

# **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



## **A MINI PROJECT REPORT ON BLOOD DONATION MANAGEMENT SYSTEM**

**SUBMITTED By**

<b>Allen Enoch</b>	<b>4AL21CS017</b>
<b>Anamika Tiwari</b>	<b>4AL21CS018</b>
<b>Andani Gowda M R</b>	<b>4AL21CS019</b>
<b>Ankith Shetty</b>	<b>4AL21CS020</b>

**Under the Guidance of**

**Mrs. Deeksha M  
Sr. Assistant Professor**



**DEPARTMENT OF COMPUTERSCIENCE & ENGINEERING  
ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY  
MOODBIDRI-574225, KARNATAKA**

**2023 – 2024**



**ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**MIJAR, MOODBIDRI D.K. -574225**

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**CERTIFICATE**

This is to certify that, the Mini Project entitled “**Blood Donation Management System**” for the subject code **21CSMP67** has been successfully completed and report submitted by **Allen Enoch (4AL21CS017)** during the academic year 2023– 2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored 89 Marks out of 10 and deposited in the departmental library.

A handwritten signature in blue ink, appearing to read "Deeksha M", is written over a horizontal line.

**Mrs. Deeksha M**

**Sr. Assistant Professor**



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This is to certify that, the Mini Project entitled “**Blood Donation Management System**” for the subject code **21CSMP67** has been successfully completed and report submitted by **Anamika Tiwari (4AL21CS018)** during the academic year 2023– 2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored 93 Marks out of 10 and deposited in the departmental library.

A handwritten signature in black ink, appearing to read "Deeksha M", is written over a horizontal line.

**Mrs. Deeksha M**

**Sr. Assistant Professor**



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This is to certify that, the Mini Project entitled “**Blood Donation Management System**” for the subject code **21CSMP67** has been successfully completed and report submitted by **Andani Gowda M R (4AL21CS019)** during the academic year 2023– 2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored 90 Marks out of 10 and deposited in the departmental library.

A handwritten signature in black ink, appearing to read "Deeksha M", is written over a horizontal line.

**Mrs. Deeksha M**

**Sr. Assistant Professor**



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**KARNATAKA**



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**CERTIFICATE**

This is to certify that, the Mini Project entitled “**Blood Donation Management System**” for the subject code **21CSMP67** has been successfully completed and report submitted by **Ankith Shetty (4AL21CS020)** during the academic year 2023– 2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored 80 Marks out of 10 and deposited in the departmental library.

A handwritten signature in black ink, appearing to read "Deeksha M", is written over a horizontal line.

**Mrs. Deeksha M**

**Sr. Assistant Professor**



## ABSTRACT

The Blood Donation Management App is a comprehensive platform designed to facilitate blood donation processes with ease and efficiency. It provides detailed information on blood donors, their availability, and donation history, empowering users to make informed decisions during critical times.

With its intuitive interface, the app offers personalized recommendations based on donor preferences and urgency, ensuring timely access to life-saving donations. Users can explore donor profiles, donation statistics, and community feedback, making the app a vital resource for coordinating blood drives and emergency responses.

Administrative functionalities empower designated personnel to oversee donor registrations, manage blood inventory, and generate insightful reports swiftly. This includes the ability to onboard new donors, update profiles, and ensure seamless operations across donation centers.

In summary, the Blood Donation Management App aims to streamline the blood donation process, enhance user engagement, and optimize operational efficiency within healthcare institutions and community organizations. Its user-friendly features and robust administrative tools make it an indispensable tool for fostering a culture of voluntary blood donation and saving lives effectively.