

HYDRAULICS LABORATORY

The hydraulics laboratory is a fully equipped laboratory with all necessary equipment and accessories required for the smooth conduct of the Bachelor of Technology Program in civil engineering. The laboratory has kept pace with modern technological advancements with the addition of new equipment as and when required.

The hydraulics laboratory is equipped with flow measuring equipment like orifices, notches, orifice meter, and venture-meter. The other equipment available in the laboratory are as follows:

Name of the Important equipment	Technical Manpower Support		
	Name of the Technical Staff	Designation	Qualification
<ul style="list-style-type: none"> • Rain Fall Simulator (Hydrology Apparatus), • Channel Flume • Open Channel Flume • Ring Test Hydro Turbine and Pump • Impacts of Water Jet • Floating body Test • Discharge measuring devices • Infiltrometer • Viscometer • Reynolds Apparatus • Channel Flume • Reynolds Apparatus • Venturi Meter (Bernoulli) • Hydraulics Bench (Volumetric) • Hydraulics Bench (Gravitymetric) • 2.5 Meter Flow Channel 	Mr. Mohd Sadiq	Technical Assistant	Diploma in Civil Engineering



BERNOULLI'S APPARATUS

REYNOLD'S APPARATUS





WHEEL TEST RIG



OPEN CHANNEL



HYDRAULIC BENCH

2.5m FLOW CHANNEL



HYDROLOGY APPRATUS

IMPACT OF JET APPRATUS





HYDRAULIC COEFFICIENT
APPARATUS

METACENTRIC HEIGHT
APPARATUS





FALLING SPHERE VISCOMETER

MINOR HEAD LOSS APPARATUS
WITH HYDRAULIC BENCH





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BY FACULTY**