



Srishyla Educational Trust (R), Bheemasamudra

GM INSTITUTE OF TECHNOLOGY, DAVANGERE

(Affiliated to VTU Belagavi, Approved by AICTE, New Delhi & Govt. of Karnataka)

Department of Electronics and Communication Engineering



Workshops Organized

SI No	Name	Days	Date	Participants	Remakes
1	Computer Network Simulation Using NCTUns and Networking Concepts, Algorithms using C Programming	2	11 th and 12 th of January 2018	Faculties	Inter collage
2	IoT Application Development using Raspberry Pi and Arduino	5	1 st August, 2017 to 5 th August, 2017	Faculties	Inter collage
3	IoT Application Development on Arduino and Raspberry Pi	3	21 st February, 2017 to 23 rd February, 2017	Students	Inter collage



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Department of Electronics and Communication Engineering &
Information Science and Engineering



Conducted 2 Days FDP on “Computer Network Simulation Using NCTUns and Networking Concepts, Algorithms using C Programming ”

In association with ISTE-New Delhi



on 11th and 12th of January 2018



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FDP Session

FDP Objectives:

1. Choose suitable tools to model a network and understand the protocols at various TCP/Ip reference model.
2. Design a suitable networks and simulate using a NCTUNS tool.
3. Simulate the networking concepts and protocols using C programming.
4. Model the networks for different configurations and analyze the results.



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Department of Electronics and Communication Engineering



Conducted 5 Days FDP on “IoT Application Development using Raspberry Pi and Arduino”
In association with ISTE-New Delhi



on 1th and 5th August 2017



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FDP Session

FDP Objective:

1. Understanding the main concepts, components, technologies involved in Internet of Things (IoT)
2. Understanding the Software Simulated Hardware Prototyping tool Proteus.
3. Understanding the Hardware and Software Aspects of Open Source Arduino Embedded Developmental Environment.
4. Understanding Various Types of Sensors used in DiY Projects and interfacing with Arduino.
5. Put a light on basics of Python Scripting.
6. Understanding the Hardware and Software Aspects of popular micro-computer SOC board Raspberry Pi.
7. Communication between Raspberry Pi and Thingspeak Cloud Server.



Conducted 3 Days SDP on “IoT Application Development on Arduino and Raspberry Pi” on 21th and 23rd February 2017



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FDP Session

SDP Objective:

1. Understanding the main concepts, components, technologies involved in Internet of Things (IoT)
2. Understanding the Software Simulated Hardware Prototyping tool Proteus.
3. Understanding the Hardware and Software Aspects of Open Source Arduino Embedded Developmental Environment.
4. Understanding Various Types of Sensors used in DiY Projects and interfacing with Arduino.
5. Put a light on basics of Python Scripting.
6. Understanding the Hardware and Software Aspects of popular micro-computer SOC board Raspberry Pi.