



ACS COLLEGE OF ENGINEERING

Kambipura, Mysore Road, Bengaluru – 560074.

Department of Computer Science & Engineering



Report on FDP

Name of the Event	:	“FDP on Arduino”
Date	:	23.09.2022 to 29.09.2022
Venue	:	IOT & Cloud Computing Laboratory
No.of Participants	:	91 Faculties

About the Event

One week blended mode “Faculty Development Program on ARDUINO” was organized in AICTE Sponsored IOT & Cloud Computing Laboratory, from 23rd September 2022, Friday to 29th September 2022, Thursday at Computer Science department, ACS college of engineering, Bangalore. Offline training given to participant by Enthu Technology Solutions India Pvt Ltd. Online training material is provided by IIT Bombay, Spoken Tutorial.

First day on 23/9/2022, Friday was the hands on training on Arduino in AICTE Sponsored IOT & Cloud Computing Laboratory, CSE Department, ACS College of Engineering, Bangalore. Hands on training was given by Enthu Technology Solutions, Resource Person Mr. Jagadeeswaran with Arduino Board. Explanation on LORA was given and separate kit is provided to all participants to get trained.

On 24/09/22, Saturday it was online self-learning on the following topics: Overview of Arduino, Electronic components and connections, Introduction to Arduino, Arduino components and IDE, First Arduino Program. On 25/09/22, Sunday it was online self-learning on the following topics: Arduino with Tricolor LED and Push button, Arduino with LCD, Display counter using Arduino, Seven Segment Display. On 26/09/22, Monday it was online self-learning on the following topics: Pulse Width Modulation, Analog to Digital Conversion, Wireless Connectivity to Arduino, Introduction to IoT, Sending data to the cloud using ToT devices. On 27/09/22, Tuesday it was online self-learning on the following topics: Assembly of

Robot, Robot Control using Bluetooth, Assembly programming through Arduino. On 28/09/22, Wednesday it was online self-learning on the following topics: Digital Logic Design with Arduino, AVR-GCC programming through Arduino. On 29/09/22, Thursday it was online self-learning on the following topics: Interfacing LCD through AVR-GCC programming, Mixing Assembly and C Programming, Arduino Programming with Python.

Then Online Test were conducted by Spoken tutorial then certificate was provided from IIT Bombay Spoken Tutorial which is accepted by AICTE/UGC.



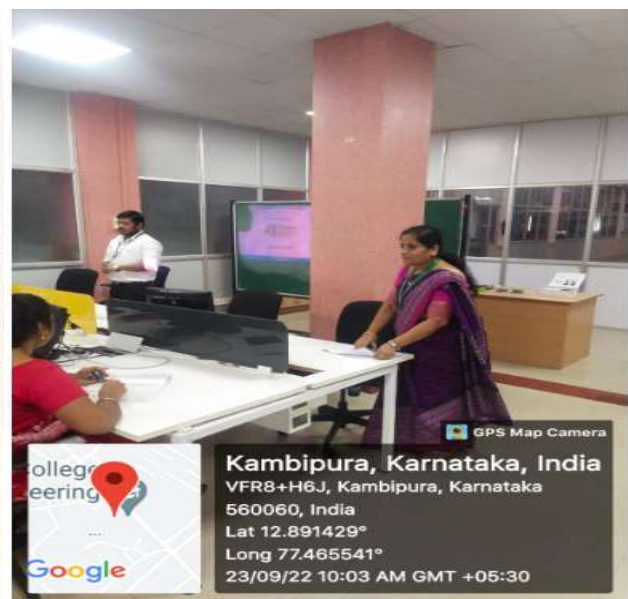
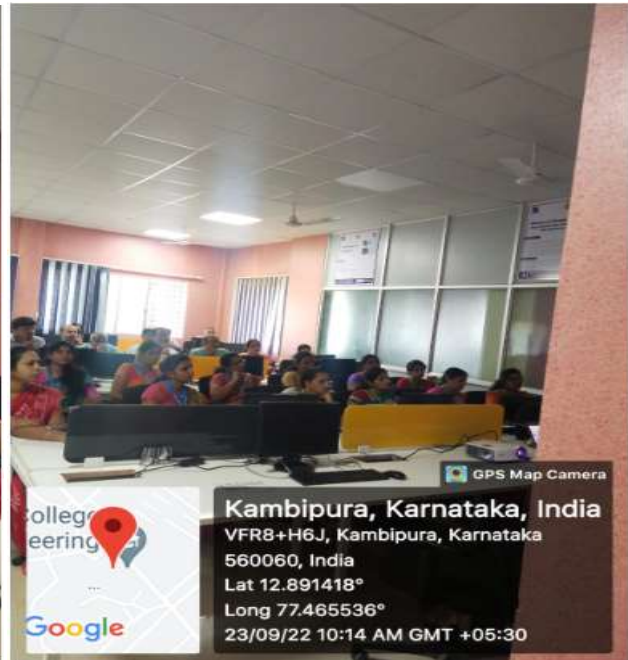
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Photos of FDP on “Arduino”





Spoken Tutorial
Project at
IIT Bombay

Certificate of Participation



This is to certify that **SRIRAMKUMAR R** has participated in **Faculty Development Programme** from **2022-07-01** to **2022-08-15** on **Arduino** organized by **ACS College of Engineering** with course material provided by Spoken Tutorial Project, IIT Bombay.


Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India



Spoken Tutorial
Project at
IIT Bombay

Certificate for Completion of Arduino Training



This is to certify that **HANUMANTHAPPA H** has successfully completed **Arduino** test on **2022-10-06** organized at **ACS College of Engineering** by **DR. SENTHILKUMARAN T** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this Faculty Development Programme.

SHRUTHI A at **IACS College of Engineering** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.


Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India

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