



Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

Approved by Government of Tamil Nadu & Accredited by NAAC with 'A ++' Grade (3rd Cycle - 3.64 CGPA)

Dr. N.G.P.-Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India.

AICTE Training and Learning Academy (ATAL)

Sponsored



Invitation

FACULTY DEVELOPMENT PROGRAMME (FDP)

on

**AI AND DATA SCIENCE FOR ECOLOGICAL SUSTAINABILITY:
INNOVATIVE PRACTICES AND APPLICATIONS**

15th to 20th September, 2025

Organized by

Faculty of Computer Science

Time : 9.00 am | Venue : Seminar Hall - 3

CHIEF GUEST



Dr. I. BALAKRISHNA

Joint Director / Scientist
Ministry of Electronics & Information Technology
Govt. of India

PRESIDENTIAL ADDRESS



Dr. NALLA G PALANISWAMI

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FELICITATION



Dr. O.T. BUVANESWARAN

CHIEF EXECUTIVE OFFICER
Dr.NGPRET



Dr. P.R. MUTHUSWAMY

DIRECTOR - ACADEMICS
Dr.N.G.P. EDUCATIONAL INSTITUTIONS



Dr. S. SARAVANAN

PRINCIPAL
Dr.N.G.P. ARTS AND SCIENCE COLLEGE



Dr SARAVANA KUMAR C S
Senior Tech Lead
Bosch Global Software Technologies
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Professor and Head
Department of Information Technology
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Mr. HEMANTH S.B
Data scientist - SME Regional Head
RUBIXE- Datamites Global Training Institute
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Dr. KARTHIKEYAN N K

Professor and Head
Coimbatore Institute of Technology, Coimbatore



Mr. CHRISTOPHER P
Cyber Security Specialist
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Professor, Department of CSE
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Mr. KISHORE M

Senior Data Engineer
Altimetrik India Pvt Ltd, Chennai



Dr. MIRACLIN JOYCE PAMILA J C
Professor, Department of CSE and IT
Government College of Technology, Coimbatore

PROGRAMME SCHEDULE

Inauguration 15.09.2025 (09.00 AM - 09.30 AM)

Dr. I. Balakrishna

Joint Director, Ministry of Electronics and Information Technology, Govt. of India, New Delhi.

15.09.2025	16.09.2025	17.09.2025
9:30 am – 12:00 pm Session 1 Dr. Balakrishna I Joint Director Ministry of Electronics and Information Technology Topic: Introduction to Responsible AI and Data Science	9:30 am – 12:00 pm Session 3 Dr. Saravana Kumar C S Senior Tech Lead Bosch Global Software Technologies Topic: AI and Data Science Driven Research Tools & Platforms	9:30 am – 12:00 pm Session 5 Mr. Christopher P Cyber Security Specialist Novo Nordisk India Private Limited Topic: Green AI: Developing energy-efficient AI models
12:00 pm – 1:00 pm Article Discussion	12:00 pm – 1:00 pm Article Discussion	12:00 pm – 1:00 pm Article Discussion
1:00 pm – 2:00 pm Lunch	1:00 pm – 2:00 pm Lunch	1:00 pm – 2:00 pm Lunch
2:00 pm – 4:30 pm Session 2 Dr. Uma Maheshwari K Professor and Head PSG College of Technology Topic : Data Science Policy Frameworks for Sustainability	2:00 pm – 4:30 pm Session 4 Dr. Karthikeyan N K Professor and Head Coimbatore Institute of Technology Topic: Future Trends in Responsible AI & Data Science	2:00 pm – 4:30 pm Session 6 Dr. Miraclin Joyce Pamila JC Professor, Government College of Technology Topic: Ethical Responsible AI & Research Practices
4:30 pm – 5:30 pm Hands on training	4:30 pm – 5:30 pm Hands on training	4:30 pm – 5:30 pm Hands on training
18.09.2025	19.09.2025	20.09.2025
9:30 am – 12:00 pm Session 7 Mr. Hemanth S.B Data scientist - SME Regional Head RUBIXE - Datamites Global Training Institute Topic: AI privacy and Ethical governance	9:00 am – 1:00 pm Industrial Visit Datamites Global Training Institute 1326/1, Avinashi Rd, Peelamedu, Coimbatore, Tamil Nadu 641006	9:30 am – 12:00 pm Session 10 Mr. Kishore M Senior Data Engineer Altimetrik India Pvt Ltd Topic: Data Engineering Frameworks and Architecture
12:00 pm – 1:00 pm Article Discussion		12:00 pm – 1:00 pm Article Discussion
1:00 pm – 2:00 pm Lunch	1:00 pm – 2:00 pm Lunch	1:00 pm – 2:00 pm Lunch
2:00 am – 4:30 pm Session 8 Dr. Amshakala K Professor Coimbatore Institute of Technology Topic: Innovations, Practices and Applications in environmental monitoring	2:00 am – 4:30 pm Session 9 Dr. Shana J Professor and Head Coimbatore Institute of Technology Topic: Frameworks for oversight, monitoring, and ethical Responsible AI deployment.	2:00 pm – 4:00 pm MCQ & Reflection Journal
4:30 pm - 5:30 pm Hands on training	4:30 pm - 5:30 pm Hands on training	4:00 pm – 5:00 pm Valedictory

Coordinator : Dr. J. Savitha, Professor, Department of Information Technology

Co- coordinator : Dr. C. Kumuthini, Professor, Department of Computer Applications