



CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT, BBSR

Embedded Systems

WORKSHOP

Date: 15-11-2019 to 16-11-2019

Resource Person:



Ms. Rupanita Das

Assistant Professor, CUTM, Odisha

No. of Students and/or Faculty Participated: 60

Venue: Room no. 9. AryaBhatta Block

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



**Workshop on
Embedded Systems**

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

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

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Brochure of the session **EMBEDDED SYSTEMS**



Figure: Participants attending the workshop on **EMBEDDED SYSTEMS**

Participants List:



Centurion University of Technology and Management
Workshop on "Embedded Systems"

Date: 15-11-2019 to 16-11-2019

Attendance Sheet

SL.NO	NAME OF PARTICIPANT	SIGNATURE
1	SOUMYA RANJAN PARIDA	Soumya ranjan Parida
2	SRINIBAS BISWAL	Srinibas Biswal
3	SUBHAM JYOTI RAY	Subham Jyoti ray
4	SUBHAM PATRA	Subham Patra
5	SUBHANGAM CHOUDHURY	Subhangam Choudhury
6	SUDIPTA SUNDAR ROY	SUDIPTA SUNDAR ROY
7	SUKANYA MOHANTY	Sukanya Mohanty
8	SURAJ KUMAR SINGH	Suraj kumar singh.
9	SURAJ SAREJENDU PAL	Suraj Sarejendu Pal
10	SWAYAM SUBHAJEET	Swayam Subhajeet
11	U. RAKESH	U. Rakesh.
12	UMA SHANKAR RAJ	Uma Shankar Raj
13	YOGESHWAR DASH	Yogeshwar Dash
14	ABHISHEK BISWAL	Abhishek Biswal.
15	AMIT KUMAR PRADHAN	Amit Kumar Pradhan
16	ANIKET SENAPATI	Aniket Senapati
17	ANKITA MAHATO	Ankita Mahato
18	ASHIRBAD SAHOO	Ashirbad Sahoo
19	ASHUTOSH MOHAPATRA	Ashutosh Mohapatra
20	ASHUTOSH TRIPATHY	Ashutosh Tripathy
21	DEBASISH SUNDARAY	Debasish Sundaray
22	E BHARGAV	E Bhargav
23	HARIKISHAN DAS	Harikishan Das
24	K BAL GOPAL	K bal gopal
25	KARGIL BIPLAB DHAL	Kargil-Biplab Dhal .
26	KIRAN KUMAR JAYASINGH	Kiran Kumar Jaysingh
27	KUNAL PANIGRAHI	Kunal Panigrahi

28	N DIBESH CHOUDHURY	N Dibesh choudhury
29	RAHUL SAMANTARAY	Rahul samantaray
30	RAJVEER CHHOTRAY	Rajveer Chhotray
31	RAKESH KUMAR DAS	Rakesh Kumar Das
32	RANJIT SINGH	Ranjit Singh
33	REETESWAR PRADHAN	Reeteswar Pradhan
34	RHYTHM PAUL	Rhythm Paul
35	RINKI GAUDA	Rinki Gauda
36	ROHAN PRAVAS	Rohan Pravas
37	SAGNIK KATARI	Sagnik Katari
38	SAMBIT BEHERA	Sambit Behera
39	SATYA RANJAN BARAL	Satya Ranjan Baral
40	SHIREEN	Shireen
41	SOUMYA SOURAV BARIK	Soumya Sourav Barik
42	SOURAV SAMBIT	Sourav Sambit
43	SUBASISH TRIPATHY	Subasish Tripathy
44	SUBHAM PANIGRAHI	Subham Panigrahi
45	SUNITA RANI PANDA	Sunita Rani Panda
46	SUVAM MISHRA	Suvam Mishra
47	SWAHIL SUVAM	Swahil Suvam
48	VIDHI SHANKARA	Vidhi Shankara
49	ABHIPSA DEHURY	Abhipsa Dehury
50	ABHIPSA MANJAREE PATI	Abhipsa Manjaree Pati
51	ABHISEK BEHERA	Abhisek Behera
52	ABINASHPATI	Abinashpati
53	AGNISH PAHARI	Agnish Pahari
54	ALISHA MALLICK	Alisha Mallick
55	ANANYA ANUMITA	Ananya Anumita
56	ANKIT KUMAR PRADHAN	Ankit Kumar Pradhan
57	ARUNIMA NANDA	Arunima Nanda
58	ASHUTOSH DAS	Ashutosh Das
59	B.LALIT KUMAR	B. Lalit Kumar
60	BARUN KUMAR TRIPATHY	Barun Kumar Tripathy

Prasanta

Dr. Prasanta Ku. Mohanty
Dean Academic

Prabhat

Prabhat K. Pattnaik
FDP Coordinator