



Embedded Systems

WORKSHOP

Date: 12 to 13 November 2019

Resource Person:



Ms. Rupanita Das

Assistant Professor, CUTM, Odisha

No. of Students and/or Faculty Participated: 60

About resource person: Ms. Rupanita Das is currently working as an Assistant Professor in the Department of Electronics & Communication Engg, Centurion Institute of Technology, CUTM Odisha, with more than eight years of teaching experience. She had completed her graduation and Post Graduation from BPUT. Her research of interest is in the field of RF microwave and Mobile communication.

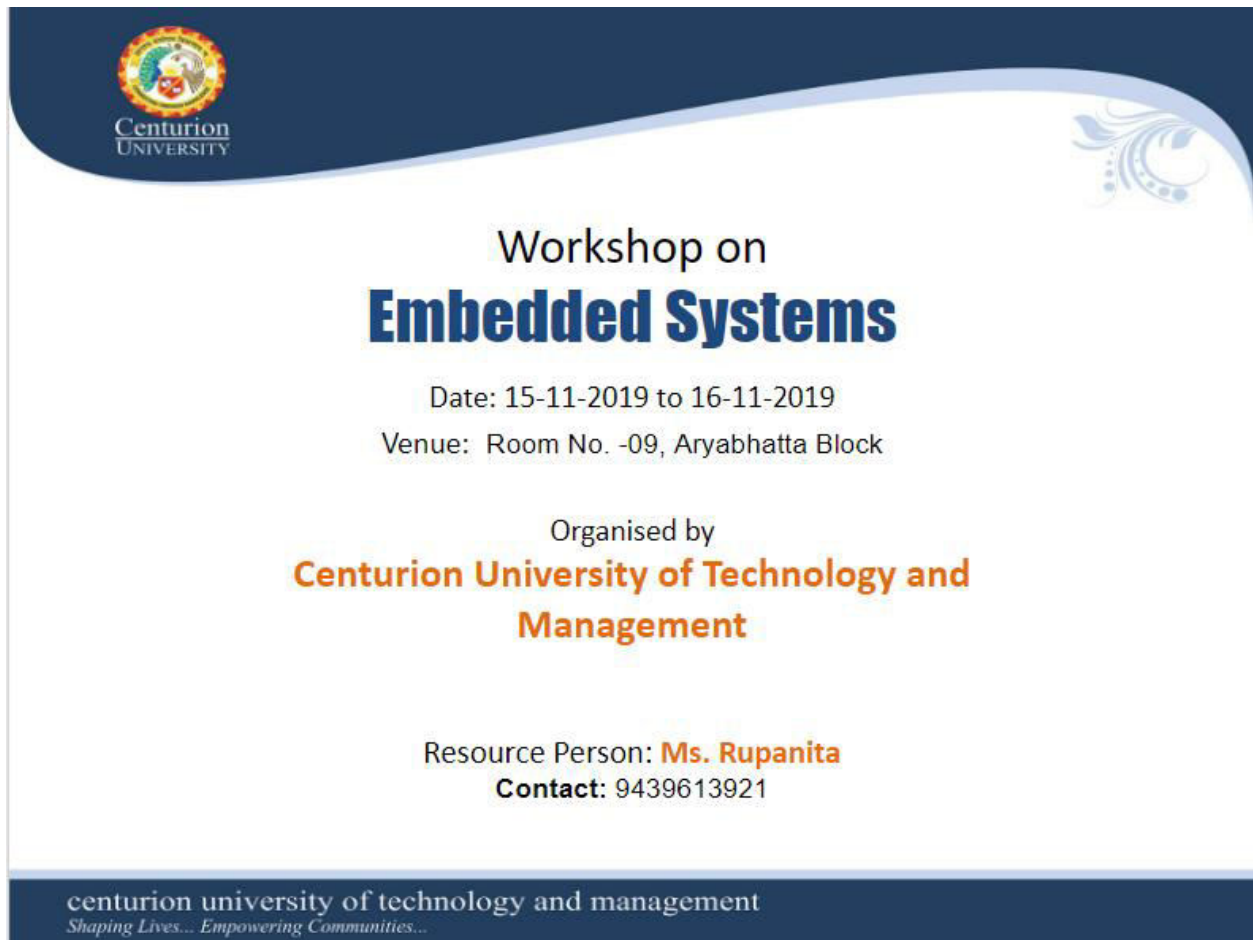
About the Session:

Ms. Rupanita Das discussed an embedded system, how a combination of computer hardware and software is designed for a specific function. Embedded systems may also function within a larger system. The systems can be programmable or have a fixed functionality. Embedded systems use the communication ports to transmit data between the processor and peripheral devices -- often, other embedded systems -- using a communication protocol. The processor interprets this data with the help of minimal software stored on the memory. The software is usually highly specific to the function that the embedded system serves.


Objective: To understand the application of Embedded systems in a communication device.

Outcome:

The Students learned the experimental setup of software and hands-on training. Learning of Motor interface with simulation. Experiment 1 : DC motor control DC motor ON/OFF Experiment 2 : DC motor direction control DC motor forward DC motor Reverse Experiment 3 : DC motor speed control PWM pulse generation Duct cycle calculation DC motor speed control Experiment 4 :Buzzer control Digital Buzzer ON/OFF Experiment 5 : Test task Combination of DC motor and step



The brochure features a dark blue header with the Centurion University logo on the left and a decorative floral graphic on the right. The main title 'Workshop on Embedded Systems' is centered in a large, bold, blue font. Below the title, the dates 'Date: 15-11-2019 to 16-11-2019' and the venue 'Venue: Room No. -09, Aryabhata Block' are listed. The organizing institution, 'Centurion University of Technology and Management', is highlighted in orange. The resource person, 'Ms. Rupanita', and her contact number, '9439613921', are also provided in orange. The footer contains the university's name and tagline, 'Shaping Lives... Empowering Communities...', in white text on a dark blue background.


Centurion
UNIVERSITY

Workshop on
Embedded Systems

Date: 15-11-2019 to 16-11-2019
Venue: Room No. -09, Aryabhata Block

Organised by
**Centurion University of Technology and
Management**

Resource Person: **Ms. Rupanita**
Contact: 9439613921

centurion university of technology and management
Shaping Lives... Empowering Communities...

Brochure of the event on **EMBEDDED SYSTEMS**



Figure 1: Participants attending the workshop



WORKSHOP ON “Embedded Systems”

Date: 12 to 13 November 2019

Attendance Sheet

1	Soumya Ranjan Parida	
2	Srinibas biswal	
3	Subham jyoti ray	
4	Subham patra	
5	Subhangam Choudhury	
6	Sudipta Sundar Roy	
7	Sukanya Mohanty	
8	Suraj Kumar Singh	
9	Suraj sarejendu pal	
10	Swayam subhajeet	
11	U. rakesh	
12	Uma Shankar Raj	
13	Yogeshwar Dash	
14	Abhishek Biswal	

15	Amit kumar pradhan	
16	Aniket Senapati	
17	Ankita Mahato	
18	Ashirbad Sahoo	
19	Ashutosh Mohapatra	
20	Ashutosh Tripathy	
21	Debasish sundaray	
22	E Bhargav	
23	Harikishan Das	
24	K bal Gopal	
25	Kargil Biplab Dhal	
26	Kiran Kumar jayasingh	
27	Kunal Panigrahi	
28	N Dibesh Choudhury	
29	Rahul Samantaray	
30	Rajveer Chhotray	
31	Rakesh Kumar Das	
32	RANJIT SINGH	

33	Reeteswar Pradhan	
34	Rhythm Paul	
35	Rinki Gauda	
36	Rohan pravas	
37	Sagnik Katari	
38	Sambit Behera	
39	Satya ranjan baral	
40	Shireen	
41	Soumya Sourav Barik	
42	Sourav sambit	
43	Subasish Tripathy	
44	Subham panigrahi	
45	Sunita Rani Panda	
46	Suvam Mishra	
47	Swahil Suvam	
48	Vidhi shankara	
49	abhipsa dehury	
50	Abhipsa Manjaree pati	

51	Abhisek behera	
52	Abinashpati	
53	Agnish Pahari	
54	Alisha Mallick	
55	Ananya Anumita	
56	Ankit Kumar Pradhan	
57	Arunima Nanda	
58	Ashutosh Das	
59	B.lalit kumar	
60	Barun Kumar Tripathy	



Dr. Prasanta Ku. Mohanty
Dean Academic



Prof. KVD Prakash
Dean - IIE & HRD