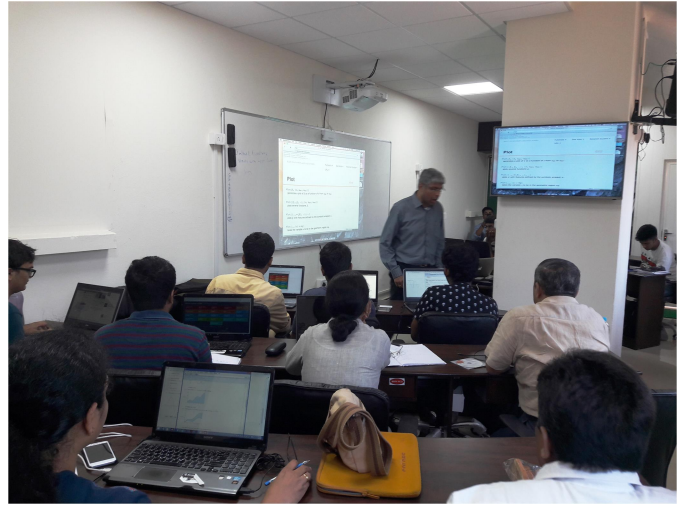# A report
on
WORKSHOP ON MATHEMATICA
(March 03, 2017)

(Sponsored by Wolfram Technologies and Department of Mathematics, BITS-Goa)

The Department of Mathematics, BITS Pilani K K Birla Goa Campus organized a 1-day workshop on "**Introduction to MATHEMATICA**" on March 03, 2017. The workshop was designed for educating undergraduate students, PhD scholars and teachers of BITS-Goa in MATHEMATICA, organized jointly by Department of Mathematics BITS Pilani K K Birla Goa Campus, Goa, India, and Wolfrom technologies, USA. The school was aimed at bringing more awareness on computational software MATHEMATICA in the campus amongst students, researchers and faculty. Dr. Aravind Hanasoge, Technology Consultant, Wolfram Research INC., USA was the trainer all through the day and explained about the following:

MATHEMATICA for Education & Research
- Introduction and basic strengths of MATHEMATICA
- Numerical Computation - What makes MATHEMATICA the best?
- Symbolic Computation
- Dynamic Interactivity and CDF
- Probability & Statistics
- Image Processing
- Wavelets
- Compilation, Parallelization, Linking to C, GPU programming
- What is New in V11 - Time Series Analysis, Machine Learning, 3D Image processing, Graphs in 3D etc.

Around 25 participants including faculty and research scholars interestingly participated in the workshop. Dr. Dhanumjaya was the convener and Dr. Anil Kumar was the co-convener of the event.