

# PHOTOGRAPHY

**Programme Director: Mr Avishek Suman**

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**Duration of the Course: 60 hours (Credits: 2)**

**Course Fee: Rs. 4500/- for Josephites; Rs. 5,500/- for outside students**

**Note: Camera not compulsory**

**Objective:** This course will provide students a comprehensive introduction to photography, including both aesthetic and technique. Students will understand how photographic camera works and records images. This course also provides an understanding of the visual and technical skills necessary to pursue and appreciate photography as an art.

## Syllabus

**Practical:** Composition technique and themed photographs **(20 hours)**

### Theory

**Unit 1:** History of photography and prominent photographers: background, early history and development of digital photography. Types of Photography and techniques. **(5 hours)**

**UNIT 2:** Understanding Image: Types of shots: distance, angle and movement; digital image basics: image format, resolution, aspect ratio, Pixels, DPI and PPI; composition and aesthetics: rules and guidelines; visual element and principles; timing and decisive moment; photo critique; prominent photographers. **(10 hours)**

**Unit 3:** Introduction to digital photography & technicalities: Introduction to digital photography, digital cameras  
How camera works; Exposure: shutter speed, aperture, ISO; arriving at proper exposure, depth of field, white balance, understanding histograms  
Photography techniques: soft focus, long exposure, short exposure, multiple exposures, time-lapse photography; Understanding lenses: wide angle lenses, telephoto lenses, and macro lenses, image sensor: types of image sensors, size and aspect ratios, image formats, image. **(15 hours)**

**Unit 4:** Understanding lights and lighting techniques: Natural vs artificial lights, the characteristics of light, colour temperature, Direction of light, intensity of light, hard and soft lighting, direct light, diffused light, high key lighting, low key lighting, inverse square law, 3-point