



M.V.P. SAMAJ'S
K. T. H. M. College, Nashik-2.
Department of Electronic Science

Class: - T. Y. B. Sc.
Subject: Practical Course-II (EL 368)

Year: - 2021-22

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Sr. No.	Title of the experiment	Date	Page No.	Remark
Group A: Embedded Systems using Microcontrollers				
1	Simple Programs: arithmetic and logical operations using PIC			
2	Interfacing LED/switch to PIC			
3	Interfacing LCD to PIC			
4	Interfacing sensors to PIC			
Group B: Fundamentals of Process Control Systems				
1	Design and develop ON/OFF controller using microcontroller			
2	Design and Development of ON/OFF temperature control system using Arduino			
GROUP C: Sensors and Systems				
1	Design, develop and test signal conditioning circuit for optical sensors (LDR/Photodiode/Phototransistor)			
2	Study of Smart sensors.			
Group D: Activity				
1	Do it Yourself Open ended Project			

CERTIFICATE

This is to certify that Mr./Miss. _____ of **T. Y. B. Sc.** Exam Seat No. _____ has satisfactorily completed _____ out of **8** experiments and _____ out of **1** activity equivalent to two experiment of practical course during year **2021-22** and the same have been examined and signed by In- charge.

Practical In-charge

Examiner

1. External Examiner
2. Internal Examiner

(Prof. S. S. Demse)
Head
Dept. of Electronic Science