

ABOUT THE INSTITUTION

Dr.Mahalingam College of Engineering and Technology (MCET) was established in the year 1998 by Dr.M.Manickam with a view to commemorate the 75th birth year of his beloved father Arutchelvar Dr.N.Mahalingam with a mission to impart high quality competency-based education in Engineering & Technology to the younger generation with the required skills and abilities to face the challenging needs of the industry around the globe. MCET is a self-financing, co-educational engineering college and is approved by AICTE, New Delhi & is affiliated to Anna University. The Institute has been accredited by NAAC with A++ grade in Cycle III (2023-2030), the highest grade. MCET currently offers 12 UG programmes, 6 PG programmes and 8 doctoral programmes with all eligible UG programmes are accredited with NBA Tier-1.

ABOUT THE DEPARTMENT

The department of Information Technology was established in 1999. The department offers B.Tech. (IT) programme with an intake of 120, which combines faculty with expertise in various fields and good laboratory facilities for imparting knowledge to the students. This enables students to face the challenging needs of industries and research institutions. The programme is accredited by NBA up to 2025. The faculty members of the department have over 250 publications in reputed conferences and journals like IEEE Transactions, Elsevier, Springer, IET, Wiley, etc. During the last five years, the department has conducted an International Conference sponsored by AICTE and a handful of National conferences, workshops, FDP's, seminars & skill training programs sponsored by AICTE, CSIR, PMKVY, Infosys, and TNSCST.

ORGANIZING COMMITTEE

Chief Patron

Dr. M. Manickam ,Chairman, MCET

Patron

Shri. M. Hari Hara Sudhan, Correspondent, MCET

Deputy Patron

Dr. C. Ramaswamy, Secretary, NIA Institutions

Chairperson

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Dean – Academics & Autonomous

Dr. S. Ramakrishnan M.E, PhD.,

Dean- Research & Innovation,

Dr. Calvin Sophistus King, M.Tech., Ph.D.,

Dean – Industry Relations and Talent Development

Coordinators

Dr. L.Meenachi

Asso.Prof & HoD-i/c IT,

Dr.S.Ponni @ Sathya, Asso.Prof /IT

Organizing Secretaries

Ms. K.Saranya, AP/IT

Ms.G.Saranya, AP/IT

Organizing Committee Members

Ms.P.Ponni,AP/IT

Ms.S.Selvanayaki, AP/IT

Ms.S.Deepa, AP/IT

Organized by

**DEPARTMENT OF INFORMATION TECHNOLOGY
Dr. MAHALINGAM COLLEGE OF ENGINEERING AND
TECHNOLOGY**

Udumalai Road, Pollachi - 642 003, Tamil Nadu

Fax : 04259 - 236070

Website : www.mcet.in

Two Days National Level Workshop on Scope of AI & Data Science from Application to Research

22-03-2024 & 23-03-2024



Two Days National Level Workshop

on

Scope of AI & Data Science from Application to
Research

Registration Form

Name :

Department:

Gender : Male / Female

Designation :.....

Organization :.....

Address for Communication :
.....
.....

Phone :.....

Email id :.....

Certificate will be provided for all the participants
who attends all the session.

Conversational AI vs Generative AI



About the Workshop

A workshop on AI & Data Science from application to research can cover a wide range of topics, from practical applications to cutting-edge research. Here's a suggested outline for the workshop:

1. **Introduction to AI & Data Science:** Exploring fundamental concepts, tools, methodologies, and technological applications aimed at addressing cognitive challenges linked to human intelligence.
2. **Conversational AI** emphasizes comprehension and response to human interaction, whereas generative AI concentrates on the generation of novel content.
3. **Execution of diverse algorithms** and their practical application utilizing Python.
4. **AI Tools:** Interactive session on crafting chatbots through practical engagement.
5. **Constructing AI Models:** Presenting real-world scenarios such as traffic monitoring, facial detection and recognition, and player positioning in soccer matches as case studies.

Important Dates:

Last date for registration: 17.03.2024

Confirmation of participation will be intimated to the selected participants on or before 18.03.2024 through email.

REGISTRATION FEE

Student Participants: Rs.600/-

Faculty members, Research scholars,
Industry Person: Rs.750/-

[Registration fees inclusive of 18% GST]

Contact Details

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Dr. MAHALINGAM
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Udumalai Road, Pollachi, Coimbatore District 642003
Established in 1998 | Approved by AICTE | Affiliated to Anna University
An Autonomous Institution Since 2011
(A DIVISION OF NIA EDUCATIONAL INSTITUTIONS)



Workshop Contents

- Introduction to Generative AI and Conversational AI
- Escalated the use of visual data in AI and data science
- Hands-on sessions on Developing chatbots and assistants in prompt engineering
- Reinforcement learning
- Statistical algorithm and model
- Demo on various real time applications

Resource Persons

Resource Persons from leading industries and reputed institutions will deliver lectures on AI & Data Science from Application to Research

