

A
Report on
One Week Workshop
For Students
On

“Advance Mechatronics”

28th August to 2nd September,
2018

Course Co-ordinator
Asst. Prof. Swapneel D. Rawool



Department of Automobile Engineering
Rajendra Mane College of Engineering & Technology
Ambav

One Week Workshop on “Advance Mechatronics” by Prolific Systems & Technologies Pvt. Ltd. was organized during 28th August to 2nd September 2018 by Department of Automobile Engineering at R.M.C.E.T, Ambav.

Objective of Workshop:

Explain the operating principles of Hydraulic and Pneumatic systems. Identify the components, component functions, and maintenance procedures of hydraulic and pneumatic systems. Student should able to program PLC.

Programme coordinators: Asst. Prof. S. D. Rawool

Number of participants: 55

Venue: Class Room No 08 and MBA Lab

The major course contents covered are as follows:

- Introduction to Hydraulics and Pneumatics.
- Introduction to basic laws of Fluid Power.
- Operation, maintenance, troubleshooting of Hydraulic Fluids, Filters, Pumps and Valves.
- Operation, maintenance, troubleshooting various components of Pneumatic System
- Circuit Design for Hydraulic and Pneumatic Systems.
- Hands on Practice on Pneumatic Kit.
- Programmable Logic Controller -Allen Bradley PLC
- Supervisory Control and Data Acquisition (SCADA)
- Laser Shaft Alignment

The Expert Faculty:



Mr. Suhas Gadekar

**Educational
Qualification**

: Mechanical Engineer

B. Sc. – Physics

Post Graduate Diploma in Advanced Mechanical
Systems

Total Experience

: 23 years

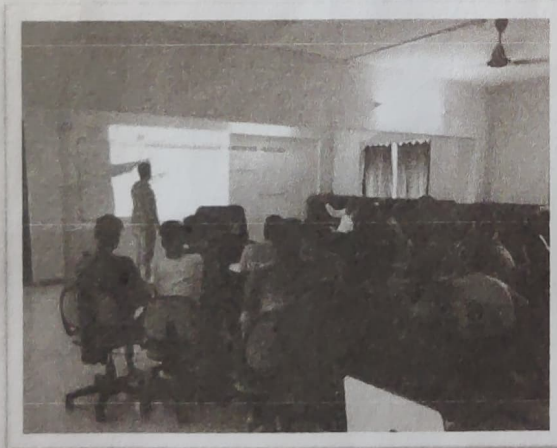
Linguistic Proficiency

: English, Marathi, Hindi



The participants were satisfied with the content of workshop and it provided guidelines for the carrier and project work. Concluding session was followed by a photo session with all participants, organizers and speaker.

Glimpse of the Workshop:



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Coordinator




RAJENDRA MANE COLLEGE OF ENGINEERING & TECHNOLOGY, AMBAV (DEVBUKH)

ONE WEEK WORKSHOP ON "ADVANCE MECHATRONICS"


From 28/08/2018 to 02/09/2018

Participant List

Sr. No.	Name of the Student	Sr. No.	Name of the Student	Sr. No.	Name of the Student
1.	BHINGARDE YASHODHAN DILIP	26.	KOYANDE SHREYASH SHRIKRISHNA	51.	TENDULKAR CHINMAY PRADIP
2.	BHOSALE ANIRUDHA ANILKUMAR	27.	LOKARE MANTHAN SANJAY	52.	TRIVEDI DHAVAL AJAYKUMAR
3.	BHOSALE SAHIL SUNIL	28.	LOTANKAR SAKET SUNIL	53.	VAIDYA SAGAR SANTOSH
4.	BHURAVANE DATTAPRASAD R	29.	MALI AMIT VASANT	54.	VISHWAKARMA SURYASOURABH C
5.	BIRJE SWAROOP PRADEEP	30.	NAIK ABHIJEET GURUNATH	55.	WADKAR AFFAN MUSTAKIM
6.	BURONDKAR SAHAD YASIN	31.	NATALKAR ADIL S		
7.	CHANDELKAR SAIDEEP SHAMSUNDAR	32.	NENE DHANRAJ ASHOK		
8.	DHENKAR TABISH IBRAHIM	33.	PABYE ASHUTOSH ANANT		
9.	DHOKE ADITYA SATISH	34.	PALKAR OMKAR ARUN		
10.	GAWANKAR SAKSHEP SHASHIKANT	35.	PANDIT SAURABH MANOJ		
11.	GHADIGAONKAR AJINKYA PRADIP	36.	PATE ANIL MAHADEV		
12.	HODEKAR ADNAN A RAZZAQUE	37.	PAWAR AKASH KISAN		
13.	HOLAM AKASH MANOJ	38.	PAWAR MANISH MAHENDRA		
14.	JADYAR SHUBHAM CHANDRAKANT	39.	PENDHARI AKSHAY DATTARAM		
15.	KADAM JATIN JAYENDRA	40.	PENDNEKAR NILESH KISHOR		
16.	KADAM RUSHABH AJAY	41.	PHANSEKAR AMIT ANIL		
17.	KADWAIKAR BHARAT MARUTI	42.	POWAR MANGESH KRISHNA		
18.	KANCHAN VISHAL GANGADHAR	43.	PRASADE SHUBHAM SHAMBHU		
19.	KAPDULE PRANIT SHASHIKANT	44.	RANIM DARPAN SUBHASH		
20.	KASHID PRATIK VISHWAS	45.	RAWOOL HARESH SUNIL		
21.	KATE DNYANESHWAR DATTARAM	46.	SHETTY ADITYA PRASAD		
22.	KAVANKAR TASIR MAHAMMAD	47.	SOLKAR TAFRIZ HUSAIN M.		
23.	KHALIFE MOHAMMADZAIN HIDAYAT	48.	SOMAN KSHITIJ SANTOSH		
24.	KHANVILKAR GANESH DEEPAK	49.	SURVE SHAILENDRA SANJAY		
25.	KHATU GAURAV SHEKHAR	50.	TANDEL SIDDHIRAJ SHRINIVAS		


Prof. Rawool Swapneel Dattakumar
Coordinator




PRINCIPAL
Rajendra Mane College of Engineering
& Technology Ambav, Devrukh.
Tal. Sangameshwar Dist. Ratnagiri,
Pin : 415804 (Maharashtra)