

# Workshop on Mechatronics System Design

Date: 12-11-2019 to 13-11-2019

Resource Person: Ansuman Nanda, Lab coordinator

Mechatronic system design deals with the design of controlled motion systems by the integration of functional elements from a multitude of disciplines. It starts with thinking how the required function can be realized by the combination of different subsystems according to a Systems Engineering approach.

Objective

- Understand key elements of the Mechatronics system.
- Understand principles of sensors, its characteristics, interfacing with controller

Outcome

- Identification of key elements of Mechatronics system and its representation in terms of block diagram or circuitry.
- Understanding the concept of signal processing and use of interfacing systems such as Pneumatics system and PLC control.
- Interfacing of Sensors, Actuators using appropriate controllers.
- Development of PLC ladder programming and implementation of real life systems.





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Organised by  
Centurion University of Technology and  
Management

centurion university of technology and management  
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**Snaps during the session of Mechatronics System Design**

## **Brochure of the session**

Resource Person:  
Ansuman Nanda, Lab  
Coordinator

## Participant list



Centurion University of Technology and Management  
 Workshop on **"Mechatronics System  
 Design"**

Date: 12-11-2019 to 13-11-2019  
 Attendance Sheet

SLNo	Name of Participant	Signature
1	SWEETY BISOYI	Sweety Bisoyi
2	SWETAPADMA MISHRA	Swetapadma Mishra
3	TEJASMAYEE PANDA	Tejasmayee Panda
4	TOPHANI SAHU	Tophani Sahu
5	TRUPTIMAYEE CHHOTARAY	Truptimayee Chhotaray
6	ABHIJEET ROUT	Abhijeet Rout
7	ABHISHEK KUMAR GUPTA	Abhishek Kumar Gupta
8	ABHISHEK SAHOO	Abhishek Sahoo
9	AJAY KUMAR RAM	Ajay Kumar Ram
10	AJAYA KUMAR BARAL	Ajaya Kumar Baral
11	AMIT RAGDE	Amit Ragde
12	ANAND KUMAR	Anand Kumar
13	ANUBHAV KUMAR	Anubhav Kumar
14	ANUJ ROUT	Anuj Rout
15	ARUN KUMAR	Arun Kumar
16	ASHISH KUMAR JAISWAL	Ashish Kumar Jaiswal
17	ASMIT KUMAR	Asmit Kumar
18	AVINASH ANAND	Avinash Anand
19	BAIKUNTHA NATH PRADHAN	Baikuntha Nath Pradhan
20	BHIM MISTRY	Bhim Mistry
21	BINOD BIHARI DAS	Binod Bihari Das
22	BISWAJIT KARMAKAR	Biswasit Karanbora
23	CHIRAG MOHANTY	Chirag Mohanty
24	DEBASISH PRADHAN	Debasish Pradhan
25	DEEPAK RATHIA	Deepak Rathia
26	DHANANJAY KUMAR	Dhananjay Kumar

	HEMANTA KUMAR PATRA	Hemanta kumar Patra
27	JITENDRA KUMAR MAHATO	Jitendra kumar mahato
28	JYOTI PRAKASH DUTTA	Jyotiprakash dutta
29	KAMESH CHANDRA NAYAK	Kamesh Chandra Nayak
30	LAXMAN KUMAR MAHATO	Laxman kumar Mahato
31	MANABENDRA BARIK	manabendra barik
32	MANISH KUMAR	manish kumar
33	MANOHAR KUMAR MANDAL	Manohar K. Mandal
34	MAYANK PRIYEDERSHI	Mayank Priyedarshi
35	MOHIT KUMAR PRASAD	Mohit Kumar Prasad
36	MOUVIK KUNDU	Mouvik kundu
37	PRITAM NANDI	Pritam Nandi
38	RAHUL SHAW	Rahul Shaw
39	RAJU KUMAR	Raju Kumar
40	RAKESH RANJAN	Rakesh Ranjan
41	RAMAN KUMAR PATEL	Raman kumar patel
42	RAVINDRA NAIK	Ravindra Naik
43	ROBIN CHANDRA	Robin chandra
44	SACHIN KUMAR	Sachin Kumar
45	SAGAR KUMAR	SAGAR KUMAR
46	SAMRESH KUMAR MODI	Samresh Kumar Modi
47	SARTHAK PRABHUDATTA PRADHAN	Sarthak Prabhudatta Pradhan.
48	SATYAJIT ROY	Satyajit Roy
49	SHUBHAM RAJ	shubham raj
50	SOURAV KUMAR NAYAK	Sourav kumar Nayak
51	SOURAV KUMAR SINGH	Sourav k Singh
52	SOUREESH PAL	Souresh Pal
53	SUBASISH BEHERA	Subashish Behera
54	SUBHAM ROY	Subham Roy
55	SURAJ NARAYAN YADAV	Suraj Narayan Yadav
56	SURESH KASHYAP	Suresh Kashyap
57	SWARAJ KUMAR MAHAPATRA	Swaraj kumar Mahapatra
58	TAPAS KUMAR SAHOO	Tapas kumar sahoo
59	TUSHAR KANTI DEY	Tushar Kanti dey

60	VINAY RAGDE	Vinay Ragde
61	AKASH RAJBHAR	Akash Rajbhar
62	AKASH VIPIN KORUMELLI	Akash Vipin KORUMELLI
63	AKHAYA CHANDAN MISHRA	Akhaya Chandan Mishra
64	ALISHA DASH	Alisha Dash
65	AMRITA SAMAL	Amrita Samal
66	ANKITA PANIGRAHI	Ankita Panigrahi
67	ANSHUMAN DAS	Anshuman Das
68	ARPANA SINHA	Arpana Sinha
69	ASHISH KUMAR NAYAK	Ashish Kumar Nayak
70	ASHUTOSH KUMAR SINGH	Ashutosh Kumar Singh
71	ASHUTOSH NANDA	Ashutosh Nanda
72	ASHUTOSH NANDA	Ashutosh Nanda
73	AUROJYOTI BHATTA	Aurojyoti Bhatta
74	AYUSMAN PATNAIK	Ayusman Patnaik
75	BIKASH BARIK	Bikash Barik
76	BISWAJIT PATSANI	Biswajit Patsani
77	DHEEMAN PATI	Dheeman Pati
78	DIPANKAR RAI	Dipankar Rai
79	HARSHIT SWAIN	Harshit Swain
80	HITISH KUMAR RAY	Hitish Kumar Ray
81	IPSITA PATI	Ipsita Pati
82	ISHAN ROUT	Ishan Rout
83	JAMSHED ANSARI	Jamshed Ansari
84	JEET ROY	Jeet Roy
85	JYOTI PRAKASH SAHOO	Jyoti prakash Sahoo
86	JYOTIRANJAN MOHANTY	Jyotiranjana Mohanty
87	KALPITA PATRA	Kalpita Patra
88	KRISHNA KANT KHUNTIA	Krishna Kant Khuntia
89	MANJEET BHARDWAJ	Manjeet Bhardwaj
90	MAYANK KUMAR PRAJAPATI	Mayankumar Prajapati
91	MOHAMMED SOHAIL	Mohammed Sohail
92	MUKESH KUMAR MAJHI	Mukesh Kumar Majhi
93	PATNALA SAHEL	Patnala Sahel

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94	PRASITYADITYAMOHANTY	Prasityadityamohanty
95	PRATIK BOSE	Pratik Bose
96	PRIYANKA BAHALIA	Priyanka Bahalia
97	RAJESH KUMAR BISWAL	Rajesh K. Biswal
98	RAJESH KUMAR SAHOO	Raj. Sahoo
99	ROHAN KAR	rohan kar
100	ROHIT RAJ	Rohit raj



Dr. Prasanta Ku. Mohanty  
Dean Academic



Prof. KVD Prakash  
Dean - IIE & HRD