



Department of Basic Engineering and Applied Sciences

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ABOUT THE TRAINING PROGRAM:

The training was intended for the student of Agri. Engineering PG & UG students to explore the impact of MATLAB in the industry and academics. This training provided students with an experience that is rich with technical knowledge and covered on introductory concepts of **MATLAB for Data Analytics and Machine Learning; Deep Learning and Transfer Learning using Pre-Trained Model AlexNet** in various areas.

OBJECTIVES:

- **MATLAB for Data Analytics and Machine Learning**
 - Data Analytics
 - Big Data Capabilities in MATLAB
 - Prediction and Forecasting using Machine Learning
- **Deep Learning and Transfer Learning using Pre-Trained Model AlexNet**
 - Transfer Learning using AlexNet
 - CNN based Classification of Images
- **Internet of Things with MATLAB and Act on Real Time Data**
 - Developing an IoT Analytics System with MATLAB and ThingSpeak

Mr. Mahmooduz Zafar, country manager, DesignTech systems limited an expert in the MATLAB and the above agenda items with rich years of experience, held the session. The entire session was interactive and PG students and SRA's from SWCE showed a lot of enthusiasm for learning/improving the skills in MATLAB. The same were acknowledged by the students through their feed backs in the valedictory session. At the end, training program concluded with the closing remarks and vote of thanks by the program organizer Er.J.Sravan kumar, Asst. Professor (B.E.A.S) to Principal& Dean, Head of the Department (B.E.A.S) and all faculty and staff who joined and supported for the success of the training.

