



**Tulsiramji Gaikwad-Patil College of Engineering and Technology**

Wardha Road, Nagpur-441 108

NAAC A+ Accredited & An Autonomous Institute







Approved by AICTE ,New Delhi, Govt .of Maharashtra & Affiliated to RTM Nagpur



*Department of Science & Humanities*

**CHEMICAL PROCESS IN ENGINEERING (BSH31105)**

**QR-CODE**

EXPERIMENTS	QR CODE	EXPERIMENTS	QR CODE	EXPERIMENTS	QR CODE
1. Determination of Moisture and Volatile matter Content of Coal sample. [CO1]		2. Determination of Ash in a coal sample. [CO1]		3. Determination of Flash Point of given Oil by Abel's Apparatus. [CO1]	
4. Determination of Pensky-Marten's closed – cup flash Point of an oil Sample. [CO1]		5. Determination of capacity of cation exchange resin. [CO2]		6. Determination of Heat of Hydration of Given Material. [CO2]	



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EXPERIMENTS	QR CODE	EXPERIMENTS	QR CODE	EXPERIMENTS	QR CODE
7. Determination of Temporary & Permanent hardness of water by complexometric method. [CO3]		8. Determination of hardness of water due to Calcium and Magnesium ions separately. [CO3]		9. Determination of pH of waste water by using pH Meter. [CO4]	
10. Determination of Electrode Potential of Copper metal by Galvanic cell. [CO4]		11. Estimation of Amount of Zinc Deposited During Electroplating. [CO5]		12. Effect of temperature on rate of corrosion. [CO5]	