



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - *Alok Bhaskar*

in recognition of successful completion of the *B.Sc. Part II Chemistry* laboratory course

Date - *27/01/2023*

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

*Alok Bhaskar* has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Anisha Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Anisha Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ankit Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ankit Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ankit Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ankit Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Anshul

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Anshul has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Anvesha Choudhary

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Anvesha Choudhary has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Aryan Verma

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Aryan Verma has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Avinash

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Avinash has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Banti Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Banti Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Dimpal Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Dimpal Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Garima Kanwar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Garima Kanwar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Hansika Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Hansika Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Harsh Yadav

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Harsh Yadav has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Harshit Sharma

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Harshit Sharma has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Jitendra Jat

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Jitendra Jat has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Kalpana Kumari

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Kalpana Kumari has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - *Khushabu Sharma*

in recognition of successful completion of the *B.Sc. Part II Chemistry* laboratory course

Date - *27/01/2023*

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

*Khushabu Sharma* has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Komal Kumari

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Komal Kumari has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Komal Mandia

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Komal Mandia has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Krishan Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Krishan Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Lalit Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Lalit Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Meenakshi

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Meenakshi has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. SUDARSHAN SHARMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Mohit Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Mohit Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ms Anjali Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ms Anjali Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ms.Aarati Kumari

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ms.Aarati Kumari has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ms.Kritika Mishra

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ms.Kritika Mishra has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ms.Mallika Nayak

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ms.Mallika Nayak has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ms.Nikita Kumari

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ms.Nikita Kumari has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ms.Nikita Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ms.Nikita Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ms.Pinki

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ms.Pinki has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ms.Ruchika

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ms.Ruchika has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Nafesh Ali

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Nafesh Ali has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Nikhil Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Nikhil Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Nikita Rar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Nikita Rar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Nishatha Karodia

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Nishatha Karodia has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Palak Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Palak Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Payal Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Payal Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Payal Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Payal Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Poonam Prajapat

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Poonam Prajapat has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Pradeep Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Pradeep Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Rahul Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Rahul Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Rajat Kajala

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Rajat Kajala has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ravikant Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ravikant Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Rinku Kumari Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining Rf values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Rinku Kumari Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ritesh Garhwal

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining Rf values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ritesh Garhwal has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sakshi Agarwal

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sakshi Agarwal has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Samir Khan

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Samir Khan has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. SUDARSHAN SHARMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sapna Chejara

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sapna Chejara has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sarita Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sarita Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Shourbh Chawla

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Shourbh Chawla has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Siddhant

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Siddhant has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sonu Kumari

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sonu Kumari has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sourbh Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sourbh Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Taniya Kumari

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Taniya Kumari has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Tanuja Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Tanuja Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Vandana Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Vandana Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Vinay Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Vinay Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. SUDARSHAN SHARMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Yogendra Kumar Kalyan

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Yogendra Kumar Kalyan has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Abhishek Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Abhishek Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Aditya Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Aditya Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Aditya Meel

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Aditya Meel has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Adnan Khan

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Adnan Khan has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ajay Dhaka

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ajay Dhaka has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ajay Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ajay Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. SUDARSHAN SHARMA

ASSISTANT PROFESSOR





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ajay Singh

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ajay Singh has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. SUDARSHAN SHARMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Akhil Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Akhil Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Akhil Poonia

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Akhil Poonia has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Aman Jhajharia

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Aman Jhajharia has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Aman Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Aman Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. SUDARSHAN SHARMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Aman Kumar Sharma

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Aman Kumar Sharma has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Aman Sharma

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Aman Sharma has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Amit Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Amit Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Amit Kumar Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Amit Kumar Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Amit Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Amit Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Anish Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Anish Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Anish Kumar Kaler

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Anish Kumar Kaler has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ankit

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining Rf values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ankit has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ankit Kaler

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ankit Kaler has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ankit Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ankit Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ankit Kumar Bhinchar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ankit Kumar Bhinchar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ankit Lamba

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ankit Lamba has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ankit Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ankit Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Annu Dudi

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Annu Dudi has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Anuj Kumawat

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Anuj Kumawat has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Arvind

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Arvind has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Aryan Jangir

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Aryan Jangir has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ashish Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ashish Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ashish Kumar Kumawat

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ashish Kumar Kumawat has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ashish Sarawag

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ashish Sarawag has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - *Bhaskar Saini*

in recognition of successful completion of the *B.Sc. Part II Chemistry* laboratory course

Date - *27/01/2023*

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

*Bhaskar Saini* has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Deepak Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Deepak Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Deepak Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Deepak Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Deepak Sharma

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Deepak Sharma has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Devendra Khatri

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Devendra Khatri has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Dharmendra Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Dharmendra Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Dinesh Sevda

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Dinesh Sevda has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Fardeen Khan

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Fardeen Khan has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Gourav Kumawat

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Gourav Kumawat has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Harshita Kumawat

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Harshita Kumawat has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Himanshu Jangid

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Himanshu Jangid has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Himanshu Tanwar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Himanshu Tanwar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Hitesh Jangir

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Hitesh Jangir has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Jagriti Chotia

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Jagriti Chotia has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Jyoti Kumari Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Jyoti Kumari Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Kalpana Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Kalpana Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Kamal Yadav

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Kamal Yadav has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Kapil Jakhar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Kapil Jakhar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Kartikey Solanki

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Kartikey Solanki has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Khushwant Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Khushwant Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Lakshya Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Lakshya Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Laxman Singh

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Laxman Singh has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Manish Kumar Kumawat

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining Rf values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Manish Kumar Kumawat has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Mo Sahil Saiyad

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Mo Sahil Saiyad has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Mohammed Rahil

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Mohammed Rahil has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Mohit Chalka

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Mohit Chalka has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Mohit Jagarwal

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Mohit Jagarwal has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Mohit Sharma

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Mohit Sharma has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ms Rinku Dhewa

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ms Rinku Dhewa has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ms.Laxmi Jagrat

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining Rf values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ms.Laxmi Jagrat has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Naitik Jagrit

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Naitik Jagrit has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Naveen Jangid

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Naveen Jangid has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Nidhi Kumari

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Nidhi Kumari has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Nikhil Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Nikhil Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Nikita Surela

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Nikita Surela has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Nitin Singh Rathore

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Nitin Singh Rathore has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Pankaj Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Pankaj Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Pankaj Kumar Lamba

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Pankaj Kumar Lamba has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Pawan Kumar Mahan

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Pawan Kumar Mahan has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Payal Mishra

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Payal Mishra has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Piyush Sharma

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Piyush Sharma has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Pooja Kumari

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Pooja Kumari has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Pragya Sharma

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Pragya Sharma has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - *Pramila Kumari*

in recognition of successful completion of the *B.Sc. Part II Chemistry* laboratory course

Date - *27/01/2023*

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

*Pramila Kumari* has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

**MR. YOGESH KUMAR VERMA**  
**ASSISTANT PROFESSOR**



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Prateek Kumawat

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Prateek Kumawat has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Priya Kanwar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Priya Kanwar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Priyanshu Garhwal

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Priyanshu Garhwal has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Priyanshu Sharma

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Priyanshu Sharma has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Rahul Kumar Jakhar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Rahul Kumar Jakhar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Rahul Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Rahul Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Rahul Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Rahul Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Rajiv Jangir

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Rajiv Jangir has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Rakesh Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining Rf values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Rakesh Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ram Singh

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ram Singh has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ravi Kumar Sain

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining Rf values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ravi Kumar Sain has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Rohit

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining Rf values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Rohit has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Rohit Chouhan

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Rohit Chouhan has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Rohit Tanwar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Rohit Tanwar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ronak Choudhary

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ronak Choudhary has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Ronak Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Ronak Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Rounak

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining Rf values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Rounak has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sachin Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sachin Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sachin Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sachin Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sachin Sharma

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sachin Sharma has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sakshi Chejara

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sakshi Chejara has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sandeep Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sandeep Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Saurav Kalirawana

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Saurav Kalirawana has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sidisha

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining Rf values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sidisha has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sohil Khan

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sohil Khan has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sonam Kumari

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sonam Kumari has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sumit Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sumit Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sunil Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sunil Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Sunil Kumar Saini

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Sunil Kumar Saini has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Suresh Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Suresh Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Umesh Dangri

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Umesh Dangri has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Umesh Kumar Sogan

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Umesh Kumar Sogan has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Vasim Akram

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Vasim Akram has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Vasundhra Soni

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Vasundhra Soni has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Vikas Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining R<sub>f</sub> values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Vikas Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA

ASSISTANT PROFESSOR





# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Vikash Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining Rf values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Vikash Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR



# SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Recognition of college under Section 2(f)/12(B), UGC Act, 1956  
Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

## CERTIFICATE OF EXPERIENTIAL LEARNING

### DEPARTMENT OF CHEMISTRY

This certificate is awarded to

Student Name - Vikash Kumar

in recognition of successful completion of the B.Sc. Part II Chemistry laboratory course

Date - 27/01/2023

This course covered the following areas of practical Chemistry:

- Separation and Identification of Organic Compounds:
- Thin-layer chromatography (TLC) for determining Rf values and identifying compounds.
- Column and paper chromatography for separating and purifying compounds.
- Qualitative analysis using functional group tests and specific spray reagents.
- Physical Properties of Compounds:
- Determining melting point and boiling point for compound identification.
- Basic Thermochemical Experiments:
- Measuring heat of neutralization and transition temperatures.

Vikash Kumar has demonstrated proficiency in performing and interpreting laboratory experiments, applying separation techniques, analyzing data, and understanding fundamental chemical principles.

Signature of Instructor

MR. YOGESH KUMAR VERMA  
ASSISTANT PROFESSOR