



Date:- 5& 6/March/24

## Department of Microbiology

### "Raising awareness about blood banking procedures"

#### **lood Donation**

Any eligible donor can donate blood through out 365 days, 8 am to 8 pm at blood centre

#### **Raktadoot Seva (Blood Courier Service)**

This is a doorstep blood service to avoid troubles and worries of patient's relatives whenever blood is required. A team of 10 persons is deputed for this task with proper monitoring system and training of blood handling and transportation.

#### **Platelet Donation**

Blood Centre has facility to prepare 'Single Donor Platelet' (SDP). Team of almost 400 voluntary platelet donors regularly donates platelets and we take care for its availability as and when required. Time to donate Platelets is 9 am to & 7 pm, every day.

#### **Blood Group confirmation**

Facility of Blood donor group confirmation and antibody screening is available in blood centre.

#### **Blood Component Separation By Advanced Method**

Component are separated from donor's blood. It is done on hi-tech centrifuges component extractors by scientific method. Plasma (liquid part of blood) is frozen rapidly by snap freezing. It preserves maximum clotting factors for patients benefit and can be used up to 1 year. Whereas platelets can be used up to 5 days. Also, leucodepletion is done whenever necessary, harmful white cells (Leucocytes) are removed from donor's blood. Leucodepleted blood is safer and more effective.

#### **Cross Matching**

Cross-matching is a test done before a blood transfusion to determine if the donor's blood is compatible with the blood of an intended recipient. It is a kind of demonstration of what will happen if the particular unit of red cells is transfused to the patient. Cross Matching takes 45 minutes to 1 hour. Red cell units without cross matching can be given in dire



emergency in certain situations. Such decisions are taken by the treating doctors in conjunction with the blood bank.

It's essentially a trial transfusion done in blood bank laboratory to see exactly how patient's blood will react with donor blood. OR What will happen after transfusing the unit of red cells to the patient, is seen in the blood bank laboratory by performing a cross matching test. Only if this cross matching test shows compatible results, then the red cell unit is issued to the patient. However, few patients might face minor adverse effects of transfusion of blood components. These can occur in spite of compatibility testing being done correctly.

Only giving same group red cells is not sufficiently safe. They should be necessarily crossmatch compatible. Patient's blood is mixed with donor's blood and incubated at 37 degrees C to simulate patient's body conditions. Some reagents are used in this procedure.



**Principle**  
**Principal**  
**Hemuji Chande College**  
 Shelgaon (R) Tal. Barshi Dist. Solapur



Date:- 5 & 6/March/24

## Department of Zoology

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**Principal**  
Hemuji Chandele College  
Shelgaon(R) Tal-Barshi Dist-Solapur



Date:- 5& 6/March/24

## Department of Botany

### "Raising awareness about blood banking procedures"

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(188/07) 2A-3  
Date: 2/11/2022

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### DEPARTMENT OF CHEMISTRY

This is to certify that

Mr./Miss Atar Tamanna Sharan

class B.Sc III Roll No. 01 has satisfactorily  
completed the Project in chemistry 2023-24 as prescribed by  
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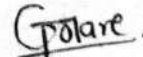


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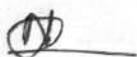
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Mr./Miss Aware Pranali Maharudra

class B. SC III Roll No. 02 has satisfactorily completed the Project in chemistry 2023-24 as prescribed by the P.A.H Solapur university, Solapur .

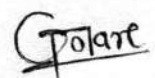


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Mr./Miss Aware Samarth Pendurang

class B.Sc III Roll No. 03 has satisfactorily  
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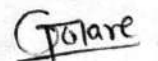


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Mr./Miss Aware Suhag Ramhari

class B.Sc III Roll No. 04 has satisfactorily  
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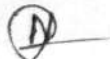
This is to certify that

Mr./Miss Charan Pankaj balu

class B.Sc III Roll No. 05 has satisfactorily completed the Project in chemistry 2023-24 as prescribed by the P.A.H Solapur university, Solapur .

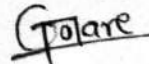


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Mr./Miss Charan Rohit Prakash

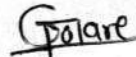
class B.Sc. III Roll No. 06 has satisfactorily  
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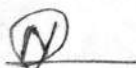
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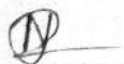
This is to certify that

Mr./Miss Devkar Rani Angad

class B.Sc III Roll No. 07 has satisfactorily  
completed the Project in chemistry 2023-24 as prescribed by  
the P.A.H Solapur university, Solapur .



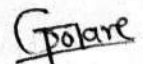
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This is to certify that

Mr./Miss Dhage Vishnu Arun

class B.sc III Roll No. 08 has satisfactorily  
completed the Project in chemistry 2023-24 as prescribed by  
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This is to certify that

Mr./Miss ----- Dige ----- Rutuja ----- Balasaheb -----

class B.Sc III Roll No. 09 ----- has satisfactorily  
completed the Project in chemistry 2023-24 as prescribed by  
the P.A.H Solapur university, Solapur .

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## DEPARTMENT OF CHEMISTRY

This is to certify that

Mr./Miss Jadhav Kirti Shankar

class B.Sc III Roll No. 10 has satisfactorily completed the Project in chemistry 2023-24 as prescribed by the P.A.H Solapur university, Solapur .

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This is to certify that

Mr./Miss --- Jagtap Pritam Umesh -----

class \_ B.sc III \_ Roll No. ---11-----has satisfactorily  
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the P.A.H Solapur university, Solapur .

  
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### DEPARTMENT OF CHEMISTRY

This is to certify that

Mr./Miss Kanade snehal Arun

class B.sc III Roll No. 12 has satisfactorily completed the Project in chemistry 2023-24 as prescribed by the P.A.H Solapur university, Solapur .

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### DEPARTMENT OF CHEMISTRY

This is to certify that

Mr./Miss ----- Kapase Ajinkya Anil -----

class B.Sc III Roll No. 13 ----- has satisfactorily  
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## DEPARTMENT OF CHEMISTRY

This is to certify that

Mr./Miss Kapase Tejaswini Sampat

class B.Sc III Roll No. 14 has satisfactorily completed the Project in chemistry 2023-24 as prescribed by the P.A.H Solapur university, Solapur .

(N)

TEACHER IN CHARGE

(M)

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## DEPARTMENT OF CHEMISTRY

This is to certify that

Mr./Miss Katkar Renuka Ramling

class B.Sc III Roll No. 15 has satisfactorily completed the Project in chemistry 2023-24 as prescribed by the P.A.H Solapur university, Solapur .

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TEACHER IN CHARGE

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Tal. Barshi, Dist. Solapur

## DEPARTMENT OF CHEMISTRY

This is to certify that

Mr./Miss Mali Pratiksha Kumar

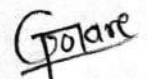
class B.sc III Roll No. 16 has satisfactorily completed the Project in chemistry 2023-24 as prescribed by the P.A.H Solapur university, Solapur .



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HEMUJI CHANDELE COLLEGESHELGAON (R)

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### DEPARTMENT OF CHEMISTRY

This is to certify that

Mr./Miss --- Mohite Rajsinh Satish ---

class B.Sc III Roll No. 17 has satisfactorily completed the Project in chemistry 2023-24 as prescribed by the P.A.H Solapur university, Solapur .

(N)

TEACHER IN CHARGE

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### DEPARTMENT OF CHEMISTRY


This is to certify that

Mr./Miss Raut Ankita Jivan

class B.Sc III Roll No. 18 has satisfactorily completed the Project in chemistry 2023-24 as prescribed by the P.A.H Solapur university, Solapur .



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This is to certify that

Mr./Miss Sherkhane Pranita Pawan

class B.Sc III Roll No. 19 has satisfactorily  
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HEMUJI CHANDELE COLLEGESHELGAON (R)

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### DEPARTMENT OF CHEMISTRY

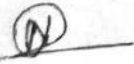
This is to certify that

Mr./Miss Shinde Divyaranani Rajendra

class B.sc III Roll No. 20 has satisfactorily completed the Project in chemistry 2023-24 as prescribed by the P.A.H Solapur university, Solapur .



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This is to certify that

Mr./Miss Gund Shubham Mallikarjun

class B.Sc-III Roll No. 21 has satisfactorily  
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Tal-Barshi, Dist-Solapur



**A  
PROJECT REPORT  
ON**

**"E-COMMERSE APP –PIZZA DELIVERY"**

**BY**

**Mr.Dhengale Om Pramod  
Miss. Lokhande Sakshi Madhukar**

**IN PARTIAL FULFILLMENT OF  
B.Sc (COMPUTER SCIENCE) - SEM -6  
SOLAPUR UNIVERSITY, SOLAPUR  
(2023-2024)**

**UNDER GUIDANCE OF**

**Mrs. Surwase Jyoti Ramesh  
(ASSISTANT PROFESSOR)**

**DEPARTMENT OF COMPUTER SCIENCE  
HEMUJI CHANDELE COLLEGE SHELGAON, SHELGAON  
SOLAPUR**



## **CERTIFICATE**

This is to certify that the project entitled

### **"E-COMMERSE APP –PIZZA DELIVERY"**

has been successfully completed in the academic year 2023-2024

by

Name

**Mr. Dhengale Om Pramod**

**Miss. Lokhande Sakshi Madhukar**

in partial fulfill of the B.Sc (Computer Science) SEM-6 as  
prescribed by Solapur University.

**Mrs. Surwase Jyoti Ramesh**

**External Examiner**

**(Guide)**

**Mrs. Surwase Jyoti Ramesh**

**Head of**

**Department of Computer science**



Tuljabhavani Mahila Mandal's  
Hemuji Chande College, Shelgaon(R)  
Tal. Barshi, Dist. Solapur (Maharashtra) 413222

## Project Name

Library Management System

## Guide Name

Surwase Madam

## Department Name

Computer Science

## Created By

Miss:-Maske Nikita Dnyaneshwar

Miss:-Bhosale Bhakti Jambuvant

  
Head of Department

  
PRINCIPAL  
Hemuji Chande College  
Shelgaon(R) Tal-Barshi

# CERTIFICATE

Tuljabhavani mahila mandal's

## L.G.SHIKSHAN SANKUL

HEMUJI CHANDELE COLLEGE SHELGAON (R)

Tal. Barshi , Dist. Solapur

### DEPARTMENT OF MICROBIOLOGY

This is to certify that

Mr./Miss Agalave Onkar Bharat

class B.sc III Roll No. 1 has satisfactorily completed the Project in microbiology 2023-24 as prescribed by the P.A.H Solapur university, Solapur .

*Agalave*

TEACHER IN CHARGE

*Agalave*

HEAD OF DEPARTMENT

Head of the Department  
Microbiology

*Agalave*

SIGN OF PRINCIPLE

PRINCIPAL

Hemuji Chandele College Shelgaon (R)  
Tal-Barshi, Dist-Solapur



# CERTIFICATE

Tuljabhavani mahila mandal's

## L.G.SHIKSHAN SANKUL

HEMUJI CHANDELE COLLEGE SHELGAON (R)

Tal. Barshi , Dist. Solapur

### DEPARTMENT OF MICROBIOLOGY

This is to certify that

Mr./Miss Garad Swapnil Dasbrath

class B.sc III Roll No. 02 has satisfactorily completed the Project in microbiology 2023-24 as prescribed by the P.A.H Solapur university, Solapur .

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TEACHER IN CHARGE

*Gotare.*

HEAD OF DEPARTMENT

Head of the Department  
Microbiology

*Gotare.*

SIGN OF PRINCIPLE  
PRINCIPAL

Hemuji Chandele College Shelgaon (R)  
Tal-Barshi, Dist-Solapur





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Tuljabhavani mahila mandal's

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HEMUJI CHANDELE COLLEGE SHELGAON (R)

Tal. Barshi , Dist. Solapur

### DEPARTMENT OF MICROBIOLOGY

This is to certify that

Mr./Miss Kakode Dhanashree Kaidas

class B.Sc III Roll No. 03 has satisfactorily completed the Project in microbiology 2023-24 as prescribed by the P.A.H Solapur university, Solapur .

*@mag*

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*Polare*

HEAD OF DEPARTMENT

Head of the Department  
Microbiology

*Polare.*

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PRINCIPAL

Hemuji Chandele College Shelgaon (R)  
Tal-Barshi, Dist-Solapur



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HEMUJI CHANDELE COLLEGE SHELGAON (R)

Tal. Barshi , Dist. Solapur

### DEPARTMENT OF MICROBIOLOGY

This is to certify that

Mr./Miss Londhe Somnath Dadasa Vilas  
class B.Sc III Roll No. 04 has satisfactorily  
completed the Project in microbiology 2023-24 as prescribed  
by the P.A.H Solapur university, Solapur .

*@mag*

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*Polare*

HEAD OF DEPARTMENT

Head of the Department  
Microbiology

*Polare*

SIGN OF PRINCIPLE  
PRINCIPAL

Hemuji Chandele College Shelgaon (R)  
Tal-Barshi, Dist-Solapur



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HEMUJI CHANDELE COLLEGE SHELGAON (R)

Tal. Barshi , Dist. Solapur

### DEPARTMENT OF MICROBIOLOGY

This is to certify that

Mr./Miss Nikam Tushar Dadarao

class B.Sc III Roll No. 05 has satisfactorily  
completed the Project in microbiology 2023-24 as prescribed  
by the P.A.H Solapur university, Solapur .

*Amag*

TEACHER IN CHARGE

*Polare*

HEAD OF DEPARTMENT  
Head of the Department  
Microbiology

*Polare*

SIGN OF PRINCIPLE  
PRINCIPAL  
Hemuji Chandele College Shelgaon (R)  
Tal-Barshi, Dist-Solapur



# CERTIFICATE

Tuljabhavani mahila mandal's

## L.G.SHIKSHAN SANKUL

HEMUJI CHANDELE COLLEGE SHELGAON (R)

Tal. Barshi , Dist. Solapur

### DEPARTMENT OF MICROBIOLOGY

This is to certify that

Mr./Miss Roddi Abhishek Chandrakant

class B.sc III Roll No. 06 has satisfactorily completed the Project in microbiology 2023-24 as prescribed by the P.A.H Solapur university, Solapur .

*amag*

TEACHER IN CHARGE

*Polare*

HEAD OF DEPARTMENT

Head of the Department  
Microbiology

*Polare*

SIGN OF PRINCIPLE

PRINCIPAL

Hemuji Chandele College Shelgaon (R)

Tal-Barshi, Dist-Solapur



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Tuljabhavani mahila mandal's

## L.G.SHIKSHAN SANKUL

HEMUJI CHANDELE COLLEGE SHELGAON (R)

Tal. Barshi , Dist. Solapur

### DEPARTMENT OF MICROBIOLOGY

This is to certify that

Mr./Miss Salunke Vaibhav Vikas

class B.sc III Roll No. 07 has satisfactorily completed the Project in microbiology 2023-24 as prescribed by the P.A.H Solapur university, Solapur .

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TEACHER IN CHARGE

*Palore*

HEAD OF DEPARTMENT

head of the Department  
Microbiology

*Palore*

SIGN OF PRINCIPLE

Principal

Hemuji Chandele College  
Shelgaon(R) Tal-Barshi Dist-Solapur

