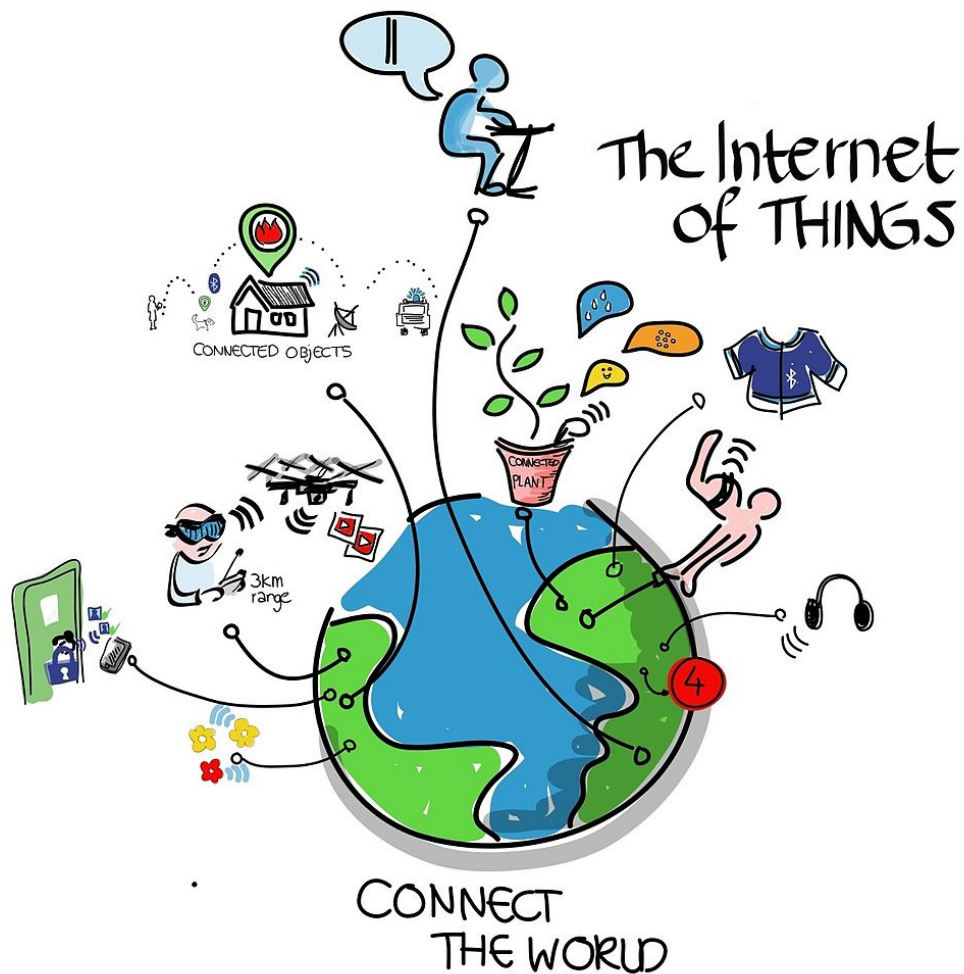


MTech Elective SG5233

SE-IOT

Internet of Things Technology



May ☐ June 2018



INSTITUTE OF SYSTEMS SCIENCE

MTech SE-IOT (5 May ☐ 7 June 2018)

Week 1 ☐ 5 May (9am-5pm) 8, 10 May (6.30pm-10.00pm)	
9.00am-12.30pm	IoT Introduction and Overview Hardware Platform
	<i>LUNCH</i>
1.30-5.00pm	Python Overview <i>Workshop: Setup of Hardware Platform</i>
Week 2 ☐ 12 May (9am-5pm) 15, 17 May (6.30pm-10.00pm)	
9.00am-12.30pm	Working with digital devices Working with analogue devices
	<i>LUNCH</i>
1.30-5.00pm	<i>Workshop: Working with various sensor modules</i>
Week 3 ☐ 19 May (9am-5pm) 22, 24 May (6.30pm-10.00pm)	
9.00am-12.30pm	Network communications User Interface for IoT Devices
	<i>LUNCH</i>
1.30-5.00pm	Working with Sensor Data
Week 4 ☐ 26 May (9am-5pm) 30 May, 31 May (6.30pm-10.00pm)	
9.00am-12.30pm	IoT security Cloud Overview and IoT Services
	<i>LUNCH</i>
1.30-5.00pm	<i>Workshop: Working with Cloud services</i>
Week 5 ☐ 2 June (9am-5pm) 5, 7 June (6.30pm-10.00pm)	
9.00am-12.30pm	Course Assignment
	<i>LUNCH</i>
1.30-5.00pm	Course Assignment
Project demo ☐ 9 June (9am-5pm) 12, 14 June (6.30pm-9.30pm)	
9.00am-12.30pm	(20 min slot to be selected)
	<i>LUNCH</i>
1.30-5.00pm	(20 min slot to be selected)