


MINE VENTILATION LAB

SL. NO	NAME OF EXPERIMENT	PHOTOGRAPHS	LIST OF EQUIPMENTS
1	Calculation of relative humidity by stationary hygrometer		Stationary hygrometer
2	Study of relative humidity by storrow's hygrometer		Whirling hygrometer
3	Calculation of cooling power of mine air using Kata thermometer.		Kata Thermometer
4	Study of air crossing, ventilation doors at pit-top		Ventilation door with regulator Air-crossing
5	Study & use of Vane Anemometer, Digital Anemometer, Velometer		Anemometer Velometer
6	Determination of duct characteristic.		Different type of stopping
7	Study of constructional features of axial flow and centrifugal fans.		Centrifugal fan / Sirroco fan
8	Determination of fan characteristic curve.		Axial-flow fan model
9	Study and sketching of regulator, airlocks		Ventilation door with regulator
10	Study and use of digital anemometer.		Anemometer
11	Measurement of quantity of air flow by digital anemometer.		Anemometer