



REPORT ON

**“HANDS-ON WORKSHOP OF MATLAB”  
(30<sup>TH</sup> & 31<sup>ST</sup> January, 2018)**

MATLAB plays a very important role in analysis and simulation of various engineering problems for electrical engineering students. MATLAB is very useful in almost all areas of electronics and communication, electrical engineering and mechatronics engineering. So, it is essential for students to acquire an appropriate command on MATLAB and its applications. MATLAB is also helpful in working on minor or major projects.

As a small contribution towards increasing the knowledge of same, **GCET PRARAMBH CLUB** organized **Hands-on workshop of MATLAB** on 30<sup>th</sup> & 31<sup>st</sup> January, 2018 for 2<sup>nd</sup> year-EE, EC and MC Department handled by the team of PRARAMBH Club.

Throwing light on the Speakers of the Workshop, the credit was given to **Prof. Kaushal Shah** and **Prof. Sachin Patel**. **Prof. Sachin Patel** has received bachelor in Electrical Engineering from G H Patel College of Engineering and Technology V.V.Nagar, Gujarat Technological University and M.E (Electrical Engineering) degree in 2016 from G H Patel College of Engineering and Technology V.V.Nagar, Gujarat Technological University with Gold Medal. He has four month of teaching experience at undergraduate level. His areas of interest include Power system, High voltage, and Electrical Machines. He has published paper at national journals. **Prof. Kaushal Shah** has completed post-graduation in Power System from G H Patel College of Engineering and Technology, Vallabh Vidyanagar, Gujarat Technological University with Distinction in 2015. He has completed B.E. in Electrical Engineering from Gujarat Technological University in 2013. He has teaching experience of 2 years at undergraduate level. His areas of interest include Power System, High Voltage Engineering and Electrical Machines.

Going towards Workshop, its seating is in D104 & C303 Lab on **09:00 pm** and workshop started by Prof. Kaushal Shah and Prof. Sachin Patel in different computer labs simultaneously on both the days. Prof. Kaushal Shah delivered basics of MATLAB functions and other operations using programming in MATLAB which includes Basic operations, plotting, Matrix algebra and Arrays, Graphics With Demonstration and etc,. Prof. Sachin Patel delivered basics of MATLAB Simulink in which some basic circuit implementation, measuring various electrical parameters and observing various signals in Matlab. Similarly in second day simultaneously Prof. Kaushal Shah and Prof. Sachin Patel has delivered hands-on workshop of Matlab. Concluding Remark was given by **Prof. Saurin Seth**.

## HANDS-ON WORKSHOP OF MATLAB



