

The sessions mentioned here are tentative and are subject to change.

FSMK Camp'19 Schedule

20th Jan 2019	AI Hall	Cloud Hall	IoT Hall
8:00 – 9:00 AM			Breakfast
9:30 – 10:15 AM			Inauguration
10:15 – 1:00 PM	Introduction to Python	Introduction to GNU/Linux system Installing packages Basics of SSH	Understanding Analog and Digital Arduino Pins Blink Test - Digital Out Push Button - Digital In Serial Out -
1:00 – 2:00 PM			Lunch
2:00 – 5:00 PM		A Free Digital Society by Dr Stallman (the founder of Free Software)	
5:00 – 6:00 PM			Breakout / Tea
6:30 PM – 8:30 PM			Informal Discussion on Dr Stallman's talk
8:30 – 9:30 PM			Dinner
21st Jan 2019			
8:00 – 9:00 AM			Breakfast
9:00 – 12:00 PM	Introduction to learning Mathematics of AI + Basic	Web Server Application Server Deploying a basic web app on a cloud server	Serial In Analog Out - LED Fade Analog IN Voltmeter Experiment Sensors
12:00 – 1:00 PM			Non-Technical Talk
1:00 – 2:00 PM			Lunch
2:00 – 5:00 PM	Introduction to learning Mathematics of AI + Basic	Introduction to Web API's Code security and methods to secure code	Serial In Analog Out - LED Fade

		Securing your websites with SSL	Analog IN Voltmeter Experiment Sensors
6:30 PM – 8:30 PM			
			Informal Discussion
8:30 – 9:30 PM			Dinner
22nd Jan 2019			
8:00 – 9:00 AM			Breakfast
9:00 – 12:00 PM	Developing and validating models	Introduction to Docker Running application via docker	Arduino Project Sensor Integration Afternoon: Intro to IoT Installing Node MCU Node as Server - Hello Server
12:00 – 1:00 PM			
1:00 – 2:00 PM			Non-Technical Talk
			Lunch
2:00 – 5:00 PM	Introduction to Neural Networks	Webserver + Docker and running applications Basics of server security	Arduino Project Sensor Integration Afternoon: Intro to IoT Installing Node MCU Node as Server - Hello Server
6:30 PM – 8:30 PM			
			Informal Discussion
8:30 – 9:30 PM			Dinner
23rd Jan 2019			
8:00 – 9:00 AM			Breakfast
9:00 – 12:00 PM	Project	Hardening server security (Introducing lynis)	Node as Client COncnecting a single sensor Connecting multiple sensors MQTT data collection

12:00 – 1:00 PM
1:00 – 2:00 PM

**Non-Technical Talk
Lunch**

Node as Client
Connecting a single sensor
Connecting multiple sensors
MQTT data collection

2:00 – 5:00 PM Project

Your laptop as a cloud server. Self hosting
Local DNS and a local Ad-Blocker

6:30 PM – 8:30
PM

Informal Discussion

8:30 – 9:30 PM

Dinner

24th Jan 2019

8:00 – 9:00 AM

Breakfast

9:00 – 12:00 PM Project

Your laptop as a cloud server. Self hosting
Local DNS and a local Ad-Blocker

Visualization of Data
Iot trends – Discussion

12:00 – 1:00 PM
1:00 – 2:00 PM

**Non-Technical Talk
Lunch**

2:00 – 4:00 PM AI and #TechForPeople

How to go forward.

Visualization of Data
Iot trends – Discussion

4:00 – 5:00 PM

Valedictory and Closing of camp