

**MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR**  
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute, Affiliated to RGPV, Bhopal)



**Session: July-Dec 2021**

**Minor Project Report**

**On**

**“PORTABLE INVASIVE MECHANICAL  
VENTILATOR”**

**Bachelor of Technology**

**In**

**Electronics Engineering**

Submitted By

- 1 Sheetal Jain (0901ET191060 )**
- 2 Robin Singh Yadav (0901ET191054 )**
- 3 Mehul Jain (0901ET191044 )**
- 4 Suryansh Sharma (0901ET191066 )**

Guided by

**Dr Deepak Batham**

**Assistant Professor**

**DEPARTMENT OF ELECTRONICS ENGINEERING  
MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE  
GWALIOR-474005 (M.P.)**

**MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR**  
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute, Affiliated to RGPV, Bhopal)



**CERTIFICATE**

This is to certify that the Minor Project entitled “**PORTABLE INVASIVE MECHANICAL VENTILATOR**” which is being submitted by **Sheetal Jain, Robin Singh Yadav, Mehul Jain, Suryansh Sharma** in partial fulfillment for the award of the degree of BACHELOR OF ENGINEERING IN ELECTRONICS ENGINEERING UNDER RGPV, BHOPAL (State Technological University of M.P). It is a record of their own work carried by them under my guidance and supervision. To the best of my knowledge, the matter present in this major project is original work and has not been submitted anywhere for the award of any other diploma or degree certificate.

**Under the Guidance of**

**PROF. DEEPAK BATHAM**  
(Assistant Professor)

**DR. LAXMI SHRIVASTAVA**  
(Head of Department)

DEPARTMENT OF ELECTRONICS ENGINEERING  
MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE  
GWALIOR-474005(M.P.)