



राजकीय अभियान्त्रिकी महाविद्यालय, बांसवाड़ा
GOVT. ENGINEERING COLLEGE, BANSWARA

(An Autonomous Institute of Govt. of Rajasthan)

Behind Mayur Mill, Dungarpur Road, Banswara-327001

Website: www.gecbanswara.ac.in Email: principalgecbanswara@gmail.com

Schedule of STTP on IoT 19th-23rd August, 2019

Time	Session	Module	Key Takeaway
Day- 1 Date: 19.08.2019			
08:00-09:30		Registration	
09:30-10:00		Inaugural Function	
10:00-11:00	Session I	Introduction to IoT	Key technologies and components of Internet of Things
11:00-11:15	Tea Break	Only For All STTP Registered Participants	
11:15-13:00	Session II	Introduction to Unix	Basic unix operating knowledge
13:00-14:00	Break		
14:00-15:30	Session III	Introduction to Eclipse	Eclipse IDE is the most popularly used IDE in the industry. Hence we cover how to use this IDE in detail
15:30-16:00	Tea Break	Only For All STTP Registered Participants	
16:00-17:00	Session IV	Introduction to MRAA library	This library is widely used for interfacing sensors.
Day- 2 Date: 20.08.2019			
09:00-11:00	Session I	Introduction to UPM library	This library is widely used for interfacing sensors & actuators
11:00-11:30	Tea Break	Only For All STTP Registered Participants	
11:30-13:00	Session II	Exercise & Assignments	Work with different sensors and actuators and learn about them.
13:00-14:00	Break		
14:00-15:30	Session III	Introduction to IoT Cloud	This will allow students to design their own widgets and application using cloud based services
15:30-16:00	Tea Break	Only For All STTP Registered Participants	
16:00-17:00	Session IV	Exercise & Assignments	Exercise to learn different aspects of cloud
Day-3 Date: 21.08.2019			
09:00-11:00	Session I	Introduction to Machine Learning	This will allow students to use machine learning Libraries
11:00-11:30	Tea Break	Only For All STTP Registered Participants	
11:30-13:00	Session II	Continue	
13:00-14:00	Break		
14:00-15:30	Session III	Introduction to Mobile App Development	This will allow students to design their own mobile apps
15:30-16:00	Tea Break	Only For All STTP Registered Participants	
16:00-17:00	Session IV	Continue	
Day-4 Date:22.08.2019			
10:00- 17:00	Industrial Visit	Only For All STTP Registered Participants	
Day-5 Date: 23.08.2019			
09:00-11:00	Expert Talk	on Latest Trend in industry in IOT, AI & Machine Learning Field	
11:00-11:30	Tea Break	Only For All STTP Registered Participants	
11:30-12:30	Expert Talk	Continue	
12:30-13:00	Valedictory function (Certificate Distribution & Vote of Thanks)		
13:00-14:00	Launch	Only For All STTP Registered Participants	