

Syllabus for 'Industrial training program in CFD Postprocessing using Tecplot 360 EX

Course phasing

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| Sr.No | Course contents | Date | Student Signature |
|-------|---|------|-------------------|
| 1 | Over view of Tecplot GUI | | |
| 2 | Welcome screen and its advantages | | |
| 3 | List of commands and applications | | |
| 4 | Post processing fundamentals (what we need ?) | | |
| 5 | Solution files import | | |
| 6 | File management using pull-down menu | | |
| 7 | Mouse gestures, viewing options | | |
| 8 | Using work space and frame size edits | | |
| 9 | Data loaders | | |
| 10 | Mesh layer | | |
| 11 | Contour layer and management | | |
| 12 | Vector layer | | |
| 13 | Shade and scatter layer | | |
| 14 | Translucency and lighting | | |
| 15 | Creating Slice and management | | |
| 16 | Creating Stream traces and management | | |
| 17 | Animation | | |
| 18 | Axis management | | |
| 19 | Image capture | | |
| 20 | Zones and management | | |
| 21 | 3D Cartesian and options | | |
| 22 | 2D Cartesian and options | | |
| 23 | XY plots and options | | |
| 24 | Text and geometries | | |
| 25 | Data manipulation | | |
| 26 | CFD data analysis | | |
| 27 | Probing | | |
| 28 | Exporting ,printing, writing output files | | |