

## 1. PUBLIC HEALTH ENGINEERING LAB



(Shri Prince Shivaji Maratha Boarding House's)

**NEW POLYTECHNIC, KOLHAPUR**

**DEPARTMENT OF CIVIL ENGINEERING (CE)**

Name of Laboratory	PUBLIC HEALTH ENGINEERING
Area of Lab	66 Sq.m.
Lab In charge	MR. V. M. PATIL
Lab Assistant	MR. J. P. TELVEKAR
Total Investment	Rs 2, 33, 237 /-

**-: Major Equipment List:-**

- 1- WATER DISTILLATION UNIT
- 2- COD DIGESTER
- 3- JAR TEST APPARATUS
- 4- DIGITAL PH METER
- 5- DIGITAL TURBID METER
- 6- BOD INCUBATOR

2. HYDRAULICS LAB



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**DEPARTMENT OF CIVIL ENGINEERING (CE)**

Name of Laboratory	Hydraulics
Area of Lab	66 Sq.m.
Lab In charge	MR. R. S. KATTI
Lab Assistant	MR. E. B. Patil
Total Investment	Rs 1,62,488/-

**-: Major Equipment List:-**

- 1- EXPERIMENTAL SET UP OF BERNOULLIS THEOREM
- 2- VENTUREMETER TEST APPARATUS
- 3- REYNOLDS APPARATUS
- 4- FLOW THROUGH ORIFICE & MOUTH PIECE APPARATUS
- 5- TILTING FLUME 4 M

### 3. MECHANICS OF STRUCTURE LAB



(Shri Prince Shivaji Maratha Boarding House's)

**NEW POLYTECHNIC, KOLHAPUR**

**DEPARTMENT OF CIVIL ENGINEERING (CE)**

Name of Laboratory	MECHANICS OF STRUCTURE
Area of Lab	130 Sq.m.
Lab In charge	MR. K. M. PATIL
Lab Assistant	MR. J. G. INGAVALE
Total Investment	Rs 2, 50, 020 /-

**-: Major Equipment List:-**

- 1- UNIVERSAL TESTING MACHINE CAPACITY 40 T
- 2- IMPACT TESTING MACHINE
- 3- SHEAR BLOCK ACCESSORIES
- 4- TILE FLEXURE STRENGTH TESTING MACHINE

4. SURVEYING LAB



(Shri Prince Shivaji Maratha Boarding House's)

**NEW POLYTECHNIC, KOLHAPUR**

**DEPARTMENT OF CIVIL ENGINEERING (CE)**

Name of Laboratory	SURVEYING
Area of Lab	66 Sq.m.
Lab In charge	MS. R. R. PATIL
Lab Assistant	MR. E. B. Patil
Total Investment	Rs 3, 89,630 /-

**-: Major Equipment List:-**

- 1- MICRO OPTIC THEODOLITE
- 2- ELECTRONIC DIGITAL THEODOLITE WITH TRIPOD
- 3- TRANSIT THEODOLITE
- 4- DIGITAL PLANIMETER
- 5- TOTAL STATION WITH ACCESSORIES
- 6- THEODOLITE
- 7- DUMPY LEVEL

5. CONCRETE TECHNOLOGY LAB



(Shri Prince Shivaji Maratha Boarding House's)

**NEW POLYTECHNIC, KOLHAPUR**

**DEPARTMENT OF CIVIL ENGINEERING (CE)**

Name of Laboratory	CONCRETE TECHNOLOGY
Area of Lab	66 Sq.m.
Lab Incharge	MR. R. S. KATTI
Lab Assistant	MR. E. B. Patil
Total Investment	Rs 89,881 /-

**-: Major Equipment List:-**

- 1- COMPRESSION TESTING MACHINE
- 2- VEE-BEE CONSISTOMETER
- 3- LOS ANGELES ABRASION TESTING MACHINE
- 4- FLOW TABLE MOTORISED
- 5- AGGREGATE IMPACT TESTING MACHINE
- 6- REBOUND HAMMER
- 7- COMPACTION FACTOR APPARATUS