## SUBJECT NO-AG40009, SUBJECT NAME- CAD AND SIMULATION OF AGRICULTURAL MACHINERY

LTP- 3-0-0,CRD- 3

## SYLLABUS :-

Computer Representation: Representation of two and three dimensional objects. Scaling, translation and rotation. Clipping. Rendering. Animation. Machine Vision: Digital image analysis. Automated thinning and pruning of plants. Site specific spray application. Analysis and Design: Force analysis and design of tillage implements, soil moving equipments and harvesting equipments.