

**VISVESVARAYA TECHNOLOGICAL
UNIVERSITY BELAGAVI, KARNATAKA-590 018**



**An Innovation/Societal/Entrepreneurship-based Institutional Internship
Report**

Submitted in partial fulfilment of the requirements for the award of Degree of

BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING
by
GURURAJ S

USN: 4JK21CS020

**Internship Carried out
at
TECHBYHEART**

Mentor
Dr . Chanchal Antony
Associate Professor



**Department of Computer Science and Engineering
(Accredited by NBA)**

A. J. INSTITUTE OF ENGINEERING AND TECHNOLOGY

A unit of Laxmi Memorial Education Trust®

(Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi,

Recognized by Govt. of Karnataka)

Kottara Chowki, Mangaluru – 575006 , Karnataka

2023-2024

A. J. INSTITUTE OF ENGINEERING AND TECHNOLOGY
(A UNIT OF LAXMI MEMORIAL EDUCATION TRUST®)
NH-66, KOTTARA CHOWKI, MANGALURU -575006.



DEPARTMENT OF Computer Science And ENGINEERING

CERTIFICATE

Certified that the **Innovation/Societal/Entrepreneurship Internship** report submitted by **GURURAJ S.** USN: **4JK21CS020**, a bonafide student of **A. J. Institute of Engineering and Technology** in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Engineering of the **Visvesvaraya Technological University, Belagavi** during the year **2022-2023**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report and deposited in the departmental library. The Internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the said degree.

Mentor

Dr. Chanchal Antony

Internship coordinator

Mrs. Ashwitha Shetty

Vice Principal & HOD

Dr. Antony P J

A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY
Mangaluru - 575 006, K.A., Karnataka

A.J. Institute of Engineering & Technology
Mangaluru - 575 006

Name of the Examiner Signature with Date

1. Ashwitha A. Shetty 26/7/24.
2. Dr. Chanchal Antony 26/8/24



TECHBYHEART

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Ref:

TBH/INT/CS/2023-24/136/03

Date:

23/11/2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. GURURAJ S** a student of A J Institute of Engineering and Technology Mangalore has successfully completed an internship program on Cybersecurity and Ethical Hacking from 25th October 2023 to 23rd November 2023 at Techbyheart.

We found him extremely inquisitive and hardworking. He was very much interested in learning the functions of our core division and also willing to put his best efforts and get into the depth of the subjects to understand it better.

We wish his every success in life.

For Techbyheart!



Human Resource