



CENTRE OF PUMP ENGINEERING



CENTRAL INDIA'S FIRST NABL ACCREDITED PUMP & MOTOR TESTING LAB



Centre of Pump Engineering (COPE) is established in SGSITS Indore as the "Centre of Excellence in Rotating Machines". It facilitates for the testing of Solar based pumps, Monoset pumps, Submersible pumps, Openwell pumps and 3-phase induction motors as per IS standards and MNRE guidelines. The COPE has world-class infrastructure for the research, testing and development of rotating machines. It is also recognized by National Accreditation Board for Testing and Calibration Laboratories (NABL.) as per ISO/IEC 17025:2017.

INFRASTRUCTURE

- In the campus of SGSITS Indore, COPE has dedicated area for testing and research facilities for pump and three-phase induction motors.
- Pump testing setup upto 30 HP, 4 inch size outlet at 50Hz
- Three-phase induction motor testing setup upto 30 HP at 50Hz.
- Solar Pump testing setup upto 10 HP as per MNRE guidelines as per IS-17429
- COPE uses high class accuracy and precision instruments for testing of motors and pumps
- On the rooftop of laboratory solar PV panel mounting structure is available to facilitate real time testing .
- It is also equipped with a solar array PV simulator of 15 KW from AMETEK.

OUR TESTING FACILITIES

- Solar Pumping System as per IS-17429
- Monoset Pumps and Motor as per IS- 9079
- Submersible Pumpset as per IS-8034 & IS-9283
- Openwell Submersible Pump-set as per IS-14220 & IS-9283
- Centrifugal Pump and Motor

Email: fmlab.sgsits@gmail.com
Website: www.sgsits.ac.in

DR. B. MORE - 7895903456
DR. S SHARMA - 9425029100
DR. P.GANAI - 8989006089

MR H.CHOUBEY- 9407338111
MR A.MISHRA- 9770180472

COPE, SGSITS Indore
23, Sir M. Visvesvaraya Marg, Vallabh Nagar,
Indore, M.P 452003
Tel No.: 0731-2582101, 2582112