



An Invitation

Wolfram Research Inc., USA and G.T. Enterprises, Bangalore in association with St. Aloysius College welcome you to 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

- 08:45 - 09:10 **Registration**
- 09:10 - 09:40 **Inauguration**
- 09:40 - 10:00 **Tea Break**
- 10:00 - 11:00 **Overview of Mathematica**
By Dr. Aravind Hanasoge
- 11:00 - 12:00 **Hands On Lab - Basic Operations**
Syntax, Numeric & Symbolic Examples,
Basic plotting, Manipulate examples, etc..
- 12:00 - 12:15 **Computing with Mathematica-Overview**
Solving Equations, Linear Algebra,
Statistics, Curve Fitting, Optimization etc..
- 12:15 - 13:15 **Hands On Lab - Computing with
Mathematica**
- 13:15 - 14:00 **Lunch Break**
- 14:00 - 14:30 **Visualization with Mathematica-Overview**
Visualizing Functions & Data, 2D & 3D
Plots, Contour & Parametric Plots,
Customizing Plots, etc..
- 14:30 - 15:30 **Hands On Lab - Visualization with
Mathematica**
- 15:30 - 15:45 **Tea Break**
- 15:45 - 16:15 **Advanced Topics-Overview**
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 their own compatible laptop. DVD media with Wolfram Mathematica software and lab exercises will be provided.

For System Specification visit:
<https://wolfram.com/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** : Friday, 12th August 2016
- PLACE** : St.Aloysius College, Kotekar Post,
Madoor, Beeri, Mangalore-575022
- TIME** : 8:45AM to 5:00PM

For More Information, Please Contact :



GT House, #48, Bhavani Layout, B.S.K 3rd Stage, Bangalore - 85
Mobile: 9611311944 / 9845009939 / 9845016309
Email: tools@gte-india.com

Wolfram Research Inc., 100 Trade Center Drive
Champaign, IL 61820-7237 USA
<http://www.wolfram.com>

Prof. Santhosh Rebello, Dean & Chairman;
Advisor CSI, IEEE CS, St Aloysius College.
Phone : 0824 2286890 / 6490299 Cell : 9449511132