

FOREWORD

As man is progressing in various fields like telecommunication, technology, and other fields, so is our day to day pollution levels. As a result, we are prey to lots of airborne diseases, allergies and countless more. The project aims at creating a reliable Multipurpose Dust and Gas detection system which can be used as a monitoring device to keep you constantly aware about the surrounding environment and take preventive steps if necessary.

With the constant guidance and inputs from our professor- Nayanmoni Kakoty Sir, we have attempted to create the device. A detailed study of the components and circuitry has been done in this report. We have attempted at our best to keep it as simple as possible and also reliable. We expect that every person who reads this report gets an in-depth view of what we have done.

Thank you.

(Shibani Das, CSB16030)

(Garg Acharya Dutta, CSB16003)