



POORNIMA

COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

Poornima College of Engineering, Jaipur

Activities Organized under the MoU with MEPa2zLLP

S .N.	Department	Date	Type	Name of Activity	Page No.
1	Mechanical Engineering	16/1/2020	Expert Lecture	Advancements in Pumps and Pumping Technology	2-9



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A REPORT ON EXPERT TALK

TITLE AND DURATION: An Industry Expert Lecture on “Advancements in Pumps and Pumping Technology” on Jan 16, 2020

SPONSORS & SUPPORTERS: Under MoU with MEPa2zLLP, ASHARE Rajasthan Chapter

ORGANIZER(S): Department of Mechanical Engg, Poornima College of Engineering, Jaipur.

EXPECTED OUTCOMES:

Activity-1.1	Student will be able to enhance the knowledge of Pumping Industry.
Activity-1.2	Student will be able to recognize the different scopes of Mechanical Engineering in Pumping Industry.
Activity-1.3	Student will be able to analyse their future perspective in the field of Pumping Industry.

MAPPINGS WITH PO & PSO:

CO-PO-PSO Mapping: Mapping Levels: 1- Low, 2- Moderate, 3-Strong

CO	PO												PSO		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	3	-	-	-	-	-	-	-	2	3	-
CO2	-	-	-	-	-	-	-	-	3	-	-	-	2	3	-
CO3	-	-	-	-	-	-	-	-	-	-	-	3	2	3	-

FLYER / POSTER:

INDUSTRY EXPERT LECTURE SERIES

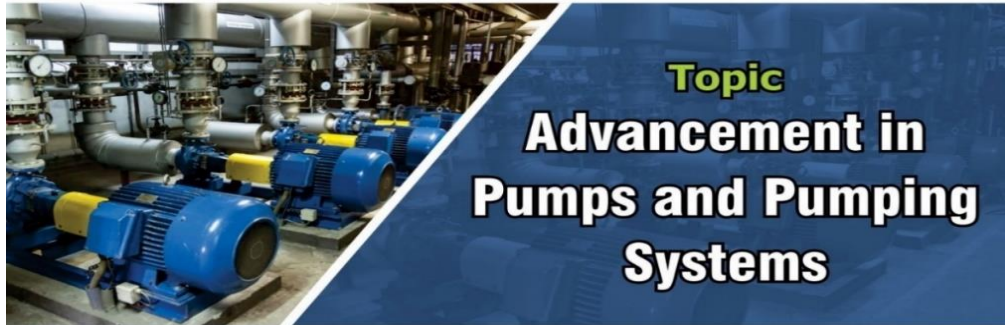
January 16, 2020



POORNIMA
COLLEGE OF ENGINEERING
Department of Mechanical Engineering



Rajasthan Chapter



RSVP

Mr. Shailendra Kasera

Mob. : 9983144773

shailendrakasera@poornima.org

Supported by :



Time: 10:00 AM onwards • Venue: Seminar Hall, Poornima College of Engineering, Jaipur

About the Company (Xylem Inc.)

Xylem is a leading water technology company committed to "solving water" by creating innovative and smart technology solutions to meet the world's water, wastewater and energy needs. In a world of ever-growing challenges, Xylem delivers innovative water technology solutions throughout the cycle of water.

Their technological strength across the life cycle of water is second-to-none. From collection and distribution to reuse and return to nature, our highly efficient water technologies, industrial pumps and application solutions not only use less energy and reduce life-cycle costs, but also promote sustainability.

Xylem Inc. values Indian market greatly and attaches high importance to its development and growth in India. Xylem Water Solutions India Private Limited was established in 2011 from the spin-off water related business of ITT Corporation India Pvt. Ltd. At present, Xylem India has its Technology Centre and manufacturing facility in Baroda and sales offices in Bangalore, Delhi, Mumbai, and Pune. The total number of employees in India exceeds 200.

Xylem brings advanced management system and superior work culture to India with Integrated Management System Certifications for ISO 14001:2004 and OHSAS 18001:2007. It uses VBLSS to increase the efficiency of its enterprises. Xylem has attached great importance to the training and development of local employees in order to fully utilize the talent of local employees. Xylem Water Solutions India facility located in Vadodara, is IGBC-LEED Gold rated and caters to India and

neighbouring countries by offering solutions for Water and Wastewater transport, treatment and testing to Power, Irrigation, Commercial Building Services and Municipal sectors. Xylem India has built one of its world's largest pump testing facility of 7.5 MW and 80,000 m³/hr capacity in Vadodara. The facility is capable to test vertical turbine pumps, horizontal split case pumps and dry pit sewage pumps. Here the pumps are tested for performance, submergence and reliability.

Brief Report

Department of Mechanical Engineering, **Poornima College of Engineering (PCE), Jaipur** organized an Industry Expert Lecture on Advancements in Pumps and Pumping Technology on Thursday i.e. Jan 16, 2020 in association with Xylem Inc. It is supported by MEPa2z LLP and ASHRAE Rajasthan Chapter.

The occasion witnessed the presence of **Mr. Rahul Chafekar, CFD Engineer, Xylem Inc, Vadodara, Mr. Atul Singh, Design Engineer, Xylem Inc, Vadodara and Mr. Ankit Gupta, Assistant Manage- AWS Rajasthan.** 75 students of PCE along with the faculty members attended the Lectures.

Mr. Rahul Chafekar delivered the talk on Fundamentals of Pumps and Pumping Technology. He explained the basic concepts with help of practical examples. Mr Atul Singh talked about the Energy Efficiency in the Pump. He focuses upon the Variable Frequency Drive (VFD).

Glimpses









Industry Expert Lecture on Advancements in Pumps and Pumping Systems

Jan 16, 2020

Q-Sheet

Venue: Seminar Hall, PCE

Time: 12:15 PM to 3:00 PM

S. No.	Program	Timings
1.	Arrival of Guests at Seminar Hall, PCE	12:15 PM
2.	Welcome of Dignitaries and Memento presentation Felicitation of Mr. Atul Singh , Asst Manager-Design, Xylem By Dr. Mahesh Bundeale , Director, PCE Felicitation of Mr. Rahul Chapekar , Lead Engineer, Xylem By Dr. Yogesh, Singh , HOD, ME, PCE Felicitation of Mr. Ankit Gupta , Asst Manager-Sales, Xylem By Mr. Shailendra Kasera , Asst Prof, ME, PCE	12:15 PM to 12:20 PM
3.	Welcome address by Dr. Mahesh Bundeale, Director, PCE	12:20 PM to 12:25 PM
4.	Lecture on “ Fundamentals of Pumps and Pumping Technology ” by Mr. Atul Singh , Asst Manager-Design, Xylem	12:25 PM to 1:40 PM
5.	Lecture on “ Energy Conservation in Pumps ” by Mr. Rahul Chapekar , Lead Engineer, Xylem	1:40 PM to 2:55 PM
6.	Vote of Thanks by Anchor	2:55 PM

List of Students

S. No	Registration No.	Sem.	Section	Name of Student
1	PCE16ME116	VIII	B	VIJENDRA SINGH
2	PCE16ME067	VIII	B	NITIN KHANDELWAL
3	PCE16ME100	VIII	B	SHIVAM AGARWAL
4	PCE16ME082	VIII	B	RAHUL MEENA
5	PCE16ME101	VIII	B	SHIVMANI KUMAR
6	PCE16ME091	VIII	B	SAHIL KHAN
7	PCE16ME109	VIII	B	TALVINDRA KUMAR
8	PCE16ME072	VIII	B	PRAKASH SUTHAR
9	PCE16ME126	VIII	B	YOGESH SAHU
10	PCE16ME087	VIII	B	RAVI RANJAN
11	PCE18ME708	VI	A	RAHUL KUMAR
12	PCE18ME705	VI	A	SAJID GOURI
13	PCE18ME704	VI	A	RAHUL KR. BOHRA
14	PCE18ME709	VI	A	VINESH SONI
15	PCE17ME092	VI	A	SOM AGARWAL
16	PCE17ME065	VI	A	NISHANT KR.
17	PCE17ME069	VI	A	PARASHRAM MALI
18	PCE17ME057	VI	A	LOKESH YADAV
19	PCE17ME077	VI	B	PRASHANT KUMAR
20	PCE17ME074	VI	B	PIYUSH TIWARI
21	PCE17ME095	VI	B	TAPAN NYATI
22	PCE17ME045	VI	A	HARSHITA BHATIA
23	PCE18ME703	VI	A	MANISH SINGH CHOUHAN
24	PCE18ME706	VI	A	SHYAM WASI
25	PGI17ME003	VI	B	ADITYA GUPTA
26	PCE18ME037	IV	A	LAKSHAY KHANDELWAL
27	PCE18ME038	IV	A	LAKSHAY MITTAL
28	PCE17ME055	VI	A	LEKHA TIWARI
29	PCE17ME075	VI	A	PRAKHAR TOLAMBIA
30	PCE17ME053	VI	A	LAKSHAY SAPRA
31	PCE17ME063	VI	A	NARESH
32	PGI17ME034	VI	B	SUNIL KUMAWAT
33	PGI17ME032	VI	B	SHER SINGH
34	PGI17ME016	VI	B	HARSHIT SAINI
35	PGI17ME028	VI	B	RAHUL ALRIA
36	PGI17ME036	VI	B	VIKAS SHARMA
37	PCE18ME058	IV	A	ROHIT PRADHAN
38	PCE18ME057	IV	A	ROHIT KUMAR VERMA
39	PCE18ME076	IV	A	SAMEER BARGUJAR
40	PCE17ME039	VI	A	GOVIND PATEL
41	PCE17ME036	VI	A	GOURAV SHARMA

42	PCE17ME040	VI	A	HARISH GUPTA
43	PCE17ME002	VI	A	AADITYA SINGH
44	PCE17ME003	VI	A	AADITYA SINGH RAJAWAT
45	PCE17ME019	VI	A	AAYUSH KHANDELWAL
46	PCE17ME016	VI	A	ARMESH SAINI
47	PCE17ME009	VI	A	AMIT SINGH RAWAT
48	PGI17ME030	VI	B	SAMNDEEP KUMAR SONI
49	PGI17ME009	VI	B	BHAVESH KUMAR
50	PGI17ME005	VI	B	ALI SHAN
51	PGI17ME011	VI	B	KAUSHAL KISHOR
52	PGI17ME007	VI	B	ARVIND SINGH
53	PGI17ME013	VI	B	DINESH KUMAR MEENA
54	PGI17ME037	VI	B	ANKIT KUMAR SISODIYA
55	PGI17ME104	VI	B	YASH KUMAWAT
56	PGI17ME004	VI	B	ALASHAD CHIPPA
57	PCE18ME034	IV	B	JOBIN DAVID
58	PCE18ME045	IV	B	NIDISH PAREEK
59	PCE17ME078	VI	B	PRAVEEN KUMAR JHA
60	PGI17ME026	VI	B	NISHANT MAHESHWARI
61	PCE17ME080	VI	B	RAHUL
62	PGI17ME037	VI	A	ANKIT KUMAR
63	PGI17ME010	VI	B	BHAWANI SHANKAR SHARMA
64	PGI17ME024	VI	B	MUHAMMAD AAKIB
65	PCE17ME101	VI	B	VIKRAM THAKUR
66	PGI17ME027	VI	B	PRIYA YADAV
67	PCE17ME029	VI	A	DIVYANSHU SINGHAL
68	PCE17ME038	VI	A	GIRISH GUPTA
69	PCE17ME041	VI	A	HARSH RAJ
70	PCE17ME015	VI	A	ANURAG AGARWAL
71	PCE17ME048	IV	A	PRABHAKAR THAKUR
72	PCE17ME007	VI	A	AMAN BHARDWAJ
73	PCE17ME021	VI	A	BHASKAR SHARMA
74	PCE17ME064	VI	A	NARESH BABU SHARMA
75	PCE17ME043	VI	A	HARSHIT LUHAR
76	PCE17ME707	VI	A	VIPUL SINGH SOLANKI
77	PCE18ME065	IV	A	SHUBHAM THERA
78	PCE17ME033	VI	A	GAURAV JOSHI
79	PCE17ME027	VI	A	DEVENDRA SINGH
80	PCE17ME024	VI	A	CHIRAG LODWAL
81	PCE17ME048	VI	A	KANHAIYA KUMAR
82	PCE17ME032	VI	A	GANESH SHARMA
83	PCE17ME031	VI	A	GAGAN DEEP
84	PCE17ME042	VI	A	HARSHIT KUMAR MEENA

