# Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur - 441108
Accredited with NAAC A+Grade
Approved by AICTE, New Delhi, Govt .of Maharashtra
(An Autonomous Institute Affiliated to RTM Nagpur University, Nagpur)

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## Department of Information Technology
### (M. Tech. II Semester)

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## Course Name MAI21207: Computer Vision

| MAI21207 | Course Outcomes |
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| MAI21207.1 | Explain the concepts of radiometry, including the measurement of light and its behavior in space and on surfaces. |
| MAI21207.2 | Analyze shift-invariant linear systems and their role in signal processing and image filtering |
| MAI21207.3 | Interpret geometry of multiple views, stereopsis and segmentation by clustering.Human Vision, Grouping and Getstalt. |
| MAI21207.4 | Implement the Expectation-Maximization (EM) algorithm for fitting and segmentation tasks, demonstrating its practical applications. |
| MAI21207.5 | Evaluate geometric camera calibration techniques using leastsquares parameter estimation and linear approaches for camera |

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