**Finolex Academy of Management and Technology, Ratnagiri**

**Automatic Room Light Control with Bidirectional Visitor Counter**

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**Preface**

The project report on ‘Automatic room light control with bidirectional visitor counter’ is written in partial fulfillment of the term work under the course ‘Business Communication and Ethics - Semester V. The report contains all technical information about the basic of this project, its design and its working. The report is useful for student of electronics engineering to understand the automatically count person in the room.

It gives us great pleasure to express our sincere, hearty gratitude to Ms. Nargis Ghanekar, Department of Electronics, FAMT, for their kind interest, inspiring guidance, valuable advice, constant encouragement and help throughout the present report work. There is must thank Prof. G .G. Bhide, H.O.D. of Electronics Engineering Department for his constant encouragement and best support for the completion of this project. There are also thankful to our all the teachers and supporting staff members who have directly or indirectly helped us till now in our project progress.

**Abstract**

The project “Automatic room light controller with visitor counter” using microcontroller is a reliable circuit that takes over the task of controlling room lights as well as counting number of persons/visitors in the room very accurately. In today’s world, there is a continuous need for automatic appliances with the increase in standard of living, there a sense of urgency for developing circuits that would ease the complexity of life. Also if at all one wants to know the number of people present in room so as not to have congestion. This circuit will be helpful.

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