

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama", Belagavi-560014, Karnataka



## FILE STRUCTURES LAB

### MINI PROJECT ON

"EMPLOYEE LEAVE MANAGEMENT SYSTEM"

*SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR  
THE FILE STRUCTURES LAB*

## BACHELOR OF ENGINEERING IN INFORMATION SCIENCE & ENGINEERING

### Submitted By

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[1SV20IS005]

&

NITHIN D G

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Under the guidance of

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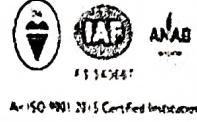
2022-23



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

**CERTIFICATE**

This is to certify that, Web Technology & Its Application Practical Report has been successfully carried out by HEMANTH SANGAM M [ISV20IS005], NITHIN D G [ISV20IS009] in partial fulfillment for the File Structures Lab of **Bachelor of Engineering in Information Science & Engineering** of the Visvesvaraya Technological University, Belagavi during the academic year **2022-23**. It is certified that all the corrections/suggestions indicated for internal assessments have been incorporated in the report. The Practical Report has been approved as it certifies the academic requirements in respect of Practical work prescribed for the Bachelor of Engineering Degree.

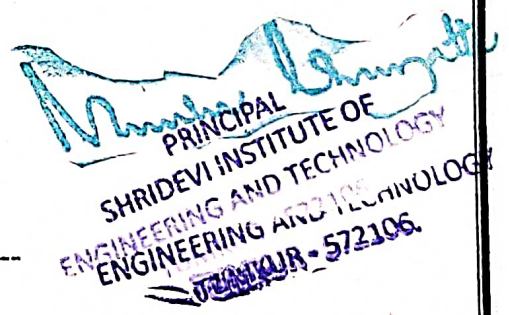
*Kiran G.M.*  
7/7/23

**Signature of Guide**

**Mr. KIRAN G M** B.E., M.Tech., (PhD.)

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Tumakuru.

*Suhask G.K.*



**Signature of H.O.D**

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Name of the Examiners

1. *Kiran G.M.*

2. *Rajalaxmi B.S.*

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DECLARATION

I, HEMANTH SANGAM M, USN [1SV20IS005], NITHIN D G ,USN [1SV20IS009], students of VI semester B.E in Information Science & Engineering, at Shridevi Institute of Engineering & Technology, Tumakuru, hereby declare that, the Practical Report of "File Structures Lab" embodies the work carried out under the guidance of Mr.KIRAN G M, Associate Professor, Department of CSE, SIET, Tumakuru as partial fulfillment of requirements for the File Structures Lab in Bachelor of Engineering in Information Science & Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2022-23 The Practical Report has been approved as it satisfies the academic requirements in respect to the Practical Report work.

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Place: Tumakuru

Date: 27.7.23

Student name & Signature

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## ACKNOWLEDGEMENT

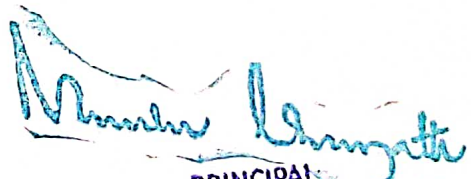
This Practical Report will be incomplete without thanking the personalities responsible for this venture, which otherwise would not have become a reality.

I express our profound gratitude to **Dr. Narendra Viswanath**, Principal, S.I.E.T, for his moral support towards completing our Practical Report work.

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I would like to thank my guide **Mr.KIRAN G M**, Associate Professor, Department of computer Science and Engineering, SIET for her help, sharing her technical expertise and timely advice.

I would like to express our sincere gratitude to all teaching and non-teaching faculty of the department of ISE for guiding us of this Practical Report by giving valuable suggestion and encouragement.



By, **PRINCIPAL**  
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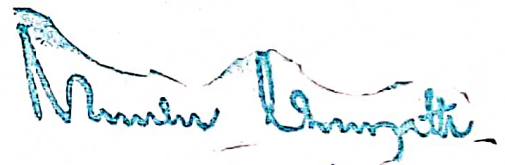
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## ABSTRACT

Employee leave management system combine number of processes and systems to automate and easily manage employee data, leave request, track and grant leave. In many institution staff are entitled to different types of leave, these leave are granted according to institution policy. Administrative department is mostly responsible for managing and granting leave request. To this end, most institution used conventional method of requesting, granting and managing leave. In conventional method, leave is manually request by writing letter to head of department.

The head of department minutes and forward the request to higher staff for approval. This method is time consuming, prone to error, require more paper work and difficult to manage. Hence the need for an automated leave management system that is faster, error free, less paper work and easy to manage. The system was achieved by developing an automated employee leave management system using the requirement model. The System is implemented using standalone application which include C++ and FS and runs on Windows operating system.



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