## B Tech-III (CO) 6<sup>th</sup> semester

## **Course: Computer Graphics (CS-3) (CO306)**

## Tutorial – 6

## **Based On: Scan line Algorithm**

1. For a given Polygon = {A, B, C, D, E, F, G}

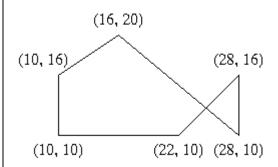
Polygon =  $\{(2, 7), (4, 12), (8,15), (16, 9), (11, 5), (8, 7), (5, 5)\}$ 

Fill the polygon using Scan-Line Polygon Fill Algorithm.

**Solution :** (please follow the link for solution)

https://www.slideshare.net/AnkitGarg22/polygon-filling-75128608

2. For a given Polygon:



Fill the polygon using Scan-Line Polygon Fill Algorithm.

**Solution**: (please follow the link for solution)

https://www.cs.rit.edu/~icss571/filling/example.html