

# Workshop on ASLK PRO System Lab

First mentor workshop on ASLK Pro System Lab was organized by the Electronics and Communication Engineering Department of JNGEC Sundernagar on 15<sup>th</sup> March 2017. More than 11 participants attended the workshop. Er. Ankush Kapoor (A.P.ECE) inaugurated the workshop by giving a brief introduction about Texas Instruments University India Program and its training partner Sapience Consulting

Following which, Er. Ankush Kapoor highlighted importance of ASLK Pro Lab Kit with its application in the field of Linear Integrated Circuits. Then Er. Ankit Sharma (A.P. ECE) expressed the usage and advantage of using TL082 op-amp instead of its ancestor IC 741.

## **Briefing of TI University India Program:**

The Texas Instruments (TI) University Programme provides TI tools on a worldwide basis. This program has been running in Europe for 20 years with 1500+ Universities and 1,200+ teaching labs participating. An important aspect of the TI programme is that it addresses a wide range of skills and covers not only engineering knowledge but also multidisciplinary skills required for systems integration such as team-work, communication, decision-making and flexibility. A key objective is to ensure a strong dialogue between academia and the company. Two examples of best practice were given. The TI Innovation Challenge (THIC) Europe which is a high-profile competition to design a product. The Challenge has had significant impacts including triggering “Makers” spaces within universities and generating student start-ups. By taking a ‘systems’ approach it introduces students to the underlying analog electronics which is often considered a difficult subject to teach/learn. TI’s ASLK Pro University training kit is designed for undergraduate engineering students to perform analog lab experiments. It addresses the gap in practical education for analog electronics and is being used by hundreds of higher-education centres in Europe.



Er. Ankush extended his thanks to all the participants and also emphasized this gathering as the beginning of the new technological era in JNGEC Sundernagar. He said that we will be organizing such workshops in future in a larger scale and with more participants, which all participants welcomed enthusiastically.