

## **Report on Certificate Course: Integrating Excel into Chemical Analysis**

**Course Coordinator: Dr. Sarang S. Dhote**

### **Course Overview**

The "Integrating Excel into Chemical Analysis" course is a comprehensive 30-hour program designed for chemistry professionals, students, and researchers. The course aims to enhance participants' skills in data analysis, visualization, and management using Microsoft Excel.

### **Course Duration and Completion**

The course was conducted from January 6, 2023, to March 11, 2023, totaling 30 hours. The final examination was held on March 16, 2023. Dr. Sarang Dhote coordinated the course, which took place in the Chemistry Department. Out of 92 admitted students, 88 successfully completed the course.



Dr. Sarang S. Dhote

Course Coordinator

**Course Coordinator**  
**S.S.E.S.A.'s Science College**  
**Nagpur**

To,  
The Principal  
SSES Amt's Science College,  
Congress Nagar, Nagpur-12

Subject: Permission to conduct the add on courses in the department (2022-2023)

Respected Sir,

This is to request you that, we wish to conduct the add on courses in chemistry department these are the certificate courses of thirty hours' time duration.

The details of the courses is submitted here with.

Hence please permit to run the same and oblige me.

Thanking you

20/6/22

Yours sincerely



(Prof. R. V. Khopale)  
Department of Chemistry,  
Shri Shivaji Science College  
Congress Nagar, Nagpur.

Permitted  
M. Shore



**Shri Shivaji Education Society Amravati's  
Science College, Nagpur  
Department of Chemistry**

**Notice for Admission to Free Certificate Course**

We are pleased to announce the opening of admissions for a free certificate course offered by Shivaji Science College, Nagpur. This is a unique opportunity for students to enhance their skills and knowledge at no cost.

**Course Details:**

- Course Title: **Certificate Course – Integrating Excel into Chemical Analysis (IECA)**
- Course Duration: **30Hrs**
- Course Start Date: **06/01/2023**
- Application Deadline: **01/01/2023**


**Important Notes:**

- There are limited seats available. Admission will be on a first-come, first-served basis.
- Attendance and participation in all sessions are mandatory.
- Certificates will be awarded upon successful completion of the course.

For further details, please get in touch with the course coordinator Dr. Sarang Dhote [919822463373]

Don't miss this chance to gain valuable skills and knowledge for future endeavors.

Date – 10/12/2022

  
**Course Coordinator**  
Dr. Sarang S. Dhote  
Chemistry Department  
Shivaji Science College

**Course Coordinator**  
**S.S.E.S.A.'s Science College**  
**Nagpur**



Shri Shivaji Education Society Amravati's

## Science College, Nagpur

Department of Chemistry

Certificate Course - Integrating Excel into Chemical Analysis  
(Even Semester)



Course Coordinator – Dr. Sarang S. Dhote



# **Certificate Course - Integrating Excel into Chemical Analysis**

**Course Coordinator – Dr. Sarang S. Dhote**

## **Course Overview**

Welcome to the "Integrating Excel into Chemical Analysis" course! This **30-hour course** is designed for chemistry professionals, students, and researchers who aim to enhance their skills in data analysis, visualization, and management using Microsoft Excel.

## **Course Objective**

1. To provide a comprehensive understanding of Excel's functionalities relevant to chemical data analysis.
2. To enhance skills in organizing, analyzing, and interpreting chemical data using Excel.
3. To enable participants to visualize chemical data effectively through charts and graphs.
4. To facilitate the application of Excel tools in solving complex chemical problems.

## **Syllabus Overview**

### **Unit 1: Introduction to Excel for Chemists (7 Hours)**

1. Excel Interface and Basic Functionalities
2. Data Entry and Management
3. Data Cleaning Techniques
4. Basic Data Analysis

### **Unit 2: Advanced Excel Functions for Chemical Analysis (8 Hours)**

1. Conditional Formatting
2. Advanced Formulas and Functions
3. Data Sorting and Filtering
4. Data Validation and Error Checking

### **Unit 3: Data Visualization Techniques (8 Hours)**

1. Creating Charts and Graphs
2. Customizing Charts
3. PivotTables and PivotCharts
4. Advanced Charting Techniques

### **Unit 4: Applications of Excel in Chemical Analysis (7 Hours)**

1. Chemical Data Analysis Case Studies
2. Regression Analysis and Curve Fitting
3. Simulating Chemical Processes
4. Report Generation and Presentation

## **Practical Demonstration Sessions**

1. Data Entry and Organization
2. Applying Advanced Formulas
3. Creating Dynamic Charts and Graphs
4. Performing Regression Analysis

## **Course Outcomes**

1. By the end of this course, participants will:
2. Gain proficiency in using Excel for chemical data management.
3. Perform advanced data analysis and statistical calculations relevant to chemistry.
4. Create and interpret various data visualizations for chemical data.
5. Solve chemical analysis problems using Excel tools and techniques.


The Structure of the Syllabus for the Certificate course along with the distribution of marks is also displayed in the following Table

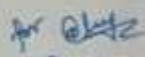
Course	Theory Papers and Practical	Marks			Total Marks
		Theory	Internal Assessment*	Practical	
Certificate Course in <b>INTEGRATING EXCEL INTO CHEMICAL ANALYSIS</b>	Theory paper- Integrating Excel into Chemical Analysis	50	00	00	50
				00	
		<b>Grand total</b>			50

\*Internal assessment –

- Based on students' attendance and performance during theory, practical & assignments/case study

  
Course Coordinator  
S.S.E.S.A.'s Science College  
Nagpur

  
Internal Quality Assurance Cell  
(IQAC)  
S. S. E. S. A. Science College  
Congress Nagar, Nagpur

  
Principal  
S. S. E. S. Amravati's  
Science College, Nagpur.

**Teaching Plan for Certificate Course: Integrating Excel into Chemical Analysis**

Day	Actual Date	Lecture Topic	Unit
1	06/01/2023	Excel Interface and Basic Functionalities	Unit 1
2	07/01/2023	Data Entry and Management	Unit 1
3	08/01/2023	Data Cleaning Techniques	Unit 1
4	13/01/2023	Basic Data Analysis	Unit 1
5	14/01/2023	Conditional Formatting	Unit 2
6	15/01/2023	Advanced Formulas and Functions	Unit 2
7	20/01/2023	Advanced Formulas and Functions (Continued)	Unit 2
8	21/01/2023	Data Sorting and Filtering	Unit 2
9	22/01/2023	Data Sorting and Filtering (Continued)	Unit 2
10	27/01/2023	Data Validation and Error Checking	Unit 2
11	28/01/2023	Creating Charts and Graphs	Unit 3
12	29/01/2023	Creating Charts and Graphs (Continued)	Unit 3
13	03/02/2023	Customizing Charts	Unit 3
14	06/02/2023	PivotTables and PivotCharts	Unit 3
15	05/02/2023	PivotTables and PivotCharts (Continued)	Unit 3
16	10/02/2023	Advanced Charting Techniques	Unit 3
17	11/02/2023	Chemical Data Analysis Case Studies	Unit 4
18	12/02/2023	Regression Analysis and Curve Fitting	Unit 4
19	17/02/2023	Simulating Chemical Processes	Unit 4
20	18/02/2023	Report Generation and Presentation	Unit 4
21	19/02/2023	Data Entry and Organization	Practical Demonstration Session 1
22	24/02/2023	Applying Advanced Formulas	Practical Demonstration Session 2
23	25/02/2023	Creating Dynamic Charts and Graphs	Practical Demonstration Session 3
24	26/02/2023	Performing Regression Analysis	Practical Demonstration Session 4
25	02/03/2023	Review and Q&A Session	Review Session
26	03/03/2023	Hands-on Practice and Assignment Discussion	Practical Application
27	04/03/2023	Hands-on Practice and Assignment Discussion (Continued)	Practical Application
28	09/03/2023	Final Revision and Exam Preparation	Review Session
29	10/03/2023	Mock Exam and Feedback	Review Session
30	11/03/2023	Course Wrap-up and Final Instructions	Wrap-up Session

Course Coordinator  
S.S.E.S.A.'s Science College  
Nagpur



SSES Amravati's Science College, Congress Nagar, Nagpur-12  
DEPARTMENT OF CHEMISTRY

Time table First term 2022-2023 (Wef- 01/01/2023)

Class/Time	1	2	3	4	5	6	7	8	9	10	11	12
Sem II	7.30	8:18	9.06- 9.54	10.00	10.48	11.36	12.44	1.32	2.20-3.08	3.12	4.00	4.48 - 5.36
Mon		CHE - (PF)	CHE- C10 (VKS)	CHE- C6 (RDU/JKG)			CHE- C6 (CHB)					CHE (CHB/PO)
Sem IV				CHE PSU-RAD(T)+SSD+VK(M)			CHE- C6 (RAD /PK)					
Sem VI				CHE- C6 (PND)	CHE- C2L (RUK)	CHE- C6L (RCE)		CHE- JKG/ RDU/RKM/PO				
Sem II		CHE - (PF)		CHE- C6 (RDU/JKG)								CHE (CHB/PO)
Sem IV			CHE- C10 (VK)	CHE PSU-RAD(T)+SSD+VK(M)			CHE- C6 (RAD)					
Sem VI				CHE- C6 (PND)	CHE- C6 (RUK)	CHE- C2L (RCE)		CHE- JKG/ RDU/RKM/PO				
Sem II		CHE- C10 (JKG/SSD)	CHE- C10 (CHB/PO)									
Sem IV		CHE SSD		CHE- C10 (KMMVK)				CHE RUK/PF				
Sem VI		CHE- C10 (PSU)		CHE SSD/PO+PCF(W)								
Sem II		CHE- C10 (JKG/SSD)	CHE- C10 (CHB/PO)					CHE- C6 (PCF/PK)				
Sem IV		CHE RDU						CHE RUK/PF				
Sem VI		CHE- C10 (PSU)		CHE SSD/PO+PCF(W)								
PGI												
Thurs												
Sem II			CHE- C10 (CHB)	CHE- C10 (SSD)				CHE SSD/PO+VK				
Sem IV		CHE- C10 (VGRDU)										
Sem VI			CHE- C10 (VGRDU)	CHE VGRAD/CHB			CHE - C10 (PSE)					
Sem II			CHE- C10 (CHB)		CHE - C10 (SSD)			CHE SSD/PO+VK				
Sem IV		CHE- C10 (VGRDU)										
Sem VI			CHE- C10 (VGRDU)	CHE VGRAD/CHB			CHE - C10 (PSE)					
Sat												
Sem II			CHE- C10 (CHB)		CHE - C10 (SSD)			CHE SSD/PO+VK				
Sem IV		CHE- C10 (VGRDU)										
Sem VI			CHE- C10 (VGRDU)	CHE VGRAD/CHB			CHE - C10 (PSE)					

  
Course Coordinator  
S.S.E.S.A.'s Science College  
Nagpur

## List of Admitted Students


Shri Shivaji Education Society Amravati's  
Science College, Nagpur  
Department of Chemistry  
Certificate Course – Integrating Excel into Chemical Analysis  
Sign for Students for Confirmation of admission

Roll. No.	Name of Students	Sign
2022001	ADROKAR TULNA DILIP	Tulna
2022002	AGNIHOTRI DEVESH MAHESH	Devesh
2022003	ALAM ALIYA	ALMA
2022004	ALONE KHUSHI PRABHUDAS	Alone
2022005	AMBOLIKAR ISHIKA MANISH	Ishika
2022006	ARVIWALA HUZEFA KHUZEMA	Huzefa
2022007	BAGADE DIYA DEEPAK	Diya
2022008	BAGADE LEENA BABULAL	Leena
2022009	BAGHEL SONAM SANTOSHKUMAR	Sonam
2022010	BAGHEL UMAKANTI JAGMOHAN	Umakanti
2022011	BAIG TASMIYA HAMID	Tasmiya
2022012	BARSAGADE KALASH SUDHAKAR	Kalash
2022013	BAWANKULE LAXMI DEVIDAS	Laxmi
2022014	BHAGAT ANURADHA ARUN	Anuradha
2022015	BHAISARE SEJAL SUSHIL	Sejal
2022016	BHAISWARE ADITYA RAJESH	Aditya
2022017	BHASMOTE AARADHANA RAJENDRA	Aaradhana
2022018	BHONGADE SNEHA MANISH	Sneha
2022019	BISEN MINAL SHANKAR	Minal
2022020	BORSE PRANALI ANIL	Pranali
2022021	CHADOKAR GARIMA WAMANRAO	Garima
2022022	CHANNE TANISHKA PRAVEEN	Tanishka
2022023	CHATAP PAYAL RAMRAO	Payal
2022024	DALAL YASHREE RAJENDRA	Yashree

2022025	DATIR PRANJALI ANKHALESH	P. Datie
2022026	DEOTALE SHRUTIKA DILIP	Shrutika
2022027	DESHMUKH JANHAVI VIRENDRA	Janhavi
2022028	DESHMUKH KHUSHI SHIVSHANKAR	Deshmukh
2022029	DESHMUKH ROHINI VINOD	R. Deshmukh
2022030	DESHMUKH TANVI RAJESH	Tanvi
2022031	DHAKATE KRUTIKA MAHESH	Krutika
2022032	DHENGRE PRANJAL NARESH	P. Dhenge
2022033	DHOK SOKSHAM NISHANT	Soksham
2022034	DHOLE MANJIRI ANIL	Manjiri
2022035	DHURVE PRANJALI KAMALDEV	P. Dhurve
2022036	FULKUWAR PRIYA SANTOSH	Priya
2022037	FULZELE SUHANI SAHADEO	Suhani
2022038	GAJBHIYE SWEJAL PRASHANT	S.P. Gajbhiye
2022039	GAJBHIYE VASUDHA VIJAY	V. Gajbhiye
2022040	GAUTAM LADALI PRAKASH	Ladali
2022041	GHADGE SIDDHANT RAMUJI	S.R. Ghadge
2022042	GHAYWAT YASHASHREE SANJAY	Yashashree
2022043	GHORE VANUSHKA VINOD	Vanushka
2022044	GONNADE MADHURIMA SHAILESH	Madhurima
2022045	GUPTA MOHINI MAHENDRAKUMAR	Mohini
2022046	HAWARE JAYESH ATUN	Jayesh
2022047	HEDYATULLAH SUHANA	Suhana
2022048	INWATE KASHISH RAJU	K.R. Inwate
2022049	IRGURALA VIDYA CHANDRAIAH	Vidya
2022050	JAISWAL KASHISH MANOJ	Kashish
2022051	JAISWAL SALONI SATISH	Saloni
2022052	JOGANI ISHA SURAJ	Isha

2022053	JUNGHARE SANCHIT SHESHRAO	Jsg
2022054	KADU UNNATI UMESH	Unnati
2022055	KALAMBE SHREYA GUNWANT	Se
2022056	KALE AVANI PREMDAS	Kale
2022057	KAMDAR SURBHI	Kamdar
2022058	KANOJIYA PIYUSH RAJESH	Piyush
2022059	KASEKAR EKTA SANJAY	Ekta
2022060	KHADSE CHETANA MORESHWAR	Khadse
2022061	KHARBIKAR DEVESH RAJU	Harmoni
2022062	LOKHANDE KASHISH SUHAS	Lokhande
2022063	LOKHANDE YASH OMPRAKASH	Y Lokhande
2022064	LUTE SUHANI RAMESHWAR	S. Lute
2022065	MENDWADE AISHWARYA PRAKASH	Mendwade
2022066	MOHANE SRUSHTI MANOJ	Srushti
2022067	NAMDEO ARYAN UMASHANKAR	Aryan
2022068	NAYAK MAHEK GHANSHYAM	Nayak
2022069	PAIGAMI MANISH RAJENDRA	Manish
2022070	PAIGANI MEETALI RAJENDRA	Meetali
2022071	PAL VAISHNAVI VINOD	Pal
2022072	PATIL ANSHUL RAVINDRA	Anshul
2022073	PATIL GRISHMA JAYPAL	Grishma
2022074	PRASAD SONAM RAMNATH	Sonam
2022075	RALBANDIWAR UMARANI SANJAY	Umarani
2022076	SAHU APURVA TAPAN	Apurva
2022077	SAPATE PORNIMA PRABHU	P. Sapate
2022078	SHAIKH ZOYA MOHAMMAD	Zoya
2022079	SHRIVASTAV ANUJKUMAR	Anu
2022080	SINGH MUSKAN KUNDAN KUMAR	Singh

2022081	SONTAKKE RAJVEE SAROJ	Rajvee
2022082	THAKUR SHRUSHTI DEEPAKSINGH	Thakur
2022083	TRIVENI ANJALI DEVISHANKAR	Triveni
2022084	UPARKAR JUEE VILAS	Juee
2022085	VARMA RIYA JITENDRA	R. Varma
2022086	VYAS HIMANSHU MUKESH	Himanshu
2022087	WAHANE NIKITA VINOD	Nikita
2022088	WAHANE PREMANSHU ANIL	Premanshu
2022089	WAHANE TEJASVI PRAVIN	Tejasvi
2022090	WALDE DURGA RAJU	Durga
2022091	WANKHEDE JUHI MANOJ	J. Wankhede
2022092	WASNIK RUTIKA VINAYAK	Rutika

  
**Course Coordinator**  
**S.S.E.S.A.'s Science College**  
**Nagpur**

# Attendance

Shri Shivaji Education Society Amravati's  
Science College, Nagpur  
Department of Chemistry  
Certificate Course - Integrating Excel into Chemical Analysis

Jan-2023

Theory / Practical Demonstration/ Final Exam		T	T	T	T	T	T	T	T	T	T	T
Roll No.	Name of Students	06/01/23	07/01/23	08/01/23	13/01/23	14/01/23	15/01/23	20/01/23	21/01/23	22/01/23	23/01/23	28/01/23
2022001	ADOKAR TULNA DILIP	P	P	P	P	P	P	P	P	P	P	P
2022002	AGNIHOTRI DEVESH MAHESH	P	P	P	P	P	P	P	P	P	P	P
2022003	ALAM ALIYA	P	P	P	P	P	P	P	P	P	P	P
2022004	ALONE KHUSHI PRABHUGAS	P	P	P	P	P	P	P	P	P	P	P
2022005	AMBOLIKAR BHIKA MANISH	P	P	P	P	P	P	P	P	P	P	P
2022006	ARVIWALA HUZIFA KHUZEMA	P	P	P	P	P	P	P	P	P	P	P
2022007	BAGADE DIYA DEEPAK	P	P	P	P	P	P	P	P	P	P	P
2022008	BAGADE LEENA BABULAI	P	P	P	P	P	P	P	P	P	P	P
2022009	BAGHEL SONAM SANTOSHKUMAR	P	P	P	P	P	P	P	P	P	P	P
2022010	BAGHEL UMAKANTI JAGMOHAN	P	P	P	P	P	P	P	P	P	P	P
2022011	BAG TASHIYA HAMID	P	P	P	P	P	P	P	P	P	P	P
2022012	BARSAGADE KALASH SUDHAKAR	P	P	P	P	P	P	P	P	P	P	P
2022013	BAWANILUKE LAVNI DEVIDAS	P	P	P	P	P	P	P	P	P	P	P
2022014	BHAGAT ANURADHA ARUN	P	P	P	P	P	P	P	P	P	P	P
2022015	BHAIKARE SEJAL SUSHIL	P	P	P	P	P	P	P	P	P	P	P
2022016	BHAIKWARE ADITYA RAJESH	P	P	P	P	P	P	P	P	P	P	P
2022017	BHASKOTE AARADHANA RAJENDRA	P	P	P	P	P	P	P	P	P	P	P
2022018	BHONGADE SNEHA MANISH	P	P	P	P	P	P	P	P	P	P	P
2022019	BISEN MINAL SHANKAR	P	P	P	P	P	P	P	P	P	P	P
2022020	BORSE PRANALI ANIL	P	P	P	P	P	P	P	P	P	P	P
2022021	CHADONAR GARIMA WAMANRAO	P	P	P	P	P	P	P	P	P	P	P

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2022022	CHAVNE TANISHKA PRAVEEN	P	P	P	P	P	P	P	P	P	P	P
2022023	CHITAP PAYAL RAMRAO	P	P	P	P	P	P	P	P	P	P	P
2022024	DALAL YASHREE RAJENDRA	P	P	P	P	P	P	P	P	P	P	P
2022025	DATIR PRANALI ANKHALESH	P	P	P	P	P	P	P	P	P	P	P
2022026	DEOTALE SHRUTIKA DILIP	P	P	P	P	P	P	P	P	P	P	P
2022027	DESHMUKH JANHAVI VIRENDRA	P	P	P	P	P	P	P	P	P	P	P
2022028	DESHMUKH KHUSHI SHIVSHANKAR	P	P	P	P	P	P	P	P	P	P	P
2022029	DESHMUKH ROHINI VINOD	P	P	P	P	P	P	P	P	P	P	P
2022030	DESHMUKH TANVI RAJESH	P	P	P	P	P	P	P	P	P	P	P
2022031	DHAKATE KRUTIKA MAHESH	P	P	P	P	P	P	P	P	P	P	P
2022032	DHENGRE PRANALI RAJESH	P	P	P	P	P	P	P	P	P	P	P
2022033	DHOK SAKSHAM NISHANT	P	P	P	P	P	P	P	P	P	P	P
2022034	DHOLE MANJURI ANIL	P	P	P	P	P	P	P	P	P	P	P
2022035	DHURVE PRANALI KAMALDEV	P	P	P	P	P	P	P	P	P	P	P
2022036	FULEPWAR PRIYA SANTOSH	P	P	P	P	P	P	P	P	P	P	P
2022037	FULZELE SUNAMI SAHADEO	P	P	P	P	P	P	P	P	P	P	P
2022038	GADBIYE SWEJAL PRASHANT	P	P	P	P	P	P	P	P	P	P	P
2022039	GADBIYE VASUDHA VIDAY	P	P	P	P	P	P	P	P	P	P	P
2022040	GAUTAM LADALI PRAKASH	P	P	P	P	P	P	P	P	P	P	P
2022041	GHADGE SIDHANT RAMJJI	P	P	P	P	P	P	P	P	P	P	P
2022042	GHAYWAT YASHASHREE SANJAY	P	P	P	P	P	P	P	P	P	P	P
2022043	GHORE VANUSHKA VINOD	P	P	P	P	P	P	P	P	P	P	P

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Department of Chemistry  
Certificate Course – Integrating Excel into Chemical Analysis  
Attendance

Theory / Practical Demonstration/ Final Exam		T	T	T	T	T	T	T	T	T	T	T	
Roll No.	Name of Students	6/10/23	7/10/23	8/10/23	15/10/23	16/10/23	15/10/23	20/10/23	21/10/23	22/10/23	27/10/23	6/11/23	27/10/23
2022044	GONNADE MADHURIMA SHAILESH	P	P	P	P	P	P	P	P	P	P	P	P
2022045	GUPTA MOHINI MAHENDRAKUMAR	P	P	P	P	P	P	P	P	P	P	P	P
2022046	HAWARE JAYESH ATUN	P	P	P	P	P	P	P	P	P	P	P	P
2022047	HEDYATULLAH SUHANA	P	P	P	P	P	P	P	P	P	P	P	P
2022048	HWATE KASHISH RAJU	P	P	P	P	P	P	P	P	P	P	P	P
2022049	IRGURALA VIDYA CHANDRAIAH	P	P	P	P	P	P	P	P	P	P	P	P
2022050	JAINWAL KASHISH MANOJ	P	P	P	P	P	P	P	P	P	P	P	P
2022051	JAINWAL SALONI SATISH	P	P	P	P	P	P	P	P	P	P	P	P
2022052	JOGANI ISHA SURAJ	P	P	P	P	P	P	P	P	P	P	P	P
2022053	JUNGHARE SANCHIT SHESHRAO	P	P	P	P	P	P	P	P	P	P	P	P
2022054	KADU UNNATI UMESH	P	P	P	P	P	P	P	P	P	P	P	P
2022055	KALAMBE SHREYA GUNWANT	P	P	P	P	P	P	P	P	P	P	P	P
2022056	KALE AVANI PREMDAS	P	P	P	P	P	P	P	P	P	P	P	P
2022057	KAMDAR SURBHI	P	P	P	P	P	P	P	P	P	P	P	P
2022058	KANOJIA PRYUSH RAJESH	P	P	P	P	P	P	P	P	P	P	P	P
2022059	KASEKAR EKTA SANJAY	P	P	P	P	P	P	P	P	P	P	P	P
2022060	KHADSE CHETANA MOHESHWAR	P	P	P	P	P	P	P	P	P	P	P	P
2022061	KHARBIKAR DEVESH RAJU	P	P	P	P	P	P	P	P	P	P	P	P
2022062	LOKHANDE KASHISH SUHAS	P	P	P	P	P	P	P	P	P	P	P	P
2022063	LOKHANDE YASH OMPRAKASH	P	P	P	P	P	P	P	P	P	P	P	P
2022064	LUTE SUHANI RAMESHWAR	P	P	P	P	P	P	P	P	P	P	P	P
2022065	MENDWADE AISHWARYA PRAKASH	P	P	P	P	P	P	P	P	P	P	P	P

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Shri Shivaji Education Society Amravati's  
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Attendance

Theory / Practical Demonstration/ Final Exam		T	T	T	T	T	T	T	T	T	T	T
Roll No.	Name of Students	6/10/23	7/10/23	8/10/23	15/10/23	16/10/23	15/10/23	20/10/23	21/10/23	22/10/23	27/10/23	6/11/23
2022066	MOHANE BRUSHTI MANOJ	P	P	P	P	P	P	P	P	P	P	P
2022067	NANDED ARYAN UMASHANKAR	P	P	P	P	P	P	P	P	P	P	P
2022068	NAYAK MAHEK SHREESHYAM	P	P	P	P	P	P	P	P	P	P	P
2022069	PADGAM MANISH RAJENDRA	P	P	P	P	P	P	P	P	P	P	P
2022070	PADGAM MEETALI RAJENDRA	P	P	P	P	P	P	P	P	P	P	P
2022071	PAL VISHNAVY VINOD	P	P	P	P	P	P	P	P	P	P	P
2022072	PATIL ANSHUL RAVINDRA	P	P	P	P	P	P	P	P	P	P	P
2022073	PATIL GRISHMA JAYPAL	P	P	P	P	P	P	P	P	P	P	P
2022074	PRASAD SONAM RAMNATH	P	P	P	P	P	P	P	P	P	P	P
2022075	RALSANDHAR UMARANI SANJAY	P	P	P	P	P	P	P	P	P	P	P
2022076	SARDI APURVA TAPAN	P	P	P	P	P	P	P	P	P	P	P
2022077	SAPATE POONIMA PRASHU	P	P	P	P	P	P	P	P	P	P	P
2022078	SHAIKH ZORNA MOHAMMAD	P	P	P	P	P	P	P	P	P	P	P
2022079	SHIVASTAV ANJULKUMAR	P	P	P	P	P	P	P	P	P	P	P
2022080	SINGH MUSKAR KUNDAN KUMAR	P	P	P	P	P	P	P	P	P	P	P
2022081	SONTAKKE RAJYET SAROJ	P	P	P	P	P	P	P	P	P	P	P
2022082	THAKUR SHRUSHTI DEEPAKSINGH	P	P	P	P	P	P	P	P	P	P	P
2022083	TRIVEDI ANIKU DEVSHANKAR	P	P	P	P	P	P	P	P	P	P	P
2022084	UPKAR JAYE VILAS	P	P	P	P	P	P	P	P	P	P	P
2022085	VARKAR RIVA ATENDRA	P	P	P	P	P	P	P	P	P	P	P
2022086	VYAS HIMANSHU MUNESH	P	P	P	P	P	P	P	P	P	P	P
2022087	WANARE NRIITA VINOD	P	P	P	P	P	P	P	P	P	P	P

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Attendance

Roll No.	Name of Students	6/01/23	7/01/23	8/01/23	9/01/23	10/01/23	11/01/23	12/01/23	13/01/23	14/01/23	15/01/23	16/01/23	17/01/23
2022088	WAHANE PREMANSHU ANIL	P	P	P	P	P	P	P	P	P	P	P	P
2022089	WAHANE TEJASVI PRAVIN	P	P	P	P	P	P	P	P	P	P	P	P
2022090	WALDE DURGA RAJU	P	P	P	P	P	P	P	P	P	P	P	P
2022091	WANKHEDE JUHI MANGI	P	P	P	P	P	P	P	P	P	P	P	P
2022092	WASNIK RUTIKA VINAYAK	P	P	P	P	P	P	P	P	P	P	P	P

  
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Attendance

Feb-2023

Roll No.	Name of Students	03/02/23	04/02/23	05/02/23	06/02/23	07/02/23	08/02/23	09/02/23	10/02/23	11/02/23	12/02/23	13/02/23	14/02/23	15/02/23	16/02/23	17/02/23	18/02/23	19/02/23	20/02/23	21/02/23	22/02/23	
2022001	ADROKAR TULNA DILIP	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022002	AGNHOTRI DEVESH MAHESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022003	ALAM ALIYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022004	ALONE KHUSHI PRABHUDAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022005	AMBOLKAR CHHRA MANISH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022006	ARVIWALA HUSSEIN KHUZEMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022007	BAGADE DIVYA DEEPAK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022008	BAGADE LEENA BABULAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022009	BAGHEL SONAM SANTOSHKUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022010	BAGHEL UMARANTI JAGMOHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022011	BAKI TAKSHIKA HANID	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022012	BANSAGADE KIRAN SUDHAKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022013	BHAWANLAL LAXMI DEVIDAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022014	BHAGAT ANURADHA ARUN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022015	BHARSARE SEJAL SUSHIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022016	BHARSHARE ADITYA RAJESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022017	BHASKOTE AARADHANA RAJENDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022018	BHONGSANE SHREYA MANISH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022019	BHISE NINA SHANKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022020	BORSE PRARALI ANIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2022021	CHADOKAR GARIMA WAMANRAO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

  
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Attendance

Theory / Practical Demonstration/ Final Exam		(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)
Roll No.	Name of Students	04/02/23	06/02/23	07/02/23	10/02/23	11/02/23	13/02/23	15/02/23	17/02/23	18/02/23	19/02/23	21/02/23	22/02/23	23/02/23
2022022	CHANNE TANISHKA PRAVEEN	P	P	P	P	P	P	P	P	P	P	P	P	P
2022023	CHATAP PAYAL RAMRAO	P	P	P	P	P	P	P	P	P	P	P	P	P
2022024	DALAL YASHREE RAJENDRA	P	P	P	P	P	P	P	P	P	P	P	P	P
2022025	DATIR PRANDALI ANKHALESH	P	P	P	P	P	P	P	P	P	P	P	P	P
2022026	DEOTALE SHRUTIKA DILIP	P	P	P	P	P	P	P	P	P	P	P	P	P
2022027	DESHMUKH JANHAVI VIRENDRA	P	P	P	P	P	P	P	P	P	P	P	P	P
2022028	DESHMUKH KHUSHI SHIVSHANKAR	P	P	P	P	P	P	P	P	P	P	P	P	P
2022029	DESHMUKH ROHINI VINOD	P	P	P	P	P	P	P	P	P	P	P	P	P
2022030	DESHMUKH TANVI RAJESH	P	P	P	P	P	P	P	P	P	P	P	P	P
2022031	DHAKATE KRUTIKA MAHESH	P	P	P	P	P	P	P	P	P	P	P	P	P
2022032	DHENGRE PRANALI NARESH	P	P	P	P	P	P	P	P	P	P	P	P	P
2022033	DHOK SONSHAM NISHANT	P	P	P	P	P	P	P	P	P	P	P	P	P
2022034	DHOLE MANJRI ANIL	P	P	P	P	P	P	P	P	P	P	P	P	P
2022035	DHURVE PRANDALI KAMALDEV	P	P	P	P	P	P	P	P	P	P	P	P	P
2022036	FULKURWAR PRIYA SANTOSH	P	P	P	P	P	P	P	P	P	P	P	P	P
2022037	FULZELE SUHANI SAHADEO	P	P	P	P	P	P	P	P	P	P	P	P	P
2022038	GABBIYE SWEJAL PRASHANT	P	P	P	P	P	P	P	P	P	P	P	P	P
2022039	GABBIYE VASUDHA VIJAY	P	P	P	P	P	P	P	P	P	P	P	P	P
2022040	GAUTAM LADALI PRAKASH	P	P	P	P	P	P	P	P	P	P	P	P	P
2022041	GHADGE SIDDHANT RAMJI	P	P	P	P	P	P	P	P	P	P	P	P	P
2022042	GHAYWAT YASHASHREE SANJAY	P	P	P	P	P	P	P	P	P	P	P	P	P
2022043	GHORE VANUSHKA VINOD	P	P	P	P	P	P	P	P	P	P	P	P	P

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Theory / Practical Demonstration/ Final Exam		(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)
Roll No.	Name of Students	03/02/23	06/02/23	07/02/23	10/02/23	11/02/23	12/02/23	17/02/23	18/02/23	19/02/23	24/02/23	25/02/23	26/02/23	(P)
2022044	GONNADE MADHURIMA SHALESH	P	P	P	P	P	P	P	P	P	P	P	P	P
2022045	GUPTA MOHINI MAHENDRAKUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P
2022046	HAWARE JAYESH ATUL	P	P	P	P	P	P	P	P	P	P	P	P	P
2022047	HEDIYATULLAH SUHANA	P	P	P	P	P	P	P	P	P	P	P	P	P
2022048	IRVATE KASHISH RAJU	P	P	P	P	P	P	P	P	P	P	P	P	P
2022049	IRIGURAJA VIDYA CHANDRAIAH	P	P	P	P	P	P	P	P	P	P	P	P	P
2022050	JADWAL KASHISH MANOJ	P	P	P	P	P	P	P	P	P	P	P	P	P
2022051	JADWAL SALONI SATISH	P	P	P	P	P	P	P	P	P	P	P	P	P
2022052	JOGANI ISHA SURAJ	P	P	P	P	P	P	P	P	P	P	P	P	P
2022053	JUNGHARE SANCHIT SHESHRAO	P	P	P	P	P	P	P	P	P	P	P	P	P
2022054	KADU UINNATI UMESH	P	P	P	P	P	P	P	P	P	P	P	P	P
2022055	KALAMBE SHREYA GUNWANT	P	P	P	P	P	P	P	P	P	P	P	P	P
2022056	KALE ANAMI PREMDAS	P	P	P	P	P	P	P	P	P	P	P	P	P
2022057	KAMDAR DIBHIR	P	P	P	P	P	P	P	P	P	P	P	P	P
2022058	KARJUYA PRILISH RAJESH	P	P	P	P	P	P	P	P	P	P	P	P	P
2022059	KASEKAR EKTA SANJAY	P	P	P	P	P	P	P	P	P	P	P	P	P
2022060	KHADSE CHETANA MORESHWAR	P	P	P	P	P	P	P	P	P	P	P	P	P
2022061	KHARBIKAR DEVESH RAJU	P	P	P	P	P	P	P	P	P	P	P	P	P
2022062	LOKHANDE KASHISH SUHAS	P	P	P	P	P	P	P	P	P	P	P	P	P
2022063	LOKHANDE YASH OMPRKASH	P	P	P	P	P	P	P	P	P	P	P	P	P
2022064	LUTE SUHANI KAMESHWAR	P	P	P	P	P	P	P	P	P	P	P	P	P
2022065	MENOWADE ASHWARYA PRAKASH	P	P	P	P	P	P	P	P	P	P	P	P	P

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Theory / Practical Demonstration/ Final Exam		(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(P)	(P)	(P)	(P)
Roll No.	Name of Students	05/02/23	14/02/23	01/02/23	10/02/23	11/02/23	12/02/23	17/02/23	18/02/23	19/02/23	24/02/23	27/02/23	26/02/23
2022066	MOHANE SRISHTI MANOJ	P	P	P	P	P	P	P	P	P	P	P	P
2022067	NAMDEO ARYAN UMASHANKAR	P	P	P	P	P	P	P	P	P	P	P	P
2022068	NAYAK MAHEK GHANSHYAM	P	P	P	P	P	P	P	P	P	P	P	P
2022069	PAIGAMI MAMISH RAJENDRA	P	P	P	P	P	P	P	P	P	P	P	P
2022070	PAIGANI MEETALI RAJENDRA	P	P	P	P	P	P	P	P	P	P	P	P
2022071	PAL VAISHNAVI VINOD	P	P	P	P	P	P	P	P	P	P	P	P
2022072	PATIL ANSHUL RAVINDRA	P	P	P	P	P	P	P	P	P	P	P	P
2022073	PATIL GIISHMA JAYPAL	P	P	P	P	P	P	P	P	P	P	P	P
2022074	PRASAD SONAM RAMNATH	P	P	P	P	P	P	P	P	P	P	P	P
2022075	RALBANDIWAR UMARANI SANJAY	P	P	P	P	P	P	P	P	P	P	P	P
2022076	SAHU APURVA TAPAN	P	P	P	P	P	P	P	P	P	P	P	P
2022077	SAPATE PORNIMA PRABHU	P	P	P	P	P	P	P	P	P	P	P	P
2022078	SHAIKH ZOYA MOHAMMAD	P	P	P	P	P	P	P	P	P	P	P	P
2022079	SHRIVASTAV ANUJKUMAR	P	P	P	P	P	P	P	P	P	P	P	P
2022080	SINGH MUSKAN KUNDAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
2022081	SONTAKKE RAJVEE SAROJ	P	P	P	P	P	P	P	P	P	P	P	P
2022082	THAKUR SHRUSHTI DEEPAKSINGH	P	P	P	P	P	P	P	P	P	P	P	P
2022083	TRIVENI ANJALI DEVSHANKAR	P	P	P	P	P	P	P	P	P	P	P	P
2022084	UPARKAR JUEE VILAS	P	P	P	P	P	P	P	P	P	P	P	P
2022085	VARMA RIYA JITENDRA	P	P	P	P	P	P	P	P	P	P	P	P
2022086	VYAS HIMANSHU MUKESH	P	P	P	P	P	P	P	P	P	P	P	P
2022087	WAHANE NIKITA VINOD	P	P	P	P	P	P	P	P	P	P	P	P

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Theory / Practical Demonstration/ Final Exam		(T)	(T)	(T)	(T)	(T)	(T)	(T)	(T)	(P)	(P)	(P)	(P)
Roll No.	Name of Students	05/02/23	06/02/23	08/02/23	10/02/23	11/02/23	12/02/23	17/02/23	18/02/23	19/02/23	24/02/23	27/02/23	26/02/23
2022088	WAHANE PREMAANSHU ANIL	P	P	P	P	P	P	P	P	P	P	P	P
2022089	WAHANE TEJASVI PRAVIN	P	P	P	P	P	P	P	P	P	P	P	P
2022090	WALDE DURGA RAJU	P	P	P	P	P	P	P	P	P	P	P	P
2022091	WANKHEDE JUHI MANOJ	P	P	P	P	P	P	P	P	P	P	P	P
2022092	WASNIK RUTIKA VINAYAK	P	P	P	P	P	P	P	P	P	P	P	P

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Attendance

March-2023

Theory / Practical Demonstration/ Final Exam		T	T	T	T	T	T			
Roll No.	Name of Students	02/3/23	03/3/23	06/03/23	07/03/23	10/03/23	11/03/23			
2022001	ADMONAR TULNA DILIP	P	P	A	P	P	P			
2022002	AGNIHOTRI DEVESH MAHESH	P	P	P	P	P	A			
2022003	ALAM ALNA	P	P	P	A	P	P			
2022004	ALONE KHLISH PRABHUGAL	A	P	P	P	P	P			
2022005	AMBOLKAR SHIBA MANISH	P	P	P	P	P	P			
2022006	ARVIVALA MUZZFA KHUZEMA	P	P	P	A	P	P			
2022007	BAGADE DIYA DEEPAK	P	A	P	P	P	P			
2022008	BAGADE LEENA BABURAJ	A	P	P	P	P	P			
2022009	BAGHEL SONAM SANTOSH/UMAR	P	P	A	P	P	P			
2022010	BAGHEL UMAKANTI JAGMOHAN	A	P	P	P	P	A			
2022011	BAIS TAISHYA HARSH	P	P	P	A	P	P			
2022012	BANSAGADE KALASH SUDHAKAR	P	P	A	A	P	P			
2022013	BARWANELE LAXMI DEVIDAS	A	P	P	P	P	P			
2022014	BARHAT AMURATMA ARON	P	A	P	P	P	P			
2022015	BHASKARE SEJAL SUSHIL	P	A	P	P	A	A			
2022016	BHASKARE KESTYA RAJESH	P	P	P	P	A	A			
2022017	BHASKOTE AAKASHANA RAJENDRA	A	P	P	P	P	P			
2022018	BHONGADE SNEHA MAANISH	A	P	P	P	P	P			
2022019	BOSE MINAL SHANKAR	P	P	A	P	P	P			
2022020	BOYSE PRANALI ANIL	P	P	P	P	P	P			
2022021	CHADONAR GARIMA WAMANRAO	A	P	P	P	P	P			

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Theory / Practical Demonstration/ Final Exam		T	T	T	T	T	T			
Roll No.	Name of Students	02/3/23	03/3/23	06/03/23	07/03/23	10/03/23	11/03/23			
2022022	CHANNE TANISHKA PRAVEEN	P	P	P	P	P	P			
2022023	CHATAP PAYAL KAMRAB	P	P	P	A	P	P			
2022024	DALAL YASHREK RAJENDRA	P	P	P	A	P	P			
2022025	DATH PRANALI ANKHALES	P	P	A	P	A	P			
2022026	DEOTALI SHRUTIKA DILIP	P	P	P	P	P	A			
2022027	DESHMUKH JANHAVI VIRENDRA	A	A	P	P	P	P			
2022028	DESHMUKH KHUSHI SHEVSHANKAR	P	P	P	A	P	P			
2022029	DESHMUKH ROHINI VINOD	P	P	A	P	P	P			
2022030	DESHMUKH TANVI RAJESH	P	P	P	P	A	P			
2022031	DHAKATE KRUTIKA MAHESH	A	A	P	P	P	P			
2022032	DHENGURE PRANALI NARESH	P	A	P	P	P	P			
2022033	DHOK SAKSHAM NISHANT	P	P	P	P	P	P			
2022034	DHOLE MANJRI ANIL	P	P	A	P	P	P			
2022035	DHURVE PRANALI KAMALDEV	P	P	P	P	P	P			
2022036	FULKURWAR PRIYA SANTOSH	P	P	P	P	P	P			
2022037	FULTELE SIBHANI SARADGO	P	A	P	P	P	A			
2022038	GAJBHIRE DARPAJ PERSHANT	P	P	A	P	P	P			
2022039	GAJBHIRE VASUDHA VIJAY	P	P	P	P	P	P			
2022040	GAUTAM LADALI PRAKASH	P	P	P	A	P	P			
2022041	GHADGE SIDDHANT RAMRUP	P	A	P	P	P	P			
2022042	GHAYWAT YASHASHREE SANJAY	A	P	A	P	P	P			
2022043	GHORE VANUSHKA VIRGO	P	P	P	P	P	P			

Course Coordinator  
S.S.E.S.A.'s Science College  
Nagpur

Shri Shivaji Education Society Amravati's  
Science College, Nagpur  
Department of Chemistry  
Certificate Course – Integrating Excel into Chemical Analysis  
Attendance

Theory / Practical Demonstration/ Final Exam	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ
Roll No.	Name of Students	02/03/23	03/03/23	06/03/23	09/03/23	14/03/23	11/04/23	16/04/23
2022044	GONWADE MADHURIMA SHALESH	P	P	P	P	P	P	P
2022045	GUPTA MOHINI MAHENDRAKUMAR	P	P	P	P	P	P	P
2022046	HAWARE JAYESH ATUN	P	P	P	P	P	P	P
2022047	HEDYATULLAH SUHANA	P	P	P	P	P	P	P
2022048	INWATE KASHISH RAJU	P	P	P	P	P	P	P
2022049	IRGURAJA VIDYA CHANDRAIAH	P	P	P	P	P	P	P
2022050	JADWAL KASHISH MANOJ	P	P	P	P	P	P	P
2022051	JADWAL SALONI SATISH	P	P	P	P	P	P	P
2022052	JOGANI ISHA SUHAJ	P	P	P	P	P	P	P
2022053	JUNSHARE SANCHIT SHESHMAO	P	P	P	P	P	P	P
2022054	KADU LINNATI UMESH	P	P	P	P	P	P	P
2022055	KALAMBHE SHREYA GUNWANT	P	P	P	P	P	P	P
2022056	KALE AVANI PREMDAS	P	P	P	P	P	P	P
2022057	KAMDAR SURBHI	P	P	P	P	P	P	P
2022058	KANDIYA PIYUSH RAJESH	P	P	P	P	P	P	P
2022059	KASEKAR EKTA SANJAY	P	P	P	P	P	P	P
2022060	KHADSE CHITANA MORESHWAR	P	P	P	P	P	P	P
2022061	KHARBIKAR DEVESH RAJU	P	P	P	P	P	P	P
2022062	LOKHANDE KASHISH SUHAS	P	P	P	P	P	P	P
2022063	LOKHANDE YASH OMPRAKASH	P	P	P	P	P	P	P
2022064	LUTE SUHANI RAMESHWAR	P	P	P	P	P	P	P
2022065	MENDWADE AISHWARYA PRAKASH	P	P	P	P	P	P	P

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Science College, Nagpur  
Department of Chemistry  
Certificate Course – Integrating Excel into Chemical Analysis  
Attendance

Theory / Practical Demonstration/ Final Exam	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ	Ⓟ
Roll No.	Name of Students	12/03/23	03/03/23	06/04/23	09/05/23	10/05/23	11/03/23	16/13/23
2022066	MOHANE SRUSHTI MANOJ	P	P	P	P	P	P	P
2022067	NAMDGE ARYAN UMASHANKAR	P	P	P	P	P	P	P
2022068	NAYAR MAHEK GHANSHYAM	P	P	P	P	P	P	P
2022069	PAIGARE MANISH RAJENDRA	P	P	P	P	P	P	P
2022070	PAIGARE MEETALI RAJENDRA	P	P	P	P	P	P	P
2022071	PAL VAISHNAVI VINOD	P	P	P	P	P	P	P
2022072	PATE ANSHUL RAJENDRA	P	P	P	P	P	P	P
2022073	PATE GRISHMA JAYPAL	P	P	P	P	P	P	P
2022074	PRASAD SONAM RAMNATH	P	P	P	P	P	P	P
2022075	RAJBANDHWAR UMMAJANI SANJAY	P	P	P	P	P	P	P
2022076	SAMU APURVA TAPAN	P	P	P	P	P	P	P
2022077	SAPATE POORNA PRASHU	P	P	P	P	P	P	P
2022078	SHARH ZIYA MOHAMMAD	P	P	P	P	P	P	P
2022079	SHRIVASTAV ANURKUMAR	P	P	P	P	P	P	P
2022080	SINGH RAJXAN RUNDAN KUMAR	P	P	P	P	P	P	P
2022081	SONTAKKE RANJE SAROJ	P	P	P	P	P	P	P
2022082	THAKUR SHRUSHTI DEEPAKUNGH	P	P	P	P	P	P	P
2022083	TRIVEDI ANJALI DEVISHANKAR	P	P	P	P	P	P	P
2022084	UPASKAR JIJE VILAS	P	P	P	P	P	P	P
2022085	VARMA RIYA JITENDRA	P	P	P	P	P	P	P
2022086	VYAS HIMANSHU MUKESH	P	P	P	P	P	P	P
2022087	WANANE NIKITA VINOD	P	P	P	P	P	P	P

Course Coordinator  
S.S.E.S.A.'s Science College  
Nagpur

Shri Shivaji Education Society Amravati's  
 Science College, Nagpur  
 Department of Chemistry  
 Certificate Course – Integrating Excel into Chemical Analysis  
 Attendance

Theory / Practical Demonstration/ Final Exam		(T)	(P)	(T)	(T)	(T)	(T)	(M)				
Roll No.	Name of Students	01/3/23	03/3/23	04/3/23	09/3/23	10/3/23	11/3/23	16/3/23				
2022088	WAHANE PREMANSHU ANIL	P	P	P	P	P	P	P				
2022089	WAHANE TEJASVI PRAVIN	P	P	P	P	P	P	P				
2022090	WALDE DURGA RAJU	P	P	P	P	P	P	P				
2022091	WANKHEDE JIHI MANOJ	P	P	P	P	P	P	P				
2022092	WASNIK RUTIKA VINAYAK	P	P	P	P	P	P	P				

  
 Course Coordinator  
 S.S.E.S.A.'s Science College  
 Nagpur

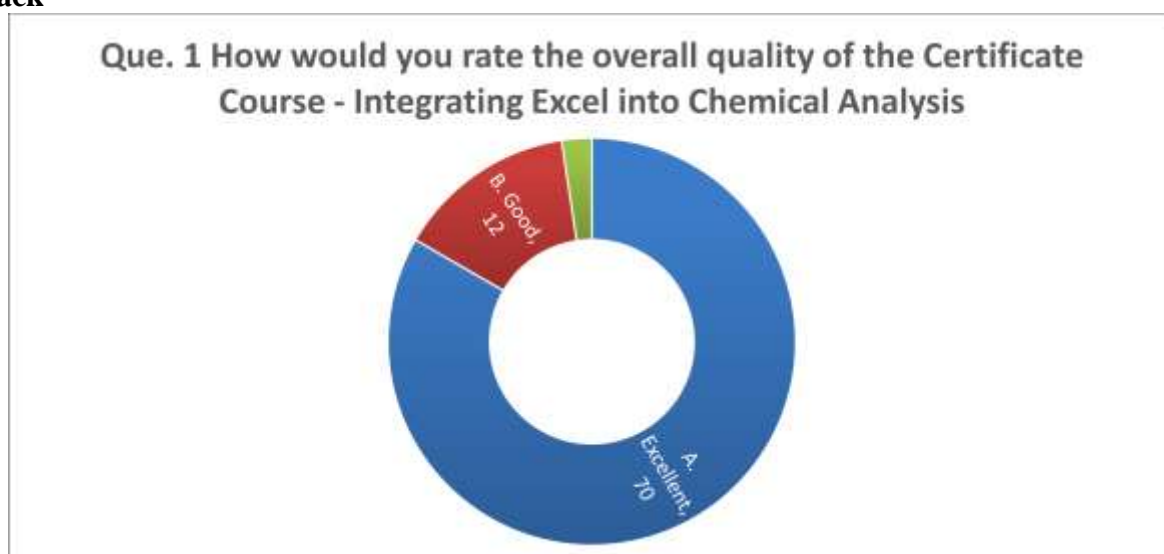
## Action Taken and Feedback On Certificate Course - Integrating Excel into Chemical Analysis

The course was conducted from January 6, 2023, to March 11, 2023, with lectures held every Thursday, Friday, and Saturday. The final examination was held on March 16, 2023, in Room C10 at 3:00 PM. Dr. Sarang Dhote coordinated the course, which took place in the Chemistry Department. Out of 92 admitted students, 88 successfully completed the course.

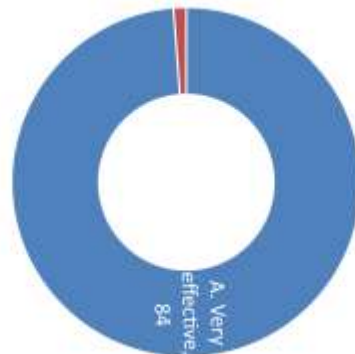
### Action Taken

The "Integrating Excel into Chemical Analysis" course provided participants with essential Excel skills tailored for chemical data analysis. The high completion rate reflects the course's effectiveness in equipping students with valuable analytical tools applicable in their professional and academic endeavors.

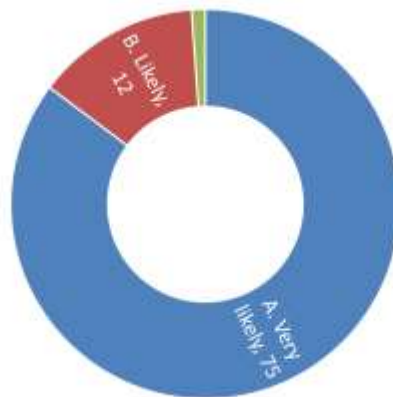
### Feedback



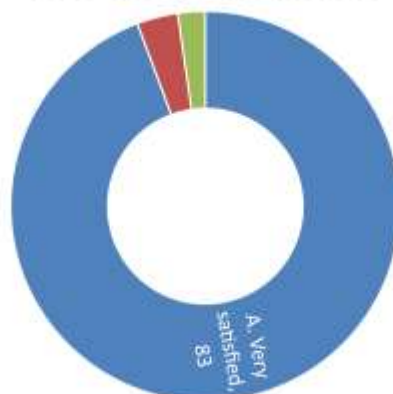
**Que. 3 How effective were the course instructors in delivering the Certificate Course - Integrating Excel into Chemical Analysis**



**Que. 4 How likely are you to recommend the Certificate Course - Integrating Excel into Chemical Analysis to others?**



**Que. 5. How satisfied are you with the practical sessions of the Certificate Course - Integrating Excel into Chemical Analysis**





**Shri Shivaji Education Society Amravati's  
Science College, Nagpur  
Department of Chemistry**

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**Notice**

**To All Students of the Certificate Course: Integrating Excel into Chemical Analysis**

This is to inform you that the theory examination for the "Integrating Excel into Chemical Analysis" course will be conducted as per the following details:

- **Date:** March 16, 2023
- **Time:** 3:00 PM
- **Venue:** Room C10

All students are required to be present at the specified venue 15 minutes before the exam time. Please ensure you bring all necessary materials and your student ID card.

For any further queries, please contact the course coordinator, Dr. Sarang S. Dhote.

Thank you.

**Course Coordinator  
Dr. Sarang S. Dhote  
Chemistry Department  
Shivaji Science College**

**Course Coordinator  
S.S.E.S.A.'s Science College  
Nagpur**

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# Sample Question Paper

Shri Shivaji Education Society Amravati's

Science College, Nagpur

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CERTIFICATE COURSE - INTEGRATING EXCEL INTO CHEMICAL ANALYSIS

THEORY EXAM

Max. Marks - 50	Marks Obtained -
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Roll No.	Sign of Invigilator
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**Note – Each Question Carry 2 Marks. All Questions Are Compulsory**

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- 1. Which Excel feature allows you to customize the layout and appearance of your workspace?**
  - A. Data Validation
  - B. Conditional Formatting
  - C. Excel Interface Customization
  - D. PivotTable
- 2. What is the primary purpose of using formulas in Excel?**
  - A. To create charts
  - B. To perform calculations
  - C. To filter data
  - D. To sort data
- 3. Which function is used to calculate the average of a range of cells in Excel?**
  - A. SUM
  - B. AVERAGE
  - C. MEDIAN
  - D. MODE
- 4. How can you remove duplicate entries from a dataset in Excel?**
  - A. Using the Filter tool
  - B. Using the Data Validation tool
  - C. Using the Remove Duplicates feature

D. Using Conditional Formatting

**5. Which of the following is NOT a descriptive statistic?**

A. Mean

B. Median

C. Standard Deviation

D. PivotTable

**6. Which Excel feature highlights important data points and trends?**

A. PivotTable

B. Conditional Formatting

C. Data Validation

D. Solver

**7. Which function checks if all conditions in a statement are TRUE?**

A. IF

B. AND

C. OR

D. NOT

**8. What is the purpose of the CORREL function in Excel?**

A. To calculate the sum of a range

B. To find the correlation between two datasets

C. To filter data

D. To validate data

**9. What does data validation in Excel help to achieve?**

A. Sorting data

B. Ensuring data integrity

C. Creating charts

D. Removing duplicates

**10. Which tool is used to summarize data in Excel?**

A. Chart Wizard

B. Solver

C. PivotTable

D. Data Validation

**11. Which chart type is most suitable for showing trends over time?**

A. Pie Chart

B. Line Chart

C. Bar Chart

D. Scatter Plot

**12. What is the purpose of adding error bars to a chart in Excel?**

A. To highlight data points

B. To display data variations

C. To create a legend

D. To filter data

**13. What is a PivotChart used for?**

A. Summarizing data in tabular form

B. Creating dynamic visualizations

C. Highlighting data trends

D. Validating data entries

**14. Which of the following is a type of trend line that can be added to an Excel chart?**

A. Linear

B. Exponential

C. Polynomial

D. All of the above

**15. Which feature allows you to dynamically adjust the data range in a chart?**

A. Slicers

B. Data Validation

C. PivotTable

D. Chart Filters

**16. Which statistical method is used for analysing the relationship between two variables?**

A. Sorting

B. Filtering

C. Regression Analysis

D. Conditional Formatting

**17. What type of analysis involves fitting a model to data points to make predictions?**

A. Descriptive Statistics

B. Regression Analysis

C. Data Validation

D. Charting

**18. Which Excel tool can be used to simulate chemical reaction processes?**

A. Solver

B. PivotTable

C. Conditional Formatting

D. Data Validation

**19. What is the benefit of using Excel for generating chemical analysis reports?**

A. It can store large datasets

B. It provides statistical analysis tools

C. It offers visualization options

D. All of the above

**20. Which feature in Excel can help model chemical kinetics?**

A. Solver

B. PivotTable

C. Chart Wizard

D. Data Validation

**21. What is the first step in preparing a dataset for analysis in Excel?**

A. Creating charts

B. Data cleaning

C. Running regression analysis

D. Applying conditional formatting

**22. Which Excel function can be used to calculate the correlation between two chemical variables?**

A. CORREL

B. SUM

C. AVERAGE

D. IF

**23. Which of the following is used to create dynamic and interactive data summaries?**

A. Scatter Plot

B. PivotTable

C. Line Chart

D. Histogram

Answer: B

**24. How can Excel help in chemical data visualization?**

A. By creating various types of charts and graphs

B. By performing data validation

C. By sorting and filtering data

D. By using conditional formatting

**25. Which Excel feature allows you to simulate and analyze complex chemical reactions?**

A. PivotTable

B. Conditional Formatting

C. Solver

D. Chart Wizard

## Answer Key

1. Answer: C
2. Answer: B
3. Answer: B
4. Answer: C
5. Answer: D
6. Answer: B
7. Answer: B
8. Answer: B
9. Answer: B
10. Answer: C
11. Answer: B
12. Answer: B
13. Answer: B
14. Answer: D
15. Answer: D
16. Answer: C
17. Answer: B
18. Answer: A
19. Answer: D
20. Answer: A
21. Answer: B
22. Answer: A
23. Answer: B
24. Answer: A
25. Answer: C

## Attendance for Examination














Shri Shivaji Education Society Amravati's  
Science College, Nagpur  
Department of Chemistry  
Certificate Course – Integrating Excel into Chemical Analysis  
Exam Attendance 16/03/2023

Roll. No.	Name of Students	Sign	Sign of Invigilator
2022001	ADROKAR TULNA DILIP	→	Tulna A S
2022002	AGNIHOTRI DEVESH MAHESH	Agas	S
2022003	ALAM ALIYA	ALAM	S
2022004	ALONE KHUSHI PRABHUDAS	Alone	S
2022005	AMBOLIKAR ISHIKA MANISH	ISHIKA	Ishika S
2022006	ARVIWALA HUZEFA KHUZEMA	Arviwala	S
2022007	BAGADE DIYA DEEPAK	Bagade	Bagade
2022008	BAGADE LEENA BABULAL	Bagade	S
2022009	BAGHEL SONAM SANTOSHKUMAR	Sonam	S
2022010	BAGHEL UMAKANTI JAGMOHAN	ABSENT	S
2022011	BAIG TASMIYA HAMID	Tasmiya	S
2022012	BARSAGADE KALASH SUDHAKAR	Barsagade	S
2022013	BAWANKULE LAXMI DEVIDAS	Laxmi →	Laxmi
2022014	BHAGAT ANURADHA ARUN	Bhagat	S
2022015	BHAISARE SEJAL SUSHIL	Sejal	S
2022016	BHAISWARE ADITYA RAJESH	Aditya	S
2022017	BHASMOTE AARADHANA RAJENDRA	Bhasmote	S
2022018	BHONGADE SNEHA MANISH	Bhonde	S
2022019	BISEN MINAL SHANKAR	Misen	S
2022020	BORSE PRANALI ANIL	Pranali	Pranali S
2022021	CHADOKAR GARIMA WAMANRAO	G. Chadokar	S
2022022	CHANNE TANISHKA PRAVEEN	Channe	S
2022023	CHATAP PAYAL RAMRAO	Payal →	Payal S

2022024	DALAL YASHREE RAJENDRA	ABSENT	S
2022025	DATIR PRANJALI ANKHALESH	P. Dable	S
2022026	DEOTALE SHRUTIKA DILIP	Shrutika	S
2022027	DESHMUKH JANHAVI VIRENDRA	Janhvi	S
2022028	DESHMUKH KHUSHI SHIVSHANKAR	ele Shrivastava	S
2022029	DESHMUKH ROHINI VINOD	R. Deshmukh	S
2022030	DESHMUKH TANVI RAJESH	Tanvi	S
2022031	DHAKATE KRUTIKA MAHESH	Krutika	S
2022032	DHENGRE PRANJAL NARESH	P. Dhangre	S
2022033	DHOK SOKSHAM NISHANT	Soksham	S
2022034	DHOLE MANJIRI ANIL	Manjiri	S
2022035	DHURVE PRANJALI KAMALDEV	P. Dhurve	S
2022036	FULKUWAR PRIYA SANTOSH	Sudakshina	S
2022037	FULZELE SUHANI SAHADEO	S	S
2022038	GAJBHIYE SWEJAL PRASHANT	S.P. Gajbhaye	S
2022039	GAJBHIYE VASUDHA VIJAY	Gajb.	S
2022040	GAUTAM LADALI PRAKASH	Gautam	S
2022041	GHADGE SIDDHANT RAMUJI	ABSENT	S
2022042	GHAYWAT YASHASHREE SANJAY	Ghaywat	S
2022043	GHORE VANUSHKA VINOD	Ghore	S
2022044	GONNADE MADHURIMA SHAILESH	Gonna	S
2022045	GUPTA MOHINI MAHENDRAKUMAR	Mohini	S
2022046	HAWARE JAYESH ATUN	Jayesh	S
2022047	HEDYATULLAH SUHANA	Suhana	S
2022048	INWATE KASHISH RAJU	K.R. Inwate	S
2022049	IRGURALA VIDYA CHANDRAIAH	Vidya	S
2022050	JAISWAL KASHISH MANOJ	Kashish	S
2022051	JAISWAL SALONI SATISH	Saloni	S



2022052	JOGANI ISHA SURAJ	Jasha	✓
2022053	JUNGHARE SANCHIT SHESHRAO	Junghare	✓
2022054	KADU UNNATI UMESH	Unnati	✓
2022055	KALAMBE SHREYA GUNWANT	SK	✓
2022056	KALE AVANI PREMDAS	Kale	✓
2022057	KAMDAR SURBHI	Kamdar	✓
2022058	KANOJIYA PIYUSH RAJESH	ABSENT	✓
2022059	KASEKAR EKTA SANJAY	Katkar	✓
2022060	KHADSE CHETANA MORESHWAR	Khadse	✓
2022061	KHARBIKAR DEVESH RAJU	Kharbikar	✓
2022062	LOKHANDE KASHISH SUHAS	Lokhande	✓
2022063	LOKHANDE YASH OMPRAKASH	Lokhande	✓
2022064	LUTE SUHANI RAMESHWAR	S. Lute	✓
2022065	MENDWADE AISHWARYA PRAKASH	Mendwade	✓
2022066	MOHANE SRUSHTI MANOJ	Mohane	✓
2022067	NAMDEO ARYAN UMASHANKAR	Namdeo	✓
2022068	NAYAK MAHEK GHANSHYAM	Nayak	✓
2022069	PAIGAMI MANISH RAJENDRA	Paigami	✓
2022070	PAIGANI MEETALI RAJENDRA	Paigani	✓
2022071	PAL VAISHNAVI VINOD	Pal	✓
2022072	PATIL ANSHUL RAVINDRA	Patil	✓
2022073	PATIL GRISHMA JAYPAL	Patil	✓
2022074	PRASAD SONAM RAMNATH	Sonam	✓
2022075	RALBANDIWAR UMARANI SANJAY	Ralbandiwar	✓
2022076	SAHU APURVA TAPAN	Sahu	✓
2022077	SAPATE PORNIMA PRABHU	P. Sapate	✓
2022078	SHAIKH ZOYA MOHAMMAD	Zoya	✓
2022079	SHRIVASTAV ANUJKUMAR	Shrivastav	✓

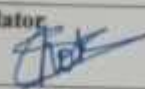
2022080	SINGH MUSKAN KUNDAN KUMAR	M. Singh	
2022081	SONTAKKE RAJVEE SAROJ	R. Sontakke	
2022082	THAKUR SHRUSHTI DEEPAKSINGH	Shrushti	
2022083	TRIVENI ANJALI DEVISHANKAR	Triveni	
2022084	UPARKAR JUEE VILAS	Juee	
2022085	VARMA RIYA JITENDRA	R. Varma	
2022086	VYAS HIMANSHU MUKESH	Himanshu	
2022087	WAHANE NIKITA VINOD	Nikita	
2022088	WAHANE PREMANSHU ANIL	Premanshu	
2022089	WAHANE TEJASVI PRAVIN	Tejasvi	
2022090	WALDE DURGA RAJU	Durga	
2022091	WANKHEDE JUHI MANOJ	J. Wankhede	
2022092	WASNIK RUTIKA VINAYAK	Rutika	

  
**Course Coordinator**  
**S.S.E.S.A.'s Science College**  
**Nagpur**

# One Solved Question Paper

RASHTRASANT TUKADOJI MAHARAJ, NAGPUR UNIVERSITY, NAGPUR  
IN COLLABORATION WITH  
SSES SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR-12  
CERTIFICATE COURSE - INTEGRATING EXCEL INTO CHEMICAL ANALYSIS  
THEORY EXAM

Max. Marks - 50	Marks Obtained - $\frac{34}{50}$
-----------------	----------------------------------

Roll No. 2022019	Sign of Invigilator 
------------------	--

Note - Each Question Carry 2 Marks. All Questions Are Compulsory

1. Which Excel feature allows you to customize the layout and appearance of your workspace?  
A. Data Validation  
 B. Conditional Formatting  
C. Excel Interface Customization  
D. PivotTable
2. What is the primary purpose of using formulas in Excel?  
A. To create charts  
 B. To perform calculations  
C. To filter data  
D. To sort data
3. Which function is used to calculate the average of a range of cells in Excel?  
A. SUM  
 B. AVERAGE  
C. MEDIAN  
D. MODE
4. How can you remove duplicate entries from a dataset in Excel?  
A. Using the Filter tool

- B. Using the Data Validation tool
- ~~C. Using the Remove Duplicates feature~~
- D. Using Conditional Formatting

✓ 5. Which of the following is NOT a descriptive statistic?

- A. Mean
- B. Median
- C. Standard Deviation
- ~~D. PivotTable~~

6. Which Excel feature highlights important data points and trends?

- A. PivotTable
- B. Conditional Formatting
- C. Data Validation

~~X~~ Solver ~~X~~

7. Which function checks if all conditions in a statement are TRUE?

- A. IF
- B. AND ~~X~~
- ~~X~~ OR
- D. NOT

✓ 8. What is the purpose of the CORREL function in Excel?

- A. To calculate the sum of a range
- ~~B. To find the correlation between two datasets~~
- C. To filter data
- D. To validate data

✓ 9. What does data validation in Excel help to achieve?

- A. Sorting data
- ~~B. Ensuring data integrity~~
- C. Creating charts
- D. Removing duplicates

✓ 10. Which tool is used to summarize data in Excel?

- A. Chart Wizard

- B. Solver
- ~~C. PivotTable~~
- D. Data Validation

✓ 11. Which chart type is most suitable for showing trends over time?

- A. Pie Chart
- ~~B. Line Chart~~
- C. Bar Chart
- D. Scatter Plot

✓ 12. What is the purpose of adding error bars to a chart in Excel?

- A. To highlight data points
- ~~B. To display data variations~~
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- D. To filter data

13. What is a PivotChart used for?

- ~~A. Summarizing data in tabular form~~ ✗
- B. Creating dynamic visualizations
- C. Highlighting data trends
- D. Validating data entries

✓ 14. Which of the following is a type of trendline that can be added to an Excel chart?

- A. Linear
- B. Exponential
- C. Polynomial
- ~~D. All of the above~~

✓ 15. Which feature allows you to dynamically adjust the data range in a chart?

- ~~A. Slicers~~
- B. Data Validation
- C. PivotTable

~~B. Chart Filters~~ ✗

✓ 16. Which statistical method is used for analyzing the relationship between two variables?

- A. Sorting

- B. Filtering
- ~~C. Regression Analysis~~
- D. Conditional Formatting

✓ 17. What type of analysis involves fitting a model to data points to make predictions?

- A. Descriptive Statistics
- ~~B. Regression Analysis~~
- C. Data Validation
- D. Charting

18. Which Excel tool can be used to simulate chemical reaction processes?

- A. Solver
- B. PivotTable
- ~~C. Conditional Formatting~~
- D. Data Validation

✓ 19. What is the benefit of using Excel for generating chemical analysis reports?

- A. It can store large datasets
- B. It provides statistical analysis tools
- C. It offers visualization options
- ~~D. All of the above~~

20. Which feature in Excel can help model chemical kinetics?

- A. Solver
- ~~B. PivotTable~~
- C. Chart Wizard
- D. Data Validation

✓ 21. What is the first step in preparing a dataset for analysis in Excel?

- A. Creating charts
- ~~B. Data cleaning~~
- C. Running regression analysis
- D. Applying conditional formatting

✓ 22. Which Excel function can be used to calculate the correlation between two chemical variables?

- ~~A. CORREL~~

B. SUM

C. AVERAGE

D. IF

✓ 23. Which of the following is used to create dynamic and interactive data summaries?

A. Scatter Plot

~~B. PivotTable~~

C. Line Chart

D. Histogram

Answer: B

✓ 24. How can Excel help in chemical data visualization?

A. By creating various types of charts and graphs

B. By performing data validation

~~C. By sorting and filtering data~~

D. By using conditional formatting

✓ 25. Which Excel feature allows you to simulate and analyze complex chemical reactions?

A. PivotTable

B. Conditional Formatting

~~C. Solver~~

D. Chart Wizard

  
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## Mark list of Exam With Grade.

**Shri Shivaji Education Society Amravati's  
Science College, Nagpur  
Department of Chemistry  
Certificate Course – Integrating Excel into Chemical Analysis**

**Theory Exam Marklist**

Roll No.	Name of Students	Theory Marks (Out of 50)	Percentage	Grade
2022001	ADROKAR TULNA DILIP	36	72	A
2022002	AGNIHOTRI DEVESH MAHESH	40	80	A
2022003	ALAM ALIYA	40	80	A
2022004	ALONE KHUSHI PRABHUDAS	40	80	A
2022005	AMBOLIKAR ISHIKA MANISH	40	80	A
2022006	ARVIWALA HUZEFA KHUZEMA	34	68	B+
2022007	BAGADE DIYA DEEPAK	32	64	B+
2022008	BAGADE LEENA BABULAL	32	64	B+
2022009	BAGHEL SONAM SANTOSHKUMAR	34	68	B+
2022010	BAGHEL UMAKANTI JAGMOHAN	Absent		
2022011	BAIG TASMIYA HAMID	38	76	A
2022012	BARSAGADE KALASH SUDHAKAR	46	92	A+
2022013	BAWANKULE LAXMI DEVIDAS	32	64	B+
2022014	BHAGAT ANURADHA ARUN	32	64	B+
2022015	BHAISARE SEJAL SUSHIL	42	84	A+
2022016	BHAISWARE ADITYA RAJESH	46	92	A+
2022017	BHASMOTE AARADHANA RAJENDRA	42	84	A+
2022018	BHONGADE SNEHA MANISH	46	92	A+
2022019	BISEN MINAL SHANKAR	34	68	B+
2022020	BORSE PRANALI ANIL	48	96	A+
2022021	CHADOKAR GARIMA WAMANRAO	34	68	B+
2022022	CHANNE TANISHKA PRAVEEN	48	96	A+
2022023	CHATAP PAYAL RAMRAO	34	68	B+
2022024	DALAL YASHREE RAJENDRA	Absent		
2022025	DATIR PRANJALI ANKHALESH	30	60	B
2022026	DEOTALE SHRUTIKA DILIP	38	76	A
2022027	DESHMUKH JANHAVI VIRENDRA	34	68	B+
2022028	DESHMUKH KHUSHI SHIVSHANKAR	34	68	B+
2022029	DESHMUKH ROHINI VINOD	36	72	A
2022030	DESHMUKH TANVI RAJESH	40	80	A
2022031	DHAKATE KRUTIKA MAHESH	34	68	B+
2022032	DHENGRE PRANJAL NARESH	34	68	B+
2022033	DHOK SOKSHAM NISHANT	46	92	A+
2022034	DHOLE MANJIRI ANIL	32	64	B+
2022035	DHURVE PRANJALI KAMALDEV	46	92	A+
2022036	FULKUWAR PRIYA SANTOSH	34	68	B+
2022037	FULZELE SUHANI SAHADEO	30	60	B
2022038	GAJBHIYE SWEJAL PRASHANT	40	80	A
2022039	GAJBHIYE VASUDHA VIJAY	34	68	B+
2022040	GAUTAM LADALI PRAKASH	38	76	A

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Roll No.	Name	Score	Grade
2022041	GHADGE SIDDHANT RAMUJI		Absent
2022042	GHAYWAT YASHASHREE SANJAY	38	76
2022043	GHORE VANUSHKA VINOD	32	64
2022044	GONNADE MADHURIMA SHAILESH	32	64
2022045	GUPTA MOHINI MAHENDRAKUMAR	40	80
2022046	HAWARE JAYESH ATUN	44	88
2022047	HEDYATULLAH SUHANA	38	76
2022048	INWATE KASHISH RAJU	46	92
2022049	IRGURALA VIDYA CHANDRAIAH	38	76
2022050	JAIHWAL KASHISH MANOJ	40	80
2022051	JAIHWAL SALONI SATISH	32	64
2022052	JOGANI ISHA SURAJ	36	72
2022053	JUNGHARE SANCHIT SHESHRAO	48	96
2022054	KADU UNNATI UMESH	36	72
2022055	KALAMBE SHREYA GUNWANT	46	92
2022056	KALE AVANI PREMDAS	42	84
2022057	KAMDAR SURBHI	40	80
2022058	KANOJIYA PIYUSH RAJESH		Absent
2022059	KASEKAR EKTA SANJAY	48	96
2022060	KHADSE CHETANA MORESHWAR	48	96
2022061	KHARBIKAR DEVESH RAJU	38	76
2022062	LOKHANDE KASHISH SUHAS	32	64
2022063	LOKHANDE YASH OMPRAKASH	46	92
2022064	LUTE SUHANI RAMESHWAR	46	92
2022065	MENDWADE AISHWARYA PRAKASH	34	68
2022066	MOHANE SRUSHTI MANOJ	32	64
2022067	NAMDEO ARYAN UMASHANKAR	32	64
2022068	NAYAK MAHEK GHANSHYAM	40	80
2022069	PAIGAMI MANISH RAJENDRA	34	68
2022070	PAIGANI MEETALI RAJENDRA	40	80
2022071	PAL VAISHNAVI VINOD	48	96
2022072	PATIL ANSHUL RAVINDRA	34	68
2022073	PATIL GRISHMA JAYPAL	38	76
2022074	PRASAD SONAM RAMNATH	40	80
2022075	RALBANDIWAR UMARANI SANJAY	40	80
2022076	SAHU APURVA TAPAN	30	60
2022077	SAPATE PORNIMA PRABHU	48	96
2022078	SHAIKH ZOYA MOHAMMAD	36	72
2022079	SHRIVASTAV ANUJKUMAR	46	92
2022080	SINGH MUSKAN KUNDAN KUMAR	44	88
2022081	SONTAKKE RAJVEE SAROJ	34	68
2022082	THAKUR SHRUSHTI DEEPAKSINGH	44	88
2022083	TRIVENI ANJALI DEVISHANKAR	36	72
2022084	UPARKAR JEE VILAS	36	72
2022085	VARMA RIYA JITENDRA	38	76
2022086	VYAS HIMANSHU MUKESH	32	64
2022087	WAHANE NIKITA VINOD	44	88
2022088	WAHANE PREMANSHU ANIL	48	96
2022089	WAHANE TEJASVI PRAVIN	30	60
2022090	WALDE DURGA RAJU	36	72

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2022091	WANKHEDE JUHI MANOJ	46	92	A+
2022092	WASNIK RUTIKA VINAYAK	38	76	A

  
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### CERTIFICATE

M<sup>rs</sup>/M<sup>s</sup> Chetana Manohar Khadke is awarded with certificate on successful completion of the course entitled, Certificate course in "Integrating Excel into Chemical Analysis".

Session 2022-23 under Add-on course conducted for 30 hours from 06/01/2023 to 11/03/2023 by Department of Chemistry, SSES's, Science College, congress Nagar, Nagpur 440012.

He/She has passed the Examination with 'A<sup>+</sup>' Grade.

**Dr. S. S. Dhote**  
Coordinator, Department of Chemistry

**Prof. M. P. Dhore**  
Principal, Science College, Nagpur