

A
Report on
One Week Workshop
For Students
On

“Industrial Fluid Mechanics”
(Hydraulic & Pneumatic Systems)

3rd to 6th August, 2016

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



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

One Week Workshop on “**Industrial Fluid Mechanics**” by Prolific Systems & Technologies Pvt. Ltd. was organized during 03-09 August 2016 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.

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

Number of participants: 67

Venue: Class Room No 12

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.

The Expert Faculty:



Mr. Suhas Gadekar

**Educational
Qualification**

: Mechanical Engineer

B. Sc. – Physics

Post Graduate Diploma in Advanced Mechanical
Systems

Total Experience

: 20 years

Linguistic Proficiency

: English, Marathi, Hindi

List of Participants:

Sr. No.	Name of the Student	Sr. No.	Name of the Student	Sr. No.	Name of the Student
1.	ADHATRAO SANCHIT S	25.	JADHAV PRATHAMESH JAYANT	49.	RAJEBHOSALE VISHVAJIT J
2.	AGRE TUSHAR HIRAJEE	26.	JADHAV PRATIK KRISHNA	50.	RAUT TEJAS HARISHCHANDRA
3.	AROLKAR BALKRISHNA L	27.	JOSHI MANAS UDAY	51.	RAWOOL MAYUR RAJESH
4.	AWASARE RUPESH I	28.	KAMATEKAR OMKAR AJIT	52.	REGE MIHIR SUBHASH
5.	BAGKAR MITHIL UMESH	29.	KAMBLI AKSHAY ANIL	53.	SAKHARKAR BHAVESH S
6.	BAVDHANKAR VAIBHAV V	30.	KUMBHAR TUSHAR TUKARAM	54.	SAKPAL TEJAS NILAM
7.	BHISE SATYAVAN S	31.	LAGAD SHEKHAR SATYAWAN	55.	SAPTE AMOL SHANTARAM
8.	CHAVAN AMIT RAJENDRA	32.	MANCHIKATLA KIRAN RAVI	56.	SHAIKH MUSTKIN IRFAN
9.	CHAVAN MANESH MOHAN	33.	MASURKAR SAGAR SURENDRA	57.	SHITUT CHINMAY C
10.	CHAVAN NIKHIL R	34.	MHARNUR KRUSHNA M	58.	SUTAR ABHISHEK ANIL
11.	DALVI MAHESH RAJARAM	35.	MORE AKSHAY SANJAY	59.	TAMBE ANIKET ANIL
12.	DANGE SATISH SAKHARAM	36.	NAGWEKAR MAITREYA M	60.	TAMBE PRATIK CHANDRAKANT
13.	DESAI SAIRAJ VIJAY	37.	NAIK HARSHAD EKNATH	61.	TATKARE PRANIT UDAY
14.	DESAI SUBODH VIJAY	38.	NAIK OMKAR PRADEEP	62.	VARTAK CHINMAY PRAMOD
15.	DEVALEKAR PRATESH P	39.	NAKHWANA SAFWAN HIDAYAT	63.	YADAV ARVIND MITHILESH
16.	DHAMALE KAUSTUBH NITIN	40.	NALAWADE PRASAD ASHOK	64.	YADAV SURAJ SANTOSH
17.	GARADE VAIBHAV SHIVAJI	41.	NAZARE SANKET SANJAY	65.	SATOPE SUMIT
18.	GHAWALI SAUMITRA D	42.	PARULEKAR CHAITANYA P	66.	PATHARE NIKHIL
19.	HADKAR AKASH ANKUSH	43.	PASTE VINAYAK ANAND	67.	GHANEKAR GEETRAJ
20.	JADHAV ACHAL G	44.	PATIL ABHIJEET BALAWANT		
21.	JADHAV ADITYA VILAS	45.	PAWAR SUHAS SURESH		
22.	JADHAV KAMLESH S	46.	PAWAR TUSHAR RAVINDRA		
23.	JADHAV KIRAN PRAKASH	47.	POKALE DATTAPRASAD S		
24.	JADHAV PRASAD NAMDEV	48.	RAHATE TEJAS GOVIND		

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:



