MIT
KUNDAPURA

MOODLAKATTE INSTITUTE OF TECHNOLOGY, KUNDAPURA

(Affilated by V.T.U. Belgaum and recognised by All India Council for Technical Education, New Delhi)

A WIDE HORIZON OF OPPORTUNITES

PRACTICAL RECORD BOOK

Name : *Sudeep*

College Roll No. : _____ Batch : *B1*

Reg. No. : *4MKa1csoF1* Class : *IV Sem*

Subject : *DAA*

MOODLAKATTE INSTITUTE OF TECHNOLOGY

(A Unit of Moodlakatte Nagarathna Bhujanga Shetty Trust (R)
[Affiliated to VTU Belagavi and Approved by AICTE New Delhi]
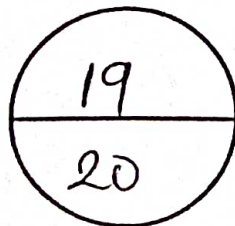**MOODLAKATTE-576217, KUNDAPURA, UDUPI DISTRICT.**

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Department of _Computer Science & Engineering_

CERTIFICATE

This is to certify that Mr./Ms. _Sudeep_

bearing USN : _4MK21CS051_ has satisfactorily completed the Laboratory

Course _Design and Analysis of Algorithm Laboratory_

prescribed by the Visvesvaraya Technological University, Belagavi for the _IV_

Semester of Bachelor of Engineering in _Computer Science and Engineering_

Engineering during the academic year _2022 - 23_

Dell Ad-g
Faculty in-charge

$\frac{19}{20}$

Marks Obtained

Bkef-
Head of the Department
Head of the Department
COMPUTER SCIENCE AND ENGINEERING
MOODLAKATTE INSTITUTE OF TECHNOLOGY,
KUNDAPURA - 576217

Principal
Moodlakatte Institute of Technology
Moodlakatte, Kundapura - 576217
Udupi Dist, Karnataka

DEPARTMENT VISION

To be pioner and intrationally recognized institute in computer Science and Enginering. Leading the way in cutting edge research. technological innovation and providing highly skilled professionals to address the challeges and opportunitis of digital age

DEPARTMENT MISSION

✗ Providing comprehensive and cutting edge education in computer Science and Enginering. equipping students with knowledge and skills nudid to succed in rapidly crolying tech' industry
✗ Fostering colloborative and intrdiciplinary culture within the department, encouraging student and faully to explore innovation.

PROGRAM EDUCATIONAL OBJECTIVE

○ Develop technical proficiently to solve a wide range of problem in industry, government and outer work environment
✗ Adopt quickly to new technolgics and environment to progres in research innovation and agriculture

COURSE OUTCOMES

1. Develop programs to solve computational problems using suitable algorithm design strategy.
2. Compare algorithm design strategies by developing equivalent programs & observing running times for analysis
3. Make use of suitable integrated development tools to develop programs
4. Choose appropriate algorithm design techniques to develop solution to the computational & complex problems

PROGRAM OUTCOMES

PO1 Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2 Problem Analysis : Identify, formulate, review research literature, and anlyze complex engineering problems reaching substantiated conclusions using first principles of mathamatics, natural sciences, and engineering sciences

PO3 Design/Developement of Solutions: Design Solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate Consideration for the public health and safety, and the cultural, societal, and environmental consideration.

PO4 Conduct investigations of complex problems: Use research-based Knowledge and research methods including design for experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5 Modern tool usage: Create select and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO6 The engineer and society: Apply reasoning informed by the contextual Knowledge to assess soceiteal, health, safety, leagal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental context, and demonstrate the knowledge of, and need for sustainable development.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

P10 Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective report and design documentation, make effective presentations, and give and receive clear instructions.

P11 Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12 Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES

× Able to understand, analyze and develop computer programs in various computer science domain to provide innovative solutions to real world problems

× Exihibit attitude for continous learning and acquire novel skills for successful career, enterprenurship and higher studies