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INSTITUTE OF SCIENCE & TECHNOLOGY
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PROGRAMME REPORT ON

Faculty Empowerment-Harnessing Neural Networks

Resource Person

**Dr. P. ANTONY SEBA Assistant Professor in AI & DS Kumaraguru
College of Technology Coimbatore-641049 Tamil Nadu, India.**

Organized by

INFORMATICS- PMIST



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DEPARTMENT OF INFORMATICS

Faculty of Computing Science and Applications (FCSA)

EVENT REPORT

1.	Event Category (Seminar / FDP / STTP / Workshop / Conference /...)	Faculty Empowerment Series (FES)
2.	Title of the Programme	“Harnessing Neural Network”
3.	Period: <ul style="list-style-type: none">• Date (From ___ to ___)• Time	<ul style="list-style-type: none">• 01 February 2025• 9.30 AM to 12.30 PM
4.	Beneficiaries: <ul style="list-style-type: none">• In-house / Others / Both• Students / Faculty / Staff	<ul style="list-style-type: none">• In-house• Faculty
5.	NAAC / NBA / NIRF/ Others	Neural Network in Deep Learning
6.	Associated SDG(s)	4, 8, and 9
7.	Mode: <ul style="list-style-type: none">• Offline / Online• Venue / Online Platform	<ul style="list-style-type: none">• Offline• Charles Babbage Hall (PKC 204)
8.	Coordinator(s) / Co-Coordinator(s)	Convener & Coordinator(s): Dr. A. MUTHAMIZH SELVAN Head and Associate Professor Department of Informatics Co-Coordinator(s): Mrs. S. SARMATHI Asst. Prof. Department of Informatics
9.	Resource Person(s)	Dr. P. ANTONY SEBA Assistant Professor in AI & DS Kumaraguru College of Technology Coimbatore-641049 Tamil Nadu, India.
10.	Number participants	<ul style="list-style-type: none">• Total Faculty : 30

HARNESSING NEURAL NETWORKS

The Department of Informatics organized a Faculty Empowerment Series programme titled “Harnessing Neural Networks” on February 01, 2025. Dr. A. Muthamizh Selvan, Head and Associate Professor, Department of Informatics, welcomed the participants, emphasizing the relevance of Neural Networks in current technological trends and appreciating the expertise of the resource person, Dr. P. Antony Seba, Assistant Professor in AI & DS, Kumaraguru College of Technology, Coimbatore.

The session aimed to equip faculty members with essential knowledge and skills in Neural Networks. It was highly interactive, providing participants with hands-on experience and practical insights into Neural Network applications. This initiative aligns with the United Nations Sustainable Development Goals (SDGs), particularly SDG 4: Quality Education, SDG 8: Decent Work and Economic Growth, and SDG 9: Industry, Innovation, and Infrastructure.

The programme was convened and coordinated by Dr. A. Muthamizh Selvan, Head and Associate Professor, and co-coordinated by Mrs. S. Sarmathi, Assistant Professor, with the support of all faculty members from FCSA, PMIST.

Objectives:

- To introduce Neural Network concepts in Deep Learning.
- To cover Single-Layer Perceptron and Multi-Layer Perceptron.
- To enhance skills in Convolutional Neural Networks (CNN).
- To improve faculty knowledge in Neural Networks.

Outcomes:

- Faculty members gained a comprehensive understanding of Neural Networks.
- Acquired knowledge of Deep Learning techniques.
- Improved skills in Single-Layer Perceptron, Multi-Layer Perceptron, Chain of Neurons, and Convolutional Neural Networks (CNN).



EVENT BROCHURE



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Harnessing Neural Networks

Faculty Empowerment Series

Resource Person

Dr. P. ANTONY SEBA

Assistant Professor
Dept. of AI & Data Science
Kumaraguru College of Technology
Coimbatore, Tamil Nadu - 641049.

Don't miss it!



1 - February - 2025

9.30 AM - 12.30 PM

Charles Babbage Hall (PKC 204)

Department of Informatics

 www.pmu.edu

Convener Coordinator

Dr. A. Muthamizh Selvan
Associate Professor & Head

Coordinator

Mrs. S. Sarmathi
Assistant Professor

EVENT SCHEDULE



DEPARTMENT OF INFORMATICS

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Harnessing Neural Network

01-02-2025 (1-day)

09.30 am - 12.30 pm @ Charles Babbage Hall (PKC 204)

PROGRAM SCHEDULE

01-02-2025 (SATURDAY)

- 09.30 am - Welcome address : **Dr. A. MUTHAMIZH SELVAN**
Head & Associate Professor in Informatics.
- 09.40 am - Guest Introduction : **Dr. A. MUTHAMIZH SELVAN**
Head & Associate Professor in Informatics.
- 09.45 am - Session I : **Overview of Neural Networks**
Resource Person:
Dr. ANTONY SEBA
Assistant Professor in AI & DS
Kumaraguru College of Technology
Coimbatore-641049.
- 11.00 am - Tea Break
- 11.15 am - Session II : **Conventional Neural Networks**
Resource Person:
Dr. ANTONY SEBA
Assistant Professor in AI & DS
Kumaraguru College of Technology
Coimbatore-641049.
- 12.30 pm - Vote of thanks : **Mrs. S. SARMATHI**
Assistant Professor in Informatics

Thank You.

PARTICIPANTS ATTENDANCE

DEPARTMENT OF INFORMATICS

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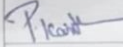
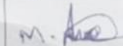
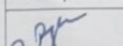
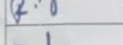
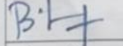
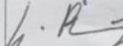

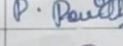
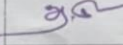
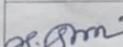
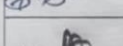
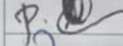


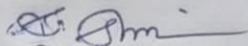
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Faculty Empowerment Programme on HARNESSING NEURAL NETWORKS

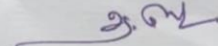
On 01.02.2025 @ Venue: Babbage Hall (PKC 204)

Sl. No	Name of the Faculty	Designation	Department	Signature
1.	Dr. CHRISTY SUJATHA D	Associate Professor	Computer Science	
2.	Dr. CHANDRAKUMAR PETER M	Assistant Professor (SG)		
3.	Dr. THIYAGARAJAN K	Assistant Professor (SS)		
4.	Mr. JEEVA A	Assistant Professor		
5.	Dr. JEYABHARATHY S	Assistant Professor (SG)		
6.	Ms. PRIYA V	Assistant Professor		
7.	Ms. GOMATHI U	Assistant Professor		
8.	Ms. RAJAYOGESWARI R	Assistant Professor		
9.	Ms. SARANYA R	Assistant Professor		
10.	Ms. SUBHA R	Assistant Professor		
11.	Ms. SATHYA V	Assistant Professor (SS)		
12.	Ms. NIRMALA M	Assistant Professor		
13.	Dr. ANUSHA P	Assistant Professor (SS)		
14.	Ms. SWATHI M	Assistant Professor	Computer Applications	
15.	Ms. AMRUTHA K	Assistant Professor		
16.	Dr. IMMACULATE MERCY A	Assistant Professor (SG)		
17.	Ms. LOGESH T	Assistant Professor		
18.	Dr. Ms. PREETHI G	Assistant Professor (SG)		

Sl. No	Name of the Faculty	Designation	Department	Signature
19.	Mr. KARTHIK P	Assistant Professor	Informatics	
20.	Mr. ANAND M	Assistant Professor		
21.	Mr. PRAGADEESH R	Assistant Professor		
22.	Ms. LAVANYA B	Assistant Professor		
23.	Ms. REVATHI G	Assistant Professor		
24.	Ms. POMMITHA P	Assistant Professor		
25.	Dr. MUTHAMIZH SELVAN A	Associate Professor and Head		
26.	Ms. SARMATHI S	Assistant Professor		
27.	Ms. SEETHA P	Assistant Professor		
28.	Dr. RAJKUMAR V	Assistant Professor (SG)		
29.	Ms. SATHYAVENI N	Research Scholar		
30.	Ms. SHAMILI S	Research scholar		


Coordinator

(S. SARMATHI) / AP
Dept. of Informatics


HOD

Head of the Department
Department of Informatics
Panyar Manammar Institute of Science & Technology
Panyar Nizhar, Vellam, Thozhuvur,
TamilNadu - 614633, India.



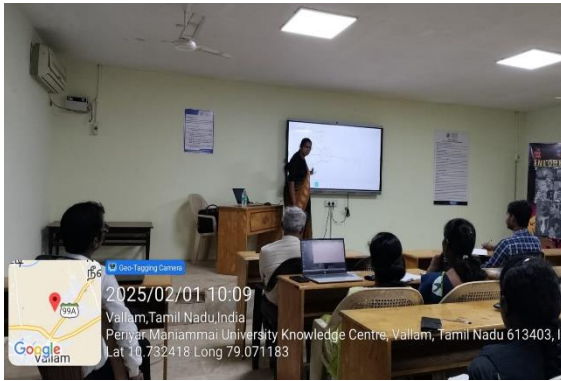
EVENT FOOTAGES



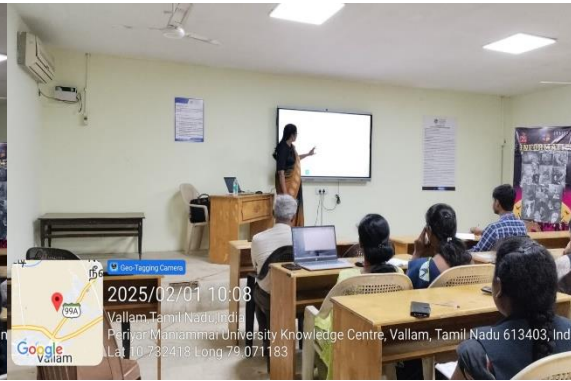
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01-02-2025


Co-coordinator
Mrs. S. SARMATHI


Coordinator and Head
Dr. A. MUTHAMIZH SELVAN
Head of the Department
Department of Informatics
Periyar Maniammai Institute of Science & Technology
Periyar Nagar, Vallam, Thanjavur,
TamilNadu - 613403, India.

