Go Change the World

CISCO-RVCE

Center of Excellence in Internet of Things

2 Days FDP
on Establishing IoT Lab
in Higher Education Institutions

for
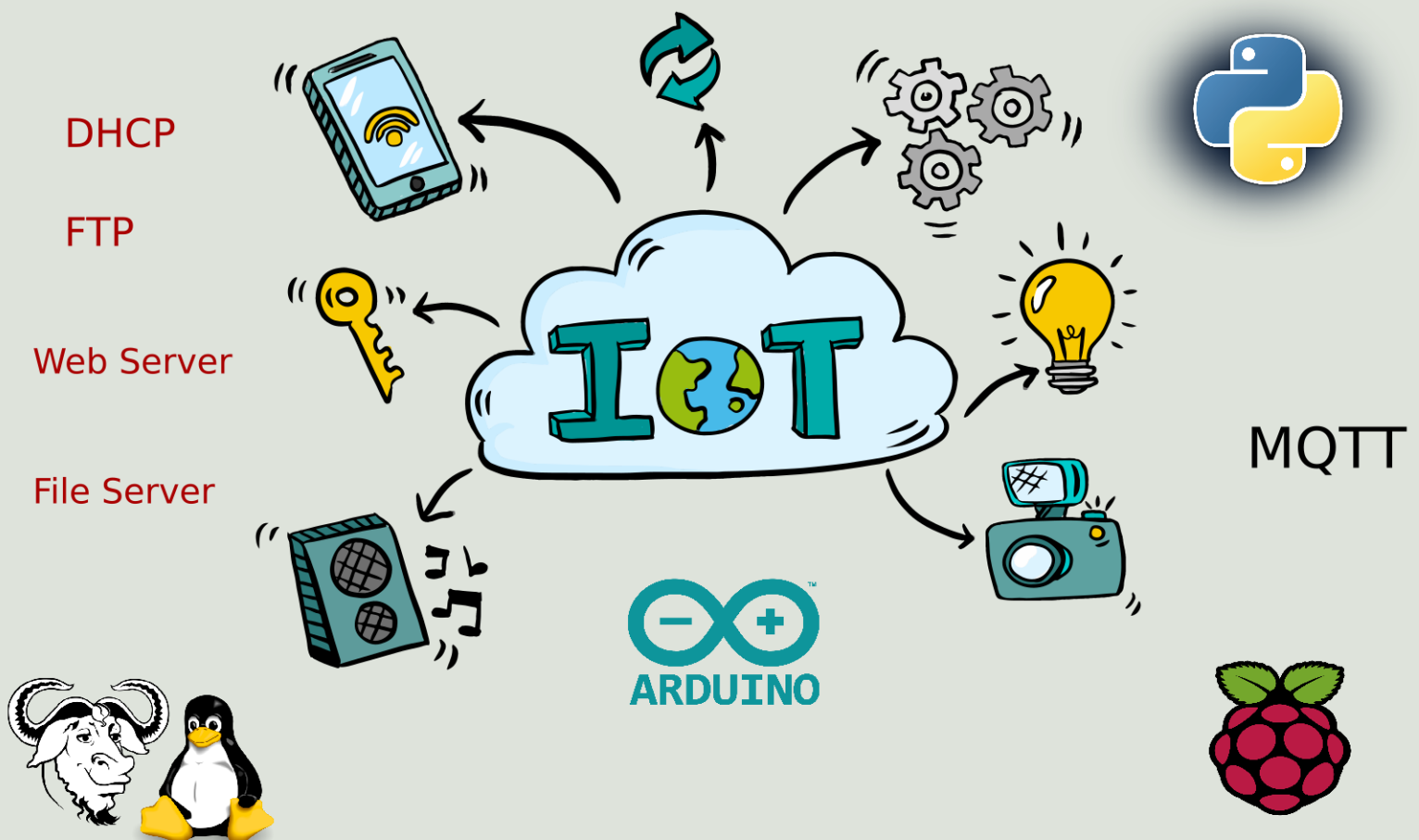# Non Teaching and Teaching Staff

IoT

Dates
17th Septplmber 2021 (Online)
18th September 2021 (Offline)

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Outcomes of Faculty Development Program

Participants will be able to

Learn to setup minimal IoT Lab
Learn fundamentals of Embedded System
Learn to Install OS on Raspberry Pi & learn basics of GNU / Linux
Learn to work with sensors, actuators and development boards
Setup basic network and configure ftp, web and ssh servers
Learn to build minimal IoT applications using Arduino,
       Raspberry Pi / Nodemcu
Learn to configure online Dashboards like Adafruit / Thingsboard
Learn the fundamentals of analytics related to IoT systems
Understand how to maintain IoT Lab
Understand the efforts invovled in designing Lab Experiments

DHCP

FTP

Web Server

File Server

MQTT

ARDUINO

17-09-2021(Online)   18-09-2021(Offline)

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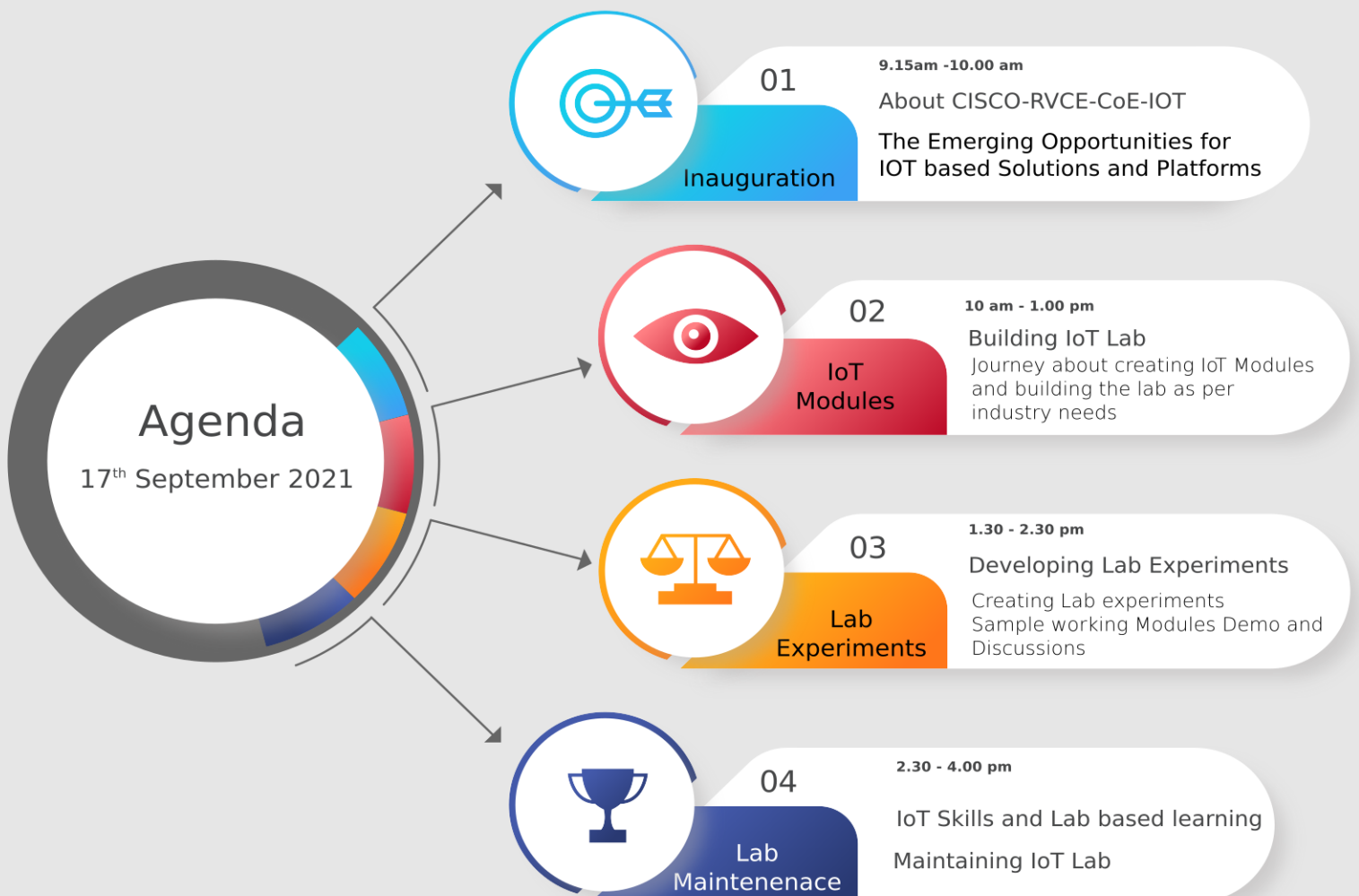### SCHEDULE (ONLINE) - 17th September 2021

Prof Subramanya K N
Principal, R V C E
Bengaluru
Presidential Remarks

Mr Pratap Hegde
Management Adivsor,
Entrepreneur(IoT/Telematics)
Chief Guest,Morning Session

Mr Manish Kumar
CEO,ROOMAN Technologies
Bengaluru
Chief Guest, Afternoon Session

Agenda
17th September 2021

01 Inauguration
9.15am -10.00 am
About CISCO-RVCE-CoE-IOT
The Emerging Opportunities for IOT based Solutions and Platforms

02 IoT Modules
10 am - 1.00 pm
Building IoT Lab
Journey about creating IoT Modules and building the lab as per industry needs

03 Lab Experiments
1.30 - 2.30 pm
Developing Lab Experiments
Creating Lab experiments
Sample working Modules Demo and Discussions

04 Lab Maintenenace
2.30 - 4.00 pm
IoT Skills and Lab based learning
Maintaining IoT Lab

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Registration Details

Non Teaching Staff : Rs 590/- (Online)
Non Teaching Staff : Rs 1000/- (Online + Offline)

Teaching Faculty   : Rs 1180/- (Online)
Teaching Faculty   : Rs 2000/- (Online + Offline)

More Information & Online Payment Link

https://www.rvce.edu.in/cisco-rvce-iot-fdp

Resource Persons
R.V.C.E Staff working under
CISCO-RVCE-COE-IoT and
Industry Experts

For Any Clarifications

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Co-ordinators

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Venue

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Bengaluru -560059