



Gokaraju Rangaraju Institute of Engineering and Technology (Autonomous)

Academic year 2022-23

Department Name: AIMLE

GRIET/DFDP/FTDC/ESR/2022-23/1

EVENT SUMMARY REPORT

Nature of the Event	Guest Lecture
Title/Theme of the Event	"Applications of Artificial Intelligence in Image Processing"
Details of the Coordinator	Dr.G.Karuna, Professor, AIMLE Department, GRIET Ms. Preethi Vennam, Assistant Professor.
Dates of Event/Schedule	25 Aug 2022
Details of the Speaker/Guest Name: Organization:	Dr.D.V. Ramana Data Strategist- Consultant and Academic Advisor Pallavi Engineering College.
Target Audience 1.Teaching 2.Non-Teaching 3.Students	20 100
Summary of the Event	<p>Speaker gave an excellent presentation on Applications of Artificial Intelligence in Image Processing in his 2 Hours lecture for students and faculty, and encouraged to take up projects in this latest trending technology. Speaker presented lecture about the challenges and ways of implementing the concept of Artificial Intelligence and machine learning algorithms such as ANN, GP, SOM, SVM and Decision tree in the process of image processing. The image processing technique performs operations such as extracting the specific features of an object for developing applications in various fields.</p> <p>Some case studies presented during the lecture are:</p> <ul style="list-style-type: none">• Recognition of mineral grains from an RGB image• Medical Image retrieval system.• Traffic sensing Technologies• Image reconstruction• Parking Management
POs attained with the Event Number and Description	<p>PO 1: Apply the knowledge of mathematics, science and engineering fundamentals for complex problem solving in Data Science.</p> <p>PO 12: Recognize the need for, and have the ability to engage in life-long learning in the broadest context of Technological change.</p>

<p>Event Photographs (Both hard and soft copy)</p>	
<p>Model Participation Certificate copy</p>	
<p>Brief feed-back Report</p>	<p>70-Excellent 30-Can be more relatable with Hands on session</p>

Signature of Coordinator

Signature of HOD