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Report On
NATIONAL WORKSHOP ON MATLAB IN APPLIED SCIENCES

Department of Mathematics organised National WORKSHOP ON MATLAB IN APPLIED SCIENCES(NWMAS) on 15-16, September,2017. The NWMAS inaugural started with welcome address by Prof.Dr.K.Srinivasa Rao, Professor and Head of Mathematics. A department news letter named 'Ganith Vaartha' was released by our honorable Registrar Prof.Dr.G.Srinivasu and he delivered a Presidential address. Prof.Dr.S.Balaji, Dean, Faculty of Science and Prof.Dr. T. Venugopal, made the felicitation address. This inaugural program came to an end in a grand manner with the vote of thanks proposed by Mrs. N. Saradha, organizing secretary, Asst.prof. of Mathematics.

The first day program was comprised of Getting started with introduction of MATLAB by Prof.Dr.K.Srinivasa Rao at 10 am at MCA Lab. It followed by tea-break from 11.30-11.45

The second session of first day was started at 11.45 by Dr. A. Gayathri, Asst.prof. of Mathematics , she gave a hands on session about Matrix Algebra, the session end at 1. 00pm. It gives the good recall of matrix and the knowledge of matrix in MATLAB.

After the lunch, the session was started by Dr. A. Dhanalakshmi, Asst.prof. of Mathematics, at 1.45pm and it would continue upto 3.15pm. She explained about 2 Dimensional and 3 Dimensional ploting. Participants enjoyed this session. It followed by tea-break from 3.15-3.30.

After the break, the last session of day one was continued with application of mathematics. Prof.Dr.K.Srinivasa Rao, Professor and Head of Mathematics was explained the Interpolation. This gave a good knowledge of MATLAB.

The second day program was comprised of Getting started with Worksheet and Handling of M files in MATLAB by Prof.Dr.K.Srinivasa Rao at 10 am at MCA Lab. It followed by tea-break from 11.30-11.45a.m.

The second session of second day was started at 10.45a.m by Mr.P.Nagarajan, Asst.prof. of Mathematics. The resource person explained how to solve first & higher order differential equations using ODE Solver. the session end at 12. 30pm. It gives the good knowledge of Ordinary Differential Equations in MATLAB.

After the lunch, the session was started by Prof.Dr.K.Srinivasa Rao, at 1.45pm and ended at 4.00 p.m. He explained to solve about Non-Linear & System of non-linear Equations

using MATLAB and data analysis using curve fitting tool box. Participants enjoyed Curve Fitting Tool Box in this session. This session was end with Valedictory Function.

Prof. Dr.K.Srinivasa Rao, Professor and Head of Mathematics distributed the certificates. This program came to an end in a grand manner with the vote of thanks proposed by Dr. T.N. Kavitha, organizing secretary, Asst.prof. of Mathematics.

Participant from Maharastra, Andhera Oradhesh and Tamil Nadu are attended the program. More than 80 participants were benefited from the program. we conclude that they were eagerly awaiting for the next program.