

Shri Sant Gajanan Maharaj College of Engineering Shegaon
Department of Electronics and Telecommunication Engineering

Link of Video:

https://drive.google.com/drive/folders/1gkJN9Roe_fuYMbw4CApkK7Ee-PgqTVIH?q=sharedwith:public%20parent:1gkJN9Roe_fuYMbw4CApkK7Ee-PgqTVIH

Course Title & Course Code: Digital Image Processing (7ET02)

Class: Final Year (4U1) – 2021-22

Semester: VII

Name of the Course Teacher: Dr. M.N. Tibdewal

Title of the innovative practice: Video lectures (Available on-line)

Objectives/Goals of the practice:

The primary goal of this innovative teaching practice is:

1. To enhance conceptual understanding about DIP fundamentals including enhancement techniques.
2. To demonstrate the visual image processing to illustrate the step-by-step matrix operations through MATLAB programming.

Use of Appropriate Methods:

To achieve the stated goals, the following methods were implemented:

1. The Video was created using active presenter application and was uploaded on google drive.
2. Students were provided with the link of google drive video before the class.
3. Students were informed to check the link before coming to class to enhance understanding.
4. Mini projects were given as Assignments to assess the student understanding

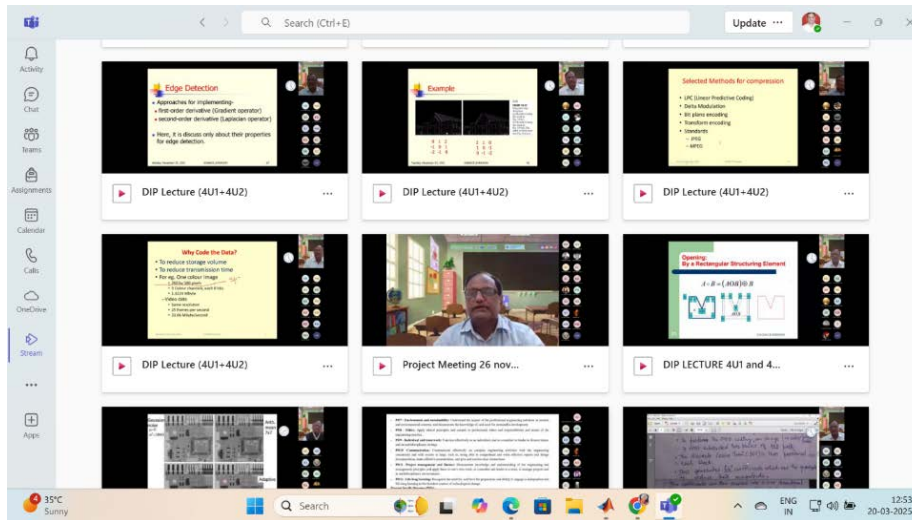
Significance of Results:

5. Improves conceptual, practical clarity with audio/visual learnings.

Effective Presentation:

1. Link was shared with all students.
2. Mini projects and short quiz were conducted to assess student understanding.

Photo of the activity



PO's & PSO's Mapped: PO1, PO5, PO6, PO9 and PO11

Reflective Critique:

The link of video was shared with other faculty members.

Dr. J.M. Patil, CSE Dept.

He has suggested to provide more analytical approach.

Evidences of success:

Increased Student Engagement :75% of students have gone through the video and actively participated in the mini-projects.

Challenges faced during implementation:

It is hard to keep a track of students who were watched the video attentively.

If students do not understand part of the video, they are hardly asked the questions, thus the advantage of real time support of live lecture is missing.

Link for the Peer Feedback and Crique:

https://docs.google.com/forms/d/e/1FAIpQLSeNrHHsdyB75RQ0u5Oomsc5_6fQM2ebWcB BpMcqNdTjbD7W-Q/viewform?usp=dialog

Link for Feedback/Survey from students:

https://docs.google.com/forms/d/1jZ1Czo5X4Q8A3z8FvQYF3uC0Gv22_gMar8gCb60Ceu0/prefill