



VI SEMESTER B.TECH. (PRINT AND MEDIA TECHNOLOGY)

END SEMESTER EXAMINATIONS, APRIL 2018

SUBJECT: PE – IV DIGITAL PHOTOGRAPHY [PMT 4008]

**REVISED CREDIT SYSTEM
(26/04/2018)**

Time: 3 Hours

MAX. MARKS: 50

Instructions to Candidates:

- ❖ Answer **ALL** the questions.
- ❖ Missing data may be suitable assumed.

- 1A.** What are the things to be kept in mind when shooting architecture and interiors?
- 1B.** Explain different equipment's available for studio lighting.
- 1C.** Compare the pros and cons of CCD and CMOS sensors.

[02 + 04 + 04]

- 2A.** Explain 2 artificial light sources used in photography.
- 2B.** With a help of a neat diagram explain the construction of a technical camera.
- 2C.** Discuss the common technical mistakes that occur when taking a photograph.

[02 + 04 + 04]

- 3A.** Explain the different types of memory cards available for photography.
- 3B.** With the help of a neat diagram explain the relationship between focal length and focal angle.
- 3C.** With a help of a neat diagram explain the working of an LED.

[02 + 04 + 04]

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- 4A.** What are Tilt-Shift Lenses? What are their uses?
- 4B.** Explain the common image formats used in photography.
- 4C.** Explain the advantages of digital camera.

[02 + 04 + 04]

- 5A.** Explain the two basic types of CMOS image sensors.
- 5B.** Explain the steps involved in basic image management.
- 5C.** Describe different types of camera angles and shots used during photography.

[02 + 04 + 04]