**PROJECT TITLE**

A MINOR PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF

**BACHELOR OF TECHNOLOGY**

IN

**COMPUTER SCIENCE AND ENGINEERING**

SUBMITTED BY

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UNDER THE GUIDANCE OF

**NAME OF PROJECT GUIDE**

(Designation of the Project Guide)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**ASANSOL ENGINEERING COLLAGE**

AFFILIATED TO

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY

November, 2023

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*Certificate of Recommendation*

I hereby recommend that the Minor Project Report entitled, **“Write Project Title Here”** carried out under my supervision by the group of students listed belowmay be accepted in partial fulfilment of the requirement for the degree of “Bachelor of Technology in Computer Science and Engineering” of Asansol Engineering College under MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY.

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***Certificate of Approval***

The Minor Project Report is hereby approved as a creditable study of an engineering subject carried out and presented in a manner satisfactory to warrant its acceptance for the degree for which it has been submitted. It is understood that by this approval the undersigned does not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein but approve the report only for the purpose for which it is submitted.

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***Acknowledgement***

It is our great privilege to express our profound and sincere gratitude to our Project Supervisor, **Guide Name** for providing us a very cooperative and precious guidance at every stage of the present project work being carried out under his/her supervision. His valuable advice and instructions in carrying out the present study has been a very rewarding and pleasurable experience that has greatly benefited us throughout the course of work.

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Finally, I would like to express my deep sense of gratitude to my parents for their constant motivation and support throughout my work.

…………………………………

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(Student 2)

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(Student 3)

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(Student 4)

***Abstract***

/\* write your own abstract, this is just a guideline\*/

In this era of technology and innovation, human needs are rapidly increasing and new ways to improve the efficiency or to ease the process are constantly being invented. Human needs have no bound, but our bodies do have constraints. In an effort to diminish these constraints these following studies are performed. Robotic Arm emphasizes in reducing the physical strains put on by the heavy industrial works and works relating to precise movements.

This Robotic Arm will see its use in Industries of steel manufacturing, power plants, and in any Industrial field as well as, in Medical Sector and in the field of Research and Development.

Designing and Realization of the project, the Robotic Arm has 4 Degrees of Freedom i.e. it is able to move in 4 axes. The movements are possible by the 5 servomotors. A mechanical claw or holder can be either, accessed to hold the any object that is to either be moved or carry to another location, or access any tools to operate on something. While the robot is busy doing these processes the controls are provided by an external controller mainly an android application, by an integrated IOT module, which is an ESP 8266 Module and whole operation will be driven by an Arduino.

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| **1.** | **Preface………………………………………………………………………………** |

**From Preface write in Font Size 12, Styles –Times New Roman, proper indentation.**