

B.N.M. Institute of Technology

Bengaluru – 560070

Innovative teaching methods

Title of Innovative method/ activity: Crossword

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Designation: Assistant Professor

Goals / Objective of method: Activity based learning methods like **crossword** help kindle interest in students to learn topics which are very elaborate, in a quick manner. The topic on Applications of Image processing is very vast and detailed. In order to facilitate the students to go through the applications listed in the text, this method of crossword was designed to facilitate learning this topic.

Description of method: A crossword was prepared on the topic of Applications on Image processing. The topic was informed to the students in advance. The students came prepared on the topic. Each student had to solve the crossword in the stipulated time. Words across and down should be guessed by the students based on the hints given.

Benefits of method: These activities will help students to remember the keywords of the various topics, upon which they can further elaborate and answer questions well, in the exams.

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B.N.M. Institute of Technology

Department of Electronics and Communication Engineering

Crossword Puzzle

Subject Name:

Subject Code:

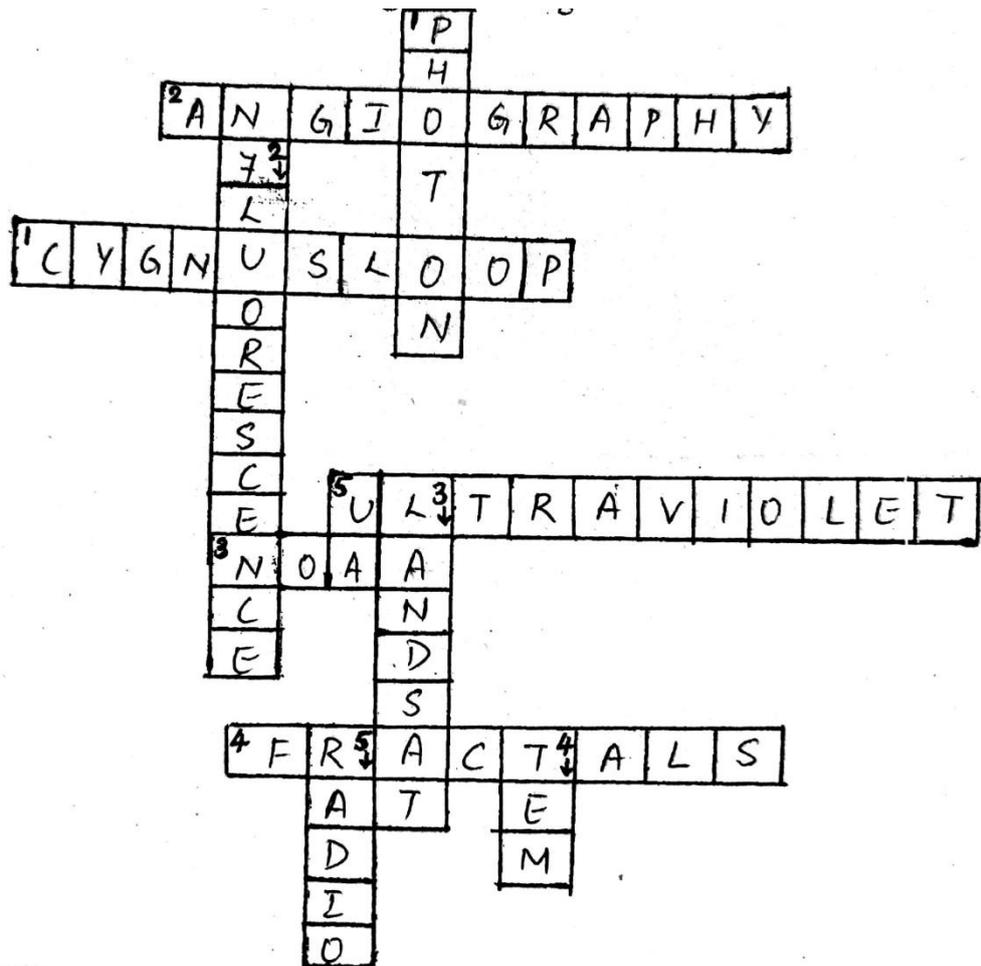
Date:

Student Name:

USN:

Semester:

Topic: Examples of fields that use Digital Image Processing



Across

1. A superheated stationary gas cloud that glows in a spectacular array of colours.
2. Application in an area called Contrast enhancement radiography.
3. A satellite that captured the image of Hurricane Katrina, one of the most devastating storms in recent memory in the Western Hemisphere.
4. They are examples of computer generated images.
5. The light which is used in fluorescence microscopy.

Down

1. Bundle of energy
2. A method for studying materials that can be made to fluoresce either naturally or using chemicals.
3. NASA's satellite that obtains and transmits images of the Earth from space for purposes of monitoring environmental conditions on the planet.
4. This works like a slide projector.
5. The band to which Magnetic Resonance Imaging belongs.