

**B. L. D. E Association's
S. B. Arts and K. C. P. Science College,
Vijayapur**



PG Department of Chemistry

**SKILL BASED VALUE ADDED COURSE
FOR
PG STUDENTS OF CHEMISTRY
(For the Academic Year 2023-24)**

**Course Name: "Training on Principles and
Handling of Major Instruments"**

(Course Code: 23PGVACHE04)

REPORT



**B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE
VIJAYAPUR
P.G. DEPARTMENT OF CHEMISTRY**



CONTENTS

Sl. No	Title
1.	Permission Letter
2.	Value Added Committee
3.	Syllabus
4.	Admission Notice
5.	List of Faculty
6.	Student Enrolment List
7.	Time Table
8.	Student Attendance
9.	Notice for Examination
10.	Question Paper
11.	Exam Attendance
12.	Result
13.	Feedback of VAC
14.	Report of VAC
15.	Outcome



B. L. D. E. ASSOCIATION'S

S. B. ARTS AND K. C. P. SCIENCE COLLEGE

BLDE New Campus, Shri B. M. Patil Road, Vijayapur-586103
Accredited with CGPA of 2.99 at 'B' Grade in 4th Cycle by NAAC
(Affiliated to Rani Channamma University, Belagavi)
Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



Date: 10-May-2024

To,
The Principal,
BLDEA's S.B.Arts and K.C.P Science College Vijayapur

Subject: Permission for conducting value added course in PG department of chemistry (Regulated Power for M.Sc. IV Sem students).

Respected Madam,

We are planning to conduct value added course entitled "**Training on Principles and Handling of Major Equipments**" for M.Sc. IV Sem students. The course will be benefitting the students to research by training them on handling major equipments. Herewith, we kindly request you to grant permission for conducting the same.

Objective:

- The main objective is make students employees of the university and affiliated colleges to understand the basic principles and handling of some major instruments found in the chemistry laboratory.
- Handling of major instruments will help the students to carry out some of the important projects during their M.Sc course.
- It will also help the students to join industries, once they complete their M.Sc programme.

Outcomes: At the end of the course the student will be able to understand and also will help the students to join industries, once they complete their M.Sc programme.

Name of the department: M.Sc Chemistry

Title of the course: Training on Principles and Handling of Major Equipments

Course code: 23PGVACHE04

Semester: IV Sem

Duration of the course: 30 Hours

Course Coordinator: Dr. Amit Teradale

Type of Assessment: Theory 30 marks and practical 20 marks (Total 50 Marks).

Thanking You.


Coordinator
Co-ordinator
P.G. Department of Chemistry
S.B.Arts & K.C.P. Science College,
Vijayapur-586101



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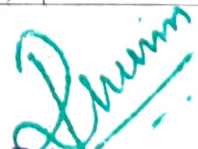
Date: 22/11/2023

NOTICE
VALUE ADDED COURSE
Academic Council Meeting 2023-24

The academic council meeting for value added course was held on 21/11/2023 at 4.00 pm in IQAC chamber. The following value added courses were approved by the committee members for the academic year 2023-24.

SL. No.	Course title	Course code	Department name	Semester
1	Regulated power supply	23UGVAPHY02	Physics(UG)	II SEM
2	Water and soil analysis	23UGVACHE02	Chemistry(UG)	II SEM
3	Sericulture	23UGVAZOO02	Zoology(UG)	II SEM
4	Web designing	23UGVABCA01	BCA(UG)	I SEM
5	Aptitude	23UGVAMAT02	Mathematics(UG)	II SEM
6	Tissue culture techniques	23UGVABOT02	Botany(UG)	II SEM
7	R-Programming	23UGVASAT06	Statistics(UG)	VI SEM
8	Fundamental of Computer hardware	23UGVACS01	Computer Science(UG)	I SEM
9	Sustainable banking and financial inclusion	23UGVAECO01	Economics(UG)	I SEM
10	Anuvad	23UGVAHIN02	Hindi(UG)	II SEM
11	Web Journalism	23UGVAJMC02	Journalism(UG)	II SEM
12	Sociology of social movements	23UGVASOC02	Sociology(UG)	II SEM
13	Introduction to epigraphy	23UGVAHIS02	History(UG)	II SEM
14	Social policy planning and development	23UGVASWK02	Social work(UG)	II SEM
15	Life skills	23UGVAEDU02	Education(UG)	II SEM
16	Folk literature and forms	23UGVAKAN02	Kannada(UG)	II SEM
17	English for interview skill	23UGVAENG02	English(UG)	II SEM
18	Sarala Sanskrit sambhashanam	23UGVASNK02	Sanskrit(UG)	II SEM
19	Training on principles and handling of major instruments	23PGVACHE04	Chemistry (PG)	IV SEM
20	Research methodology	23PGVAPHY03	Physics(PG)	III SEM
21	Computer vision using MATLAB	23PGVACS01	Computer Science (PG)	I SEM
22	Communication skills	23PGVAENG01	MA English(PG)	I SEM


IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur,


Principal,
S.B.Arts & KCP. Sc. College,
Vijayapur.



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PG DEPARTMENT OF CHEMISTRY**



The meeting of value added course committee for the academic year 2023-2024 was held on 20/05/2024 in the PG chemistry department to discuss on the agenda.

The detail information about value added course was given below

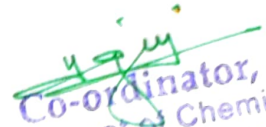
Name of the department: MSc Chemistry
Title of the course: Training on Principles and Handling of Major Equipments
Course code: 23PGVACHE04
Semester: IV SEM
Duration of the course: 30 Hours
Course Coordinator: Dr. Amit Teradale
Type of Assessment: Theory 30 marks and practical 20 mark (Total 50 Marks).

The following value added course committee members were present.

I. INTERNAL MEMBERS

Sl. NO.	Name of the member	Designation	Signature
1	Dr. R.M Mirdhe	Principal	
2	Dr. P.S.Patil	IQAC Coordinator	
3	Dr. Maheshkumar K	NAAC Coordinator	
4	Dr. Amit Teradale	Chairman and course coordinator	
5	Dr. S. N. Unki	Coordinator PG Department of Chemistry	
6	Dr. Manjunatha H.M.	Member	
7	Smt. Sushma Nidoni	Member	
8	Smt. Pallavi Jahagirdar	Member	

II. EXTERNAL MEMBER

Sl. NO.	Name of the member	Designation	Signature
1	Dr. Sanjeev kumar Giri Assistant Professor and Coordinator Department of Chemistry, KSAWU Vijayapur	Member	 Co-ordinator, Department of Chemistry Karnataka State Akkamahadevi Women's University, VIJAYAPUR-586108.

Agenda:

- 1) To discuss about introduction of value added course for M.Sc Chemistry students.
- 2) Approval of the syllabus of the value added course.

Proceeding:

- The meeting of value added course for the academic year 2023-2024 started at 11am in the presence of Principal.
- The Coordinator of PG chemistry department welcomed all the members of value added course committee.
- The meeting was started with the discussion of the agenda.
- The meeting concluded with the approval of the syllabus of value added course for the M.Sc students.
- The meeting was ended with vote of thanks by the chairman to all the members present in the meeting.


Coordinator
Co-ordinator
P.G. Department of Chemistry
S.B.Arts & K.C.P. Science College,
Vijayapur-586101


Principal
Principal,
S.B.Arts & KCP. Sc. College
Vijayapur.



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Date: 14-June-2024

**P.G. DEPARTMENT OF CHEMISTRY
Value Added Course: 2023-2024**

NOTICE

The PG Department of Chemistry is conducting value added course on
“**Training on Principles and Handling of Major Equipments**”. All the students
are hereby inform to enroll your names in the PG department of chemistry before
20th of June 2024 classes will commence on 24th of June 2024.


Coordinator
Co-ordinator

P.G.Department of Chemistry
S.B.Arts & K.C.P. Science College,
Vijayapur-586101


Principal
Principal
S.B.Arts & K.C.P. Sc. College
Vijayapur.



**B.L.D.E. ASSOCIATION'S
S.B.ARTS AND K.C.P. SCIENCE COLLEGE, VIJAYAPUR
PG DEPARTMENT OF CHEMISTRY**



SYLLABUS

Course Name: "Training on Principles and Handling of Major Instruments"

Course Code: 23PGVACHE04

Total Duration: 30 Hours

Course Contents:

- I. OBJECTIVE
- II. SCOPE
- III. SYLLABUS
- IV. DURATION OF THE COURSE
- V. EXAMINATION PATTERN
- VI. REFERENCES

I. OBJECTIVE:

The main objective is make students employees of the university and affiliated colleges to understand the basic principles and handling of some major instruments found in the chemistry laboratory. Handling of these instruments will help the students to carry out some of the important projects during their M.Sc course. It will also help the students to join industries, once they complete their M.Sc programme.

II. SCOPE:

Students, teachers and employees of the affiliated colleges and university who are interested in this course will be benefitted. The course will be initially, would be offered in the university and affiliated colleges.

III. SYLLABUS:

1. Basic principle and application of Rotary Evaporator. **5 hrs**
Principle, Instrument parts and their functions-chiller, vacuum pump, condenser, water bath. Uses of the instrument for synthetic chemists and its advantages over other conventional techniques.
2. Principle and use of UV-VIS Spectrophotometer. **5 hrs**
Principle, fundamentals of UV-VIS spectroscopy and instrumentation.
Handling of FTIR Instrument.
Introduction, instrumentation, identification of various functional groups-alkanes. Alkenes, aromatics, carboxylic acids, carbonyl compounds (aldehydes, ketones and esters).
3. Use of BOD and COD incubator. **5 hrs**
Theory, uses and applications of the COD and BOD incubator.

4. Chromatography techniques like Thin Layer Chromatography and Column Chromatography. **5 hrs**

Introduction, principles, stationary and mobile phase systems RF value calculation, techniques of development, visualization and applications. Selection of column width, length, stationary phase and mobile phase. Separation of various plant pigments and organic compounds.

PRACTICAL:

10 hrs

1. Separation of plant pigments and organic compounds using thin layer chromatography and column chromatography.
2. Recoding of IR spectra of some important organic compounds and assigning their characteristics peaks.
3. Recording of UV-VIS spectra of some fluorescent compounds.
4. Determination of BOD and COD of different water samples.
5. Isolation of caffeine from Tea powder.

IV. TOTAL DURATION OF TEACHING : 30 Hours

Theory: 20hrs and Practical: 10hrs

V. EXAMINATION PATTERN:

Theory	Practical		Total
Exam Marks	Exam Marks	Viva	
30	15	05	50

VI. REFERENCES:

1. Introduction to chromatography-theory and practice-V.K. Srivastava and K.k. Srivastava, S. Chand Company Ltd., IV Ed (1991).
2. Basic Concepts of analytical chemistry- S.M. Khopkar, New Age International Publishers, II Ed (1998).
3. Analytical Chromatography-G.R. Chatwal, Himalaya Publishing House, VII Ed (1998).
4. Introduction to Spectroscopy. Pavia, Lampman and Kriz, 3rd edition, Thomoson.
5. Spectroscopy, B.P. Straughan and S. Walker, John Wiley & Sons Inc., New York, Vol. 1 & 2, 1976.
6. Vibration Spectroscopy Theory and Applications, D. N. Satyanarayana, New Age International, New Delhi.


Co-ordinator
P.G.Department of Chemistry
S.B.Arts & K.C.P. Science College,
Vilayapur-586101


IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.


Principal,
S.B.Arts & KCP. Sc. Colleg
Vijayapur.



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PG DEPARTMENT OF CHEMISTRY**



Value Added Course: 2023-2024

List of the Faculty

Course Coordinator: Dr. Amit Teradale

Faculty Name:

1. Dr. Amit Teradale
2. Dr. Manjunatha H.M.
3. Miss. Pallavi Jahagirdar
4. Miss. Sushma Nidoni



B.L.D.E. ASSOCIATION'S
S.B.ARTS AND K.C.P. SCIENCE COLLEGE, VIJAYAPUR
PG DEPARTMENT OF CHEMISTRY
List of Students for value added course 2023-24



Students List

Sl. No	UUCMS No.	Name of the Student
01	P15KM22S032011	Rahul Siddappa Havaladar
02	P15KM22S032026	Akshata A Maranur
03	P15KM22S032027	Apeksha Shirashyad
04	P15KM22S032003	Sahebagoud Kumatagi
05	P15KM22S032006	Danamma Shiragoor
06	P15KM22S032008	Goudappagouda Basanagouda Angadageri
07	P15KM22S032004	Kaveri Ogeppa Utagi
08	P15KM22S032012	Saraswati Mathapati
09	P15KM22S032013	Rashmi Gurupad Dashyal
10	P15KM22S032014	Mahmad Zuber Teradal
11	P15KM22S032015	Ketan Chinchakhandi
12	P15KM22S032018	Pooja Nikkam
13	P15KM22S032020	Aishwarya Asangi
14	P15KM22S032022	Pratiksha Managuli
15	P15KM22S032028	Somanath Banagar
16	P15KM22S032005	Keshav Chatter
17	P15KM22S032009	Shreepadaraj G Kulakarni
18	P15KM22S032025	Vibha V Rao
19	P15KM22S032002	Shyamaray Valasang
20	P15KM22S032016	Chandrashekhar N Konnurmath
21	P15KM22S032017	Rachappa Siddappa Angadi
22	P15KM22S032021	Vaibhav Kaladagi
23	P15KM22S032023	Mahesh Halabar
24	P15KM22S032024	Laxmi Kadadevar
25	P15KM22S032001	Vidyashri Ramrao Chavan
26	P15KM22S032010	Shivani R Kokatnur
27	P15KM22S032030	Swatishree
28	P15KM22S032031	Lakshmi Mallikarjun Patil

Coordinator

Co-ordinator

P.G. Department of Chemistry
S.B.Arts & K.C.P. Science College,
Vijayapur-586101

IQAC, Co-ordinator

S.B.Arts & K.C.P.Science College,
Vijayapur.

Principal

S.B.Arts & KCP. Sc. College,
Vijayapur.



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PG DEPARTMENT OF CHEMISTRY**



Time Table for value added course 2023-24

Time Table

Theory		
Monday to Wednesday (09.30am to 10.30am)	MHM	
Thursday to Saturday (10.30am to 11.30am)	ABT	
Practical		
Saturday (3.00pm to 5.00pm)	Batch-1	PNJ
	Batch-2	SBN

1. ABT: Dr. Amit Teradale
2. MHM: Dr. Manjunatha H.M.
3. PNJ: Miss. Pallavi Jahagirdar
4. SBN: Miss. Sushma Nidoni


Coordinator
Co-ordinator
P.G.Department of Chemistry
S.B.Arts & K.C.P. Science College,
Vijayapur-586101


IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.


Principal
Principal,
S.B.Arts & KCP. Sc. College,
Vijayapur.

**B.L.D.E. Association's
S.B. Arts and K.C.P. Science College Vijayapur
P.G. Dept of Chemistry**

List of Students for value added course 2023-24 (attendance)(Theory)

Name of the Faculty: Dr. Amit Teradale

Time: 10.30am to 11.30am

Sl. No	UUCMS No.	Name of the Student	24/6/24	25/6/24	26/6/24	27/6/24	28/6/24	29/6/24	30/6/24	1/7/24	2/7/24	3/7/24	4/7/24	5/7/24
01	P15KM22S032011	Rahul Siddappa Havaladar	1	2	3	Ab	4	5	Ab	6	7	8	9	10
02	P15KM22S032026	Akshata A Maranur	1	2	3	4	5	Ab	6	7	8	9	10	
03	P15KM22S032027	Apeksha Shirashyad	1	2	3	4	5	6	7	Ab	8	9	10	
04	P15KM22S032003	Sahebagoud Kumatagi	1	2	3	4	5	6	7	8	9	10		
05	P15KM22S032006	Danamma Shiragoor	1	2	3	4	5	6	Ab	7	8	9	10	
06	P15KM22S032008	Goudappagouda Basanagouda Angadageri	1	2	3	4	5	6	7	8	9	10		
07	P15KM22S032004	Kaveri Ogeppa Utagi	1	2	3	4	5	Ab	6	7	Ab	8	9	10
08	P15KM22S032012	Saraswati Mathapati	1	2	Ab	3	4	5	6	7	8	9	10	
09	P15KM22S032013	Rashmi Gurupad Dashyal	1	2	3	4	5	6	7	8	9	10		
10	P15KM22S032014	Mahmad Zuber Teradal	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
11	P15KM22S032015	Ketan Chinchakhandi	1	2	3	4	5	6	7	8	9	10		
12	P15KM22S032018	Pooja Nikkam	1	2	Ab	3	4	Ab	5	Ab	6	7	8	9
13	P15KM22S032020	Aishwarya Asangi	1	2	3	4	5	6	7	8	9	10		
14	P15KM22S032022	Pratiksha Managuli	1	2	3	4	Ab	5	6	7	8	9	10	
15	P15KM22S032028	Somanath Banagar	1	2	3	4	5	6	7	8	9	10		
16	P15KM22S032005	Keshav Chatter	1	2	3	4	5	6	Ab	7	8	9	10	
17	P15KM22S032009	Shreepadaraj G Kulakarni	1	2	3	4	5	6	7	8	9	10		
18	P15KM22S032025	Vibha V Rao	1	2	Ab	3	4	5	Ab	6	7	8	9	10
19	P15KM22S032002	Shyamaray Valasang	1	2	3	4	Ab	5	6	7	8	9	10	
20	P15KM22S032016	Chandrashekhar N Konnurmuth	1	2	3	4	5	6	7	8	9	10		
21	P15KM22S032017	Rachappa Siddappa Angadi	1	2	3	Ab	4	5	Ab	6	7	8	9	10
22	P15KM22S032021	Vaibhav Kaladagi	1	2	3	4	Ab	5	6	7	Ab	8	9	10
23	P15KM22S032023	Mahesh Halabar	1	2	Ab	3	4	Ab	5	6	7	8	9	10
24	P15KM22S032024	Laxmi Kadadevar	1	2	3	4	5	6	7	8	9	10		
25	P15KM22S032001	Vidyashri Ramrao Chavan	1	2	3	4	5	6	Ab	7	8	9	10	
26	P15KM22S032010	Shivani R Kokatnur	1	2	3	Ab	4	5	Ab	6	7	8	9	10
27	P15KM22S032030	Swatishree	1	2	Ab	3	4	Ab	5	6	Ab	7	8	9
28	P15KM22S032031	Lakshmi Mallikarjun Patil	1	2	Ab	3	4	Ab	5	6	7	8	9	10


Co-ordinator
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P.G. Dept of Chemistry**

List of Students for value added course 2023-24 (attendance)(Theory)

Name of the Faculty: Dr. Manjunatha H.M.

Time: 09.30am to 10.30am

Sl. No	UUCMS No.	Name of the Student	24/6/24	25/6/24	26/6/24	27/6/24	28/6/24	29/6/24	30/6/24	1/7/24	2/7/24	3/7/24	4/7/24	5/7/24	6/7/24	7/7/24	8/7/24	9/7/24	10/7/24
01	P15KM22S032011	Rahul Siddappa Havaladar	1	2	3	Ab	4	5	Ab	6	7	8							
02	P15KM22S032026	Akshata A Maranur	1	2	3	4	5	Ab	6	7	8	9							
03	P15KM22S032027	Apeksha Shirashyad	1	2	3	4	5	6	7	Ab	8	9							
04	P15KM22S032003	Sahebagoud Kumatagi	1	2	3	4	5	6	7	8	9	10							
05	P15KM22S032006	Danamma Shiragoor	1	2	3	4	5	6	Ab	7	8	9							
06	P15KM22S032008	Goudappagouda Basanagouda Angadageri	1	2	3	4	5	6	7	8	9	10							
07	P15KM22S032004	Kaveri Ogeppa Utagi	1	2	3	4	5	Ab	6	7	Ab	8							
08	P15KM22S032012	Saraswati Mathapati	1	2	Ab	3	4	5	6	7	8	9							
09	P15KM22S032013	Rashmi Gurupad Dashyal	1	2	3	4	5	6	7	8	9	10							
10	P15KM22S032014	Mahmad Zuber Teradal	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab							
11	P15KM22S032015	Ketan Chinchakhandi	1	2	3	4	5	6	7	8	9	10							
12	P15KM22S032018	Pooja Nikkam	1	2	Ab	3	4	Ab	5	Ab	6	7							
13	P15KM22S032020	Aishwarya Asangi	1	2	3	4	5	6	7	8	9	10							
14	P15KM22S032022	Pratiksha Managuli	1	2	3	4	Ab	5	6	7	8	9							
15	P15KM22S032028	Somanath Banagar	1	2	3	4	5	6	7	8	9	10							
16	P15KM22S032005	Keshav Chatter	1	2	3	4	5	6	Ab	7	8	9							
17	P15KM22S032009	Shreepadaraj G Kulakarni	1	2	3	4	5	6	7	8	9	10							
18	P15KM22S032025	Vibha V Rao	1	2	Ab	3	4	5	Ab	6	7	8							
19	P15KM22S032002	Shyamaray Valasang	1	2	3	4	Ab	5	6	7	8	9							
20	P15KM22S032016	Chandrashekhar N Konnurmath	1	2	3	4	5	6	7	8	9	10							
21	P15KM22S032017	Rachappa Siddappa Angadi	1	2	3	Ab	4	5	Ab	6	7	8							
22	P15KM22S032021	Vaibhav Kaladagi	1	2	3	4	Ab	5	6	7	Ab	8							
23	P15KM22S032023	Mahesh Halabar	1	2	Ab	3	4	Ab	5	6	7	8							
24	P15KM22S032024	Laxmi Kadadevar	1	2	3	4	5	6	7	8	9	10							
25	P15KM22S032001	Vidyashri Ramrao Chavan	1	2	3	4	5	6	Ab	7	8	9							
26	P15KM22S032010	Shivani R Kokatnur	1	2	3	Ab	4	5	Ab	6	7	8							
27	P15KM22S032030	Swatishree	1	2	Ab	3	4	Ab	5	6	Ab	7							
28	P15KM22S032031	Lakshmi Mallikarjun Patil	1	2	Ab	3	4	Ab	5	6	7	8							


Co-ordinator
P.G.Department of Chemistry
S.B.Arts & K.C.P. Science College,
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IQAC, Co-ordinator
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Vijayapur.


Principal,
S.B.Arts & KCP. Sc. College.
Vijayapur.

B.L.D.E. Association's
S.B. Arts and K.C.P. Science College Vijayapur
P.G. Dept of Chemistry
List of Students for value added course 2023-24 (attendance)(Practical)

Batch-01 Time: 3.00pm to 5.00pm Name of the Faculty: Miss. Pallavi Jahagirdar							
Sl. No	UUCMS No.	Name of the Student	29/6/24	6/7/24	13/7/24	27/7/24	3/8/24
01	P15KM22S032011	Rahul Siddappa Havaladar	1	2	3	Ab	4
02	P15KM22S032026	Akshata A Maranur	1	2	3	4	5
03	P15KM22S032027	Apeksha Shirashyad	1	2	3	4	5
04	P15KM22S032003	Sahebagoud Kumatagi	1	2	3	4	5
05	P15KM22S032006	Danamma Shiragoor	1	2	3	4	5
06	P15KM22S032008	Goudappagouda Basanagouda Angadageri	1	2	3	4	5
07	P15KM22S032004	Kaveri Ogeppa Utagi	1	2	3	4	5
08	P15KM22S032012	Saraswati Mathapati	1	2	3	4	5
09	P15KM22S032013	Rashmi Gurupad Dashyal	1	2	3	4	5
10	P15KM22S032014	Mahmad Zuber Teradal	Ab	Ab	Ab	Ab	Ab
11	P15KM22S032015	Ketan Chinchakhandi	1	2	3	4	5
12	P15KM22S032018	Pooja Nikkam	1	Ab	2	3	4
13	P15KM22S032020	Aishwarya Asangi	1	2	3	4	5
14	P15KM22S032022	Pratiksha Managuli	1	2	3	4	5


Co-ordinator
P.G. Department of Chemistry,
S.B. Arts & K.C.P. Science College,
Vijayapur-586101


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S.B. Arts and K.C.P. Science College Vijayapur
P.G. Dept of Chemistry
List of Students for value added course 2023-24 (attendance)(Practical)

Batch-02 Time: 3.00pm to 5.00pm

Name of the Faculty: Miss. Sushma Nidoni

Sl. No	UUCMS No.	Name of the Student	29/6/24	6/7/24	13/7/24	22/7/24	3/08/24		
01	P15KM22S032028	Somanath Banagar	1	2	3	4	5		
02	P15KM22S032005	Keshav Chatter	1	2	3	4	5		
03	P15KM22S032009	Shreepadaraj G Kulakarni	1	2	3	4	5		
04	P15KM22S032025	Vibha V Rao	1	2	3	4	5		
05	P15KM22S032002	Shyamaray Valasang	1	2	Ab	3	4		
06	P15KM22S032016	Chandrashekhar N Konnurmath	1	2	3	4	5		
07	P15KM22S032017	Rachappa Siddappa Angadi	1	2	3	4	5		
08	P15KM22S032021	Vaibhav Kaladagi	1	2	3	4	5		
09	P15KM22S032023	Mahesh Halabar	1	2	Ab	3	4		
10	P15KM22S032024	Laxmi Kadadevar	1	2	3	4	5		
11	P15KM22S032001	Vidyashri Ramrao Chavan	1	2	3	4	5		
12	P15KM22S032010	Shivani R Kokatnur	1	2	3	4	5		
13	P15KM22S032030	Swatishree	1	2	3	Ab	4		
14	P15KM22S032031	Lakshmi Mallikarjun Patil	1	2	3	4	5		


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**B.L.D.E. ASSOCIATION'S
S.B.ARTS AND K.C.P. SCIENCE COLLEGE, VIJAYAPUR**

BLDE New Campus, Shri B. M. Patil Road, Vijayapur-586103
Accredited with CGPA of 2.99 at 'B++' Grade in 4th Cycle by NAAC
(Affiliated to Rani Channamma University, Belagavi)
Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



Date: 08-August-2024

P.G. Department of Chemistry
Value Added Course: 2023-2024

NOTICE

The PG Department of Chemistry is conducting exam (Theory and Practical) for value added course **“Training on Principles and Handling of Major Instruments”** On 12th Agust 2024, Time 10.00am to 12.00am (Theory Exam) and on 13th Agust 2024 (Practical Exam) Time 2.00pm to 6.00pm. All the students are hereby informed to attend the exam.


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Vijayapur.

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P.G. Department of Chemistry
Theory Test for value added course 2023-24

Sem: IV

Course Code: 23PGVACHE04

Date: 12-08-2024

Time: 10.00am to 12.00am

Duration: 2 hrs

I. **Answer any Six of the following questions.** **5×6=30 M**

1. Briefly explain the principle of FTIR.
2. Write a short note on vacuum pump, condenser and water bath.
3. Briefly explain the principle of column chromatography.
4. Discuss the principle of rotary evaporator.
5. Discuss the principle and uses of UV-VIS spectrophotometry.
6. Briefly discuss on mobile phase and stationary phase.
7. Explain the dynamics of chromatography.
8. Discuss the principle and instrumentation of TLC.

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P.G. Department of Chemistry
Practical Test for value added course 2023-24

Sem: IV

Course Code: 23PGVACHE04

Date: 13-08-2024

Time: 2.00pm to 4.00pm

Duration: 2 hrs

1. Record the IR and UV-Vis spectra for the given compound. **15 Marks**

Viva: 05 Marks

Total=20 Marks

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P.G. Department of Chemistry

Theory Exam for value added course 2023-24 (attendance)

Date: 12-08-2024

Time: 10.00am to 12.00am

Duration: 2 hrs

Theory Exam Attendance

Sl. No	RCU No.	Name of the Student	Signature
01	P15KM22S032011	Rahul Siddappa Havaladar	Rahul
02	P15KM22S032026	Akshata A Maranur	Amma
03	P15KM22S032027	Apeksha Shirashyad	Apeksha
04	P15KM22S032003	Sahebagoud Kumtagi	Sahebagoud
05	P15KM22S032006	Danamma Shiragoor	Danamma
06	P15KM22S032008	Goudappagouda Basanagouda Angadageri	Goudappagouda
07	P15KM22S032004	Kaveri Ogeppa Utagi	Kaveri
08	P15KM22S032012	Saraswati Mathapati	Saraswati
09	P15KM22S032013	Rashmi Gurupad Dashyal	Rashmi
10	P15KM22S032014	Mahmad Zuber Teradal	Mahmad Zuber
11	P15KM22S032015	Ketan Chinchakhandi	Ketan
12	P15KM22S032018	Pooja Nikkam	Pooja
13	P15KM22S032020	Aishwarya Asangi	Aishwarya
14	P15KM22S032022	Pratiksha Managuli	Pratiksha
15	P15KM22S032028	Somanath Banagar	Somanath
16	P15KM22S032005	Keshav Chatter	Keshav
17	P15KM22S032009	Shreepadaraj G Kulakarni	Shreepadaraj
18	P15KM22S032025	Vibha V Rao	Vibha
19	P15KM22S032002	Shyamaray Valasang	Shyamaray
20	P15KM22S032016	Chandrashekhar N Konnurmath	Chandrashekhar
21	P15KM22S032017	Rachappa Siddappa Angadi	Rachappa
22	P15KM22S032021	Vaibhav Kaladagi	Vaibhav
23	P15KM22S032023	Mahesh Halabar	Mahesh
24	P15KM22S032024	Laxmi Kadadevar	Laxmi
25	P15KM22S032001	Vidyashri Ramrao Chavan	Vidyashri
26	P15KM22S032010	Shivani R Kokatnur	Shivani
27	P15KM22S032030	Swatishree	Swatishree
28	P15KM22S032031	Lakshmi Mallikarjun Patil	Lakshmi


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P.G. Department of Chemistry
Practical Exam for Value Added Course 2023-24 (attendance)

Date: 13-08-2024

Time: 2.00pm to 4.00pm

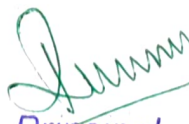
Duration: 2 hrs

Practical Exam Attendance

Sl. No	RCU No.	Name of the Student	Signature
01	P15KM22S032011	Rahul Siddappa Havaladar	Rahul
02	P15KM22S032026	Akshata A Maranur	Akshata
03	P15KM22S032027	Apeksha Shirashyad	Apeksha
04	P15KM22S032003	Sahebagoud Kumatagi	Sahebagoud
05	P15KM22S032006	Danamma Shiragoor	Danamma
06	P15KM22S032008	Goudappagouda Basanagouda Angadageri	Goudappagouda
07	P15KM22S032004	Kaveri Ogeppa Utagi	Kaveri
08	P15KM22S032012	Saraswati Mathapati	Saraswati
09	P15KM22S032013	Rashmi Gurupad Dashyal	Rashmi
10	P15KM22S032014	Mahmad Zuber Teradal	Mahmad Zuber
11	P15KM22S032015	Ketan Chinchakhandi	Ketan
12	P15KM22S032018	Pooja Nikkam	Pooja
13	P15KM22S032020	Aishwarya Asangi	Aishwarya
14	P15KM22S032022	Pratiksha Managuli	Pratiksha
15	P15KM22S032028	Somanath Banagar	Somanath
16	P15KM22S032005	Keshav Chatter	Keshav
17	P15KM22S032009	Shreepadharaj G Kulakarni	Shreepadharaj
18	P15KM22S032025	Vibha V Rao	Vibha
19	P15KM22S032002	Shyamaray Valasang	Shyamaray
20	P15KM22S032016	Chandrashekhar N Konnurmath	Chandrashekhar
21	P15KM22S032017	Rachappa Siddappa Angadi	Rachappa
22	P15KM22S032021	Vaibhav Kaladagi	Vaibhav
23	P15KM22S032023	Mahesh Halabar	M.E. Halabar
24	P15KM22S032024	Laxmi Kadadevar	Laxmi
25	P15KM22S032001	Vidyashri Ramrao Chavan	Vidyashri
26	P15KM22S032010	Shivani R Kokatnur	Shivani
27	P15KM22S032030	Swatishree	Swatishree
28	P15KM22S032031	Lakshmi Mallikarjun Patil	Lakshmi


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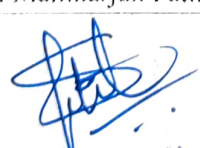
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P.G. Department of Chemistry
Marks list for value added course 2023-24

Maximum Marks: 50

Sl. No	RCU No.	Name of the Student	Marks			Signature
			Theory(30)	Practical(20)	Total(50)	
01	P15KM22S032011	Rahul Siddappa Havaladar	20	15	35	Rahul
02	P15KM22S032026	Akshata A Maranur	24	18	42	Akshata
03	P15KM22S032027	Apeksha Shirashyad	25	18	43	Apeksha
04	P15KM22S032003	Sahebagoud Kumatagi	26	19	45	Sahebagoud
05	P15KM22S032006	Danamma Shiragoor	24	19	43	Danamma
06	P15KM22S032008	Goudappagouda Basanagouda Angadageri	24	18	42	Goudappagouda
07	P15KM22S032004	Kaveri Ogeppa Utagi	23	19	42	Kaveri
08	P15KM22S032012	Saraswati Mathapati	25	18	43	Saraswati
09	P15KM22S032013	Rashmi Gurupad Dashyal	24	18	42	Rashmi
10	P15KM22S032014	Mahmad Zuber Teradal	AB	AB	AB	Mahmad
11	P15KM22S032015	Ketan Chinchakhandi	25	18	43	Ketan
12	P15KM22S032018	Pooja Nikkam	26	19	45	Pooja
13	P15KM22S032020	Aishwarya Asangi	26	18	44	Aishwarya
14	P15KM22S032022	Pratiksha Managuli	22	18	40	Pratiksha
15	P15KM22S032028	Somanath Banagar	21	17	38	Somanath
16	P15KM22S032005	Keshav Chatter	23	18	41	Keshav
17	P15KM22S032009	Shreepadaraj G Kulakarni	22	17	39	Shreepadaraj
18	P15KM22S032025	Vibha V Rao	23	16	39	Vibha
19	P15KM22S032002	Shyamaray Valasang	24	17	41	Shyamaray
20	P15KM22S032016	Chandrashekhar N Konnummath	25	18	43	Chandrashekhar
21	P15KM22S032017	Rachappa Siddappa Angadi	24	18	42	Rachappa
22	P15KM22S032021	Vaibhav Kaladagi	23	19	42	Vaibhav
23	P15KM22S032023	Mahesh Halabar	25	18	43	Mahesh
24	P15KM22S032024	Laxmi Kadadevar	23	19	42	Laxmi
25	P15KM22S032001	Vidyashri Ramrao Chavan	24	19	43	Vidyashri
26	P15KM22S032010	Shivani R Kokatnur	22	16	38	Shivani
27	P15KM22S032030	Swatishree	23	18	41	Swatishree
28	P15KM22S032031	Lakshmi Mallikarjun Patil	24	18	42	Lakshmi


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Feedback Question Analysis

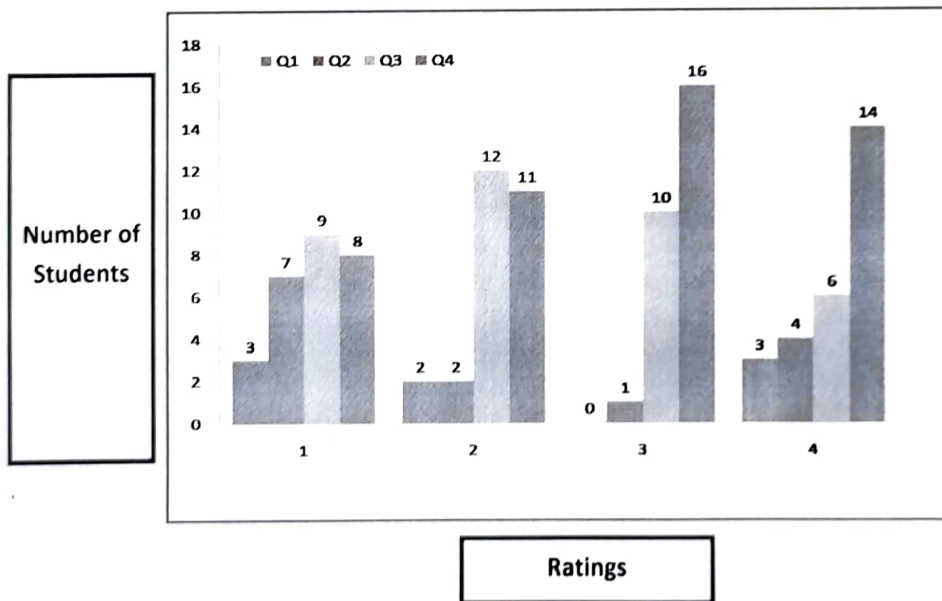
Questions Asked

Q1. Course Contents and Relevance
Q2. Organization and Conduction
Q3. Trainers Expertise
Q4. Usefulness of Course / Skill Development

Ratings

1. Satisfactory
2. Good
3. Very Good
4. Excellent

Ratings \ Questions	1	2	3	4
Q1	3	7	9	8
Q2	2	2	12	11
Q3	0	1	10	16
Q4	3	4	6	14



[Signature]
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S.B.ARTS AND K.C.P. SCIENCE COLLEGE, VIJAYAPUR
PG DEPARTMENT OF CHEMISTRY
Value added course 2023-24**



Report of Value Added Course 2023-24

Name of the Value added course	: Training on Principles and Handling of Major Equipments
Course Code	: 23PGVACHE04
Course coordinator	: Dr. Amit Teradale
Duration of the course	: 24-06-2024 to 03-08-2024
No. of hours of the course	: 30 Hours
Total no.of participants enrolled	: 28
Successfully completed	: 27
Type of assessment	: Descriptive


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P.G. Department of Chemistry

Value added course 2023-24

COURSE OUTCOME

Skill based value added course on "Training on Principles and Handling of Major Instruments" for PG Students of Chemistry for the Academic Year 2023-24.

In this course students were able to handle major instruments like Rotary Evaporator, UV-Vis Spectrometer, FTIR, Flame Photometer and they were also able to test the water by BOD and COD method.

These instruments helped to the students to carry out some of the important projects during their M.Sc course. It also helped the students to join in various industries.


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Internal Quality Assurance Cell Initiative

VALUE ADDED COURSE

Certificate

This is to certify that ~~Mr./Ms.~~ APeksha Shershyda of M.Sc chemistry
Programme Studying IVth Semester has completed the Value Added Course on
Training on principles & Handling of major Instruments. Conducted by the Department
of PG - chemistry during the Academic Year 2023 - 2024

Head of the Department

IOAC, Co-ordinator

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IOAC Co-ordinator

S.B.Arts & KCP. Sc. College,
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Principal



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Internal Quality Assurance Cell Initiative

VALUE ADDED COURSE

Certificate

This is to certify that Mr./Ms. Maresh Halabas of M.Sc Chemistry
Programme Studying IVth Semester has completed the Value Added Course on
Training on principles & Handling of major Instruments Conducted by the Department
of Pe chemistry during the Academic Year 2023-2024.

Head of the Department

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Arts & K.C.P. Science College,
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IQAC Co-ordinator

Principal,
S.B Arts & K.C.P. Sc. College
Vijayapur

Principal



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Internal Quality Assurance Cell Initiative VALUE ADDED COURSE

Certificate

This is to certify that ~~Mr./Ms.~~ Pooja Nikkam of M.Sc chemistry
Programme Studying IVth Semester has completed the Value Added Course on
Training on principles & Handling of major Instruments Conducted by the Department
of Pq chemistry during the Academic Year 2023 - 2024

Head of the Department

[Signature]
IQAC, Co-ordinator
S.B Arts & K.C.P. Science College
Vijayapur.

[Signature]
IQAC Co-ordinator

[Signature]
Principal,
S.B Arts & K.C.P. Sc. College
Vijayapur.

[Signature]
Principal



B.L.D.E. Association's

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Internal Quality Assurance Cell Initiative

VALUE ADDED COURSE

Certificate

This is to certify that Mr./~~Ms.~~ Keshav Chatter of M.Sc Chemistry

Programme Studying IVth Semester has completed the Value Added Course on

Training on principles & Handling of major Instrument Conducted by the Department
of Pq chemistry during the Academic Year 2023-2024


Head of the Department


IQAC, Co-ordinator

S.B.Arts & K.C.P.Science College,
Vijayapur.


IQAC Co-ordinator


Principal,

S.B.Arts & KCP. Sc. College,
Vijayapur.


Principal



B.L.D.E. Association's



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Internal Quality Assurance Cell Initiative

VALUE ADDED COURSE

Certificate

This is to certify that ~~Mr.~~Ms. Rashmi Dasthyal of Msc chemistry
Programme Studying IVth Semester has completed the Value Added Course on
Training on principles & handling of major Instrument Conducted by the Department
of PQ chemistry during the Academic Year 2023-2024

Head of the Department

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S.B.Arts & K.C.P.Science College,
Vijayapur.

IQAC Co-ordinator

Principal,
S.B.Arts & KCP. Sc. Coll
Vijayapur.

Principal