PLANNER 2024

COMPUTER GRAPHICS

B.Sc(H) VI SEM

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| **S.No** | **TOPICS** | **WEEK [MONTH]** |
|  | Basic elements of Computer graphics, Applications of Computer Graphics | 3rd week  [January] |
|  | Architecture of Raster and Random scan display devices, input/output devices. | 4th week  [January] |
|  | **Test \_1** | **Last week of January** |
|  | Raster scan line, circle and ellipse drawing, thick primitives, Polygon filling, line and polygon clipping algorithms | 1st & 2nd week  [February] |
|  | **Test\_2** | **3rd week of February** |
|  | 2D and 3D Geometric Transformations, 2D and 3D Viewing Transformations (Projections- Parallel and Perspective), Vanishing points. | 3rd & 4th week  [February]  +  [March] |
|  | **Test\_3**  **Test\_4** | **4th week of feb**  **2nd week of March** |
|  | Representing curves & Surfaces | 1st week  [April] |
|  | Visible Surface determination : Hidden surface elimination | 2nd week  [April] |
|  | **Test\_5** | **1st week of April** |
|  | Surface rendering : Illumination and shading models. | 3rd & 4th week  [April] |
|  | Basic color models and Computer Animation. | 1st week  [May] |
|  | **Test\_6** | **2nd week of May** |
|  | **Mock viva & Practical** | **2nd week of May** |