



**PARVATHAREDDY BABUL REDDY
VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC)
KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(UG-Accredited by NBA)

CERTIFICATE COURSE- REPORT

DEPARTMENT	: ECE
EVENT	: Workshop
PARTICIPANTS	: IV B.Tech ECE Students
TITLE OF PROGRAMME	: Image processing with Python
Resource Persons	: Dr. M. Koteswara Rao, Data scientist, Wipro Limited.
DATE	: 19/09/2024 to 21/09/2024
TIME	: 09:00 A.M. to 04:30 P.M.

OBJECTIVES:

- To enable participants to perform basic image manipulations.
- To guide participants in implementing morphological operations, image segmentation, and geometric transformations.

REPORT:

Workshop was organized by the department of ECE on “**Image processing with Python**”. In this program 125 students and 06 faculty members were attended for this program.

Dr. M. Koteswara Rao, emphasized a few key points on the significance of Python in the field of image processing.

OUTCOMES:

- Understand key image processing concepts and techniques.
- Be proficient in using Python libraries for image processing tasks.
- Be able to apply filtering, edge detection, and object segmentation techniques.
- Build and implement image processing solutions for practical applications.

DESCRIPTION OF THE EVENT:

This 3-day workshop offers an introduction to the world of image processing using Python. It is designed for students with basic programming knowledge who want to explore how images can be analyzed, processed, and transformed with Python's powerful libraries.

FEEDBACK/ SUGGESTIONS:

This workshop has laid a solid foundation for students to explore more complex image processing projects, and many expressed interest in attending more advanced sessions in the future.

FACULTY IN CHARGE

HEAD OF THE DEPARTMENT



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**Workshop on
Image processing with Python**

Date(s): 19-09-2024 to 21-09-2024

PHOTOS:





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