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**OFFICE OF THE DIRECTOR OF FACULTY DEVELOPMENT CELL**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY - GURAJADA VIZIANAGARAM**  
**VIZIANAGARAM-535 003, Andhra Pradesh(India)**  
 (Established by Andhra Pradesh Act No. 22 of 2021)

**Programme Schedule for 5 Day FDP “Current Trends In Artificial Intelligence And Engineering Applications In The Area Of Machine Learning And Deep Learning”**

Day	Sessions	Timings	Topic
<b>Day-1</b> <b>06-02-23</b>	Session 1	10:00AM-11:00 AM	<b>Inauguration</b>
	Session 2	11:10AM-01:00PM	Multi Objective Evolutionary Algorithms and Applications
	Session 3	02:00PM-03:30PM	Association Rule Learning and Applications
	Session 4	03:40PM-05:00PM	Research towards Machine Learning
<b>Day-2</b> <b>07-02-23</b>	Session 1	10:00AM-11:30 AM	Research Methodology
	Session 2	11:40AM-01:00PM	Neural networks to deep learning: An Introduction
	Session 3	02:00PM-03:30PM	Building Deep Learning models for autonomous cars: A research and design perspective
	Session 4	03:40PM-05:00PM	Biometrics and applications
<b>Day-3</b> <b>08-02-23</b>	Session 1	10:00AM-11:30 AM	Deep learning for speech processing
	Session 2	11:40AM-01:00PM	Research opportunities and funding & IPR
	Session 3	02:00PM-03:30PM	Deep Learning Concepts & Applications
	Session 4	03:40PM-05:00PM	Transfer Learning for NLP
<b>Day-4</b> <b>09-02-23</b>	Session 1	10:00AM-11:30 AM	Applications of Machine learning & available architectural frame works
	Session 2	11:40AM-01:00PM	National education policy and accreditations
	Session 3	02:00PM-03:30PM	Deep Learning based Object Detection Models
	Session 4	03:40PM-05:00PM	
<b>Day-5</b> <b>10-02-23</b>	Session 1	10:00AM-11:30 AM	AI for neuro science
	Session 2	11:40AM-01:00PM	AI for neuro science
	Session 3	02:00PM-03:30PM	<b>QUIZ</b>
	Session 4	03:30PM-05:00PM	<b>Valedictory</b>

**LUNCH BREAK - 01:00 PM TO 02:00PM**