

**Report on**

**One Day Training Program on TMS 5000/6000  
Digital Signal Processing Kit**

**Organized by  
ECE Department,  
Narula Institute of Technology**

**Date: 20<sup>th</sup> December, 2014**

One day training on TMS DSK kit (5000 and 6000 series) was held on 20<sup>th</sup> of December, 2014 at the Department of Electronics and Communication Engineering. The resource person was Mr. Biswajit Banerjee from Tech Labs, Kolkata.

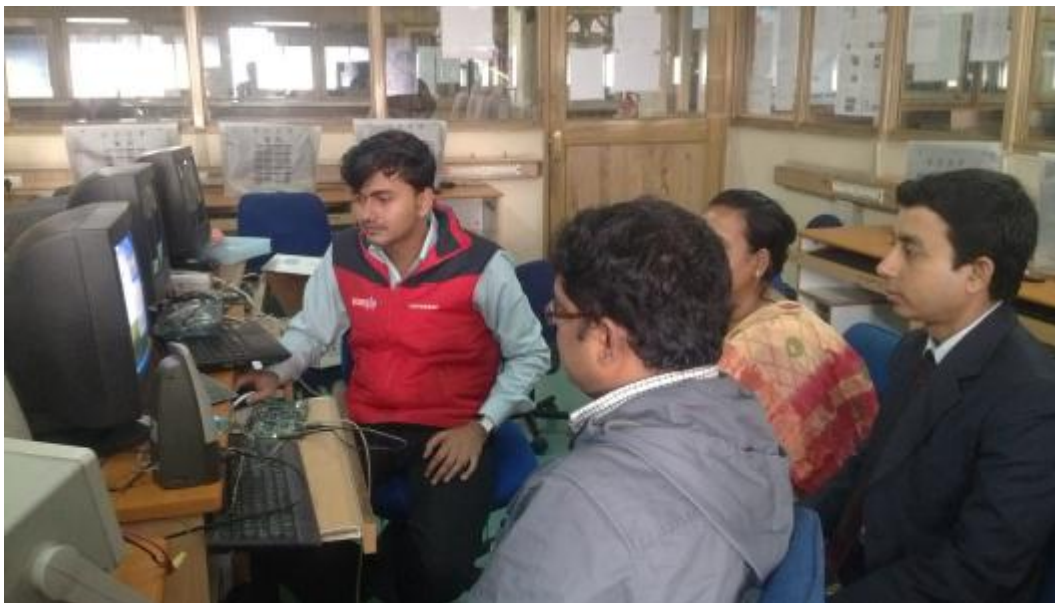
The entire training was designed to get started with the DSP basic and use it to perform basic exercises and small applications. It is based on the 5000 and 6000 platform from Texas Instruments. To be specific, exercise focusing on the 6713 kits which have more features and flexibility. Large number of programs are discussed which makes one comfortable in using the DSP setup.

DSP & its interfacing concepts are discussed. The training tries to provide all the information required to learn, test and apply DSP concepts. It thus helps to develop the basic skill set and get hands-on different DSP programming, interfacing and development techniques.

This interfacing module covers large number of exercises on basics theory of DSP, understanding of operational concepts of DSP, basic programming techniques, basic

input/output programs, audio interface, codec concepts.

The documentation provides complete issues of DSP architecture, software details, hardware details and operational concepts required to startup with the DSP LAB.



Demonstration session is going on in DSP Lab

The documents are also covered with large number of exercises in the form of tested programs to demonstrate the use and utility of the DSP kit. These programs can be actually tested using the DSP starter kit and the Code Composer Studio.