

G.PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY: KURNOOL

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Brief report on the One day national level student workshop on “**Arduino communication and its applications using MATLAB**” conducted by department of EEE on August 18, 2017

The department of EEE conducted a one day national level student workshop on “**Arduino communication and its applications using MATLAB**” on August 18, 2017. The students from various engineering colleges in and around Kurnool took part in the workshop. A total number of 180 participants took part in the workshop. The students who participated in the workshop were from various engineering colleges like G.Pullaiah College of engineering and Technology, Ravindra college of engineering for women etc. The inaugural session was presided by chief guest Dr.S.Prem Kumar sir, Dean of GPCET. He delivered inspirational speech to the students about the present trends and technologies in electrical engineering. The resource person for the workshop is Sri Prathapa Raju Moola, Lecturer, Ibra college of Technology, Ministry of Man power, Muscat Province, Sultanate of Oman, South Arabia and E.Sushma sagar , Assistant Professor, Aurora’s scientific and technological research Academy.

The students were explained the various features of MATLAB, Introduction to Arduino Coding in IDE environment for Arduino, Examples and applications with hands on experience, Serial communication between Arduino and MATLAB, Simple applications of Arduino embedded with Matlab and Application of MATLAB-GUI based Arduino controlled hourly load forecasting system for an industrial consumer.

Overall the students were thoroughly explained the basic features of MATLAB and designing examples with Arduino in detail. The valedictory function was held in the evening and Dr.C.Srinivasa Rao, Principal, GPCET was the chief guest. The valedictory function ended with the distribution of certificates and the students expressed their satisfaction through this workshop and requested the college to conduct similar workshops in the future also.



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Convenor