

Pabna Polytechnic Institute
Department wise Lab/Workshop Information.

Department Name:- Civil Technology

Serial	Workshop/Lab Name	Major Working Area	Major Equipment Information			
01	Mason Shop		SL No.	Equipment Name	Quantity	Function
			01	Compression Testing Machine	01	Concrete/Brick compression testing.
			02	Briquette Testing Machine	01	Cement, Setting time, tensile, SP.gr.FM, Compressive
			03	Vicat Apparatus	06	
			04	Loss Angels Abrating Testing Machine (Dorris Machine)	01	Abartion test for 'Khoa'
			05	Sieve Set	05	Sieve analysis
			06	Speedy Moisture Meter	02	Aggregate grading
02	Soil Lab		SL No.	Equipment Name	Quantity	Function
			01	CBR Test Apparatus	01	CBR test for soil compaction
			02	Unconfined Testing Machine	01	Unconfined testing
			03	Hydrometer	01	Abter bus limit test apparatus/Grain analysis test
			04	Pycnometer	05	SP.gr. of soil
			05	OMC Testing Machine	02	Density test
03	Survey Shop		SL No.	Equipment Name	Quantity	Function
			01	Total Station	02	Traversing, counting, plane table, compass, surveying etc.
			02	Digital Theodolite	02	
			03	GPS Machine	04	
			04	Digital Leveling Machine	02	

			SL No.	Equipment Name	Quantity	Function
04	Auto Civil Lab/ Drafting Lab		01	Computer	10	Auto CAD 2D, 3D including building design, drawing, plotting, printing, spread sheet, database, programming, scanning, word processing etc.
			02	Scanner	01	
			03	Printer/Plotter	03	
			04	Multimedia Projector	02	

