

Electrical Engineering Department

Workshop on MATLAB with Embedded Coder

Please tick on Program Type (✓)	
Awareness/Motivational Program	Workshop/Training (✓)
Faculty Development Program	Short Term Training Program
Seminar/Conference	Competition
Hackathon	Tech-Fests
Boot Camp	E-summits
Exchange Program	Exhibition of Innovative Products
Other	
Please tick on Program Theme (✓)	
Skill Development (✓)	Research(✓)
Bridging the Gaps (✓)	Innovation
Ethics	IPR
Soft Skill	Entrepreneurship
Personality Development	Techno-social Activity

- **Within Campus/Outside Campus (Please tick) : Within Campus**
- **Level of Event/Program (College/University/State/National/International): College Level**
- **Academic Year: 2019-20**
- **No. of Days/Weeks/Duration: Half day**
- **Program Start Date: 14th October 2019**
- **Program End Date: 14th October 2019**
- **Organized by: Electrical Engineering Student Association(EESA), Electrical Engineering Department**
- **Speaker/Resource Person details/information: Pawankumar Fakatkar, Deb Singdeo from Mathworks, Pune.**

**Pune Vidyarthi Griha's
College of Engineering and Technology, Pune-09**

- **Contents:** Training on MATLAB. Simulink tool box, Embedded Coder, PID control, speed control of DC motor, System identification techniques using input and output parameters, Communication from MATLAB to processor Arduino uno.
- **Objective:** 1.To create awareness about MATLAB as a tool for development.
2.To explore embedded coder feature of MATLAB for control of any plant using controller/processor.
- **Participation details:**

Number of Internal Participants		Number of External Participants		Total
Students	Faculty	Students	Faculty	
62	04	-	-	66

- **Expenditure details:**

Institute Own/Internal Fund (in Rs)	Sponsorship/External Fund (in Rs.)	Total Expenditure Incurred (in Rs.)
380/- (EESA funds)	-	380/-

- **Analysis of the feedback forms:**NA
- **Comments on Outcome of Program:** It was a very informative session. It gave exposure regarding advanced tool such as embedded coder with MATLAB.
- **URL if program is available on web or college website:** NA

▪ Few photographs

