



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

Faculty of Computer Science

&

PC Hardware and Networking Lab

Jointly Organizes

TWO DAY FACULTY DEVELOPMENT PROGRAMME

on

Artificial Intelligence and Machine Learning

November 08th & 09th, 2023

ORGANIZING COMMITTEE

Patrons

Dr. Nalla G. Palaniswami M.D., A.B., (USA)

Chairman, Dr NGP Research and Educational Trust

Dr. Thavamani D. Palaniswami M.D., A.B.

Secretary, Dr. N.G.P. Arts and Science College

Dr. O.T. Buvaneswaran MA., M.Phil., MBA., Ph.D.

Chief Executive Officer

Dr. K. Ramamurthi

Principal, Dr. N.G.P. Arts and Science College

Dr. S. Saravanan

Vice - Principal, Dr. N.G.P. Arts and Science College

STEERING COMMITTEE

Dr. F. Mary Magdalene Jane, Dean - Computer Science

Dr. D. Geetharamani, Dean - Academic

Dr. K. Kalimuthu, Dean - R&D

Dr. M. Venkatesh Kumar, Associate Dean - Students Affairs

Dr. P.B. Banudevi, Dean - Commerce

Dr. Meera Raman, Dean i/c - Basic and Bio Science

COORDINATOR

Mr. S. Poorana SenthilKumar, PCHNLAB

Time : 09.00 a.m.

Venue : Computer Lab XVI

OBJECTIVES:

- To introduce the foundations and state-of-the-art techniques of AIML
- To dissertate current scenarios of AI & ML in across the world
- To bring in the practical insights into the current development of the field

OUTCOMES:

- Demonstrate awareness and a fundamental understanding of various applications of AIML techniques
- Use different machine learning techniques to design AI machines and developing applications

Day I

Session 1 : **Machine Learning Introduction, Supervised Learning and Unsupervised Algorithm**

Session 2 : **Supervised Learning Algorithm and Predictive Algorithm using Python**

Session 3 : **Supervised Learning Algorithm and Classification Algorithm using Python**

Session 4 : **Unsupervised Learning and Association Rule**

Day II

Session 5 : **Power BI - Timeseries Aggregation and Filters**

Session 6 : **Power BI - Leveraging Custom Visuals Power BI integrated with Artificial Intelligence**

Session 7 : **HR Analytics - Automation of Recruitment Process**



Resource Person

Dr. R. Dinesh Babu B. Tech., MBA., Ph.D.,

Managing Director
Brainswig Edutech Pvt Ltd , Chennai.

ALL ARE CORDIALLY INVITED