

### An Invitation

Join us to explore how computation can empower your organization in **Research, Development, Deployment & Progress**. Wolfram is one of the world's expert in computation with technologies such as Wolfram|Alpha (powering knowledge in Apple's Siri), the Wolfram Cloud, the Computable Document Format, Mathematica and the core of them all "**The Wolfram Language**". This seminar will showcase how you can combine your workflows with computation, to deliver quicker and smarter results. For more than 25 years, Wolfram Mathematica has defined the state of the art in technical computing and provided the principal computation environment for millions of innovators, educators, students, and others around the world.

#### Agenda

- 09:30 - 10:30 **Introduction to Mathematica & Related Technologies**  
Mathematica, CDF, WolframCloud, WolframAlpha, etc..
- 10:30 - 11:30 **Hands On Lab - Basic Operations**  
Syntax, Numeric, Symbolic Examples, Basic plotting, Manipulate examples, etc..
- 11:30 - 11:45 **Tea Break**
- 11:45 - 12:15 **Computing with Mathematica**  
Solving Equations, Linear Algebra, Statistics, Curve Fitting, Optimization etc..
- 12:15 - 13:15 **Hands On Lab - Computing with Mathematica**  
Solving Equations, Linear Algebra, Statistics, Curve Fitting, Optimization etc..
- 13:15 - 14:00 **Lunch Break**
- 14:00 - 14:30 **Visualization with Mathematica**  
Visualizing Functions & Data, 2D & 3D Plots, Contour & Parametric Plots, Customizing Plots, etc..
- 14:30 - 15:30 **Hands On Lab - Visualization with Mathematica**  
Visualizing Functions & Data, 2D & 3D Plots, Contour & Parametric Plots, Customizing Plots, etc..
- 15:30 - 15:45 **Tea Break**
- 15:45 - 16:15 **Advanced Topics**  
Signal & Image Processing, Machine Learning, Graph Theory etc..
- 16:15 - 17:00 **Q&A**

#### Instructors

- ☞ **Dr. Aravind Hanasoge**  
**Consultant at Wolfram, USA**  
PhD. specializing in Dynamics and Control  
Wolfram certified instructor
- ☞ **Mr. Girish H**  
**Sr. Pre Sales Engineer, G.T. Enterprises**  
Bachelor of Engineering, Computer Science  
Wolfram certified instructor

#### Special Attention

Workshop will consist of lab exercises. All are requested to bring your own compatible laptop. DVD media with Wolfram Mathematica software and lab exercises will be provided.

For System Specification visit:

<https://wolfr.am/M-SysReq>

#### Who should attend

Faculty members and Research scholars interested in developing with and deploying Wolfram Technologies—regardless of their field, experience level or familiarity with Wolfram Technologies.

#### Venue and Date

- DATE** : Tuesday, 03rd May 2016
- VENUE** : AC Seminar Hall in Academic Block 2, MIT-Manipal
- PLACE** : Manipal, Karnataka
- TIME** : 9:30AM to 5:00PM

For More Information, Please Contact :

To register please visit : <http://gte-india.com/WTS/>

**Limited Seats !! Registration by Confirmation**