CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

Workshop on

Internet of Things using Raspberry Pi

Date: 18-03-2019 to 23-03-2019

Number of Participants: 56

Resource Person: Mr Saswat Pradhan & Mr Subham Das

Workshop and Resource Person

We have organized a 2 Days Workshop on "Robotics and Internet of Things" for the B.Tech students (all branches) at our Campus on 16th - 17th March 2019 in the Hall No 6. The whole workshop was handled by two of our Alumni, Mr Saswat Pradhan (Senior Software Engineer at Robert Bosch working in Embedded System Domain) and Mr Subham Das (Senior Software Engineer at Toshiba Software working in Embedded System Domain).
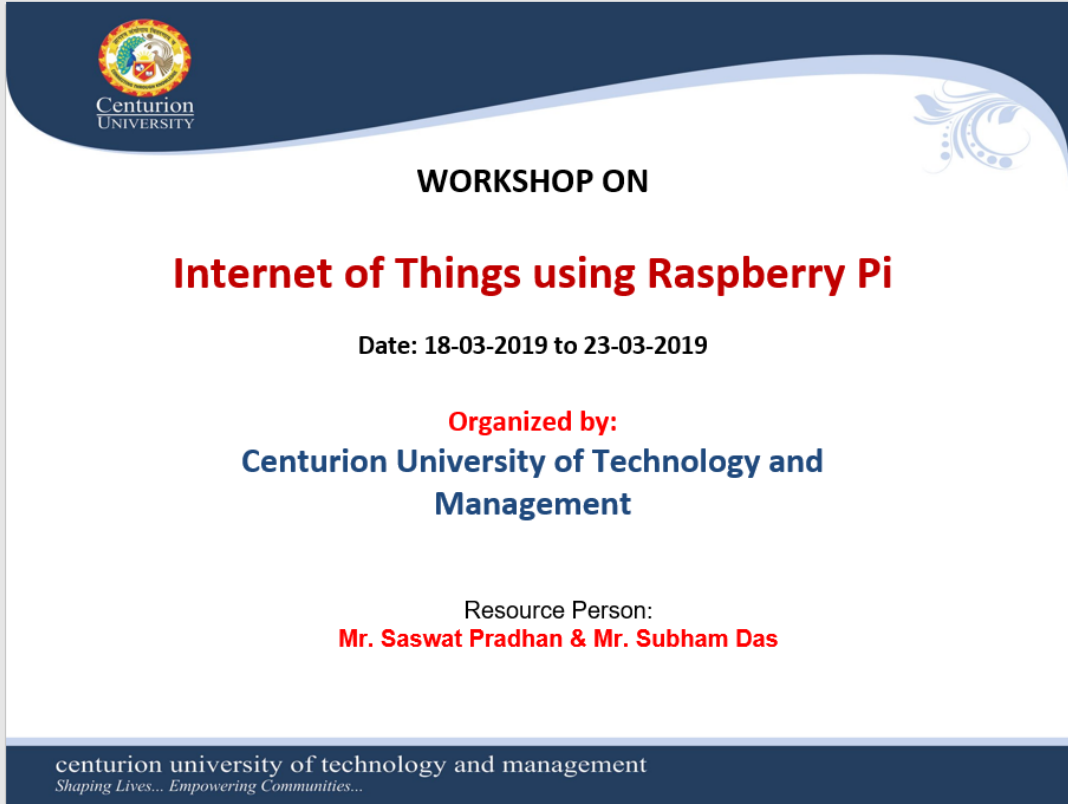
About the Workshop

The Internet of Things (IoT) describes the network of physical objects—"things"—that are embedded with sensors, software, and other technologies for the purpose of connecting and exchanging data with other devices and systems over the internet.

Objectives:

1. Familiarisation of DIY electronic platforms, such as Arduino and Raspberry Pi
2. Raspberry Pi and its applications in agriculture and allied fields

Outcomes: All participants showcased very good projects as expected and promised by them on the first day of the workshop. Faculties and Staff members from different apartments visited the project exhibition, did the evaluation guided and shared their valuable thoughts to the participants about their projects. All the members helped us for almost two hour long evaluation process.

Photograph of workshop Internet of Things using Raspberry Pi

Brochure of the event

List of Participants:

Sr No	Registration No.	Name	Branch	Batch	Group	Project Names	Evaluation
1	170301130001	TEJASMAYEE PANDA	ECE	2017	1	Face recognition based door lock using Raspebrry Pi B+	
2	170301130015	AKASH KUMAR	ECE	2017			
3	170301130004	ATHIRA B NAIR	ECE	2017			
4	170301130006	BONGI ABHISHEK	ECE	2017			
5	170301180012	SOUMYA SAMAPTIKA SAHOO	ECE	2017			
6	180301150003	BISWAJEET BHATT	EEE	2018	2	Home automation using Raspberry Pi (with notification)	
7	180301140003	TARUN KUMAR BHADRA	EE	2018			
8	180301150006	PRIYANKA PRIYADARSINI LAHA	EEE	2018			
9	180301150004	CHANDANSWARUP NAYAK	EEE	2018			
10	180301150005	SATYABRATA BEHERA	EEE	2018			
11	180301150008	ASHISH KUMAR LENKA	EEE	2018	3	Smart helmet using Raspberry Pi	
12	180301150009	SAGAR KUMAR RATH	EEE	2018			
13	180301150010	G SAI KIRAN	EEE	2018			
14	180301140001	BISWAJIT NAHAK	EE	2018			
15	180301130001	ALOK KIRAN PANIGRAHY	ECE	2018			
16	180301130007	SATYABRATA DASH	ECE	2018			
17	170301120104	IPSITA PRIYADERSINI	CSE	2017	4	Smart mirror	
18	170301200010	SRINIBAS ROUT	CTIS	2017			
19	170301200002	SNEHASHREE SAHU	CTIS	2017			
20	180301120082	ZOHAAR X. B. HEMBRAM	CSE	2018			
21	180301120089	NAGEN NAYAK	CSE	2018			
22	170301200023	CHINMAYEE MOTI SAHOO	CTIS	2017	5	Security mechanism through surveillance camera using web monitoring	
23	170301200026	GAYATRI BISWAS	CTIS	2017			
24	170301200018	SAHIL ALI KHAN	CTIS	2017			
25	170301200030	SUKANYA MOHANTY	CTIS	2017			
26	180301120079	DEBI SUBHUDI	CSE	2018			
27	180301150002	B ESWAR	EEE	2018	6	Smart street light	SECOND
28	180301130002	VIJAY KUMAR MAHTO	ECE	2018			
29	180301130004	MANGALDEEP CHAKRABORTY	ECE	2018			
30	180301150001	RANJIT BHOOSHAN NAYAK	EEE	2018			
31	180301130003	ANAND KUMAR TIWARI	ECE	2018			
32	180301140002	NABEELAH AHMED	EE	2018	7	Smart firefighter pilot	THIRD
33	180301150007	SOUMYA RANJAN SAHOO	EEE	2018			
34	180301130009	SAUBHAGYA MALLICK	ECE	2018			
35	180301150011	SOUMYA SORUP PADHI	EEE	2018			
36	180301130005	SUBHANGI PATRO	ECE	2018			
37	180301200006	RONIT KUMAR	CTIS	2018	8	Smart	
38	180301120053	REETESWAR PRADHAN	CSE	2018		irrigation	
39	180301230007	SHIULI PATRA	AERO	2018			
40	180301200008	SIMANCHAL SAHOO	CTIS	2018			
41	180301200012	MONALISHA BAL	CTIS	2018			
42	170301120161	RHYTM PAUL	CSE	2017	9	Nuvola personale	FIRST
43	170301120156	ROHAN PRAVAS	CSE	2017			
44	170301120127	KUNAL PANIGRAHI	CSE	2017			
45	180301120083	SUDARSHAN HANSDA	CSE	2018			
46	180301120066	PUSPAMITRA NAYAK	CSE	2018			
47	180301120008	NILESH KUMAR	CSE	2018	10	Not participating	
48	180301120073	GAGAN KUMAR BEHERA	CSE	2018			
49	170301120166	LOVELY SAHOO	CSE	2017			
50	160301120058	SUNANDA PRIYADARSHINI	CSE	2016			
51	160301120025	PUJA KUMARI	CSE	2016			
52	160301120046	SAMBIT KUMAR SAHOO	CSE	2016	11	Not participating	
53	160301120074	SOHEL ARSAD SAMAL	CSE	2016			
54	180301120075	ASHUTOSH PRADHAN	CSE	2018			
55	170301120054	T. SONALI PATRO	CSE	2017			
56	180301120086	ASUTOSH PARIDA	CSE	2018			

Prof. KVD Prakash
Dean - IIE & HRD

Dr. Prasanta Ku. Mohanty
Dean Academic