

## **Webinar (Demo Session) on Scientific Data Analysis and Plotting Quality Graphs using OriginLab Pro V2021b**

**Organized by :** Department of Chemical and Polymer Engineering along with  
Central Library, Tripura University

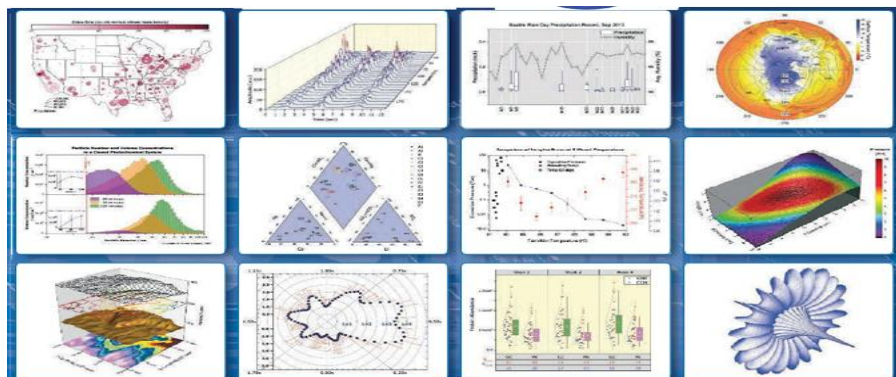
**Date :** 11<sup>th</sup> Nov 2021

**Time :** 2:30 PM- 4 PM

**Google Meet Link:** <https://meet.google.com/phh-siuk-fyw>

OriginLab has got readily available 190+ Graphing templates some of them mentioned here like 2D,3D,Contour,Statistical plots, Signal Processing plots, Image Plots, Spectroscopy Plots etc. with real-time animation and gives publish Quality with highest resolutions Graphs convertible in any Image format, PDF,MS Word & Excel and Power Point Presentation and many other formats. OriginLab is capable to perform all kind of Scientific and Engineering data analysis some of them mentioned here like Spectroscopy Data Analysis, Mathematics, Signal Processing, Image Processing, Statistical processing, Peak fitting Analysis, 1D,2D & 3D Curve fitting & Nonlinear Curve fitting, 2D & 3D Surface fitting Data fitting using 300+ mathematical equations & expressions, Multivariate analysis, All kind of Mathematics operations, All kind of Statistics, Descriptive Statistics, Parametric and Non parametric Hypothesis Tests, ANOVA, survival analysis, ROC curves, Linear & Multiple Linear & Polynomial Regression, spectroscopy, wavelet analysis, data manipulation, image processing and analysis, Data Management,Noise analysis, X-Functions

**Topics to be covered:** Introduction to Origin Pro, 2D-3D graphing, gadgets, Curve Fitting, Peak Analysis, Signal Processing, Data Processing, Statistics, Handling Repetitive tasks, Publishing, Custom Reports, Database Access, Mathematics, Programming, Licensing, Product Support etc.



Resource Person:  
**Mr. Kunal Trivedi**  
Origin Lab Corp. USA Certified Instructor

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