At School of EEE, the student development programme on “Signal Processing, its Applications and Control Systems for Industrial Electrical Devices” is organized during 16-17th Sept. 2017. This SDP was organized in collaboration with University Industry Interaction Centre (UIIC), REVA University. The lectures and hands on training was given by expert faculties from M/s. EDULife Pvt. Ltd., Bangalore. The resource persons were Mr. Krishna and Mr. Praveen, Design Engineers from M/s. EDULife Pvt. Ltd., Bangalore. About 210 students have participated during two days. The intention behind conducting this workshop is to skill the students in engineering and science as per the industry requirement. This enables our students to expertise in most advances and recent trends in signal processing, its application and control systems for industrial automation that help them to get prepared for suitable to get the competitiveness and also edge over the other competitors in the present day job market. During this workshop we have organized the hands-on training using MATLAB software for completely two days for the students. They were exposed to use many toolbox including image processing control systems and signal processing