



## Department of Electronics and Communication Engineering

Format:9014/0

### Workshop Report

**Organized by** : Ramachandra College of Engineering  
**Name of the Speaker** : Mr. J.Prem Kumar  
**Designation** : Product Manager- Mathworks, Education Solutions,  
 Capricot Technologies Pvt. Ltd  
**Topic** : Programming on MATLAB  
**Venue** : DSP Lab  
**Date & Time** : 19<sup>th</sup> July 2018 to 23 July 2018

Branch	Year	Semester	No of Students Attended
ECE	IV	I	150
<b>Total No of Students Attended</b>			150

### Profile of the Speaker

J.Prem Kumar is a Product Manager for MathWorks Products in Capricot Technologies Private Limited and specializes in the field Dynamic System Modelling, Embedded Systems, Robotics, Image Processing and Speech Processing. He has around 6 years of experience in Capricot Technologies Pvt. Ltd. Prior to joining Capricot Technologies Private Limited, Prem Kumar has experience in Semiconductor Manufacturing Industry. Prem Kumar holds a Master Degree in VLSI System Design.

**Qualification** : M.Tech in VLSI System Design and B.E in Electronics & Communication Engg.

**Experience** : Around 6 years of experience in Capricot Technologies Pvt. Ltd.

### Report

#### 1. Report in brief by Organizer / Coordinator / Convener:

The main objective of the workshop is to make the students have basic knowledge on MATLAB Programming language. Five day work shop is organized for the Departments of ECE on 19<sup>th</sup> July 2018 to 23 July 2018 on Fundamental Concepts of Programming. A total no of 150 students have attended the workshop.

The workshop is divided into 2-sessions; the first session is totally concentrated in making the students get strong at basics related to the Arrays, Data types, Header files, & Fundamentals about Structures along with practical applications.

The second session is totally concentrated on Program implementation, writing a code & dumping it on Micro-Controllers using MATLAB.



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### 2. Photos:





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**3. Feedback from students:** Students' have got good knowledge in introductory part of MATLAB. Interaction of the MATLAB is quite good with the students.

**4. Remarks from Resource Person:** Very good opportunities are available in the field of MATLAB. Students' are good and pay complete attention on my lecture.

Co-Ordinator

HoD

Principal