



# Moodlakatte Institute of Technology

(A Unit of Moodlakatte Nagarathna Bhujanga Shetty Trust (R.))

(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)

Moodlakatte – 576 217, Kundapura Taluk, Udupi District, Karnataka

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**Date: 16.10.2018**

<b>Topic</b>	:	<b>Research oriented Technical Talk on Virtual Instrumentation</b>
<b>Organized On</b>	:	<b>15<sup>th</sup> October 2018</b>
<b>Resource Person</b>	:	Dr Abdul Kareem Director, R&D, MIT Kundapura
<b>Participants</b>	:	<b>Third Year Students from ECE</b> <b>No. of students – 19.</b> <b>No. of Faculties- 9</b>

## **PREAMBLE**

Virtual Instrumentation is the process of studying and simulating the instruments to perform some specified tasks in virtual mode. This talk focusses on the research aspects related to the Virtual Instrumentation. The virtual Instrumentation have a lot of scope in research in areas specific to different domains of electronics, signal processing, communication both wired/ wireless, Robotics and various other areas. The talk is planned to give much needed impetus to final year students so that research aspect of Embedded Systems can be conveyed to them.

## **BRIEF PROFILE OF THE CHIEF GUEST**

Dr. Abdul Kareem working as Director, R&D, MIT Kundapura, awarded his Ph. D in Electronics and Communication Engineering from St. Peter's Institute of Higher Education and Research Deemed University, Chennai, India in 2014. He has more than 15 years of teaching experience.

## **REPORT**

Dr. Abdul Kareem, Director, R&D, MIT Kundapura was invited as resource person for a one-day Research oriented technical talk on "Virtual Instrumentation", organized by the Department of ECE for the students on 7<sup>th</sup> -8<sup>th</sup> March 2019.

During the talk, he discussed about the importance of Virtual Instrumentation in today's scenario. He gave detailed explanation about the history and evolution of the LabVIEW Virtual Instrumentation. He also did a comparative analysis of the Real time Instruments and Virtual Instruments. The students

interacted with the Resource Person and raised many questions related to history, evolution, development and applications of Virtual Instruments. The Resource Person was happy with the way student responded and also appreciated the students' interest in the subject. The resource person also raised a few numbers of Questions and the student answered well.

In the second session, the speaker demonstrated virtual instrumentation using LabVIEW. Later he explained the various functions in LabVIEW and gave many examples about their applications. The resource person then concluded talk and thanked the department for inviting him for talk. The students from branches of ECE were present. Pavithra H Naik, Final Year Students hosted the event.

## **ORGANIZING COMMITTEE**

### **Chair:**

**Mr. Balanageshwara S, HOD Dept of ECE**

### **Staff co-coordinators**

Mrs. Sookshma Adiga

Assistant professor (Sr.), Dept of CSE

### **Student Coordinators:**

Pavithra H Naik, Final Year ECE

Shashidhar, Final Year ECE

## **FEEDBACK**

**Resource Person Feedback:** The Session was well planned and properly executed. The response from students was good. The students participated and responded well for the talk. Many doubts and questions were raised by the students.

**Student Feedback:** The students appreciated the presentation given by the Presenter. The students gained abundant knowledge on the importance of Virtual Instrumentation through the talk. The students were happy to participate in the talk and got a great deal of information from the Resource Person.

**Faculty Feedback:** The faculties appreciated the presentation given by the Presenter. They gained abundant knowledge on the importance of Virtual Instrumentation through the talk. They were happy to participate in the talk and got a great deal of information from the Resource Person.

## POSTER



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**Technical talk on virtual instrumentation**

**By**

**Dr. Abdul Kareem**

**Director R&D,**

**Moodlakatte Institute of Technology, Kundapura**

**Venue: Auditorium, MIT Kundapura**

**Date: 15<sup>th</sup> October 2018**

PHOTO



*Bella*  
Coordinator

*Sun 15/10/2018*

*[Signature]*  
HoD

*[Signature]*



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Date: 12.10.2018

## CIRCULAR

This is to inform all Faculties, and third year students of the Department of Electronics & Communication Engineering that a Research oriented technical talk on Virtual Instrumentation will be organised on 15<sup>th</sup> October 2018 in the Auditorium at 10AM. Dr Abdul Kareem Director R&D MIT Kundapura would be the resource person.

All are requested to participate in the talk.

  
Coordinator

  
HoD

To: circulate among staff and students

Copy to: Department File



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<b>Technical Talk on Virtual Instrumentation on 15 October 2018</b>		
<b>Participant List</b>		
Sl.no	Name	USN
1	Chethan H M	4MK16EC001
2	Deepashree	4MK16EC002
3	Divya B Byali	4MK16EC003
4	Jyothi A	4MK16EC004
5	K Shubha S Havaladar	4MK16EC005
6	Kirthi	4MK16EC006
7	P Krupa	4MK16EC008
8	Prameela	4MK16EC009
9	Rakshith Keshav Patgar	4MK16EC010
10	Sachin Venkatesh Kodiya	4MK16EC011
11	Shreya Uday Achar	4MK16EC012
12	Thwisha Hegde	4MK16EC013
13	Vinayaka N H	4MK16EC014
14	Yashaswini	4MK16EC015
15	Divya S Bhat	4MK17EC400
16	Manoj	4MK17EC401
17	Ranjitha B	4MK17EC402
18	Rashmi Bhasker Naik	4MK17EC403
19	Smitha	4MK17EC404

  
Coordinator

  
HOD



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Virtual Instrumentation		
Faculty Participant List		
Sl.no	Name	Department
1	RAGHUNATHA M D	Electronics & Communication Engineering
2	SOOKSHMA ADIGA	Electronics & Communication Engineering
3	VARUNA KUMARA	Electronics & Communication Engineering
4	BALANAGESHWARA	Electronics & Communication Engineering
5	MANOJ KUMAR	Electronics & Communication Engineering
6	VISHWANATH SHERVEGAR	Electronics & Communication Engineering
7	SOUMYA MJ	Electronics & Communication Engineering
8	ABDUL KAREEM	Electronics & Communication Engineering
9	NAVEEN BM	Electronics & Communication Engineering

  
Coordinator

  
HOD