 Year MCA students had the privilege to visit the Bharat Sanchar Nigam Limited (BSNL) office in Coimbatore on 07.05.2024. The visit aimed to provide students with practical insights into the operations of a telecommunications company and to facilitate learning beyond the classroom.



EDITORIAL BOARD

Editor-in-Chief:

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