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| **Dr. Babasaheb Ambedkar Technological University**  Lonere, Dist. Raigad, Pin 402103, Maharashtra  C:\Users\CSMSS ENGG\Downloads\cropped-University-logo-201x300.jpg  A  PROJECT REPORT ON “TITLE OF THE PROJECT”Under the Guidance ofDr. / Prof. ……………... **Submitted by**  Name (Roll No.)  Name (Roll No.)  Name (Roll No.)  in partial fulfillment for the award of  **BACHELOR OF TECHNOLOGY**  **IN**  **COMPUTER SCIENCE & ENGINEERING**    **CSMSS**  **CHH. SHAHU COLLEGE OF ENGINEERING**  **Chhatrapati Sambhajinagar – 431011**  **(2023-24)** |

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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**CERTIFICATE**

This is to certify that the project report entitled

**“TITLE OF THE PROJECT”**

Submitted by

Name (Roll No.)

Name (Roll No.)

Name (Roll No.)

in partial fulfillment for the award of **Bachelor of Technology** in **Computer Science & Engineering** of **Dr. Babasaheb Ambedkar Technological University**, Lonere, Raigad, during the academic year 2023-24 Part-I/II.

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| **Prof. / Dr.**  **Guide** | **Dr. Y. H. Bhosale**  **Head of the Department** | **Dr. U. B. Shinde**  **Principal** |

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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**PROJECT APPROVAL SHEET**

The project entitled “**PROJECT TITLE**” submitted by **Name (Roll No), Name (Roll No), Name (Roll No)** is approved for partial fulfillment for the award of **Bachelor of Technology** in **Computer Science & Engineering** of **Dr. Babasaheb Ambedkar Technological University**, Lonere, Raigad (M.S.) during the academic year 2023-24 Part – I / II.

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| **Prof. / Dr.**  **Name and Sign**  **Internal Examiners** | **Name and Sign**  **External Examiners** |

Place: Chhatrapati Sambhajinagar

Date:

**DECLARATION**

We, the students enrolled in the **eighth** semester of the B. Tech program in **Computer Science & Engineering** at CSMSS Chh. Shahu College of Engineering, Chhatrapati Sambhajinagar, hereby asserts that our project work titled "**Project Title**" submitted to Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, during the academic year **2023-24 Part - I / II**, represents original research conducted by us.

This project work is presented as a partial fulfillment of the requirements for the Bachelor of Technology degree in **Computer Science & Engineering**. The findings presented in this report have not been previously submitted to any other University or Institute for the purpose of obtaining any degree.

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| **Roll No.** | **Name of the student** | **PRN No.** | **Signature** |
| CS41XX | Mr. XYZ | XX2533XXXXX |  |
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Place: Chhatrapati Sambhajinagar

Date:

**ACKNOWLEDGEMENT**

We take immense pleasure in presenting this project report, as this page provides us with the opportunity to convey our heartfelt emotions and gratitude.

We extend our sincere thanks to our guide, **Prof. XYZ---------,** whose guidance was invaluable at every step of this project. His motivation and confidence-boosting efforts were instrumental, and we acknowledge that this work would not have been possible without his support and encouragement.

Special appreciation is also extended to the project coordinator, **Prof. N. Z. Patel**, for guiding and motivating us throughout the project. We would like to express our gratitude to the Head of the Department**, Prof. Y. H. Bhosale**, and the respected Principal, **Dr. U. B. Shinde**, for providing valuable resources and dedicating their valuable time to review our report.

Finally, we express our thanks to all the staff members of the **Computer Science & Engineering** department and our friends, without whom the completion of this project would not have been possible.

Name (Roll No.)

Name (Roll No.)

Name (Roll No.)

B. Tech. (Computer Science & Engineering)

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| **SN** | **Symbol** | **Illustration** |
| 1 | Φ | Pressure Angle Radian |
| 2 | Τ | Shearing Stress N/mm2 |
| 3 |  |  |

**List of Abbreviations**

|  |  |  |
| --- | --- | --- |
| **SN** | Symbol | **Illustrations** |
| 1 | GSM | Global system for mobile comm. |
| 2 | TDOA | Time difference of arrival |

**ABSTRACT**

The abstract should be around 350-500 words. The font should be Times New Roman and the size of the font should be 12.

**Keywords:** Machine Learning, DCNN, Biomedical Imaging, Classification and Detection, Feature Extraction (Minimum 6 keywords).

**Chapter I**

**INTRODUCTION (Times New Roman 14 Bold)**

**1.1 Introduction** (**Times New Roman 12 Bold)**

Describe (Times New Roman 12) in paragraphs. Covid-19, which began in Wuhan, China [1], has afflicted all nationals worldwide since December 2019 [2, 3]. As of July 15, 2022, the WHO received 557,917,904 affirmed cases of Covid-19, totalling 6,358,899 mortalities. As of July 11, 2022, 12,130,881,147 vaccines had been administered [4, 5] globally. According to the Ministry of Health and Family Welfare [6], 43,730,071 affirmed cases[5], 140,760 active cases, 525,660 deaths, and 1,99,71,61,438 vaccines had been administered in India by July 16, 2021.

SARSCoV2 is supporter of Coronaviridae and Nidovirales groups [7]. Coronavirinae is divided into four sub-groups: Humanoid coronavirus belongs to alpha; SARS belongs to beta [8] containing humanoid coronavirus and MERS-CoV; viruses of whales and poultry belong to gamma; viruses from pigs and birds belong to the delta. SARSCoV2 [9] goes to beta composed of two extremely bacterium viruses such as SARS-CoV [10] and MERS-CoV [11]. A human contaminating beta Covid-19 measures SARSCoV2. The ethnological examination of SARSCoV2-DNA[12] shows that the disease is severely interconnected to two bat animals. Resulting in SARS similar coronavirus composed in eastern China(2018) and hereditarily different from SARS and MERS-CoV [13]. Using the DNA orders of SARSCoV2 and SARS-CoV, an additional reading [14] found that the virus is further correlated to bat category virus, as previously noticed within Rhinolophus in the Yunnan area, by 96.2% DNA order uniqueness.

*1.1.1 (Times New Roman 12 Italic)*

Describe (Times New Roman 12) in paragraphs

**Chapter II**

**LITERATURE SURVEY (Times New Roman 14 Bold)**

**2.1 Section Name** (**Times New Roman 12 Bold)**

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**2.2**

Describe (Times New Roman 12) in

*2.2.1 (Times New Roman 12 Italic)*

**Chapter III**

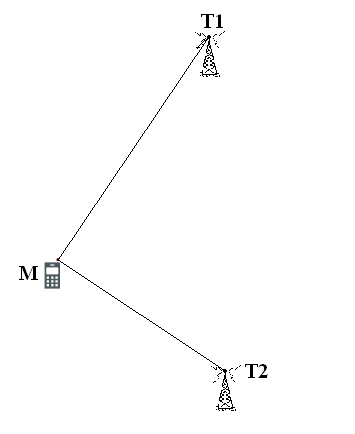
**SYSTEM MODELLING (Times New Roman 14 Bold)**

**3.1 Section Name** (**Times New Roman 12 Bold)**

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**3.2 Model Development:**

Describe (Times New Roman 12) in paragraphs. The Figure 3.1 describes….



**Figure 3.1: Name of Figure**

Describe (Times New Roman 12) in paragraphs

**Chapter IV**

**RESULT AND DISCUSSION (Times New Roman 14 Bold)**

**4.1 Section Name** (**Times New Roman 12 Bold)**

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*4.1.1. Subsection Name (Times New Roman 12 Italic)*

**Table 4.1: Name** (**Times New Roman 12 Bold)**

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**Chapter V**

**CONCLUSION (Times New Roman 14 Bold)**

**5.1 Conclusion** (**Times New Roman 12 Bold)**

Describe (Times New Roman 12) in paragraphs

*5.1.1. Subsection (Times New Roman 12 Italic)*

**REFERENCES**

1. Bhosale, Y.H., Patnaik, K.S. Application of Deep Learning Techniques in Diagnosis of Covid-19 (Coronavirus): A Systematic Review. Neural Process Lett 55, 3551–3603 (2023). https://doi.org/10.1007/s11063-022-11023-0.
2. Yogesh H. Bhosale, K. Sridhar Patnaik, PulDi-COVID: Chronic obstructive pulmonary (lung) diseases with COVID-19 classification using ensemble deep convolutional neural network from chest X-ray images to minimize severity and mortality rates, Biomedical Signal Processing and Control, Volume 81, 2023, 104445, ISSN 1746-8094, https://doi.org/10.1016/j.bspc.2022.104445.
3. Y. H. Bhosale and K. Sridhar Patnaik, "IoT Deployable Lightweight Deep Learning Application For COVID-19 Detection With Lung Diseases Using RaspberryPi," 2022 International Conference on IoT and Blockchain Technology (ICIBT), Ranchi, India, 2022, pp. 1-6, doi: 10.1109/ICIBT52874.2022.9807725..
4. Sankaran, Sindhuja, Ashish Mishra, Reza Ehsani, and Cristina Davis. "A review of advanced techniques for detecting plant diseases." *Computers and electronics in agriculture* 72, no. 1 (2010): 1-13.
5. Pantazi, Xanthoula Eirini, Dimitrios Moshou, Thomas Alexandridis, Rebecca L. Whetton, and Abdul Mounem Mouazen. "Wheat yield prediction using machine learning and advanced sensing techniques." *Computers and electronics in agriculture* 121 (2016): 57-65.