**Mini Project report on**

**“Used car price prediction using machine learning”**

*A mini project dissertation submitted in partial fulfilment of the requirement for the award of degree*

**MASTER OF COMPUTER APPLICATIONS**

by

**Anirudh Uday Parvatikar 1BY22MC007**

**Keerthana N, 1BY22MC023**

**Under the Guidance of**

**Prof. Nirupama. B. K**

<<Designation>>

Department of MCA

BMSIT&M

Bengaluru-560064



**Department of Master of Computer Applications**

**BMS Institute of Technology and Management**

**(An Autonomous Institution, Affiliated to VTU, Belagavi)**

**Bengaluru – 560064**

**SEPTEMBER-2023**

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**(An Autonomous Institution, Affiliated to VTU, Belagavi)**

**Bengaluru – 560064**

**SEPTEMBER-2023**

**Department of MCA**

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**CERTIFICATE**

This is to certify that **Mr./Ms. <<Name of student>>** bearing USN **1BY21MCxxx** has successfully completed the VTU prescribed **Mini Project Work – 1 (21MCA208)** titled **<<project title>>** at **Department of MCA, BMS Institute of Technology and Management, Bengaluru** under the guidance of **Mr/Ms/Dr <<Guide Name>>, <<Designation>>, Department of MCA** during the period from **JUNE 2023 to SEPTEMBER 2023.**

Signature of the Guide Signature of HoD

**<<Guide Name>> Dr. M.Sridevi**

<<Designation>> Assistant Professor & Head

Department of MCA Department of MCA

BMSIT&M BMSIT&M

Bengaluru. Bengaluru

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**Department of MCA**



**VISION**

To develop quality professionals in Computer Applications who can provide sustainable solutions to the societal and industrial needs.

**MISSION**

Facilitate effective learning environment through quality education, state-of-the-art facilities, and orientation towards research and entrepreneurial skills.

**Programme Educational Objectives (PEOs)**

**PEO 1:** Develop innovative IT applications to meet industrial and societal needs.

**PEO 2:** Adapt themselves to changing IT requirements through life-long learning.

**PEO 3:** Exhibit leadership skills and advance in their chosen career.

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**Programme Outcomes (POs)**

**PO 1:** Apply knowledge of computing fundamentals, computing specialization, mathematics and domain knowledge to provide IT solutions.

**PO 2:** Identify, analyse and solve IT problems using fundamental principles of mathematics and computing sciences.

**PO 3:** Design, Develop and evaluate software solutions to meet societal and environmental concerns.

**PO 4:** Conduct investigations of complex problems using research-based knowledge and methods to provide valid conclusions.

**PO 5:** Select and apply appropriate techniques and modern tools for complex computing activities.

**PO 6:** Understand professional ethics, cyber regulations and responsibilities.

**PO 7:** Involve in life-long learning for continual development as an IT professional.

**PO 8:** Apply and demonstrate computing and management principles to manage projects in multidisciplinary environments by involving in different roles.

**PO 9:** Comprehend & write effective reports and make quality presentations.

**PO 10:** Understand the impact of IT solutions on socio-environmental issues.

**PO 11:** Work collaboratively as a member or leader in multidisciplinary teams.

**PO 12:** Identify potential business opportunities and innovate to create value for the society and seize that opportunity.

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**Course Outcomes (COs)**

**CO 1:** Analyse the given requirements.

**CO 2:** Design a suitable system model.

**CO 3:** Develop the solution using appropriate tools.

**CO 4**: Prepare effective documentation.

**CO 5:** Involve in team work.

# 

# ABSTRACT

**Keywords:**

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1. INTRODUCTION