



DHARMAMURTHI RAO BAHADUR CALAVALA CUNNAN CHETTY'S HINDU COLLEGE

(AN INSTITUTION AFFILIATED TO THE UNIVERSITY OF MADRAS)

PATTABIRAM, CHENNAI - 600072



Cordially Invites You

TO THE

SEMINAR

Organized by

DEPARTMENT OF
COMPUTER SCIENCE
WITH DATA SCIENCE

ON

“Deep Learning using Python”

RESOURCE PERSON



Name : Mr. P. Murugesan

Designation : Founder and CEO

Organization : Tulsi Analytics, Chennai



DATE

10 - Aug - 2026



TIME

11 : 00 AM



VENUE

DMB Lab

Dr.N.Rajendra Naidu
Director

Dr.G.Kalvikkarasi
Principal

Sri.M.Venkatesaperumal
President & Honorary Secretary

FACULTY MEMBERS

- Mrs. J. Malarvizhi
- Dr. B. Padmini
- Mrs.K. Arivuchelvi
- Mr. M. Dayalan

Member of Trust Board

Sri.M. Venkatesaperumal,
President &
Honorary Secretary

Sri M.V. Cunniah Chetty,
Managing Trustee

Dr. Pravin Tellakula : Dr.R.Balaji Gupta : Sri G.Chandramohan

Sri Ramesh Chitralla : Sri B.Gautham : Sri C.Parankusam

Sri Veeraraghava Mukkala

Dr. Vupputur Shakthi Akash Raj

Dr. D. Lakshminarayanan
Head



ABOUT THE SEMINAR



HIGHLIGHTS

This seminar introduces deep learning concepts and their practical implementation using Python. It covers AI, ML, ANN, and deep learning architectures with hands-on exposure to NumPy, Pandas, TensorFlow, Keras, and PyTorch. Participants will explore real-world applications such as image classification, NLP, computer vision, and predictive analytics through expert talks and interactive coding sessions.

LEARNING OUTCOMES

At the end of the seminar, participants will be able to:

1. Understand the core concepts of AI, ML, and Deep Learning.
2. Develop and implement Deep Learning models using Python.
3. Perform data preprocessing, model training, validation, and evaluation.
4. Apply Deep Learning techniques to solve real-world problems.
5. Explore career and research opportunities in AI, Data Science, and Machine Learning.



DEEP LEARNING



COMPUTER VISION



NATURAL LANGUAGE PROCESSING



PREDICTIVE ANALYTICS



INTELLIGENT AUTOMATION

1. CRITERION 3 (RESEARCH, INNOVATIONS, AND EXTENSION)

- Promotes research culture and innovation among students and faculty.
- Encourages interdisciplinary and collaborative research.
- Supports development of impactful solutions for societal and industry challenges.
- Facilitates extension activities and community engagement through technology.



2. SDG 4 & 9

4 QUALITY EDUCATION



SDG 4 – Quality Education

Advancing inclusive and equitable quality education and promoting lifelong learning opportunities for all through cutting-edge technologies like AI and Deep Learning.

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



SDG 9 – Industry, Innovation and Infrastructure

Building resilient infrastructure, promoting inclusive and sustainable industrialization, and fostering innovation through research and technological advancement.

ABOUT THE RESOURCE PERSON



Mr. P. Murugesan is the Founder & CEO of Tulsi Analytics, Chennai, and an accomplished academician, management consultant, and corporate trainer with over four decades of experience in higher education, research, and industry. He has served in several prestigious academic leadership positions, including Dean of Management Studies, PGDM Chairman, and Assistant Professor, and has been a visiting faculty member at renowned institutions such as IIRA, XIMB, Chennai, and Sankara Nethralaya Medical Research Foundation. A specialist in Artificial Intelligence, Machine Learning, Deep Learning, Data Science, Business Analytics, Econometrics, and Research Methodology, he has conducted numerous workshops and delivered invited lectures at leading institutions including IIT Madras, NIT Tiruchirappalli, University of Madras, SSN University, Bharata Matha College, PSG Institutions, Kongunadu Engineering College, and RVS Engineering College.

He is also a Certified Six Sigma Black Belt Consultant, accomplished researcher, and lifetime member of several professional bodies, making him a distinguished expert in analytics and AI-driven technologies. His commitment to knowledge sharing and practical learning continues to inspire students, researchers, faculty members, and industry professionals across the country.