



Learn Beyond

KPR Institute of Engineering and Technology

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

Phone: 0422-2635600**Web:** kpriet.ac.in**Social:** kpriet.ac.in/social**EE069****NBA Accredited**
(CSE, ECE, EEE,
MECH, CIVIL)**PUMP MANUFACTURING AND TESTING**

Event No	EE069
Organizing Department	Electrical and Electronics Engineering
Associate Dept. NSC	Centre of Excellence
Date	25/03/2023
Time	09:00 AM to 04:00 AM
Event Type	VAC / Training Program
Event Level	Institute
Venue	III EEE A
Total Participants	96
Industry Personnel	86
Faculty - Internal	10

Related SDG**Resource Persons**

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Dr Sunil S R Gangoli	R&D;	EKKI PUMPS	vignesh.cj@kpriet.ac.in	xxxxxxxxxx

Involved Staffs

Sl	Name	Role
1	Vignesh Cj	Co-convenor
2	Lalitha B	Convenor

Outcome

Event outcome

Materials Used In Pump Industry

Production Planning and Tools

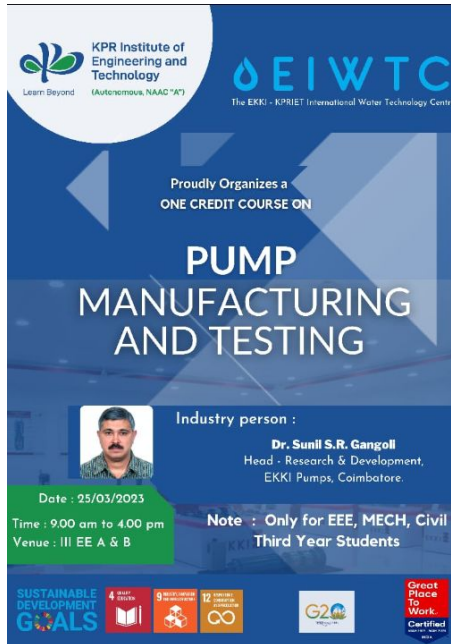
Product Management and Testing

Event Summary

The EKKI KPRIET International Water Technology Centre (EIWTC) organized a one credit course on 25/03/2023. A heart-warming welcome was delivered by Prof.B.Lalitha, Head / EIWTC. The resource person Dr.Sunil S.R.Gangoli, Head R&D, EKKI Pumps has delivered valuable lecture on

- Standards and Certifications of Pump Industry such as IS 10804 : Part 1: 2018, Monoblock Testing standard – IS-14220:1984, Open well submersible pump sets standard – IS 8418 : 1999 , Centrifugal self-priming – IS 8034 : 2018, Submersible pumpsets and how this standard are maintained in the manufacturing process
- Materials Used In Pump Industry such as Cast iron – Bronze – Nickel aluminium bronze – 300 series stainless steel – 400 series stainless steel material in the different parts of the motor.
- Production Planning and Tools how the 5s implemented in industries and how the six sigma followed to reduce the retardancy in the in the manufacturing process.
- Product Management how the inventory system is maintained for material flow in the workstation and value streaming mapping of each process in the industries and in the final product different test such as high voltage test , insulation resistance test , assembling the pump and motor in the testing process. different test procedure followed in the mono block , submono block and submersable pump are explained by the guest.

The vote of thanks was delivered by Mr.C.J.Vignesh, AP(Sr.G)/EEE. There were 86 students and 10 faculty actively participated in the programme and benefited. The EIWTC thanks to the management for providing this opportunity to conduct the one credit course successfully.



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THE EKI - KPRIET International Water Technology Centre

Proudly Organizes a
ONE CREDIT COURSE ON

PUMP MANUFACTURING AND TESTING

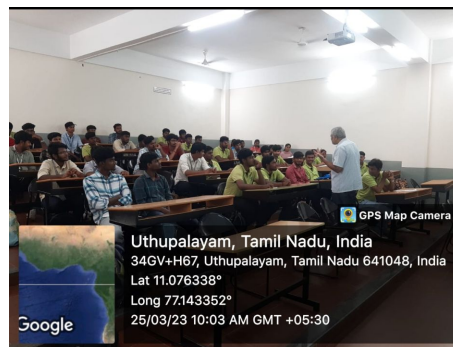
Industry person :
Dr. Sunil S.R. Gangoli
Head - Research & Development,
EKKI Pumps, Coimbatore.

Date : 25/03/2023
Time : 9:00 am to 4:00 pm
Venue : III EE A & B

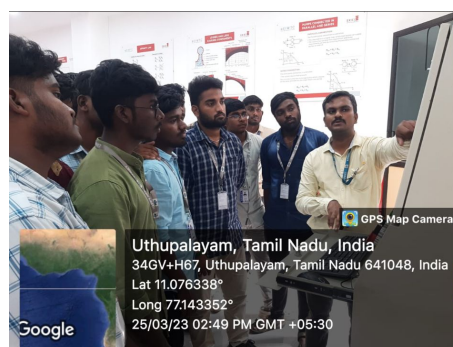
Note : Only for EEE, MECH, Civil
Third Year Students

SUSTAINABLE DEVELOPMENT GOALS
4 Quality Education
9 Industry Innovation
12 Responsible Consumption
G20
Great Place to Work
Certified

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