

CNC machine based complete PCB assembly line (milling)

Submitted in partial fulfilment of the requirements
of the degree of

Bachelors of Engineering

by

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Supervisor:

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Department of Electronics

V.E.S. Institute of Technology/University of Mumbai

2019 - 20

CERTIFICATE

This is to certify that the project entitled “**CNC machine based complete PCB assembly line (milling)**” is a bonafide work of **Samir Alam (Roll No. 2)**, **Arvind Kushwaha (Roll No. 53)**, **Pronoy Mandal (Roll No. 56)** and **Abin Nair (Roll No. 59)**, submitted to the V.E.S. Institute of Technology in partial fulfillment of the requirement for the award of the **Bachelor of Engineering in Electronics**.

Supervisor/Guide
Dr. (Mrs.) Asawari Dudwadkar

Head of Department
Mrs. Kavita Tiwari

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Dr. (Mrs.) J. M. Nair

Project Report Approval for B. E.

This project report entitled CNC machine based complete *PCB assembly line (milling)* by *Samir Alam, Arvind Kushwaha, Pronoy Mandal* and *Abin Nair* is approved for the degree of *Bachelor of Engineering in Electronics*.

Examiners

1. _____

2. _____

Date:

Place:

DECLARATION

I declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

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