

Virtual Guest Lecture on

'Image Processing'

Organized by: Department of Computer Science

17.03.2022

The UG department of Computer Science & Applications organized a guest lecture on **Image Processing** by **Dr.C.NAGARAJU** Prof. Dept. of **CSE, Yogi Vemana University, Kadapa A.P** on 17th March, 2022 @ 4:00 P.M for Second Year & Final Year students of Data Science.

Objectives:

- Operations of Image Processing
- Methods in Image Processing
- Applications of Image Processing

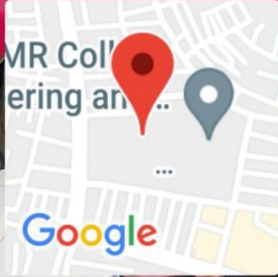
Brief Talk of the Resource Person:

He started his lecture by demonstrating Image Processing means processing of image is called image processing. He explained about various qualities of making an image, operations and methods of image processing. At the end of the session he explained many real time applications of image processing.

Outcomes:

- Quality of image
- Manipulation of images : operations like low level, middle level and high level
- Methods in image processing like
 - Optical image processing
 - Analog image processing
 - Digital image processing
- Application of image processing
 - MRI (Brain Tumour)
 - Image Enhancement
 - Image Morphing
 - Digital Signature Verification
 - Document analysis process
 - Number plate detection
 - Abnormality detection
 - Palm print verification
 - Texture analysis and classification
 - Virtual retinal display
 - Interpretation ambiguity etc

In the conclusion, he explained the importance of setting a goal and choosing the career best.



Vijayawada, Andhra Pradesh, India

Opposite Sinivas Mahal theatre, KBN college road, 520001, Vinchipeta,
Vijayawada, Andhra Pradesh 520001, India

Lat 16.524002°

Long 80.612578°

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GPS Map Camera



Vijayawada, Andhra Pradesh, India

Shop No. 2, Sri Ganesh Nilayam, Shaik Raja Hospital Rod, Kothapet,
Vinchipeta, Vijayawada, Andhra Pradesh 520001, India

Lat 16.523639°

Long 80.612382°

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GPS Map Camera

Dr. C. NAGARAJU Prof. Dept of CSE, Yogi Vemana University, Kadapa A.P