BansilalRamnathAgarwal Charitable Trust’s

Vishwakarma Institute of Information Technology

*(Department of Electronics & Telecommunication)*

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*A*

*Project entitled*

*“Smart Wireless controlled Pick N Place Line Following Robot****”***

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Employability Skills and Mini Project

T.E. Electronics & Tele-Communication

*of*

*University of Pune*

*Under the supervision of*

**(Dr.S.R.Joshi)**

*Year 2018 – 2019*

BansilalRamnathAgarwal Charitable Trust’s

Vishwakarma Institute of Information Technology

*(Department of Electronics & Telecommunication)*

**CERTIFICATE**

This is to certify that the project “**Smart Wireless Controlled Pick N Place Line following Robot”** has been successfully completed by

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It is a work done by the students and has not been submitted previously by any other student/students.

The work is done, on the basis of the work allotted to these students, based on various Project ideas presented by them.

This project report is being submitted as a part of the subject Mini Project and Seminar at T.E.-E&TC

(Dr.S.R.Joshi) (Dr.S.V.Kulkarni)

Project Guide H.O.D- E& TC

### ACKNOWLEDGEMENT

The ‘Smart Wireless Pick and Place Robot’ designed and develop by us is a small effort in taking a step towards automation in day to day life things.

At first we would like to exoress our sincere gratitude to our project guide Dr.S.R.Joshi for Motivating us to implement such idea and also keeping us on track throughout the project by providing constant guidance and all the support we required to complete the project.

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Last but not the least we would like to thank each and every person who helped us direcly or indirectly to complete this project.

Arpit Shrivastava

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**NOTICE**

Project Report format for T.E. E&TC students

Students should prepare the report using the following guidelines. Projectreports should be prepared in the spiral boundvolumes. While preparing the reports, they should keep page margin as below:

**Top & bottom margin of the page: 1 inch each**

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Font size should be 12 normal in ‘Times New Roman’ for body text. For heading and subheading font size 14 and 12 (all capital and bold), respectively should be used. For footnotes and captions of the figures, font size 10 should be used. Italic or any other style can be used at appropriate places wherever required. Text should be typed by keeping one and half space only. Sufficient spacing should be given (probably double) while writing headings / titles etc. but Only limited number of datasheets of important IC’s should be included at the end of the report as appendix. Preface or acknowledgment should be included at the starting of each copy of the report and must be signed with date by every student.