CHIEF PARTON

Er.S.Rajagopal, President,
Mannar Thirumalai Naicker College,
Madurai

Mr.M.Vijayaragavan, Secretary,
Mannar Thirumalai Naicker College,
Madurai.

PARTON

Dr.A.Ramasubbiah, Principal,
Mannar Thirumalai Naicker College,
Madurai.

Mr.C.Prabhu, Director,
Mannar Thirumalai Naicker College,
Madurai.

CONVENOR

Dr.M.Karthika, Head,
Department of Information Technology,
Mannar Thirumalai Naicker College,
Madurai.

CO-CONVENOR

Ms.R.Vasuki, Head,
Department of Artificial Intelligence,
Mannar Thirumalai Naicker College,
Madurai.

ORGANIZING SECRETARIES

Ms.R.Vanitha,
Dr.T.Sujithra, -Assistant Professors,
Department of Information Technology,
Mannar Thirumalai Naicker College,
Madurai.

ELIGIBILITY

Faculty Members / PG Students/ Research Scholars in the Depts. of CS / IT / BCA / AI from Arts & Science Colleges, Engineering Colleges and Universities.

REGISTRATION

Link: *https://forms.gle/XqdgyJzLWHcYum4j7*

Registration fee: Rs.100/-
GPay No. : 9944140289

Last date for registration: 20.03.2025

MODE OF CONDUCT: ONLINE

FOR FURTHER ASSISTANCE

Ms.R.Vanitha - 9944140289
Dr.T.Sujithra - 9585931555

Mannar Thirumalai Naicker College
(Autonomous)
Re-Accredited with 'A+' Grade by NAAC
Pasumalai,Madurai - 04

A FIVE DAY ONLINE FACULTY DEVELOPMENT PROGRAMME

on

COMPUTING TECHNIQUES FOR INDUSTRY 4.0

மன்னர் திருமலை நாயக்கர் கல்லூரி

ORGANIZED BY

DEPARTMENTS OF INFORMATION TECHNOLOGY & ARTIFICIAL INTELLIGENCE

DATE: 24.03.2025 TO 28.03.2025

ABOUT THE COLLEGE

Mannar Thirumalai Naicker College, Madurai was founded in the year 1974, named after the illustrious king 'Mannar Thirumalai Naicker', whose dictum was "To Rule is to Serve". This educational epitome was established by the untiring efforts of the philanthropic organization, 'Tamilnadu Naidu Mahajana Sangam'. The management and staff are committed to realize the vision of the college: "To mould the learners into accomplished individuals by providing them with a stimulus for social change". The College is conferred with Autonomous state in 2015 and reaccredited with 'A+' in 2025.

ABOUT THE DEPARTMENT

Department of Information Technology was established in 2001 as part of the self-financed stream and is affiliated to Madurai Kamaraj University. The department aims to reshape the prospect of the country by modelling IT personnel with moral and human values.

B.Sc Computer Science (Artificial Intelligence) was established in the year 2023 that focuses on providing students with a strong foundation in Computer Science and specialized training in AI and ML. Artificial Intelligence is a hot core field that is rapidly growing in the fast-changing world and powering for great industrial revolution.

OBJECTIVE OF THE FDP

Industry 4.0, also known as the Fourth Industrial Revolution, represents the integration of digital technologies into manufacturing processes, leading to smarter, more efficient systems. Several computing techniques are essential in enabling Industry 4.0 technologies, driving automation, connectivity, and data-driven decision-making. Here are some key computing techniques used in Industry 4.0:

- Internet of Things (IoT).
- Artificial Intelligence (AI) and Machine Learning (ML).
- Big Data Analytics.
- Cyber-Physical Systems (CPS).
- Cloud Computing.
- Edge Computing.
- Automation and Robotics
- Additive Manufacturing (3D Printing)
- Blockchain Technology.
- Digital Twins
- Augmented Reality (AR) and Virtual Reality (VR)
- 5G Networks

RESOURCE PERSONS

Dr. M.Pushpa Rani,
Professor & Director,
Department of Computer Science,
Mother Teresa University, Kodaikanal.
Topic: Advanced Machine Learning Techniques.

Dr.Kumar Chandar S,
Professor
School of Business and Management,
Bangalore Campus.
Topic: BlockChain In Business.

Mr. Naveen Ananda kumar Joseph Annaiah,
Data Engineer,
Tekinvaderz LLC, Florida , USA.
Topic: Cloud Data Engineering and AI: Applications and Future Scope.

Mr.K.K.Dilipkumar,
Founder & CEO,
Haso Technology, Sellers Spec- Simplified Commerce, Madurai.
Topic: Gen AI in Real world Applications.

Dr. R. Anandha Murugan,
Chief Technology Officer and Co-founder,
HRBluSky & Connect, Privity Group,
India & Dubai.
Topic: LIVE demo in AWS Cloud.