NARAYANA ENGINEERING COLLEGE
(AUTONOMOUS)
NELLORE
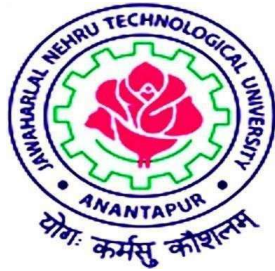
VIBE STREAM

A Project report submitted to

NARAYANA ENGINEERING COLLEGE (AUTONOMOUS), NELLORE

(Affiliated to Jawaharlal Nehru Technological University Anantapur, Ananthapuramu)

In partial fulfillment of the requirements for the award of Degree of

MASTER OF COMPUTER APPLICATIONS

BY

R. KALYAN BABU (23711F00H6)

Under the guidance of

Dr. B. SUNIL KUMAR, Ph.D

Professor,

Department of CSE

Department Of Master of Computer Applications

APRIL - 2025

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

CERTIFICATE

This is to certify that the project report entitled "**VIBE STREAM**" is the bonafied work done by **R. KALYAN BABU (23711F00H6)** in the partial fulfillment of the requirements for the award of Degree of **Master of Computer Applications** during the academic year **2024-2025**

Signature of the Guide   **Signature of the H.O.D.**

Dr. B. SUNIL KUMAR   **Dr. K. M. Vara Prasad,** M.Tech., Ph.D

Professor,   Professor & H.O.D.

Department of CSE   Department of MCA

Narayana Engineering College   Narayana Engineering College

Date of External Viva Voce   _____

Internal examiner   External examiner

DEPARTMENT OF MCA

VISION OF INSTITUTION

To be one of the nation's premier Institutions for Technical and Management Education and a key contributor for Technological and Socio-economic Development of the Nation.

MISSION OF INSTITUTION

Requirements & actions are identified to achieve the vision

M1	To produce technically competent Engineers and Managers by maintaining high academic standards, world class infrastructure and core instructions.
M2	To enhance innovative skills and multidisciplinary approach of students through well experienced faculty and industry interactions.
M3	To inculcate global perspective and attitude of students to face real world challenges by developing leadership qualities, lifelong learning abilities and ethical values.

VISION OF DEPARTMENT

To be recognized as a centre of excellence in impairing quality technical education to succeed in the field of computer applications and to develop our students as professionals in upcoming technologies with right knowledge ,skills and attitude to meet the global needs/challenges of the ever changing IT industry and the society.

MISSION OF DEPARTMENT

To achieve professional excellence through learning practices in an environment which is congenial for technical education and there by develop competitive professionals with proper leadership, commitment and moral values.

DEPARTMENT OF MCA

PROGRAM OUTCOME'S

PO_1 : Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO_2 : Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO_3 : Design/development 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 considerations.

PO_4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO_5 : Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO_6 : The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO_7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO_8 : Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO_9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO_10 : 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 reports and design documentation, make effective presentations, and give and receive clear instructions.

PO_11 : 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.

PO_12 : 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.

NARAYANA ENGINEERING COLLEGE
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PROGRAM EDUCATIONAL OBJECTIVES

PEO_1 : Outrival in professional career and/or higher education by acquiring knowledge in mathematical, computing and engineering principles.

PEO_2 : Achieve peer-recognition; as an individual or in a team; through professional responsibilities to induce team spirit & leadership quality to serve society & industry.

PEO_3 : To prepare the graduates to adapt themselves for lifelong learning through professional activities on latest technology and trends needed for a successful career.

PROGRAM SPECIFIC OUTCOMES

PSO_1: Domain Specific Knowledge: Apply the relevant techniques to develop applications in the domains of computer networking, multimedia, web, Cloud and data management.

PSO_2: Software Product Development: Apply the design and deployment principles to deliver an application for various heterogeneous domains.

ACKNOWLEDGEMENT

With regards,

R. KALYAN BABU

(23711F00H6)

DECLARATION

I hereby declare that the project entitled **VIBE STREAM** has been done by me under the guidance of **Dr. B. SUNIL KUMAR** Department of **CSE.** This project work has been submitted to NARAYANA ENGINEERING COLLEGE(A), NELLORE as a part of partial fulfillment of the requirements for the award of degree of **Master of Computer Applications**.

I also declare that this project report has not been submitted at any time to another institute or University for the award of any degree.

R. KALYAN BABU

(23711F00H6)

Place: NELLORE

Date: