



R. C. Patel Educational Trust's  
**R. C. Patel Arts, Commerce and Science College**  
Shirpur-425405, Karvand Naka, Dist.- Dhule (Maharashtra)  
E-mail - principal@rcpasc.ac.in

**Affiliated to: K. B. C. North Maharashtra University, Jalgaon-425001**

## **Self Study Report (SSR): 2024 (4<sup>th</sup> Cycle)**



**Criteria - 1**  
**Curricular Aspects**

**Key Indicator - 1.2**  
**Academic Flexibility**

**Metric No. - 1.2.1 (QnM)**

**Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed during the last five years)**

**Submitted to**  
**National Assessment and Accreditation Council, Bangalore**



R. C. Patel Educational Trust's

**R. C. Patel Arts, Commerce and Science College**

Karvand Naka, Shirpur 425405, Dist - Dhule, Maharashtra

☎: (02563) 299328

E-mail: principal@rcpasc.ac.in

**President**

Hon. Bhupeshbhai Patel

**Principal**

Dr. D. R. Patil

**Date:** 15/06/2024

## Declaration

This is to declare that, the information, reports, true copies of the supporting documents, numerical data etc. submitted in these files is verified by Internal Quality Assurance Cell (IQAC) and it is correct as per the office record.

This declaration is for the purpose of NAAC accreditation of the HEI for the 4<sup>th</sup> cycle assessment period 2018-19 to 2022-23.

**Place:** Shirpur

**Date:** 15/06/2024

**Dr. Sandip P. Patil**

**IQAC Co-ordinator**

**IQAC Coordinator**

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce and Science College

Shirpur, Dist.-Dhule (M.S.) 425405



**Dr. D. R. Patil**

**IQAC Chairman & Principal**

**PRINCIPAL**

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce and Science College

Shirpur, Dist.-Dhule (M.S.) 425405



**R.C.Patel Arts, Commerce and Science College, Shirpur**  
**Value Added Courses 2022-2023**

**INDEX**

Sr. No.	Value Added Course in A.Y-2022-23	Students	Hrs.	Page No.
1.	Value Added Course on Leadership Development	50	33 Hrs.	3-15
2.	Value Added Course Mastering Modeling and Simulation:	13	30 Hrs.	16-26
3.	Value Added Course :- Disaster Management	20	30 Hrs.	27-32
4.	Value Added Course Art and Architecture in Early India	34	33 Hrs.	33-40
5.	Value Added Course in Cyber Security Course	20	30 Hrs.	41-45
6.	“Value Added Course in स्वयमरोजगारासाठी लेखन कौशल्य”	20	33 Hrs.	46-52
7.	Value Added Course भाषिक अभिव्यक्ती कौशल्य	35	33 Hrs.	53-57
8.	Value Added Course भाषांतराद्वारे विविध भाषांतील साहित्याचे व भाषिक व्यवहाराचे ज्ञान	41	30 Hrs.	58-63
9.	Value Added Course Environmental Ethics Water Resource, Management, Water Pollution and Health	441	33 Hrs.	64-90
10.	Value Added Course: Network Security	40	33 Hrs.	91-98
11.	Value Added Course: Web Development	40	35 Hrs.	99-110
12.	Value Added Course: Understanding Physics Using MATLAB	20	33 Hrs.	111-125
13.	Value Added Course in Basic Mathematics	30	32 Hrs.	126-132
14.	Value Added Course: Basic of Basic Instruments	17	33 Hrs.	133-140
15.	Value Added Course on Mushroom Technology	40	33 Hrs.	141-147
16.	Value Added Course: Understanding Politics	41	30 Hrs.	148-152
17.	Value Added Course: Indian Constitution	41	30 Hrs.	153-155
18.	Value Added Course in Vedic Mathematics	32	33 Hrs.	156-163
19.	Value Added Course Financial Literacy	20	30 Hrs.	164-170
20.	Value Added Course in Consumer Protection Laws	20	30 Hrs.	171-176
21.	Value Added Course in Child Psychology	20	30 Hrs.	177-182
22.	Value Added Course in Dynamic of Child health Development	20	30 Hrs.	183-186
23.	Value Added Course: Herbal Cosmetic Technology	37	30 Hrs.	187-194
24.	Value Added Course: Introduction to Electronics and Circuit	12	35 Hrs.	195-205

<b>25.</b>	Value Added Course in C Programing	50	33 Hrs.	206-213
<b>26.</b>	Value Added Course in अहिंदी भाषिक अभिव्यक्ती कौशल्य	35	30 Hrs.	214-219
<b>27.</b>	Value Added Course in Computer Literacy	50	33 Hrs.	220-232
<b>28.</b>	Value Added Course in Soap and Detergent Making	22	30 Hrs.	233-237
<b>29.</b>	Value Added Course in Web Development	18	30 Hrs.	238-244



**R. C. Patel Arts, Commerce and Science College,  
Shirpur**

**For all Undergraduate Students  
Value Added Course in**

**Leadershin Develonment**



**A.Y-2022-23**

**R. C. Patel Arts, Commerce & Science College, Shirpur**  
**Department of Commerce**

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**Value Added Course in Leadership Development**  
**2022-2023**

- **Objectives:**

1. To Developing personal as well as professional skills which would

- **Objectives:**

- 1) To Developing personal as well as professional skills which would further encourage development of leadership skills and enhance the career prospects of the participants.

- 2) To Significant boost to the resume with a value addition of comprehensive knowledge which would further help in gaining a competitive advantage as a future manager and leader.

- **Course outcomes:**

1. Developing key dimensions of leadership among the students

2. Students will be able to Strategic Thinking and producing innovative ideas.

3. Influencing and persuading skill enhancement through communication.

4. Action initiation, taking up responsibility and giving directions.

5. Achieving goals by implementing the plans.

## **Syllabus for the course of**

**Total Period: - 33 hrs. (Credits:-02)**

### **Unit I**

- Leadership – Basic definition, qualities of a leader.
- Trait theory and styles of leadership
- Theories on Leadership

### **Unit II**

- Motivation strategies w.r.t. motivation theories
- Emotional intelligence and its significance in the role of a leader
- Leadership and team building

### **Unit III**

- Leadership skill and conflict management
- Creative leadership. Influence on the creative potential of work groups and teams; formation of innovative climate in organizations.
- Leadership in crisis

### **Unit IV**

- Leadership w.r.t. managing a diverse workforce, cross cultural dynamics, diverse team and change
- Creating a safe and healthy work environment

### **Unit V**

- Mentoring a tool towards leadership development
- Leadership in 21th century in terms of developing women leaders, developing policies for LGBTQ community, Green management by overcoming all challenges.

### **Unit VI**

- Case Study
- Assignment on analyzing successful leaders in terms of their leadership styles, skills and success stories.

#### **References:**

1. Alis, D. (2003) the 35 hour week in France: the French exception. *Personnel Review*, 32(4): 510–525.

2. Almond, P., Clark, I., Treaskis, O. (2004) HRM in multinationals: a comparative international perspective. In: Beardwell, I., Holden, L., Claydon, T. (eds).
  3. Human Resource Management: A Contemporary Approach, 4th edition. London: FT/Prentice Hall.
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**R. C. PATEL ARTS, COMMERCE AND SCIENCE COLLEGE,  
SHIRPUR**

**Department of Commerce  
Admission form for  
Value Added Course in Leadership Development**

**PARTICULAR OF CANDIDATE**

1. Name(Surname first): *Deore Mayuri Sanjay*
2. Fathers name: *Deore Sanjay*
3. Address for Correspondence: *@ Shirpur*
4. Email-Id: *Deoremayuri@gmail.com.*
5. Mobile Number: *7020737967*
6. Nationality:
7. Date of Birth: *01/03/2003*

I hereby declare that all statements made in this application to the best of my knowledge and beliefs are true, complete and correct. I understand that in the event of any information being found false or incorrect, my admission is liable to be cancelled.

Date: *15/08/22*

Place: *Shirpur.*

*(M)Deore*

Name and sign



**R.C. Patel Arts, Commerce and Science College, Shirpur**  
**Department of Commerce**

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**Leadership Development**

**Time Table -A.Y. (2022-2023)**

<b>Date</b>	<b>Day</b>	<b>Time</b>
05/09/2022	Monday	3hrs
06/09/2022	Tuesday	3hrs
07/09/2022	Wednesday	3hrs
08/09/2022	Thursdays	3hrs
09/09/2022	Friday	3hrs
10/09/2022	Saturday	3hrs
12/09/2022	Monday	3hrs
13/09/2022	Tuesday	4hrs
14/09/2022	Wednesday	4hrs
15/09/2022	Thursdays	4hrs

**R.C. Patel Arts, Commerce and Science College, Shirpur**  
**Department of Commerce**

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**“Value Added Course in Leadership Development”**  
**Student Admitted List**  
**A.Y.22-23**

Sr. No.	Name of Student	Class
1.	Asapure Himanshu Rajesh	T.Y.B.Com
2.	Bari Hemant Bhagwan	T.Y.B.Com
3.	Bhamare Jagruti Sanjay	T.Y.B.Com
4.	Borse Pruthvi Aashish	T.Y.B.Com
5.	Deore Akshada Dipak	T.Y.B.Com
6.	Dorik Prafull Khanderao	T.Y.B.Com
7.	Girase Sumit Lotan	T.Y.B.Com
8.	Jadhav Manisha Dnyaneshwar	T.Y.B.Com
9.	Jagmalani Dharmesh Vinodkumar	T.Y.B.Com
10.	Jagtap Shruti Bhaskar	T.Y.B.Com
11.	Kadhare Prerana Kiran	T.Y.B.Com
12.	Kapade Mayur Rajendra	T.Y.B.Com
13.	Koli Priyanka Gokul	T.Y.B.Com
14.	Koli Rohit Ravindra	T.Y.B.Com
15.	Koli Tejas Jagdish	T.Y.B.Com
16.	Kumbhar Pooja Kailas	T.Y.B.Com
17.	Lohar Ganesh Narayan	T.Y.B.Com
18.	Mahajan Ruchita Sanjay	T.Y.B.Com
19.	Mali Lokesh Aadhar	T.Y.B.Com
20.	Mali Rohan Sanjay	T.Y.B.Com
21.	Marathe Mohini Rakesh	T.Y.B.Com
22.	More Harshal Suresh	T.Y.B.Com
23.	Nakwal Harshada Arun	T.Y.B.Com
24.	Patil Anita Dhudaku	T.Y.B.Com
25.	Patil Ashwini Rajendra	T.Y.B.Com
26.	Patil Chanchal Prashant	T.Y.B.Com
27.	Patil Gayatri Subhash	T.Y.B.Com
28.	Patil Hemant Sanjay	T.Y.B.Com
29.	Patil Manisha Kapurchand	T.Y.B.Com
30.	Patil Megha Vitthal	T.Y.B.Com
31.	Patil Nandini Vithal	T.Y.B.Com
32.	Patil Neha Mahendra	T.Y.B.Com
33.	Patil Prerana Aanandrao	T.Y.B.Com
34.	Patil Rushikesh Kailas	T.Y.B.Com
35.	Patil Sanika Dhanraj	T.Y.B.Com
36.	Pawar Harshada Prakash	T.Y.B.Com
37.	Rajput Monika Chunilal	T.Y.B.Com
38.	Raul Sarita Yogendrasing	T.Y.B.Com
39.	Saindane Shweta Hiralal	T.Y.B.Com
40.	Deore Mayuri Sanjay	T.Y.B.Com
41.	Shimpi Nikhil Pravin	T.Y.B.Com
42.	Vishi Jayvant Ashok	T.Y.B.Com

43.	Pawar Pruthviraj Siddharth	T.Y.B.Com
44.	Koli Tejaswini Gopichand	T.Y.B.Com
45.	Deore Diya Shantaram	T.Y.B.Com
46.	Patil Sanket Lotan	T.Y.B.Com
47.	Chaudhari Bhagyashree Nitin	T.Y.B.Com
48.	Mali Pranjal Uttam	T.Y.B.Com
49.	Patil Bhagyashri Dhanraj	T.Y.B.Com
50.	Patil Harshada Ashok	T.Y.B.Com

R.C. Patel Arts, Commerce and Science College, Shirpur  
Department of commerce

"Leadership Development"  
Student Attendance  
A.Y.22-23

Sr. No.	Name of Student	01/12/22	02/12/22	03/12/22	05/12/22	06/12/22	07/12/22	08/12/22	09/12/22	10/12/22	12/12/22	13/12/22
1.	Asapure Himanshu Rajesh	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu
2.	Bari Hemant Bhagwan	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant
3.	Bhamare Jagruti Sanjay	Jagruti	Jagruti	Jagruti	Jagruti	Jagruti	Jagruti	Jagruti	AB	Jagruti	Jagruti	Jagruti
4.	Borse Pruthvi Aashish	Pruthvi	Pruthvi	Pruthvi	Pruthvi	Pruthvi	Pruthvi	Pruthvi	Pruthvi	Pruthvi	AB	Pruthvi
5.	Deore Akshada Dipak	Akshada	Akshada	Akshada	Akshada	Akshada	Akshada	Akshada	Akshada	Akshada	Akshada	Akshada
6.	Dorik Prafull Khanderao	Dorik	Dorik	Dorik	Dorik	Dorik	Dorik	Dorik	Dorik	AB	Dorik	Dorik
7.	Girase Sumit Lotan	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	AB	Sumit	Sumit	Sumit
8.	Jadhav Manisha Dnyaneshwar	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha
9.	Jagmalani Dharmesh Vinod	Jagmalani	Jagmalani	Jagmalani	Jagmalani	Jagmalani	Jagmalani	Jagmalani	Jagmalani	Jagmalani	Jagmalani	Jagmalani
10.	Jagtap Shruti Bhaskar	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti
11.	Kadhare Prerana Kiran	Prerana	Prerana	Prerana	Prerana	Prerana	Prerana	Prerana	Prerana	Prerana	Prerana	Prerana
12.	Kapade Mayur Rajendra	Kapade	Kapade	Kapade	Kapade	Kapade	Kapade	Kapade	Kapade	Kapade	Kapade	Kapade
13.	Koli Priyanka Gokul	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	AB	Priyanka	Priyanka	Priyanka	Priyanka
14.	Koli Rohit Ravindra	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit
15.	Koli Tejas Jagdish	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas
16.	Kumbhar Pooja Kailas	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
17.	Lohar Ganesh Narayan	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
18.	Mahajan Ruchita Sanjay	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita	Ruchita
19.	Mali Lokesh Aadhar	Lokesh	Lokesh	AB	Lokesh	Lokesh	Lokesh	AB	Lokesh	Lokesh	Lokesh	AB
20.	Mali Rohan Sanjay	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan
21.	Marathe Mohini Rakesh	Mohini	Mohini	Mohini	Mohini	Mohini	Mohini	Mohini	Mohini	Mohini	Mohini	Mohini
22.	More Harshal Suresh	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	AD	Harshal	AB	Harshal
23.	Nakwal Harshada Arun	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada
24.	Patil Anita Dhudaku	Anita	Anita	Anita	Anita	Anita	Anita	Anita	Anita	Anita	Anita	Anita

25	Patil Ashwini Rajendra	APatil	APatil	APatil	APatil	APatil	APatil	APatil	APatil	APatil	APatil	APatil
26	Patil Chanchal Prashant	CPatil	CPatil	CPatil	CPatil	CPatil	CPatil	CPatil	CPatil	CPatil	CPatil	CPatil
27	Patil Gayatri Subhash	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil	GPatil
28	Patil Hemant Sanjay	HPatil	HPatil	HPatil	HPatil	HPatil	HPatil	HPatil	HPatil	HPatil	HPatil	HPatil
29	Patil Manisha Kapurchand	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil
30	Patil Megha Vitthal	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil
31	Patil Nandini Vitthal	NMPatil	NMPatil	NMPatil	NMPatil	NMPatil	NMPatil	NMPatil	NMPatil	NMPatil	NMPatil	NMPatil
32	Patil Neha Mahendra	NMPatil	NMPatil	NMPatil	NMPatil	NMPatil	NMPatil	NMPatil	NMPatil	NMPatil	NMPatil	NMPatil
33	Patil Prerana Aanandrao	PPatil	PPatil	PPatil	PPatil	PPatil	PPatil	PPatil	PPatil	PPatil	PPatil	PPatil
34	Patil Rushikesh Kailas	RPatil	RPatil	RPatil	RPatil	RPatil	RPatil	RPatil	RPatil	RPatil	RPatil	RPatil
35	Patil Sanika Dhanraj	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil
36	Pawar Harshada Prakash	HPawar	HPawar	HPawar	HPawar	HPawar	HPawar	HPawar	HPawar	HPawar	HPawar	HPawar
37	Rajput Monika Chunilal	MRajput	MRajput	MRajput	MRajput	MRajput	MRajput	MRajput	MRajput	MRajput	MRajput	MRajput
38	Raul Sarita Yogendrasing	SRaul	SRaul	SRaul	SRaul	SRaul	SRaul	SRaul	SRaul	SRaul	SRaul	SRaul
39	Saindane Shweta Hiralal	SSaindane	SSaindane	SSaindane	SSaindane	SSaindane	SSaindane	SSaindane	SSaindane	SSaindane	SSaindane	SSaindane
40	Deore Mayuri Sanjay	MDeore	MDeore	MDeore	MDeore	MDeore	MDeore	MDeore	MDeore	MDeore	MDeore	MDeore
41	Shimpi Nikhil Pravin	NShimpi	NShimpi	NShimpi	NShimpi	NShimpi	NShimpi	NShimpi	NShimpi	NShimpi	NShimpi	NShimpi
42	Vishi Jayvant Ashok	AVishi	AVishi	AVishi	AVishi	AVishi	AVishi	AVishi	AVishi	AVishi	AVishi	AVishi
43	Pawar Pruthviraj Siddharth	PPawar	PPawar	PPawar	PPawar	PPawar	PPawar	PPawar	PPawar	PPawar	PPawar	PPawar
44	Koli Tejaswini Gopichand	TKoli	TKoli	TKoli	TKoli	TKoli	TKoli	TKoli	TKoli	TKoli	TKoli	TKoli
45	Deore Diya Shantaram	DDeore	DDeore	DDeore	DDeore	DDeore	DDeore	DDeore	DDeore	DDeore	DDeore	DDeore
46	Patil Sanket Lotan	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil
47	Chaudhari Bhagyashree Nitin	BCA	BCA	BCA	BCA	BCA	BCA	BCA	BCA	BCA	BCA	BCA
48	Mali Pranjal Uttam	MMali	MMali	MMali	MMali	MMali	MMali	MMali	MMali	MMali	MMali	MMali
49	Patil Bhagyashri Dhanraj	BPatil	BPatil	BPatil	BPatil	BPatil	BPatil	BPatil	BPatil	BPatil	BPatil	BPatil
50	Patil Harshada Ashok	HPatil	HPatil	HPatil	HPatil	HPatil	HPatil	HPatil	HPatil	HPatil	HPatil	HPatil

*S. G. Pingle*  
**Dr. S. G. Pingle**  
 Head of Department  
 Commerce  
 R.C. Patel Arts, Comm. & Sci. College  
 Shirpur Dist Dhule

*R. C. Patel*  
 R.C. Patel Education  
 R.C. Patel Arts, Comm. & Sci. College  
 Shirpur, Dist Dhule 435

**R.C. Patel Arts, Commerce and Science College, Shirpur**  
**Department of commerce**  
**Sub:-Leadership Development**

**Academe year: - 2022-2023**

**Total marks:- 50**

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Q.1. Write answers of following questions. (Any 10 each question for 5marks)

- 1) Explain mentoring a tool towards leadership development.
- 2) Meaning of Leadership.
- 3) Explain motivation theories.
- 4) Significance in role of a leader.
- 5) Trait theory and styles of leadership.
- 6) Explain leadership style.
- 7) Write Skills for leader.
- 8) Write terms of developing women's leaders.
- 9) Explain safe and healthy work environment.
- 10) Explain concept of conflict management.
- 11) Explain concept of creative management.
- 12) Terms of leadership and term building.



R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College, Shirpur

[Affiliated to the K.B.C. North Maharashtra University, Jalgaon]

## STATEMENTS OF MARKS

**Value Added Course in- Leadership Development**

**Examination Held in- March-2023**

**Student Name: Deore Mayuri Sanjay**

**College Name: R.C.Patel Arts Commerce and Science College, Shirpur**

**Seat Number: VAC 21-17**

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
COM-01	Leadership Ethics	TH	100	87

**Result: Pass**

**Marks Obtained: 88**

**Grade: A**



*Y. P. S.*  
**Co-ordinator**

**Abbreviations:**

**AM:** Assessment Methods, **P:** Pass, **F:** Fail, **AB:** Absent, **RR:** Result Reserved, **TH:** Theory,

**PR:** Practical, **O:** Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Deore Mayuri Sanjay has pursued a value added course and passed the requisite examination held in March-2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Leadership Development



*[Signature]*

Course Co-ordinator

*[Signature]*

Co-ordinator

*[Signature]*

Principal

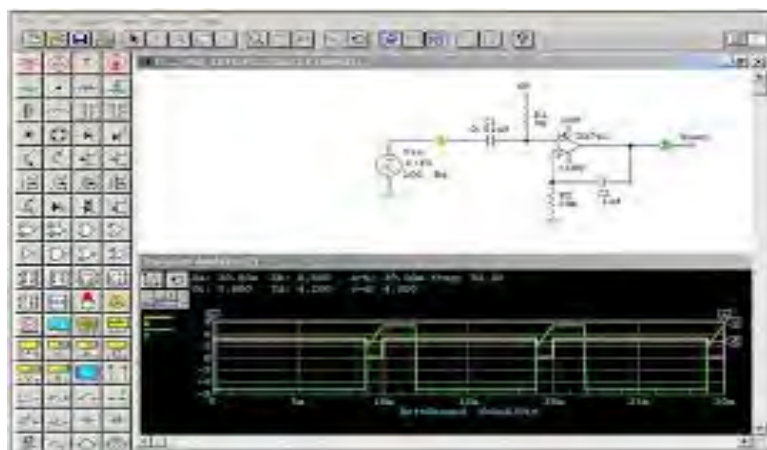
Certificate No.: 2023/22/017/C





**R. C. Patel Arts, Commerce and Science College,  
Shirpur**

**Department of Electronics & Physics**  
**Value Added Course**  
**In**  
**"Mastering Modeling and Simulation:  
Certificate Course Overview"**



## A.Y-2022-23

<b>Name of the Course</b>	<b>Mastering Modeling and Simulation: Certificate Course Overview</b>
<b>Level</b>	<b>Value Added Course</b>
<b>Duration</b>	<b>35 Hrs.</b>
<b>Course Credit</b>	<b>2</b>
<b>Eligibility</b>	<b>Undergraduate</b>
<b>Course Fee</b>	<b>Free of Cost</b>
<b>Structure</b>	<b>17 Hrs. Theory and 18 Hrs. Practical</b>
<b>Assessment</b>	<b>At the end of the course, MCQ type assessment will be the conducted with Oral performed during the course</b>
<b>Course Coordinator</b>	<b>Prof. Sajid A. Shaikh Department of Electronics Mob: 9960313209 Email: <a href="mailto:sajidsk8494@gmail.com">sajidsk8494@gmail.com</a></b>
<b>Course Convener</b>	<b>Prof. Alkesh C. Bhavsar Department of Physics Mob: 9284302167 Email: <a href="mailto:alkeshwar1993@gmail.com">alkeshwar1993@gmail.com</a></b>

## **SYLLABUS (VAC-RCPACS-ELE-02)**

### **“Mastering Modeling and Simulation: Certificate Course Overview”**

- **Objectives:**

- Understand the importance of modeling and simulation in electronic system design and analysis.
- Define key terminology related to modeling and simulation.
- Recognize the various types of models used in electronic engineering.
- Identify common simulation techniques and tools used in electronic system design.

On successful completion of the course, participants will be awarded with the "Certificate" from Department of Electronics, RCPACS College, and Shirpur.

- **Course outcomes: Students will be able to**

- Unit 1 serves as an introduction to the principles and significance of modeling and simulation in the context of electronic systems.
- Students will gain an understanding of the basic concepts, terminology, and applications of modeling and simulation.

#### **Unit 1: Introduction to Modeling and Simulation (08 hrs.)**

- 1.1 Definition of modeling and simulation.
- 1.2 Importance and applications in electronic system design, analysis, and optimization.
- 1.3 Examples illustrating the utility of modeling and simulation in real-world scenarios.

#### **Unit 2: Terminology and Concepts (09 hrs.)**

- 2.1 Explanation of terms such as model, simulation, system, input, output, etc.
- 2.2 Differentiation between deterministic and stochastic models.
- 2.3 Overview of continuous-time and discrete-time systems.

#### **Unit 3: Types of Models (09 hrs.)**

- 3.1 Introduction to different types of models: mathematical, physical, conceptual, empirical, etc.
- 3.2 Discussion on the strengths and limitations of each type of model.
- 3.3 Examples illustrating the use of different types of models in electronic system design.

#### **Unit 4: Simulation Techniques and Tools (09 hrs.)**

- 4.1 Overview of simulation techniques: continuous simulation, discrete-event simulation, Monte Carlo simulation, etc.
- 4.2 Introduction to simulation software tools commonly used in electronic engineering (e.g., SPICE, LTspice, Tinkercad Circuits).
- 4.3 Discussion on the selection criteria for simulation tools based on the nature of the system and the desired analysis.

**Activities and Assessments:** Reading Assignments: Assigned readings from textbooks and online resources covering the fundamental concepts of modeling and simulation.

**Case Studies:** Analysis of case studies demonstrating the application of modeling and simulation

in electronic system design.

• **Practical's (04):**

1. Characteristics of junction diode using PSPICE.
2. Characteristics of JFET using PSPICE.
3. Characteristics of MOSFET using PSPICE.
4. Characteristics of BJT using PSPICE.
5. Design and analyze the series and Parallel LCR circuits.

**Resources:**

1. Basic Principle of electronics by V.K Mehta for the understandings of I-V characteristics of basic electronic components.
2. Textbook: "Introduction to Modeling and Simulation of Technical and Physical Systems" by Angela Enrico
3. Online resources: Tutorials and articles on modeling and simulation concepts in electronic.

R.C.Patel Educational Trust's

## R.C.Patel Arts Commerce and Science College

Shirpur, Dist-Dhule, M.S. 425405

(NAAC Accredited Institute)

To,


The Principal

R.C.Patel Arts, Commerce and Science College,

Shirpur

Sir,

I wish to get admitted to as Students for the Wankhede Chaitali Vilas

 (wankhede chaitali  
(Name and Signature of the Candidate)

### PETICULAR OF CANDIDATE

1. Name in Full : Wankhede Chaitali Vilas
2. Address for Correspondence : Shirpur
3. Email Id : wankjede4602@gmail.com
4. Phone No/Mob.No : 8830302221
5. Father's/Husband Name : Wankhede Vilas
6. Sex(Male/Female) : Female
7. Nationality : Indian
8. Date of Birth (dd/mm/yy) : 01/06/2003
9. Put the tick ( ) mark(s) in the Appropriate box (es) Applicable in your case

SC	ST	DT	NT-1	NT-2	NT-3	SBC	OBC	Open	PH	DSP
							✓			
P.H:Physically Handicapped ; DSP :Ward of Defence Service Person										

- a) Name of the last qualified examination: F.Y.Bsc
- b) Name of Board/University: KBCNMU Jalgaon
- c) Name of the college: R.C Patel A.C.S College Shirpur
- d) Month and year of passing: June 2022

Principal subject: Computer

Subsidiary subjects: Electronics

- e) Marks obtained (out of total marks): CGPA:9.91/10

Name of the course: Mastering Modeling and Simulation: Certificate Course Overview

Name of the college: R.C Patel A.C.S College Shirpur

I hereby declare that all statements made in this application to the best of my knowledge and beliefs are true, complete and correct. I understand that in the event of any information being found false or incorrect, my admission is liable to be cancelled.

Date: 30/8/2022

Place: Shirpur

R.C.Patel Educational Trust's

## R.C.Patel Arts Commerce and Science College

Shirpur, Dist-Dhule, M.S. 425405

(NAAC Accredited Institute)

To,

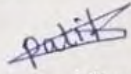
The Principal

R.C.Patel Arts, Commerce and Science College,

Shirpur

Sir,

I wish to get admitted to as Students for the \_\_ PATIL VAIBHAVI SUNIL

  
(Name and Signature of the Candidate)

### PARTICULAR OF CANDIDATE

19. Name in Full : PATIL VAIBHAVI SUNIL

20. Address for Correspondence : Shirpur

21. Email Id : patilvaibhu921@gmail.com

22. Phone No/Mob.No : 9307884748

23. Father's/Husband Name : PATIL SUNIL

24. Sex(Male/Female) : Female

25. Nationality : Indian

26. Date of Birth (dd/mm/yy) : 21/08/2003

27. Put the tick ( ) mark(s) in the Appropriate box (es) Applicable in your case

SC	ST	DT	NT-1	NT-2	NT-3	SBC	OBC	Open	PH	DSP
							✓			
P.H:Physically Handicapped ; DSP :Ward of Defence Service Person										

f) Name of the last qualified examination: F.Y.Bsc

R.C.Patel Art's Commerce and Science College Shirpur

Department of Electronics (Physics)

Value Added Course ELE-02 Students List 2022-23

Course name: Mastering Modeling and Simulation: Certificate Course Overview

Sr. No.	Names	Class
1	WANKHEDE CHAITALI VILAS	S.Y.Bsc
2	SHAIKH ARSHIN SHAIKH SAEED	S.Y.Bsc
3	DEORE ANJALI AMBARNATH	S.Y.Bsc
4	DESHMUKH DARPAN GUNWANTRAO	S.Y.Bsc
5	DALAL GOPAL MANDKISHOR	S.Y.Bsc
6	DHOLE PRADIP PRAKASH	S.Y.Bsc
7	MARATHE AKSHAY BHAUSAHEB	S.Y.Bsc
8	MORE PRACHI DILIP	S.Y.Bsc
9	PATIL DIVYAM JAGDISH	S.Y.Bsc
10	PATIL HITESH CHANDRAKANT	S.Y.Bsc
11	PATIL TUSHAR VASUDEV	S.Y.Bsc
12	SHIRSATH PRASAD ANANDRAO	S.Y.Bsc
13	PATIL VAIBHAVI SUNIL	S.Y.Bsc

*Sybauha*  
**Head**  
Department Of Electronics  
R.C.Patel Arts,Com.& Sci.College  
Shirpur,Dist.Dhule



R.C. Patel Arts, Commerce & Science College Shirpur  
 Department of Electronics (Physics)  
 Attendance of Value Added Course  
 Mastering Modelling and Simulation: Certificate Course Overview  
 A.Y.-2022-23

Theory

Sr. No.	Name	02/09	09/09	16/09	23/09	30/09	07/10	14/10	21/10	28/10	04/11	11/11	18/11	05/12	12/12	19/12	26/12
1	WANKHEDE CHAITALI VILAS	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2	SHAIKH ARSHIN SHAIKH SAEED	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS	SSSS
3	DEORE ANJALI AMBARNATH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	DESHMUKH DARPAN GUNWANTRAO	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5	DALAI GOPAL NANDKISHOR	D.G.N	D.G.N	D.G.N	D.G.N	D.G.N	D.G.N	D.G.N	D.G.N	D.G.N	D.G.N	D.G.N	D.G.N	D.G.N	D.G.N	D.G.N	D.G.N
6	DHOLE PRADIP PRAKASH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7	MARATHE AKSHAY BHAUSAHEB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8	MORE PRACHI DILIP	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9	PATIL DIVYAM JAGDISH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10	PATIL HITESH CHANDRAKANT	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11	PATIL TUSHAR VASUDEV	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
12	SHIKSATH PRASAD ANANDRAO	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
13	PATIL VAIBHAVI SUNIL	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB

(Course co-ordinator)  
 (S.A. Shaikh)



(Dr. S.G. Bakhav)  
 Head of Department

R.C Patel Arts, Commerce & Science College Shirpur  
 Department of Electronics (Physics)  
 Attendance of Value Added Course  
 Mastering Modelling and Simulation: Certificate Course Overview  
 A.Y-2022-23

Practical

Sr. No.	Name	23/02	30/02	06/03	13/03	20/03	27/03	03/04	10/04	17/04	24/04	03/05	10/05	17/05	24/05	31/05
1	WANKHEDE CHAITALI VIJAS	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2	SHAIKH ARSHIN SHAIKH SAIED	SOSI	SOSI	SOSI	SOSI	SOSI	SOSI	SOSI	SOSI	SOSI	SOSI	SOSI	SOSI	SOSI	SOSI	SOSI
3	DEORE ANJALI AMBARWATH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	DESHMUKH DARRAN GUNWANTRAO	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5	DALAL GOPAL NANDKISHOR	DGN	DGN	DGN	DGN	DGN	DGN	DGN	DGN	DGN	DGN	DGN	DGN	DGN	DGN	DGN
6	DHOLE PRADIP PRAKASH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7	MARATHE AKSHAY BHAUSAHEB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8	MORE PRACHI DILIP	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9	PATIL DIVYAM JAGDISH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10	PATIL HITESH CHANDRAKANT	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11	PATIL TUSHAR VASUDEV	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
12	SHIRSATI PRASAD ANNANDRAO	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
13	PATIL VAIBHAVI SUNIL	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB



(S.A. Sharkh)

Head of Department  
 (Dr. S.G. Bodhew)



R. C. Patel Educational Trust's

**R. C. Patel Arts, Commerce & Science College, Shirpur**

[Affiliated to the K.B.C. North Maharashtra University, Jalgaon]

## STATEMENTS OF MARKS

**Certificate Course in- Circuit Simulation and Modelling**

**Examination Held in- April-2023**

**Student Name: Patil Vaibhavi Sunil**

**College Name: R.C.Patel Arts Commerce and Science College, Shirpur**

**Seat Number: VAC 22-12**

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
ELE-02	Circuit Simulation and Modelling	TH	50	47
ELE-04	Circuit Simulation and Modelling	PT	50	48

**Result: Pass**

**Marks Obtained: 95**

**Grade: O**



*Handwritten signature*  
**Co-ordinator**

**Abbreviations:**

**AM:** Assessment Methods, **P:** Pass, **F:** Fail, **AB:** Absent, **RR:** Result Reserved, **TH:** Theory,

**PR:** Practical, **O:** Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Patil Vaibhavi sunil has pursued a value added course and passed the requisite examination held in April -2023 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Circuit simulation and Modelling



*Patil's*

Course Co-ordinator

*Patil*

Co-ordinator

*Patil*

Principal

Certificate No.: 2023/22/012/5

**R.C.Patel Art's Commerce and Science College, Shirpur**  
**Dept. of Defense Studies**  
**Value Added Course In Disaster Management**

**Aim-**

This course aims to raise the level of awareness and preparedness as well as to enhance analytical skills and professional competencies of different key stakeholders in various areas of Disaster Risk Management.

**Objectives:**

- ✓ To professionalizes disaster risk reduction and emergency management in India by developing an independent cadre of professionally trained emergency and mitigation managers.
- ✓ To promote formal training and education for disaster management in India and in theregion.

**Courses contents: with Credit –one (Fifteen Hoarse)**

**Topics**

1. Understanding Disasters and Disaster Management
2. Disaster Health care management
3. Disaster Trends
4. Geological Disasters
5. Hydro-Meteorological Disasters
6. Dos' and Don'ts' For Various Hazards/Disasters
7. Differential Impact of Disasters on Women and Men
8. Engendering Disaster Management
9. Empowering Women and Men in Disaster Risk Management
10. Village Disaster Management Plan

**Duration of the course:** One week

**Timing of the course:** Two Houses a day.

**Eligibility Criteria:** For BA Student.

**Resource persons:**

- Dr.R.S.Pawar
- Dr.B.H.Patil

**Feedback – Orally**

**List reference books:**

1. Disaster Management by G.K. Ghosh
2. Emergency Medical Services And Disaster Management: A Holistic Approach  
by  
P.K. Dave
3. Disaster Management - Recent Approaches by Arvind Kumar
4. Textbook of Preventive and Social Medicine by Mahajan & Gupta
5. Textbook of Community Medicine by Dr Sunder Lal, Dr Adarsh and Dr Pankaj
6. K. Park, Park's Textbook of preventive and social medicine.

**Criteria for completion –**

The student must have attended at least 80% of the lectures and completed all the assignment

## Admission Form

R.C.Patel Educational Trust's

R.C.Patel Arts Commerce and Science College Shirpur, Dist-Dhule, M.S. 425405

To,  
The Principal  
R.C.Patel Arts, Commerce and Science College, Shirpur  
Sir,



I wish to get admitted to as Students for the -  
**Value Added course on Disaster Management**  
Academic Year - 2022-2023  
**PETICULAR OF CANDIDATE**

1	Name in Full (Surname First)	:	Bhoi Dipali Suresh
2	Father/Husband Name	:	Bhoi Suresh Manga
3	Mother Name	:	Latabai Bhoi
4	Address for Correspondence	:	A/P. Varul. Tal. Shirpur
5	Mob. No.	:	94 20 26 12 43
6	Email Id	:	dipalibhoi1243@gmail.com
7	Date of Birth	:	7/5/2003
8	Place of Birth	:	Varul, Tal. Shirpur.
9	Category	:	N.T.
10	Family Annual Income	:	60,000/-
11	Last qualified examination	:	FYBT.
12	Marks obtained (out of total marks)	:	PASS

I hereby declare that all statements made in this application to the best of my knowledge and beliefs are true, complete and correct. I understand that in the event of any information being found fould of incorrect, my admission is able to be cancelled.

Date: 12-7-2022

Signature - D.S. Bhoi

Place: Shirpur

Name of Student - Dipali Suresh Bhoi.

**Value Added Course Dept. Of Defence Studies  
Year of Course 2022-2023**

**Course Name:-Disaster Management**

**Value Added Course Student Attendance with Signature**

Sr. No.	Student Name	Signature of Beneficial Student						
		19/9/2022	20/9/2022	21/9/2022	22/9/2022	23/9/2022	24/9/2022	25/9/2022
1	Bhoi Dipali Suresh	Bhoi DS	Bhoi DS	Bhoi DS	Bhoi DS	Bhoi DS	Bhoi DS	Bhoi DS
2	Deore VIVEK Arvind	DD	DD	DD	DD	DD	DD	DD
3	Vishal Pawar	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal
4	Pradip Pawar	Pradip	Pradip	Pradip	Pradip	Pradip	Pradip	Pradip
5	Changare Rohan	Changare	Changare	Changare	Changare	Changare	Changare	Changare
6	Shirsat Ashvin	Ashvin	Ashvin	Ashvin	Ashvin	Ashvin	Ashvin	Ashvin
7	Someshwar Koli	Someshwar	Someshwar	Someshwar	Someshwar	Someshwar	Someshwar	Someshwar
8	Rameshwar	Ram	Ram	Ram	Ram	Ram	Ram	Ram
9	Ramlal Pathak	Rathak	Rathak	Rathak	Rathak	Rathak	Rathak	Rathak
10	Girase Tushar	Girase	Girase	Girase	Girase	Girase	Girase	Girase
11	Bhushan.k.k.	B.k.k.	B.k.k.	B.k.k.	B.k.k.	B.k.k.	B.k.k.	B.k.k.
12	Nillesh mali	N.mali	N.mali	N.mali	N.mali	N.mali	N.mali	N.mali
13	Suresh Koli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli
14	Karan Yisay	Karady	Karady	Karady	Karady	Karady	Karady	Karady
15	bagul vikas	gkuli	gkuli	gkuli	gkuli	gkuli	gkuli	gkuli
16	Patil Harshada	Patil	Patil	Patil	Patil	Patil	Patil	Patil
17	Pawar Gauri Dilip	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
18	Pawar Saraswati dadasing	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
19	Uday Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
20	Mohit Kulkarni	Mkohit	Mkohit	Mkohit	Mkohit	Mkohit	Mkohit	Mkohit

*R.S.P.*  
Coordinate  
Dr.R.S.pawar



*Dr. R. Patil*  
Principal,  
Dr.D.R.Patil





R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College, Shirpur

[Affiliated to the K.B.C. North Maharashtra University, Jalgaon]

## STATEMENTS OF MARKS

**Value Added Course in- Disaster Management**

**Examination Held in- March-2023**

**Student Name: Bhoi Dipali Suresha**

**College Name: R.C.Patel Arts Commerce and Science College, Shirpur**

**Seat Number: VAC 23-015**

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
DEF-01	Disaster Management	TH	50	40
DEF-02	Disaster Management	PT	50	49

**Result: Pass**

**Marks Obtained: 89**

**Grade: A**



*Y. P. S.*  
**Co-ordinator**

**Abbreviations:**

**AM:** Assessment Methods, **P:** Pass, **F:** Fail, **AB:** Absent, **RR:** Result Reserved, **TH:** Theory,

**PR:** Practical, **O:** Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Bhoi Dipali Suresh has pursued a value added course and passed the requisite examination held in March-2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**  
Disaster Management



  
Course Co-ordinator

  
Co-ordinator

  
Principal

Certificate No.: 2023/04/015/A.



**R. C. Patel Educational Trust's**

**R. C. Patel Art's Commerce & Science College, Shirpur  
NAAC Re-Accredited with Grade B++ (CGPA 2.94)**


## Department OF History

### ❖ Syllabus for Value Added Courses

<b>Course Code</b>	<b>HIS.VAC.02</b>
<b>Title of the Course:</b>	<b>'Art and Architecture in Early India'</b>
Duration	33 Hours
Course Outcomes	<ol style="list-style-type: none"> <li>1. Student will understand over all process of Art and Architecture in Early India.</li> <li>2. Student will get the knowledge about scope and the fact of Art and Architecture in Early India.</li> <li>3. The students will enable to understand about legal and commercial framework of Art and Architecture in Early India.</li> </ol>
Course Objectives	<ol style="list-style-type: none"> <li>1. To understand the introduction of Art and Architecture in Early India to the Students</li> <li>2. To get an Opportunity to seek self-employment to the students</li> <li>3. The paper intends to strengthen the understanding of cultural history through the study of forms, techniques, and growth of Indian art and architecture.</li> </ol>
<b>Units</b>	
<b>I</b>	<b>Unit-I: Early Indian Art and Architecture (10 Hours)</b> <ol style="list-style-type: none"> <li>i. Mauryan art and architecture: Northern India, Eastern India</li> <li>ii. Sunga-Satavahana period art and architecture: Northern India, Eastern India, Western India, South India</li> <li>iii. Saka-Kushana art and architecture: Mathura School, Gandhara School, Amaravati School</li> </ol>
<b>II</b>	<b>Unit-II: Classical Indian Art and Architecture</b>

	(10 Hours)
	i. Gupta art: Mathura style, Sarnath style ii. Vakataka art iii. Early Chalukya art
<b>III</b>	<b>Unit- III: Late Classical Indian Art and rchitecture.</b> (10 Hours)
	i. Rashtrkuta Art ii. Gurjara-Pratihara art iii. Pallava art iv. Pala art
<b>Reference Books</b>	
<b>Recommended Texts books and Reference Books</b>	<b>English :</b> <ol style="list-style-type: none"> <li>1. Brown, Percy, <i>Indian Architecture Buddhist and Hindu period</i>, Vol. I Bombay 1959</li> <li>2. Deglurkar, G.B., <i>Temple Architecture and sculpture in Maharashtra</i>, Nagpur, 1974</li> <li>3. Dhawalikar M.K. <i>Late Hinayan caves of Western India</i>, Deccan College Post Graduate and Research Institute Pune, 1984.</li> <li>4. Nagaraju, S., <i>Buddhist Architecture of Western India</i>, Agamkala Prakashan, Delhi, 1981</li> <li>5. Pramod Chandra, <i>On the Study of Indian Art</i>, Horward University Press, Cambridge, 1983.</li> <li>6. Saraswati, S. K., <i>A Survey of Indian Sculpture</i>, Calcutta, 1957</li> <li>7. Sarkar, H., <i>Studies in Early Buddhist Architecture of India</i>, Mumbai, 1966</li> <li>8. Saundarrajan, K.V., <i>The Cave Temples of the Deccan</i>, Archeological Survey of India, 1881, New Delhi</li> <li>9. Spink, Walter M., <i>Art of South India/ Deccan</i>, Delhi 1980</li> </ol> <b>Marathi :</b> <ol style="list-style-type: none"> <li>1. Mate, M.S, <i>Prachin Bharatiya Kala</i>, Pune</li> <li>2. Upadyaya, B. S., <i>Bhartiy Kala ka Itihas</i>, Peoples Publishing House</li> </ol>

**Hade of Department**  
(Dr. Ramesh D. Jadhav)

  
**Principal**  
(Dr. D. R. Patil)





R. C. PATEL ARTS, COMMERCE AND SCIENCE COLLEGE, SHIRPUR  
**Department of History**  
Admission form for  
Value Added Course in 'Art and Architecture in Early India'

PARTICULAR OF CANDIDATE

1. Name(Surname first): PAWARA VISHAL JERMA
2. Fathers name: PAWARA JERMA KOTAWAL
3. Address for Correspondence: At - Dhavativihir  
Post - Ambe Tal - Shirpur Dist - Dhule
4. Email-Id: pawarav799@gmail.com
5. Mobile Number: 7666135865
6. Nationality: Indian
7. Date of Birth: 09/06/2003

I hereby declare that all statements made in this application to the best of my knowledge and beliefs are true, complete and correct. I understand that in the event of any information being found false or incorrect, my admission is liable to be cancelled.

Date: 01/09/

Place:



*V Pawara*  
Pawara Vishal Jerma  
Name and sign



R. C. Patel Educational Trust's  
**R. C. Patel Arts, Commerce & Science College, Shirpur**  
 NAAC Re-accredited with Grade B++ (CGPA 2.94)  
 Department of History

Sub: Value Added Course on 'Art and Architecture in Early India'  
 Name of the Teacher: Dr. Ramesh D. Jadhav

A.Y. 2022-2023

Class: S.Y.B.A.  
 Date:

Sr.No	Students Name	Dates	Dates	Dates	Dates	Dates	Dates	Dates	Dates	Dates	Dates	Dates	Dates
1.	BAGWAN SAHIL YUSUF	24/10/23	01/11/23	08/11/23	09/11/23	15/11/23	14/11/23	15/11/23	20/11/23	21/11/23			
2.	BHIL DIPAK BAPU	24/10/23	01/11/23	08/11/23	09/11/23	15/11/23	14/11/23	15/11/23	20/11/23	21/11/23			
3.	KADHARE RUPALI DADABHAI	24/10/23	01/11/23	08/11/23	09/11/23	15/11/23	14/11/23	15/11/23	20/11/23	21/11/23			
4.	KOLI RAJESH PANDURANG	24/10/23	01/11/23	08/11/23	09/11/23	15/11/23	14/11/23	15/11/23	20/11/23	21/11/23			
5.	MALI ASHWINI RAJU	24/10/23	01/11/23	08/11/23	09/11/23	15/11/23	14/11/23	15/11/23	20/11/23	21/11/23			
6.	PARADAKE PRADIP DINA	24/10/23	01/11/23	08/11/23	09/11/23	15/11/23	14/11/23	15/11/23	20/11/23	21/11/23			
7.	PARADAKE YOGESH FIJAJI	24/10/23	01/11/23	08/11/23	09/11/23	15/11/23	14/11/23	15/11/23	20/11/23	21/11/23			
8.	PATIL RUPALI BHANUDAS	24/10/23	01/11/23	08/11/23	09/11/23	15/11/23	14/11/23	15/11/23	20/11/23	21/11/23			
9.	PAWARA AJAY RAMDAS	24/10/23	01/11/23	08/11/23	09/11/23	15/11/23	14/11/23	15/11/23	20/11/23	21/11/23			
10.	PAWARA BHAVSAR PRATAP	24/10/23	01/11/23	08/11/23	09/11/23	15/11/23	14/11/23	15/11/23	20/11/23	21/11/23			
11.	PAWARA DINESH BHAGWAN	24/10/23	01/11/23	08/11/23	09/11/23	15/11/23	14/11/23	15/11/23	20/11/23	21/11/23			
12.	PAWARA JAGDISH IMARU	24/10/23	01/11/23	08/11/23	09/11/23	15/11/23	14/11/23	15/11/23	20/11/23	21/11/23			
13.	PAWARA MUKESH GENDARAM	24/10/23	01/11/23	08/11/23	09/11/23	15/11/23	14/11/23	15/11/23	20/11/23	21/11/23			
14.	PAWARA PALLAVI BHARAT	24/10/23	01/11/23	08/11/23	09/11/23	15/11/23	14/11/23	15/11/23	20/11/23	21/11/23			

02



R. C. Patel Educational Trust's  
**R. C. Patel Arts, Commerce & Science College, Shirpur**  
 NAAC Re-accredited with Grade B++ (CGPA 2.94)  
 Department of History

Sub: Value Added Course on 'Art and Architecture in Early India'  
 Name of the Teacher: Dr. Ramesh D. Jadhav

A.Y. 2022-2023

Class: S.Y.B.A.  
 Date: 10/1/2023 to 20/08/2023

Sr.No	Students Name	Dates	Dates	Dates	Dates	Dates	Dates	Dates	Dates	Dates	Dates
1.	BAGWAN SAHIL YUSUF	02/01/23	03/10/23	02/01/23	02/01/23	10/10/23	11/10/23	16/10/23	17/10/23	18/10/23	23/10/23
2.	BHIL DIPAK BAPU	02/01/23	03/10/23	02/01/23	02/01/23	10/10/23	11/10/23	16/10/23	17/10/23	18/10/23	23/10/23
3.	KADHARE RUPALI DADABHAI	02/01/23	03/10/23	02/01/23	02/01/23	10/10/23	11/10/23	16/10/23	17/10/23	18/10/23	23/10/23
4.	KOLI RAJESH PANDURANG	02/01/23	03/10/23	02/01/23	02/01/23	10/10/23	11/10/23	16/10/23	17/10/23	18/10/23	23/10/23
5.	MALI ASHWINI RAJU	02/01/23	03/10/23	02/01/23	02/01/23	10/10/23	11/10/23	16/10/23	17/10/23	18/10/23	23/10/23
6.	PARADAKE PRADIP DINA	02/01/23	03/10/23	02/01/23	02/01/23	10/10/23	11/10/23	16/10/23	17/10/23	18/10/23	23/10/23
7.	PARADAKE YOGESH FULAJI	02/01/23	03/10/23	02/01/23	02/01/23	10/10/23	11/10/23	16/10/23	17/10/23	18/10/23	23/10/23
8.	PATIL RUPALI BHANUDAS	02/01/23	03/10/23	02/01/23	02/01/23	10/10/23	11/10/23	16/10/23	17/10/23	18/10/23	23/10/23
9.	PAWARA AJAY RAMDAS	02/01/23	03/10/23	02/01/23	02/01/23	10/10/23	11/10/23	16/10/23	17/10/23	18/10/23	23/10/23
10.	PAWARA BHAVSAR PRATAP	02/01/23	03/10/23	02/01/23	02/01/23	10/10/23	11/10/23	16/10/23	17/10/23	18/10/23	23/10/23
11.	PAWARA DINESH BHAGWAN	02/01/23	03/10/23	02/01/23	02/01/23	10/10/23	11/10/23	16/10/23	17/10/23	18/10/23	23/10/23
12.	PAWARA JAGDISH IMARU	02/01/23	03/10/23	02/01/23	02/01/23	10/10/23	11/10/23	16/10/23	17/10/23	18/10/23	23/10/23
13.	PAWARA MIKESH GENDARAM	02/01/23	03/10/23	02/01/23	02/01/23	10/10/23	11/10/23	16/10/23	17/10/23	18/10/23	23/10/23
14.	PAWARA PALLAVI BHARAT	02/01/23	03/10/23	02/01/23	02/01/23	10/10/23	11/10/23	16/10/23	17/10/23	18/10/23	23/10/23

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15.	PAWALA PRIYI DIHARMSING	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
16.	PAWARA RAKESH RADHESHYAM	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
17.	PAWARA ROHIT GUDDA	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
18.	PAWARA SARASWATI DIHARASING	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
19.	PAWARA SAWASWATI RAMESH	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
20.	PAWARA SHITAL AAMIJAL	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
21.	PAWARA SUDAM BABULAL	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
22.	PAWARA SUKRAM SAIMA	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
23.	PAWARA VIKAS DOKLA	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
24.	PAWARA VIKKY MANGILAL	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
25.	PAWARA VISHAL JERMA	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
26.	PINJARI ARBAJ ASHPAK	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
27.	RAJPUT MAHIMA VIJAY	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
28.	SONAWANE DIKSHITA GUL ABRAO	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
29.	SONAWANE RAKESH DIHARMENDRA	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
30.	TADVI DIPALI RAJKUMAR	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
31.	THAKARE KRISHNA GOKUL	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
32.	VALVI SURESH RATNYA	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
33.	PAWARA NILESH OMASIA	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
34.	VALVI SACHIN MANGESH	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten

Sign. of Sub. Teacher

Head of Dept.

Principal







R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College, Shirpur

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## STATEMENTS OF MARKS

Value Added Course in- Art and Architecture in Early India

Examination Held in- April-2023

Student Name: Bhagvan Shahil Usuf

College Name: R.C.Patel Arts Commerce and Science College, Shirpur

Seat Number: VAC 24-13

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
HIS-02	Art and Architecture in Early India	TH	100	80

Result: Pass

Marks Obtained: 80

Grade: A



Co-ordinator

**Abbreviations:**

AM: Assessment Methods, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, TH: Theory,  
PR: Practical, O: Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Bagvan sahil usuf has pursued a value added course and passed the requisite examination held in April-2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Art and Architecture in Early India



  
Course Co-ordinator

  
Co-ordinator

  
Principal

Certificate No.: 2023/24/013/A

**R.C.Patel Art's Commerce and Science College, Shirpur**  
**Value Added Course Dept. Of Defense Studies**  
**Academic Year -2022-2023**  
**Cyber Security Course**

**Aim-**

The Goal of cyber security is to ensure storage, control access, and prevent unauthorized processing, transfer, or deletion of data. It safeguards the confidentiality, integrity and availability of Information.

**OBJECTIVES**

- ✓ To exhibit knowledge to secure corrupted systems, protect personal data, and secure computer networks in an organization
- ✓ To understand principles of web security and to guarantee a secure network by monitoring and analyzing the nature of attacks through cyber/computer forensics software/tools.
- ✓ To understand cybercrime management standards, guidelines and procedures as well as the implementation and governance of these activities

**Courses contents: with Credit** – one Week

**Duration of the course:** One week 30 Hours

**Syllabus**

1. **UNIT I Definition** – Crime, Cyber Crime, Information Security, Digital Forensics – Conventional Crime Vs. Cyber Crime - Uniqueness of Cyber Crime – History of Cyber Crimes.
  2. **UNIT II Forms of Cyber Crimes** – Hacking – types of hacking, hackers, Cracking, Dos, DDos, Cyber Bullying, Cyber Stalking, Pornography, Phishing, Intellectual Property Theft, Data Theft, Dada diddling, malwares, steganography, salami attacks, ATM and Credit card frauds, Telecom Frauds
  3. **UNIT III Social Media** – Definition, Types, advantages and disadvantages – Crimes through social media, victimization through social media – Do's and Don'ts in Social Media – Safe Surfing
  4. **UNIT IV Understanding cyber-criminal behaviour** – modus operandi - Criminological Sociological and Psychological theories relating to cyber-crime behaviour.
  5. **UNIT V Information Security** - Fraud Triangle – Components of Information Security – Desktop Security – Email Security – Web Security – Threats to information security and counter
- **Timing of the course:** Two Houses a day.
  - **Eligibility Criteria:** For Defence Studies Dept. Student
  - **Resource persons:**
    - Dr.R.S.Pawar
    - Shri .Hemakant Patil

**Value Added Course Dept. Of Defence Studies**

**Year of Course 2022-2023**

**Course Name:- CYBER SECURITY COURSE**

**Value Added Course Student Attendance with Signature**

Sr. No.	Student Name	Signature of Beneficial Student						
		19/9/2022	20/9/2022	21/9/2022	22/9/2022	23/9/2022	24/9/2022	25/9/2022
1	Rajput Renuka Mohansik	RajRm	RajRm	RajRm	RajRm	RajRm	RajRm	RajRm
2	Patil Vishakha	VPatil	VPatil	VPatil	VPatil	VPatil	VPatil	VPatil
3	Rajput Yash	YRajput	YRajput	YRajput	YRajput	YRajput	YRajput	YRajput
4	Vaishnavi Patil	VPatil	VPatil	VPatil	VPatil	VPatil	VPatil	VPatil
5	Juraj Thakare	JThakare	JThakare	JThakare	JThakare	JThakare	JThakare	JThakare
6	Nitin Koi	NKoi	NKoi	NKoi	NKoi	NKoi	NKoi	NKoi
7	Seemant Patil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil
8	Jayesh Patil	JPatil	JPatil	JPatil	JPatil	JPatil	JPatil	JPatil
9	Koli Nilesh Bk	KNB	KNB	KNB	KNB	KNB	KNB	KNB
10	Rajput Harpal Pundli	HRajput	HRajput	HRajput	HRajput	HRajput	HRajput	HRajput
11	Patil Rajani Maharu	RPatil	RPatil	RPatil	RPatil	RPatil	RPatil	RPatil
12	Wankar Tilotarna D.	TWankar	TWankar	TWankar	TWankar	TWankar	TWankar	TWankar
13	Patil Trupti Vinod	TPatil	TPatil	TPatil	TPatil	TPatil	TPatil	TPatil
14	Kumar Jagruti Shashikant	JKumar	JKumar	JKumar	JKumar	JKumar	JKumar	JKumar
15	Koli Someshwar Shrawan	SKoli	SKoli	SKoli	SKoli	SKoli	SKoli	SKoli
16	Patil Viki Mangal	VPatil	VPatil	VPatil	VPatil	VPatil	VPatil	VPatil
17	Patil Manoj Sitaram	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil
18	Mohit Bhamare	MBhamare	MBhamare	MBhamare	MBhamare	MBhamare	MBhamare	MBhamare
19	Jain Suhas Ajit	JSain	JSain	JSain	JSain	JSain	JSain	JSain
20	Patil Tukaram (Bans)	TPatil	TPatil	TPatil	TPatil	TPatil	TPatil	TPatil

**RSP**  
Co-Ordinator  
Dr.R.S.Pawar



**Dr. D. R. Patil**  
Principal  
Dr.D.R.Patil



R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College, Shirpur

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## STATEMENTS OF MARKS

Value Added Course in- Cyber Security Course

Examination Held in- March-2023

Student Name: Rajput Renuka Mohansing

College Name: R.C.Patel Arts Commerce and Science College, Shirpur

Seat Number: VAC 06-88

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
DEF-101	Cyber Security Course	TH	50	40
DEF-102	Cyber Security Course	PT	50	47

Result: Pass

Marks Obtained: 87

Grade: A



  
Co-ordinator

**Abbreviations:**

AM: Assessment Methods, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, TH: Theory,  
PR: Practical, O: Outstanding Grade

## Admission Form

R.C.Patel Educational Trust's

R.C. Patel Arts Commerce and Science College Shirpur, Dist.-Dhule, M.S. 425405

To,  
The Principal  
R.C.Patel Arts, Commerce and Science College, Shirpur



Sir,

I wish to get admitted to as Students for the -

Certificate Course on CYBER SECURITY COURSE

### PARTICULAR OF CANDIDATE

- 1 Name in Full (Surname First) : Kumbhar Manish Subhash
- 2 Father/Husband Name : Kumbhar Subhash Manoj.
- 3 Mother Name : Radhika
- 4 Address for Correspondence : Kumbha wada Shirpur
- 5 Mob. No. : 735239 8080
- 6 Email Id : -
- 7 Date of Birth : 22/01/2002
- 8 Place of Birth : Dahiwad, Tal Shirpur
- 9 Category : NT.T.
- 10 Family Annual Income : 1,00,000 / -
- 11 Last qualified examination : FYBA
- 12 Marks obtained (out of total marks) : 95

I hereby declare that all statements made in this application to the best of my knowledge and beliefs are true, complete and correct. I understand that in the event of any information being found false or incorrect, my admission is liable to be cancelled.

Date 16/8/2022

Signature :

Manish

Place Shirpur

Name of Student -

Manish Kumbhar

✓

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Rajput Renuka Mohansing has pursued a value added course and passed the requisite examination held in March - 2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Cyber security



R.S.H.  
Course Co-ordinator

Y.H.B.  
Co-ordinator

Deatil  
Principal

Certificate No.: 2023/06/088/A

**R. C. Patel Educational Trust's**

**R. C. Patel Arts, Commerce & Science College,  
Shirpur**

**Department of Marathi**

**Value Added Course**

**Syllabus – Academic Year – 2022-23  
(Semester- I & II)  
Credit- 02**

**Value Added Course**

**"स्वयंरोजगारासाठी लेखन कौशल्य"**



**R. C. Patel Arts, Commerce & Science College, Shirpur**  
**Syllabus – Academic Year – 2022-23**  
**(Semester- I & II)**  
**Credit- 02**

Title of the Course	" स्वयंरोजगारासाठी लेखन कौशल्य"
Course Duration	33Hours
Teaching Pattern	Lecture
Assignment Pattern	Theory- Attendance
Eligibility	UG (FYBA,SYBA,TYBA Students)

**Objective (अभ्यासक्रमाची उद्दिष्टे)**

- अर्जलेखन भाषांतर लेखन कौशल्यांचे उपयोजन करणे.
- आधुनिक इलेक्ट्रॉनिक्स माध्यमाचा परिचय करून देणे.
- उपयोजनात्मक मराठी लेखनातून नोकरी व्यवसायाची संधी शोधणे.
- अहवाल लेखन, फलक लेखन कौशल्यांचे उपयोजन करणे.

**घटक विश्लेषण**

घटक क्रमांक	घटकाचे नाव (ChapterName)	अभ्यासक्रम(Syllabus)	तासिका Teaching ) (Hours)
१	स्वयंमरोजगारासाठी लेखन कौशल्य	१.१ (अर्जलेखन व उपयोजन १.२ (अहवाल लेखन व उपयोजन १.३ (फलक लेखन व घोषवाक्य	१०
२	भाषांतर व अनुवाद कौशल्य	२.१ (भाषांतर म्हणजे काय २.२ (भाषांतराचे प्रकार २.३ (भाषांतर लेखनाचे उपयोजन	१०
३	आधुनिक इलेक्ट्रॉनिक संवाद माध्यमे	३.१ (लेक्ट्रॉनिक संवाद माध्यमे व कार्यप्रणाली ३.२ (मोबाईल तंत्र व उपयुक्तता ३.३ (ईमेल तंत्र व उपयुक्तता	१०
	एकूण तासिका		३०

**संदर्भ ग्रंथ**

1. उपयोजित मराठी -प्रा .संजय लांडगे, दिलिपराज प्रकाशन, पूणे
2. संगणक परिचय -डॉ गोरे, डॉ .कोलारकर, पिंपळापूर पब्लिकेशन, नागपूर.
3. ईमेल व चॅट -माधव शिरवकर, संगणक प्रकाशन, मुंबई.
4. चला वापर इंटरनेट-विवेक मेहेत्रे, उन्देली बुक्स, मुंबईभाषांतर मीमांसा – संपा .कल्याण काळे ,अंजली सोमण
5. आधुनिक समाज माध्यमे लेखन व संवाद

R. C. Patel Arts, Commerce & Science College, Shirpur

Department of Marathi

Value Added Course Students Attendance with Signature

Academic Year – 2022-23 (Semester- I & II)

Course Name- "भाषांतराख्ये निविश भाषातील साहित्याचे व भाषिक व्यवहाराचे गीत"

Sr. No.	Students Name	19/06	20/06	21/06	22/06	23/06	24/06	25/06	26/06	27/06	28/06	29/06	30/06	01/07	02/07	03/07	04/07	05/07	06/07	07/07	08/07	09/07	10/07	11/07	12/07	13/07	14/07	15/07	16/07	17/07	18/07	19/07	20/07	21/07						
1	पावारा सुनील भाग्य	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL		
2	पावारा विकास सुनील	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	
3	पावारा प्रवण P.	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
4	किराणमत गणेश A.	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
5	रामराजे योगेश S.	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
6	पावारा सुनील आनंद	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
7	पावारा मंगल आनंद	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
8	मोरे चक्रवर्ती गुलाब	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
9	माली पांढरा दयानंद	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
10	राजराज योगेश रामराज	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
11	राधा शिवेश गुरुदास	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
12	कोळी सोमेश्वर शामराज	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
13	पावारा पंढरी धारणी	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
14	पावारा राकेश आनंद	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
15	पावारा विकास दाका	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
16	पावारा विकी मंगळी	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
17	तांदवी दिपाळी राधिका	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
18	भुलि अक्षय कावय	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
19	पावारा पंढरी भाव	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
20	पावारा मंगेश रामेश	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL
21	पावारा सारुवाळी दासराज	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	PL

Dr. S. S. Chaudhari  
(Head of Department)



*Recd.*

*S. S. Chaudhari*  
Dr. D. A. Patil

R C Patel Arts Commerce and science College, Shirpur  
 Department of Marathi  
 Value Added Course Students Attendance with Signature  
 A.Y.-2022-23  
 Course Name- भाषांतरावरचे विविध भाषातील साहित्याचे व भाषिक आवर्धनाचे शिबिर

Sr.No	Students Name	09/09/2022	16/09/2022	23/09/2022	30/09/2022	07/10/2022	14/10/2022	21/10/2022	28/10/2022	04/11/2022	11/11/2022	18/11/2022	25/11/2022	02/12/2022	09/12/2022	16/12/2022	23/12/2022	30/12/2022
21	Wadike Vaishali T.	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
22	Shinde Vaishali Y.	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
23	Chavan Shikha	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
24	Selani Yogesh Girij	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
25	Mali Yogesh Sani	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
26	Pardehi Tulsi	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
27	Pawar Sunil Haqir	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
28	Mare Sharda Gulab	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
29	Potwalke relesh	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
30	Parshant Mali	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
31	Sanon Bhushan G	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
32	Patil Khushi S	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
33	Patil Patel	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
34	Rubya Deore	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
35	Chavan Jayadri R	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
36	Fellil Jagan G.	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
37	Dati Shubham N	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
38	Patil Mayur G.	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
39	Sukta M. Tamkhane	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
40	Jain Sam	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
41	Jadhav Kuldurg	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB

Dr. S. S. Chauthari  
 (Head)

Head  
 Dept. of Marathi  
 R.C. Patel Arts, Com. & Science College  
 Shirpur



*Signature*

**R. C. Patel Educational Trust's**  
**R. C. Patel Arts, Commerce & Science College, Shirpur**  
(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

Admission Form for Value Added Courses  
(Academic Year 2022-23)

To,  
The Principal  
R. C. Patel Arts, Commerce & Science College, Shirpur

Sir,

I wish to get admission as Student for the Value Added Course in - "स्वयंरोजगारासाठी लेखन कौशल्य"


	PARTICULAR OF CANDIDATE
1. Student Name	: Pawara Sandip Baliram
2. Father/Husband Name	: Pawara Baliram Santosh
3. Mother Name	: Heerabai
4. Address for Correspondence	: Waghadi
5. Email Id	: sandipawara2000@gmail.com
6. Mob. No	: 9930203230
7. Date of Birth	: 11/5/2000
8. Category	: S.T.
9. Family Annual Income	: 27,000/-
10. Last qualified examination	: 12 <sup>th</sup>
11. Mark Obtained (Out of total marks)	: 68%

I, hereby declare that, all information in this application is correct to the best of my knowledge. I will present for the Course regularly and will complete all the assignments.

Place: Shirpur

  
Head of the Department



  
Signature of the Student



R. C. Patel Educational Trust's

**R. C. Patel Arts, Commerce & Science College, Shirpur**

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## STATEMENTS OF MARKS

Value Added Course in- स्वयंरोजगारासाठी लेखन कौशल्य

Examination Held in- April-2023

Student Name: Pawara Shandip Baliram

College Name: R.C.Patel Arts Commerce and Science College, Shirpur

Seat Number: VAC 18-09

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
MAR-01	स्वयंरोजगारासाठी लेखन कौशल्य	TH	100	80

Result: Pass

Marks Obtained: 80

Grade: A



*[Handwritten Signature]*

Co-ordinator

**Abbreviations:**

AM: Assessment Methods, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, TH: Theory,  
PR: Practical, O: Outstanding Grade

ज्ञा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Pawara Sandip Baliram has pursued a value added course and passed the requisite examination held in April-2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**  
स्वयंरोजगारसाठी लेखन कौशल्य



  
Course Co-ordinator

  
Co-ordinator

  
Principal

Certificate No.: 2023/18/009/A

**आर.सी.पटेल कला वाणिज्य एवं विज्ञान महाविद्यालय शिरपुर,  
हिंदी विभाग  
भाषिक अभिव्यक्ती कौशल्य  
2022 – 2023**

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**उद्देश्य --:**

1. छात्रो को भाषिक अभिव्यक्ती कौशल्य से परिचित कराना ।
2. छात्रो को भाषिक अभिव्यक्ति कौशल्य के प्रकार से अवगत कराना ।
3. भाषिक अभिव्यक्ती कौशल्य मौखिक-अभिव्यक्ती एवं लिखित अभिव्यक्ति कौशल्य से परिचित कराना ।
4. वक्कृत्व कला कौशल्य की जानकारी से छात्रो को परिचित कराना ।
5. वादविवाद कला कौशल्य की जानकारी से छात्रो को परिचित कराना ।
6. पल्लवन लेखन कौशल्य से अवगत कराना

**कोर्स उपलब्धियां :-**

- 1) भाषिक अभिव्यक्ती कौशल्य की क्षमता विकसित होगी
- 2) शब्द संसाधन के माध्यम से भाषा शब्द भंडार को बढ़ेगा -1
- 3) पत्रकारिता प्रकाशन विभाग, मुलाखात, तंत्र, सरकारी, निम्न सरकारी एवं निजी क्षेत्रो में रोजगार के अवसर प्राप्त होंगे

**पाठ्यक्रम का स्वरूप --:**

1. इकाई - :I भाषिक अभिव्यक्ती कौशल्य :--
  - अ) मौखिकअभिव्यक्ती कौशल्य-: वक्कृत्व, वादविवाद- एवं साक्षात्कार
  - आ) लिखितअभिव्यक्ति कौशल्य - पल्लवन लेखन, संक्षेपण लेखन
2. एवं पत्र लेखन
3. इकाई -- :II वाद -: विवाद-वादविवाद का अर्थ-, वाद-विवाद का महत्व, वाद-विवाद के रूप वादविवाद -  
-का उद्देश्य एवं वादविवाद के नियम

4. इकाई -- :III वक्कृत्व -:वक्कृत्व का अर्थ, महत्व, वक्कृत्व की प्रतियोगिता के नियम एवं उत्तम वक्ता की विशेषताएँ
5. इकाई -- :IV पल्लवन लेखन --:पल्लवन लेखन का महत्व, पल्लवन लेखन की विशेषताएँ पल्लवन लेखन के उदाहरण

**ससंदर्भ ग्रंथ :-**

1. वादवासुदेव शरण अग्रवाल .डॉ - विवाद-, डायमंड बुक .नई दिल्ली -
2. वाद श्रद्धा पांडेये - विवाद एवं संभाषण-
3. हिंदी व्याकरण एवं अभिव्यक्ती कौशल्य सुनील पानपाटील .डॉ -एवं गौतम कुवर प्रशांत बुक जल -गाव
4. हिंदी व्याकरण या रचना - डॉपराग प्रकाशन - विमल सूर्यवंशी . कानपूर
5. प्रयोजन मूलक हिंदी अतुल प्रकाशन कानपूर - उर्मिला पाटिल .डॉ -
  
6. व्यवहारीक हिंदी व्याकरण -डॉ .नामदेव उतकर चंद्रलोक -प्रकाशन कानपूर
7. हिंदी व्याकरण एवं रचना-विमल सूर्यवंशी.डॉ-पराग प्रकाशन कानपुर



2022 - 2023

कोर्स का नाम :- भाषिक अभिव्यक्ति कौशल्य

Value Added Course Student Attendance with Signature

Sr. No	Student Name	Signature of Beneficial Student						
		12/9/2019	13/9/2019	14/9/2019	15/9/2019	16/9/2019	17/9/2019	19/9/2019
1	Bhil Shubham V.	<i>Bhil</i>	<i>Shubham</i>	<i>Shubham</i>	<i>Shubham</i>	<i>Shubham</i>	<i>Shubham</i>	<i>Shubham</i>
2	Bhoi Givind A.	<i>Givind</i>	<i>Givind</i>	<i>Givind</i>	<i>Givind</i>	<i>Givind</i>	<i>Givind</i>	<i>Givind</i>
3	Deore Pratik A.	<i>Deore P.</i>	<i>Deore P.</i>	<i>Deore P.</i>	<i>Deore P.</i>	<i>Deore P.</i>	<i>Deore P.</i>	<i>Deore P.</i>
4	Mali Prakash B.	<i>M.P.B</i>	<i>M.P.B</i>	<i>M.P.B</i>	<i>M.P.B</i>	<i>M.P.B</i>	<i>M.P.B</i>	<i>M.P.B</i>
5	Pawara Champalal G.	<i>Champalal</i>	<i>Champalal</i>	<i>Champalal</i>	<i>Champalal</i>	<i>Champalal</i>	<i>Champalal</i>	<i>Champalal</i>
6	Rajput Nikita D.	<i>Rajput</i>	<i>Rajput</i>	<i>Rajput</i>	<i>Rajput</i>	<i>Rajput</i>	<i>Rajput</i>	<i>Rajput</i>
7	Savale Jayashri E.	<i>Savale</i>	<i>Savale</i>	<i>Savale</i>	<i>Savale</i>	<i>Savale</i>	<i>Savale</i>	<i>Savale</i>
8	Teli Muskan H.	<i>Teli</i>	<i>Teli</i>	<i>Teli</i>	<i>Teli</i>	<i>Teli</i>	<i>Teli</i>	<i>Teli</i>
9	Valvi Ginesh J.	<i>Valvi</i>	<i>Valvi</i>	<i>Valvi</i>	<i>Valvi</i>	<i>Valvi</i>	<i>Valvi</i>	<i>Valvi</i>
10	Patil Ketan S.	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>
11	Pawara Yogesh T.	<i>Yogesh</i>	<i>Yogesh</i>	<i>Yogesh</i>	<i>Yogesh</i>	<i>Yogesh</i>	<i>Yogesh</i>	<i>Yogesh</i>
12	Rajput Nikita D.	<i>Rajput</i>	<i>Rajput</i>	<i>Rajput</i>	<i>Rajput</i>	<i>Rajput</i>	<i>Rajput</i>	<i>Rajput</i>
13	Mali Ashwini C.	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>
14	Girae Sarita R.	<i>Girae</i>	<i>Girae</i>	<i>Girae</i>	<i>Girae</i>	<i>Girae</i>	<i>Girae</i>	<i>Girae</i>
15	Thakare Chotiram L.	<i>Thakare</i>	<i>Thakare</i>	<i>Thakare</i>	<i>Thakare</i>	<i>Thakare</i>	<i>Thakare</i>	<i>Thakare</i>
16	Pawar Vidya R.	<i>Vidya</i>	<i>Vidya</i>	<i>Vidya</i>	<i>Vidya</i>	<i>Vidya</i>	<i>Vidya</i>	<i>Vidya</i>
17	Pathan Mahek Y.	<i>Pathan</i>	<i>Pathan</i>	<i>Pathan</i>	<i>Pathan</i>	<i>Pathan</i>	<i>Pathan</i>	<i>Pathan</i>
18	Mali Dipali R.	<i>Dipali</i>	<i>Dipali</i>	<i>Dipali</i>	<i>Dipali</i>	<i>Dipali</i>	<i>Dipali</i>	<i>Dipali</i>
19	Koli Sonal S.	<i>Sonal</i>	<i>Sonal</i>	<i>Sonal</i>	<i>Sonal</i>	<i>Sonal</i>	<i>Sonal</i>	<i>Sonal</i>
20	Patil Pooja J.	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>

*A.B. Jadhav*  
Dr. A. B. Jadhav  
(Course Co-ordinator, Department of Hindi)



*D.R. Patil*  
Dr. D.R. Patil  
(Principal)



R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College, Shirpur

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## STATEMENTS OF MARKS

Value Added Course in- भाषिक अभिव्यक्ती कौशल्य

Examination Held in- April-2023

Student Name: Rajput Nikita Dilipsing

College Name: R.C.Patel Arts Commerce and Science College, Shirpur

Seat Number: VAC 05-012

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
HIN-05	भाषिक अभिव्यक्ती कौशल्य	TH	100	92

Result: Pass

Marks Obtained: 92

Grade: O



Co-ordinator

Abbreviations:

AM: Assessment Methods, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, TH: Theory, PR: Practical, O: Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Rajput Nikita Dilipsing has pursued a value added course and passed the requisite examination held in April-2023 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

भाषिक अभिव्यक्ति कौशल्य.



[Signature]  
Course Co-ordinator

[Signature]  
Co-ordinator

[Signature]  
Principal

Certificate No.: 2023/05/012/A

**R. C. Patel Educational Trust's**  
**R. C. Patel Arts, Commerce & Science College, Shirpur**  
(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

**Department of Marathi**

**Value Added Course**

**Syllabus – Academic Year – 2022-23**  
**(Semester- I & II)**  
**Credit- 02**

**"भाषांतराव्दारे विविध भाषांतील साहित्याचे व भाषिक  
व्यवहाराचे ज्ञान"**

**Department of Marathi**  
**R. C. Patel Arts, Commerce & Science College, Shirpur**  
**Tal. Shirpur, Dist. - Dhule, 425405**  
**Syllabus**

Title of the Course	"भाषांतराद्वारे विविध भाषांतील साहित्याचे व भाषिक व्यवहाराचे ज्ञान"
Course Duration	33 Hours
Teaching Pattern	Lecture
Assignment Pattern	Theory- Attendance
Eligibility	UG (FYBA,SYBA,TYBA Students)
Medium	Marathi

Objective (अभ्यासक्रमाची उद्दिष्टे)

- विद्यार्थ्यांना विविध भाषांतील साहित्याचे ज्ञान देणे व भाषेचा परिचय करून देणे.
- एका भाषेतून दुसऱ्या भाषेत साहित्य तथा लिखित-संहितांचे रूपांतर करणे.
- माध्यमांतील भाषाव्यवहाराचे ज्ञान होणे.
- अनुवाद कौशल्य आत्मसात करणे.

घटक विश्लेषण

घटक क्रमांक	घटकाचे नाव (ChapterName)	अभ्यासक्रम (Syllabus)	तासिका Teaching ) (Hours)
१	भाषांतर स्वरूप आणि इतिहास	1. भाषांतर म्हणजे काय 2. भाषांतराचे स्वरूप 3. भाषांतराचे प्रकार अ (अनुवाद आ भाषांतर इरूपांतर भाषांतराची आवश्यकता	१०
२	विविध माध्यमे	माध्यमे म्हणजे काय माध्यमांचे प्रकार अवृत्तपत्र आदुरदर्शन इआकाशवाणी	१०
३	माध्यमातील भाषांतर	माध्यमातील भाषांतराचे स्वरूप माध्यमातील भाषांतराची आवश्यकता	१३

		माध्यमातील भाषेतरकारांना भविष्यातील संधी	
	एकूण तासिका		३०

संदर्भ ग्रंथ

- १) भाषांतर – डॉसदा कऱ्हाडे .
- २) भाषांतर मीमांसा – संपा .कल्याण काळे अंजली सोमण ,
- ३) अनुवाद मीमांसा-- संपा. केशव तुपे
- ४) आधुनिक समाज माध्यमे लेखन व संवाद –डॉ .अक्षय घोरपडे

**R. C. Patel Educational Trust's**  
**R. C. Patel Arts, Commerce & Science College, Shirpur**  
(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

Admission Form for Value Added Courses  
(Academic Year 2022-23)

To,  
The Principal  
R. C. Patel Arts, Commerce & Science College, Shirpur

Sir,

I wish to get admission as Student for the Value Added Course in - "भाषांतराद्वारे विविध भाषांतील साहित्याचे व भाषिक व्यवहाराचे ज्ञान"

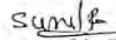
PARTICULAR OF CANDIDATE

1. Student Name : पावरा सुनिलि झागा
2. Father/Husband Name : झागा पावरा
3. Mother Name : जमुनाबारी
4. Address for Correspondence : शिरपुर.
5. Email Id : Pawarasunil@gmail.com
6. Mob. No : 99 23 60 30 20
7. Date of Birth : 13/05/2000
8. Category : S.T.
9. Family Annual Income : 30,000/-
10. Last qualified examination : 12<sup>th</sup>
11. Mark Obtained (Out of total marks) : 67%

I, hereby declare that, all information in this application is correct to the best of my knowledge. I will present for the Course regularly and will complete all the assignments.

Place: Shirpur

  
Head of the Department

  
Signature of the Student



**R. C. Patel Arts, Commerce & Science College, Shirpur**

Department of Marathi

Value Added Course Students Attendance with Signature

Academic Year – 2022-23 (Semester- I & II)

Course Name- "भाषांतराव्दारे विविध भाषातील साहित्याचे व भाषिक आव्हाराचे सौम"

Sr. No.	Students Name	9/2/22	9/5/22	9/10/22	9/15/22	9/20/22	9/25/22	9/30/22	10/5/22	10/10/22	10/15/22	10/20/22	10/25/22	10/30/22	11/5/22	11/10/22	11/15/22	11/20/22	11/25/22	11/30/22	12/5/22	12/10/22	12/15/22	12/20/22	12/25/22	12/30/22	
1	Pawara Swati Hoga	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	Pawara Vikas Sunita	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	Pawara Pravin P.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4	Khairnar Ganesha A.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
5	Ramale Yagesh S.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6	Pawara Sunil Anand	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7	Pawara Manoj Kishan	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
8	Mare Charada Gulabram	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
9	Mali Palavi Dnyanesh	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
10	Rajput Jayashankar Rajendra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
11	Pati Ramesh Ganesh Rajendra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
12	Koli Sureshwar Shamshant	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
13	Pawara Prithi Dhanraj	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
14	Pawara Rakesh Anand	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
15	Pawara Vikas Dhanraj	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
16	Pawara Vikki Manoj	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
17	Tadavi Dipak Rajendra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
18	Bhull Ajay Pawara	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
19	Pawara Pallavi Bharat	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
20	Pawara Mahesh Ramesh	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
21	Pawara Saravali Dhanraj	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

Dr. S. S. Chaudhari  
(Head of Department)



*Recd*

Dr. D. A. Patil





R. C. Patel Educational Trust's

**R. C. Patel Arts, Commerce & Science College, Shirpur**

[Affiliated to the K.B.C. North Maharashtra University, Jalgaon]

**STATEMENTS OF MARKS**

Value Added Course in- भाषांतराद्वारे विविध भाषांतील साहित्याचे व भाषिक  
व्यवहाराचे ज्ञान

Examination Held in- April-2023

Student Name: Pawara Sunil Aaga

College Name: R. C. Patel Arts Commerce and Science College, Shirpur

Seat Number: VAC 03-20

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
MAR-01	भाषांतराद्वारे विविध भाषांतील साहित्याचे व भाषिक व्यवहाराचे ज्ञान	TH	100	85

Result: Pass

Marks Obtained: 85

Grade: A



*[Handwritten Signature]*

Co-ordinator

Abbreviations:

AM: Assessment Methods, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, TH: Theory,  
PR: Practical, O: Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Pawara Sunil Aaga

has pursued a value added course and passed the requisite examination held in April - 2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

**भाषांतराद्वारे विविध भाषांतील साहित्याचे व भाषिक व्यवहाराचे ज्ञान**



Course Co-ordinator

Co-ordinator

Principal

Certificate No.: 2023/03/020/A



**R.C. Patel Arts, Commerce and Science College, Shirpur**

**Value Added course 2022-23  
In**

**Environmental Ethics Water Resource,  
Management, Water Pollution and Health**

**COLLABORATIVELY RUN BY**

**DEPARTMENT OF ZOOLOGY AND ENVIROMENTAL  
STUDIES**



<b>Name of the Course</b>	<b>Environmental Ethics Water Resource, Management, Water Pollution and Health</b>
Level	Value Added Course (2018-19)
Duration	33 Hrs.
Course Credit	2
Eligibility	Undergraduate (Zoology)
Course Fee	Free of Cost
Structure	15 Hrs. Theory and 15 Hrs. Practical
Assessment	At the end of the course, MCQ type assessment will be the conducted with Oral performed during the course
Course Coordinator	Dr. Vandana M. Patil Department of Zoology Mob: 9579411846 Email: <a href="mailto:vandana2119@gmail.com">vandana2119@gmail.com</a>
Course Convener	Prof. Dr. Mahendra.C.Agale Department of Zoology Mob: 9421898792 Email: <a href="mailto:drmcagale@gmail.com">drmcagale@gmail.com</a>
Course Convener	Prof. Dr. H.B.Patil Department of Physics Email: <a href="mailto:hbpatil7@gmail.com">hbpatil7@gmail.com</a>

## **Course Title: Environmental Ethics, Water Resource Management, Water Pollution, and Health**

### **Course Overview:**

This course aims to create a pro-environment attitude and behavioral patterns, emphasizing sustainable lifestyles and awareness of environmental issues. Students will explore these topics through lectures, presentations, documentaries, and field visits.

### **Course Objective:**

The primary objective of this course is to **sensitize students** to environmental conservation, sustainable resource utilization, and health-related aspects. By the end of the course, students should be able to:

1. Understand the multidisciplinary nature of environmental studies.
2. Recognize the importance of public awareness in environmental conservation.
3. Differentiate between renewable and non-renewable resources.
4. Analyze environmental issues related to water pollution, air pollution, soil degradation, and marine ecosystems.
5. Apply sustainable practices to promote ecological balance.

### **Course Outcomes:**

Upon successful completion of this course, students will be able to:

#### **1. Identify and Evaluate Environmental Issues:**

- Distinguish between renewable and non-renewable resources.
- Discuss the causes, effects, and control measures of air pollution, water pollution, soil pollution, marine pollution, noise pollution, and thermal pollution.

#### **2. Promote Sustainable Practices:**

- Understand the significance of sustainable development and ecology.
- Explore practical solutions for sustainable resource management.
- Investigate environmental practices specific to Goa.

#### **3. Ethical Considerations:**

- Reflect on the ethical dimensions of environmental conservation.
- Analyze case studies related to deforestation, over-exploitation, and natural resource management.

# Syllabus

## **UNIT 1: Introduction to Environmental Ethics**

Definition and scope of environmental ethics

Ethical theories and perspectives (e.g., anthropocentrism, biocentrism, egocentrism)

Ethics in biodiversity conservation and sustainable development

## **UNIT 2: Water Resources and Management**

Importance of water resources

Types of water sources (surface water, groundwater) and their characteristics

Water cycle and its significance in ecosystems

Principles of water resource management and sustainable water use practices

## **UNIT 3: Water Pollution**

Sources and types of water pollution (e.g., point source, non-point source pollution)

Effects of water pollution on aquatic ecosystems and human health

Case studies on major water pollutants (e.g., heavy metals, pesticides, industrial waste)

Water quality standards and monitoring techniques

## **UNIT 4: Health Implications of Water Pollution**

Waterborne diseases and their transmission pathways

Impact of contaminated water on public health and communities

Strategies for waterborne disease prevention and control

## **Practical Applications:**

### **1. Field Visits and Case Studies:**

- Visit local ecosystems, water bodies, and pollution-affected areas.
- Analyse real-world scenarios related to pollution and resource management.

### **2. Hands-On Projects:**

- Design sustainable practices for water conservation.
- Propose solutions for waste management and pollution reduction.

### **3. Guest Lectures and Workshops:**

- Invite experts to discuss environmental ethics, health implications, and sustainable practices.

## **Assessment Methods:**

- Quizzes and assignments to assess theoretical knowledge.
- Practical assessments related to water quality testing and analysis.
- Group projects and presentations on case studies and solutions.
- Final examination covering all course modules.

## **Certification:**

Upon successful completion of the course requirements and assessments, students will receive a

Certificate in Environmental Ethics, Water Resource Management, Water Pollution, and Health from the Zoology Department. This certification signifies the student's proficiency in understanding and addressing environmental and water-related challenges in various professional settings.

**REFERENCE BOOK:**

1. Environmental Ethics in the Midwest
2. Interdisciplinary Approaches Ian
3. The Ethics of Creativity: Beauty, Morality, and Nature in a Processes Cosmos  
by Brian G. Henning
4. Ethics of Environment and Development: Global Challenge, International Response  
edited by J. Ronald Engel and Joan Gibb Engel
5. Environmental Ethics and Forestry

R.C.Patel Educational Trust's

**R.C.Patel Arts Commerce and Science College**

Shirpur, Dist-Dhule, M.S. 425405

(NAAC Accredited Institute)

To,

The Principal

R.C.Patel Arts, Commerce and Science College,

Shirpur

Sir,

I wish to get admitted to as Students for the Environmental Ethics Water Resource, Management,  
Water Pollution and Health

*Rehman*  
(Name and Signature of the Candidate)

## PARTICULAR OF CANDIDATE

1. Name in Full (Surname First) : chainani roshani Ganeshkumar  
Surname Name Father/Husband Name
2. Address for Correspondence : Hulechiy nagar Near Kowand naka  
shirpur.
3. Email Id : roshanigs@gmail.com
4. Phone No/Mob.No : 9400429256
5. Father's/Husband Name : chainani Ganesh Kumar Govindram
- 6.
7. Sex(Male/Female) : female
8. Nationality : Indian
9. Date of Birth (dd/mm/yy) : 05/05/2004
10. Put the tick ( ) mark(s) in the Appropriate box (es) Applicable in your case

SC	ST	DT	NT-1	NT-2	NT-3	SBC	OBC	Open	PH	DSP
								✓		

P.H: Physically Handicapped ; DSP :Ward of Defense Service Person


10. Fathers/Husband Guardian's annual Income from all sources in as

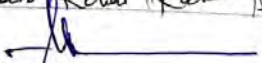



Corse Name: Value Added Course on Environmental Ethics Water Resource, Management, Water Pollution and Health

Students Attendance

Sr. No.	Students Name	Students Signature						
		22/8/22	23/8/22	24/8/22	25/8/22	26/8/22	27/8/22	29/8/22
1	Wadile Ankita R.	NAR.	NAR.	NAR.	NAR.	NAR.	NAR.	NAR.
2	Bhavsar Kirvi Sunil	KBhus	KBhus	KBhus	KBhus	KBhus	KBhus	KBhus
3	giraase uday Timsing	Gus	Gus	Gus	Gus	Gus	Gus	Gus
4	Nagrale Disha	Dhs	Dhs	Dhs	Dhs	Dhs	Dhs	Dhs
5	ahire Tejasvi Jivan	Aus	Aus	Aus	Aus	Aus	Aus	Aus
6	Mahajan Bhaver S.	Mahes	Mahes	Mahes	Mahes	Mahes	Mahes	Mahes
7	Nani Hetal Pravin	NaniH	NaniH	NaniH	NaniH	NaniH	NaniH	NaniH
8	Dhangar Kunal D.	Dkus	Dkus	Dkus	Dkus	Dkus	Dkus	Dkus
9	Barabhe Arvind A	Baras	Baras	Baras	Baras	Baras	Baras	Baras
10	Patil Harshada Bika	Hat	Hat	Hat	Hat	Hat	Hat	Hat
11	Bhalane Rupali Sunil	Rus	Rus	Rus	Rus	Rus	Rus	Rus
12	Bhale Pooja P.	Bhas	Bhas	Bhas	Bhas	Bhas	Bhas	Bhas
13	Wanke Tillotama	Wan	Wan	Wan	Wan	Wan	Wan	Wan
14	Theoral Nandini Jay	THE	THE	THE	THE	THE	THE	THE
15	FATELSANIKA V.	Fate	Fate	Fate	Fate	Fate	Fate	Fate
16	Bhagwat Rupali G.	Bhas	Bhas	Bhas	Bhas	Bhas	Bhas	Bhas
17	Shinde yagita Jivan	Shin	Shin	Shin	Shin	Shin	Shin	Shin
18	Marathe bhavesh vish	Mar	Mar	Mar	Mar	Mar	Mar	Mar
19	Rajput Mansi Norendra	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput
20	More Anjali Palus	Mora	Mora	Mora	Mora	Mora	Mora	Mora
21	Chavhan Rashmi G.	Rech	Rech	Rech	Rech	Rech	Rech	Rech

  
Dr. Vandana Patil  
Co-ordinator


  
Dr. M.C. Agale  
HOD


  
Dr. D.B. Patil  
Principal

Corse Name: Value Added Course on Environmental Ethics Water Resource, Management, Water Pollution and Health

Students Attendance

Sr. No.	Students Name	Students Signature						
		9/11/23	10/11/23	11/11/23	11/11/23	12/11/23	13/11/23	14/11/23
1	Nadile Ankita R.	NAR.	NAR.	NAR.	NAR.	NAR.	NAR.	NAR.
2	Bhadel Rupali Sunil	Bhadel	Rupali	Bhadel	Rupali	Bhadel	Rupali	Bhadel
3	Mane Anjali Mahesh	Anam	Anam	Anam	Anam	Anam	Anam	Anam
4	Girase Anay Tinsing	Girase	Girase	Girase	Girase	Girase	Girase	Girase
5	PATELSANIKA Y	Pate	Pate	Pate	Pate	Pate	Pate	Pate
6	ahire Tejasvini Jivar	Ah	Ah	Ah	Ah	Ah	Ah	Ah
7	Kayale Disha	Kayale	Disha	Kayale	Disha	Kayale	Disha	Kayale
8	Nani Hetal Pravin.	Nani H.	Nani H.	Nani H.	Nani H.	Nani H.	Nani H.	Nani H.
9	Shamse Arvind M	Sham	Arvind	Sham	Arvind	Sham	Arvind	Sham
10	Bhagwat Rupali G.	Bhag	Rupali	Bhag	Rupali	Bhag	Rupali	Bhag
11	Dhangar Kunal D.	Dhang	Kunal	Dhang	Kunal	Dhang	Kunal	Dhang
12	Tharal Nandini Jay	Tharal	Nandini	Tharal	Nandini	Tharal	Nandini	Tharal
13	Mehar Bhanes	Mehar	Bhanes	Mehar	Bhanes	Mehar	Bhanes	Mehar
14	Patil Harshada Bhikas	Patil	Harshada	Patil	Harshada	Patil	Harshada	Patil
15	Bhassale Pooj	Bhass	Pooj	Bhass	Pooj	Bhass	Pooj	Bhass
16	Shinde yoqita jivani	Shinde	yoqita	Shinde	yoqita	Shinde	yoqita	Shinde
17	marathe bhavesh vikas	Marath	Bhavesh	Marath	Bhavesh	Marath	Bhavesh	Marath
18	Rajput Mansi Narendra	Rajput	Mansi	Rajput	Mansi	Rajput	Mansi	Rajput
19	Warke Tilottarman	Warke	Tilottarman	Warke	Tilottarman	Warke	Tilottarman	Warke
20	Barsar Kirti Sunil	Barsar	Kirti	Barsar	Kirti	Barsar	Kirti	Barsar

  
Dr. Vandana Patil  
Co-ordinator

  
Dr. M.C. Agale  
HOD

  
Dr. D.R. Patil  
Principal

R.C.Patel Art's Commerce and Science College Shirpur

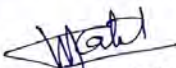
Department of Zoology

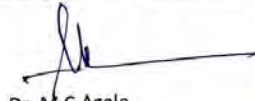
Year: 2022-23

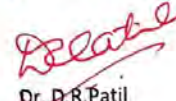
Course Name: Value Added Course on Environmental Ethics Water Resource, Management, Water Pollution and Health

Students Attendance

Sr. No.	Students Name	Students Signature							
		6/12/23	7/12/23	8/12/23	9/12/23	10/12/23	11/12/23	13/12/23	
1	Patil Harshada Shikha	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	
2	bhagwat Rupali G	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	
3	Madhe Ankita R.	ANAR	ANAR	ANAR	ANAR	ANAR	ANAR	ANAR	
4	Abhane Rupali Sunil	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	
5	Thamat Madini Jay	Madini	Madini	Madini	Madini	Madini	Madini	Madini	
6	Bharambe Pravin N	Pravin	Pravin	Pravin	Pravin	Pravin	Pravin	Pravin	
7	Girase udhay Tinning	Uday	Uday	Uday	Uday	Uday	Uday	Uday	
8	Wanke Tilak Emani	Tilak	Tilak	Tilak	Tilak	Tilak	Tilak	Tilak	
9	ahane Tejasvi Jivan	Tejasvi	Tejasvi	Tejasvi	Tejasvi	Tejasvi	Tejasvi	Tejasvi	
10	Wani Hetal Pravin	Hetal	Hetal	Hetal	Hetal	Hetal	Hetal	Hetal	
11	Rajput Mansi Narendra	Mansi	Mansi	Mansi	Mansi	Mansi	Mansi	Mansi	
12	Marathe bhavesh vites	Bhavesh	Bhavesh	Bhavesh	Bhavesh	Bhavesh	Bhavesh	Bhavesh	
13	Shinde Yagita Jivant	Yagita	Yagita	Yagita	Yagita	Yagita	Yagita	Yagita	
14	Bharon Kirati Sunil	Kirati	Kirati	Kirati	Kirati	Kirati	Kirati	Kirati	
15	Bhaskar Pravin P	Pravin	Pravin	Pravin	Pravin	Pravin	Pravin	Pravin	
16	Nagmale Disha	Disha	Disha	Disha	Disha	Disha	Disha	Disha	
17	Mahajan Bhavna	Bhavna	Bhavna	Bhavna	Bhavna	Bhavna	Bhavna	Bhavna	
18	Thamas Kunal D.	Kunal	Kunal	Kunal	Kunal	Kunal	Kunal	Kunal	
19	PATEL SANIKAV	Sanika	Sanika	Sanika	Sanika	Sanika	Sanika	Sanika	
20	More Anjali mad	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	

  
Dr. Vandana Patil  
Co-ordinator

  
Dr. M.C. Agale  
HOD

  
Dr. D.R. Patil  
Principal

**Value Added Course Title: Environmental Ethics, Water Resource Management, Water Pollution, and Health**

Collaboratively Run by

**Department of Zoology and Environmental Studies**

**Attendance Sheet A.Y-2022-23**

Sr.No	Students Name	Date and Sign						
		06/08/23	07/08/23	08/08/23	09/08/23	10/08/23	11/08/23	13/08/23
1.	AAGALE YOGESH SANTOSH							
2.	AHIRE DEVENDRA SHIVAJI							
3.	AHIRE LINA MANOHAR							
4.	AHIRE PURUSHOTTAM KAILAS							
5.	AHIRE TEJASVI JIVAN							
6.	AHIRRAO ADITYA MANISH							
7.	AHIRRAO HARSHADA CHANDRASHEKHAR							
8.	AKHADMAL MEGHA SHANTARAM							
9.	AKHADMAL SNEHAL ANAND							
10.	ANSARI SHAHNAZ PARWEEN IMAMUDDIN							
11.	ANUSHTHAN MAYUR PIRAN							
12.	BACHHAV VISHAL SHARAD							
13.	BADGUJAR BHAVIKA PRAVIN							
14.	BADGUJAR DARSHAN DNYANESHWAR							
15.	BADGUJAR JAGRUTI MAHENDRA							







	SURESH							
73.	DEORE HITESH MANOJ	deorehm	deorehm	deorehm	deorehm	deorehm	deorehm	deorehm
74.	DESALE HARSHAL GARIBDAS	Desaleh	Desaleh	Desaleh	Desaleh	Desaleh	Desaleh	Desaleh
75.	DESALE JAYPRAKASH SANJAY	J.S. Desale	J.S. Desale	J.S. Desale	J.S. Desale	J.S. Desale	J.S. Desale	J.S. Desale
76.	DESALE SHIVAM VIVEK	S.V. Desale	S.V. Desale	S.V. Desale	S.V. Desale	S.V. Desale	S.V. Desale	S.V. Desale
77.	DESHMUKH ADITI SADANAND	Daditi	Daditi	Daditi	Daditi	Daditi	Daditi	Daditi
78.	DESHMUKH SALONI VIRUPAL	Saloni	Saloni	Saloni	Saloni	Saloni	Saloni	Saloni
79.	DESHMUKH SEJAL GANESHSING	Dsh	Dsh	Dsh	Dsh	Dsh	Dsh	Dsh
80.	DHANGAR AKSHAY MANOHAR	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay	Akshay
81.	DHANGAR BHUSHAN SUBHASH	Bhushan	Bhushan	Bhushan	Bhushan	Bhushan	Bhushan	Bhushan
82.	DHANGAR KUNAL DAGADU	Kunal	Kunal	Kunal	Kunal	Kunal	Kunal	Kunal
83.	DHANGAR VIJAY RAVINDRA							
84.	DHIVARE VIRENDRA KIRAN							
85.	DHOBI SAHIL SHE JAVID	Hobi	Hobi	Hobi	Hobi	Hobi	Hobi	Hobi
86.	DIXIT RAJ SUNIL	Dikraj	Dikraj	Dikraj	Dikraj	Dikraj	Dikraj	Dikraj
87.	DORIK DHANSHRI DHARESHWAR							
88.	DORIK KARISHMA TARACHAND	Dkari	Dkari	Dkari	Dkari	Dkari	Dkari	Dkari
89.	EDAKI HARSHALI TUSHAR							
90.	ENDAIT JAYESH BALU							



91.	FAKIR SHOYEB SHAKIRSHA	SFF	SFB	SFF	SSL	SSL	SST	SSL
92.	FULPAGARE PRADNYESH SHARAD	P <del>us</del>	P <del>us</del>	P <del>B</del>	P <del>us</del>	P <del>us</del>	P <del>us</del>	P <del>us</del>
93.	BAGAL KALYANI SATISH	K <del>sb</del>	K <del>sb</del>	K <del>sl</del>	K <del>sb</del>	K <del>sb</del>	K <del>sb</del>	K <del>sl</del>
94.	BAGAL YASH RAMKRUSHNA	Y <del>sh</del>	Y <del>sh</del>	Y <del>sh</del>	Y <del>sh</del>	Y <del>sh</del>	Y <del>sh</del>	Y <del>sh</del>
95.	BAGUL CHANDRAKANT DNYANESHWAR	C <del>sh</del>	C <del>sh</del>	C <del>sh</del>	C <del>sh</del>	C <del>sh</del>	C <del>sh</del>	C <del>sh</del>
96.	BAHIRAM KUNAL PRAMOD	K <del>sb</del>	K <del>sb</del>	K <del>sb</del>	K <del>sb</del>	K <del>sb</del>	K <del>sb</del>	K <del>sb</del>
97.	BAIG IRFAN SABIR BAIG	I	I	I	I	I	I	I
98.	BANJARA DIPALI ADHAR	D <del>ap</del>	D <del>ap</del>	D <del>ap</del>	D <del>ap</del>	D <del>ap</del>	D <del>ap</del>	D <del>ap</del>
99.	BANJARA HITESH DEVIDAS	H <del>it</del>	H <del>it</del>	H <del>it</del>	H <del>it</del>	H <del>it</del>	H <del>it</del>	H <del>it</del>

*msd*

H.O.D

Environmental Studies



*Dr. D. R. Patil*  
Principal.

Dr.D.R.Patil

Sr.No	Students Name	Date and Sign						
		06/08/23	07/08/23	08/08/23	09/08/23	10/08/23	11/08/23	13/08/23
100	PAWARA VISHVAS NAVALSING	Ravara	Ravara	Ravara	Ravara	Ravara	Ravara	Ravara
101	PAWARA YAMUNA SANA	Ravara	Ravara	Ravara	Ravara	Ravara	Ravara	Ravara
102	PIMPLE GOVIL SUBHASH	Pimple	Pimple	Pimple	Pimple	Pimple	Pimple	Pimple
103	PINJARI MAHEK SALIM	M.Pi	M.Pi	M.Pi	M.Pi	M.Pi	M.Pi	M.Pi
104	RAJPUT ASHWINI BHAGWANSING	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput
105	RAJPUT VIJAYSING SANJAYSING	Raj	Raj	Raj	Raj	Raj	Raj	Raj
106	RAMOLE DHANSHRI SUNIL	Ramole	Ramole	Ramole	Ramole	Ramole	Ramole	Ramole
107	RATHOD NEHA INDALSING	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod
108	SAINDANE PREM RAMESH	Saindane	Saindane	Saindane	Saindane	Saindane	Saindane	Saindane
109	SAWANT GANESH KAILAS	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant	Sawant
110	SAYED MARIYA SAYD ZAKIR	Sayed	Sayed	Sayed	Sayed	Sayed	Sayed	Sayed
111	SHINDE ROHIT ANIL	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
112	SHINDE SAGAR SHANTARAM	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
113	SHINDE VAISHNAVI MANOHAR	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
114	SHINDE VILAS PRAVIN	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
115	SHIRSATH AVINASH VIJAY	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath
116	SHIRSATH KARAN SUKDEV	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath
117	SHIRSATH PREM PRAKASH	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath
118	SOHALE DNYANESHWAR KAMALSING	Sohale	Sohale	Sohale	Sohale	Sohale	Sohale	Sohale
119	SONAR BHUSHAN GANESH	Sonar	Sonar	Sonar	Sonar	Sonar	Sonar	Sonar
120	SONAWANE ANURAG RAVINDRA	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane
121	SONAWANE DINESH BHAUSAHEB	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane
122	SONAWANE HARSHAL PRAVIN	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane
123	SONAWANE LAXMAN MAHARU	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane
124	SONAWANE PRAMOD NAMDEV	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane
125	SONAWANE RAHUL UTTAM	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane
126	SONAWANE YOGITA BHARAT	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane
127	SONGIRE KAMINI MANGAL	Songire	Songire	Songire	Songire	Songire	Songire	Songire
128	SURYAVANSHI MAYUR MOHAN	Suryavanshi	Suryavanshi	Suryavanshi	Suryavanshi	Suryavanshi	Suryavanshi	Suryavanshi
129	TADAVI KALPANA RAJKUMAR	Tadavi	Tadavi	Tadavi	Tadavi	Tadavi	Tadavi	Tadavi

130	TAWADE KALYANI RAJU	Taw	Taw	Taw	Taw	Taw	Taw	Taw
	THAKARE DINESH SHIVANYA	C.W.	C.W.	C.W.	C.W.	C.W.	C.W.	C.W.
131	THAKARE PRAMOD VISHWAS	Pram	Pram	Pram	Pram	Pram	Pram	Pram
132	THORAT ANJALI GAUTAM	An	An	An	An	An	An	An
133	THORAT DINESH SURESH	Dr	Dr	Dr	Dr	Dr	Dr	Dr
134	THORAT KAVITA RAJU	Kav	Kav	Kav	Kav	Kav	Kav	Kav
135	THORAT PRABUDDHA SHANTILAL	Prab	Prab	Prab	Prab	Prab	Prab	Prab
136	THORAT PRADNYA ANIL	Prad	Prad	Prad	Prad	Prad	Prad	Prad
137	VALVI UMESH SAYSING	Umesh	Umesh	Umesh	Umesh	Umesh	Umesh	Umesh
138	WADILE HARSHAL SHIVAJI	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
139	WADILE LAKESH PANDURANG	Lakesh	Lakesh	Lakesh	Lakesh	Lakesh	Lakesh	Lakesh
140	WAGH KAJAL VINOD	Kajal	Kajal	Kajal	Kajal	Kajal	Kajal	Kajal
141	WAGH VIKKI SURESH	Vikki	Vikki	Vikki	Vikki	Vikki	Vikki	Vikki
142	WANKHEDE DURGESH DIPAK	Dur	Dur	Dur	Dur	Dur	Dur	Dur
143	WANKHEDE SWATI SHIVRAM	Swati	Swati	Swati	Swati	Swati	Swati	Swati
144	ZALTE KHUSHABU SUNIL	Khush	Khush	Khush	Khush	Khush	Khush	Khush
145	PAWARA VISHVAS NAVALSING	Vishvas	Vishvas	Vishvas	Vishvas	Vishvas	Vishvas	Vishvas
146	PAWARA YAMUNA SANA	Yamuna	Yamuna	Yamuna	Yamuna	Yamuna	Yamuna	Yamuna
147	PIMPLE GOVIL SUBHASH	Govil	Govil	Govil	Govil	Govil	Govil	Govil
148	PINJARI MAHEK SALIM	Mahek	Mahek	Mahek	Mahek	Mahek	Mahek	Mahek
149	RAJPUT ASHWINI BHAGWANSING	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini
150	RAJPUT VIJAYSING SANJAYSING	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
151	RAMOLE DHANSHRI SUNIL	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan
152	RATHOD NEHA INDALSING	Neha	Neha	Neha	Neha	Neha	Neha	Neha
153	SAINDANE PREM RAMESH	Prem	Prem	Prem	Prem	Prem	Prem	Prem
154	SAWANT GANESH KAILAS	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
155	SAYED MARIYA SAYD ZAKIR	Mariya	Mariya	Mariya	Mariya	Mariya	Mariya	Mariya
156	SHINDE ROHIT ANIL	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit
157	SHINDE SAGAR SHANTARAM	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar
158	SHINDE VAISHNAVI MANOHAR	Vaish	Vaish	Vaish	Vaish	Vaish	Vaish	Vaish
159	SHINDE VILAS PRAVIN	Vilas	Vilas	Vilas	Vilas	Vilas	Vilas	Vilas
160	SHIRSATH AVINASH VIJAY	Avinash	Avinash	Avinash	Avinash	Avinash	Avinash	Avinash
161	SHIRSATH KARAN SUKDEV	Karan	Karan	Karan	Karan	Karan	Karan	Karan
162	SHIRSATH PREM PRAKASH	Prem	Prem	Prem	Prem	Prem	Prem	Prem
163	SOHALE DNYANESHWAR KAMALSING	Dnyan	Dnyan	Dnyan	Dnyan	Dnyan	Dnyan	Dnyan
164	SONAR BHUSHAN GANESH	Bhushan	Bhushan	Bhushan	Bhushan	Bhushan	Bhushan	Bhushan
165								

166	SONAWANE ANURAG RAVINDRA	An	An	An	An	An	An	An
167	SONAWANE DINESH BHAUSAHEB	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh
168	SONAWANE HARSHAL PRAVIN	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
169	SONAWANE LAXMAN MAHARU	Laxm	Laxm	Laxm	Laxm	Laxm	Laxm	Laxm
170	SONAWANE PRAMOD NAMDEV	Pramod	Pramod	Pramod	Pramod	Pramod	Pramod	Pramod
171	SONAWANE RAHUL UTTAM	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
172	SONAWANE YOGITA BHARAT	Yogita	Yogita	Yogita	Yogita	Yogita	Yogita	Yogita
173	SONGIRE KAMINI MANGAL	Kamini	Kamini	Kamini	Kamini	Kamini	Kamini	Kamini
174	SURYAVANSHI MAYUR MOHAN	Smay	Smay	Smay	Smay	Smay	Smay	Smay
175	TADAVI KALPANA RAIKUMAR	Kalp	Kalp	Kalp	Kalp	Kalp	Kalp	Kalp
176	TAWADE KALYANI RAJU	Kalyan	Kalyan	Kalyan	Kalyan	Kalyan	Kalyan	Kalyan
177	THAKARE DINESH SHIVANYA	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh
178	THAKARE PRAMOD VISHWAS	Pramod	Pramod	Pramod	Pramod	Pramod	Pramod	Pramod
179	THORAT ANJALI GAUTAM	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali
180	THORAT DINESH SURESH	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh
181	THORAT KAVITA RAJU	Kavita	Kavita	Kavita	Kavita	Kavita	Kavita	Kavita
182	THORAT PRABUDDHA SHANTILAL	Prab	Prab	Prab	Prab	Prab	Prab	Prab
183	THORAT PRADNYA ANIL	Prad	Prad	Prad	Prad	Prad	Prad	Prad
184	VALVI UMESH SAYISING	Umesh	Umesh	Umesh	Umesh	Umesh	Umesh	Umesh
185	WADILE HARSHAL SHIVAJI	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
186	WADILE LAKESH PANDURANG	Lakesh	Lakesh	Lakesh	Lakesh	Lakesh	Lakesh	Lakesh
187	WAGH KAJAL VINOD	Kajal	Kajal	Kajal	Kajal	Kajal	Kajal	Kajal
188	WAGH VIKKI SURESH	Vikki	Vikki	Vikki	Vikki	Vikki	Vikki	Vikki
189	WANKHEDE DURGESH DIPAK	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh
190	WANKHEDE SWATI SHIVRAM	Swati	Swati	Swati	Swati	Swati	Swati	Swati
191	ZALTE KHUSHABU SUNIL	Khush	Khush	Khush	Khush	Khush	Khush	Khush
192	PAWARA VISHVAS NAVALSING	Vishvas	Vishvas	Vishvas	Vishvas	Vishvas	Vishvas	Vishvas
193	PAWARA YAMUNA SANA	Yamuna	Yamuna	Yamuna	Yamuna	Yamuna	Yamuna	Yamuna
194	PIMPLE GOVIL SUBHASH	Govil	Govil	Govil	Govil	Govil	Govil	Govil
195	PINJARI MAHEK SALIM	Mahek	Mahek	Mahek	Mahek	Mahek	Mahek	Mahek
196	RAIPUT ASHWINI BHAGWANSING	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin
197	RAIPUT VIJAYSING SANJAYSING	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay

198	RAMOLE DHANSHRI SUNIL	Rm	Rm	Rm	Rm	Rm	Rm	Rm
199	RATHOD NEHA	Neha	Neha	Neha	Neha	Neha	Neha	Neha
200	SAINDANE PREM RAMESH	Feem	Feem	Feem	Feem	Feem	Feem	Feem
201	SAWANT GANESH KAILAS	Caanish	Caanish	Caanish	Caanish	Caanish	Caanish	Caanish
202	SAYYED MARIYA SAYD ZAKIR	Maerly	Maerly	Maerly	Maerly	Maerly	Maerly	Maerly
203	SHINDE ROHIT ANIL	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit
204	SHINDE SAGAR SHANTARAM	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar
205	SHINDE VAISHNAVI MANOHAR	Vai	Vai	Vai	Vai	Vai	Vai	Vai
206	SHINDE VILAS PRAVIN	Vilas	Vilas	Vilas	Vilas	Vilas	Vilas	Vilas
207	SHIRSATH AVINASH VIJAY	Avinash	Avinash	Avinash	Avinash	Avinash	Avinash	Avinash
208	SHIRSATH KARAN SUKDEV	Karan	Karan	Karan	Karan	Karan	Karan	Karan
209	SHIRSATH PREM PRAKASH	Prem	Prem	Prem	Prem	Prem	Prem	Prem
210	SOHALE DNYANESHWAR KAMALSING	Dny	Dny	Dny	Dny	Dny	Dny	Dny
211	SONAR BHUSHAN GANESH	Bhushan	Bhushan	Bhushan	Bhushan	Bhushan	Bhushan	Bhushan
212	SONAWANE ANURAG RAVINDRA	Anurag	Anurag	Anurag	Anurag	Anurag	Anurag	Anurag
213	SONAWANE DINESH BHAUSAHEB	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh
214	SONAWANE HARSHAL PRAVIN	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal
215	SONAWANE LAXMAN MAHARU	Laxman	Laxman	Laxman	Laxman	Laxman	Laxman	Laxman
216	SONAWANE PRAMOD NAMDEV	Pramod	Pramod	Pramod	Pramod	Pramod	Pramod	Pramod
217	SONAWANE RAHUL UTTAM	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
218	SONAWANE YOGITA BHARAT	Y.	Y.	Y.	Y.	Y.	Y.	Y.
219	SONGIRE KAMINI MANGAL	Kamini	Kamini	Kamini	Kamini	Kamini	Kamini	Kamini
220	PAWAR JANHAVI NARENDRA	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi
221	PAWAR KUNAL PANKAJ	Kunal	Kunal	Kunal	Kunal	Kunal	Kunal	Kunal
222	PAWAR MONIKA PREMSING	Monika	Monika	Monika	Monika	Monika	Monika	Monika
223	PAWAR OJASWINI HEMRAJ	Ojas	Ojas	Ojas	Ojas	Ojas	Ojas	Ojas
224	PAWAR OM RAVINDRA	Om	Om	Om	Om	Om	Om	Om
225	PAWAR PRACHI SUNIL	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi
226	PAWAR PRADIP AABA	Pradip	Pradip	Pradip	Pradip	Pradip	Pradip	Pradip
227	PAWAR PREM PRAKASH	Prem	Prem	Prem	Prem	Prem	Prem	Prem
228	PAWAR RADHIKA SAJAN	Radika	Radika	Radika	Radika	Radika	Radika	Radika
229	PAWAR RANJANA PREMSING	Ranjana	Ranjana	Ranjana	Ranjana	Ranjana	Ranjana	Ranjana
230	PAWAR SUMIT KHANDU	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit

231	PAWAR TUSHAR PRAMOD	P	P	P	P	P	P	P
232	PAWARA AKESH MADAN	31/9/12	31/9/12	31/9/12	31/9/12	31/9/12	31/9/12	31/9/12
233	PAWARA DIPAK RASHID	D	D	D	D	D	D	D
234	PAWARA DIVYA VERSING	VD	VD	VD	VD	VD	VD	VD
235	PAWARA HRITIK SHIVRAM	4x1H	4x1H	4x1H	4x1H	4x1H	4x1H	4x1H
236	PAWARA MANGALSING GYANSING	Gm	Gm	Gm	Gm	Gm		Gm
237	PAWARA RUPA KAWASHYA	Rupa	Rupa	Rupa	Rupa			Rupa
238	PAWARA SAGAR BHIMSING	Bu	Bu	Bu	Bu	Bu	Bu	Bu
239	PAWARA SALONI UTTAM	Saloni	saloni	Saloni	saloni	saloni		
240	PAWARA SUREKHA TUFAN	3/9/12	3/9/12	3/9/12	3/9/12			
241	RAGADE MADHURI CHANDRAKANT	R	R	R	R	R	R	R
242	RAJPUT ANKIT BHIKESING	ankit	ankit	ankit	ankit	ankit	ankit	ankit
243	RAJPUT ANKIT KOMALSING	Rayu	Rayu	Rayu	Rayu	Rayu	Rayu	Rayu
244	RAJPUT BHUSHAN BUDHESING	B	B	B	B	B	B	B
245	RAJPUT CHETANA DHANSING	chetna	chetna	chetna	chetna	chetna	chetna	chetna
246	RAJPUT DIKSHA DARBARISING	S	S	S	S	S	S	S
247	RAJPUT DIPESH RAVINDRA	D	D	D	D	D	D	D
248	RAJPUT HARISH DILIPSING	H	H	H	H	H	H	H
249	RAJPUT HARSHAD KOMALSING	Rayu	Rayu	Rayu	Rayu	Rayu	Rayu	Rayu
250	RAJPUT HARSHADA RAMSING	RA	RA	RA	RA	RA	RA	RA
251	RAJPUT JAYPAL RAJESING	JP	JP	JP	JP	JP	JP	JP
252	RAJPUT KARANSING NARAYANSING	RK	RK	RK	RK	RK	RK	RK
253	RAJPUT KARNAL JAYPALSING	K	K	K	K	K	K	K
254	RAJPUT KUNAL JITENDRA	J	J	J	J	J	J	J
255	RAJPUT MANSI NARENDRA	M	M	M	M	M	M	M
256	RAJPUT MAYURI NIMBESING	M	M	M	M	M	M	M
257	RAJPUT NILESH BHAGWANSING	N	N	N	N	N		
258	RAJPUT PRAJAKTA DARYAVSING	R.D	R.D	R.D	R.D	R.D	R.D	R.D
259	RAJPUT PRATIK JITENDRA							
260	RAJPUT PRITESH GAJENDRASING	RP	RP	RP	RP	RP	RP	RP
261	RAJPUT PUNAM BHIMSING	P	P	P	P	P	P	P

262	RAJPUT RATNADEEP MANASING	Z	Z	Z	Z	Z	Z	Z
263	RAJPUT RHUSHIKESH GANPATSING	R.R	R.R	R.R	R.R	R.R	R.R	R.R
264	RAJPUT ROHIT SURESH	Suresh Rulle	Suresh Rulle	Suresh Rulle	Suresh Rulle	Suresh Rulle	Suresh Rulle	Suresh Rulle
265	RAJPUT RUTUJA SANJAY	Rulle	Rulle	Rulle	Rulle	Rulle	Rulle	Rulle
266	RAJPUT SHIVANI BHARTSING	Shivan	Shivan	Shivan	Shivan	Shivan	Shivan	Shivan
267	RAJPUT SUCHITA MAHENDRASING	A	A	A	A	A	A	A
268	RAJPUT SUNNY KEVALSING	Stval	Stval	Stval	Stval	Stval	Stval	Stval
269	RAJPUT TRUPTI BAHUSAHEB	S	S	S	S	S	S	S
270	RAJPUT VIKRANT CHANDRASING	V	V	V	V	V	V	V
271	RAJPUT YUVRAJSING HIMMATSING	Himut	Himut	Himut	Himut	Himut	Himut	Himut
272	RAMOLE HARSHADA DILIP	Ramole	Ramole	Ramole	Ramole	Ramole	Ramole	Ramole
273	RAMOLE VIDHYA ROHIDAS	R	R	R	R	R	R	R
274	RATHOD AJAY SAIDAS	A	A	A	A	A	A	A
275	RATHOD HEMANGINI RAMCHANDRA	Jugji	Jugji	Jugji	Jugji	Jugji	Jugji	Jugji
276	RATHOD PRERNA PRADIP	RR	RR	RR	RR	RR	RR	RR
277	RAUL GAURAV RAJENDRASING	Gaur	Gaur	Gaur	Gaur	Gaur	Gaur	Gaur
278	RAUT SURAJ SHIVAJI	Sury	Sury	Sury	Sury	Sury	Sury	Sury
279	RAVAL YASHPAL DEVENDRASING	J	J	J	J	J	J	J
280	SAKORE YASH SUNIL	S	S	S	S	S	S	S
281	SALUNKHE SACHIN GULAB	G	G	G	G	G	G	G
282	SANER PRASHANT ASHOK	A	A	A	A	A	A	A
283	SANKHALA MINAKSHI GIRISH	M	M	M	M	M	M	M
284	SAPKAL HARSHALI PRAMOD	S	S	S	S	S	S	S
285	SAPKALE AARYA PREMANAND	A	A	A	A	A	A	A
286	SAPKALE PRANAV SAMBHAJI	S	S	S	S	S	S	S
287	SAVANT SUSHIL PANJABRAO	S	S	S	S	S	S	S
288	SAWALE CHETAN NANDU	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan
289	SHAIKH AADIL SHAKIR	Shai	Shai	Shai	Shai	Shai	Shai	Shai
290	SHAIKH ZAKI RIYAZODDIN	S	S	S	S	S	S	S
291	SHAIKH ADNAN SHAIKH KADAR	S	S	S	S	S	S	S
292	SHENDE POONAM SUDHIR	Poon	Poon	Poon	Poon	Poon	Poon	Poon
293	SHIMPI PAYAL JITENDRA	Shipi	Shipi	Shipi	Shipi	Shipi	Shipi	Shipi

294	SHIMPI REVATI VIKAS	Revati	Revati	Revati	Revati	Revati	Revati	Revati
295	SHINDE DIGVIJAY MAHENDRA	Digvijay	Digvijay	Digvijay	Digvijay	Digvijay	Digvijay	Digvijay
296	SHINDE MADHURI SUNIL	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri
297	SHINDE MANISH DINESH	Manish	Manish	Manish	Manish	Manish	Manish	Manish
298	SHINDE ROHITKUMAR NARAYANBHAI	SRN	SRN	SRN	SRN	SRN	SRN	SRN
299	SHINDE YOGITA JAYWANT	Shinyas	Shinyas	Shinyas	Shinyas	Shinyas	Shinyas	Shinyas
300	SHIRSATH ASHWIN VIJAY	SAV	SAV	SAV	SAV	SAV	SAV	SAV
301	SHIRSATH BINA GOKUL	SBG	SBG	SBG	SBG	SBG	SBG	SBG
302	SHIRSATH DIPIKA SURESH	Dipa	Dipa	Dipa	Dipa	Dipa	Dipa	Dipa
303	SHIRSATH HEMAL RAMESH	Shama	Shama	Shama	Shama	Shama	Shama	Shama
304	SHIRSATH MAYUR SURESH	MPP	MPP	MPP	MPP	MPP	MPP	MPP
305	SHIRSATH REKHA MADHU	Rama	Rama	Rama	Rama	Rama	Rama	Rama
306	SHIRSATH SIDDHARTH AMRUT	SSA	SSA	SSA	SSA	SSA	SSA	SSA
307	SONAR PRAMOD LOTAN	SPR	SPR	SPR	SPR	SPR	SPR	SPR
308	SONAWANE DHANSHRI GOKUL	SDG	SDG	SDG	SDG	SDG	SDG	SDG
309	SONAWANE HARSHWARDHAN RATAN	SPW	SPW	SPW	SPW	SPW	SPW	SPW
310	SONAWANE HEMRAJ BHASKAR	SHB	SHB	SHB	SHB	SHB	SHB	SHB
311	SONAWANE NANDINI DIPAK	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane
312	SONAWANE NIKHIL JAYESH	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
313	SONAWANE RITIKA PRAKASH	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane
314	SONAWANE ROHIT BHAGVAT	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane
315	SONAWANE SAURABH DNYANESHWAR	SSD	SSD	SSD	SSD	SSD	SSD	SSD
316	SONAWANE UDAY RAJDHAR	SHR	SHR	SHR	SHR	SHR	SHR	SHR
317	SURYAVANSHI PRIYA VIJAY	Prms	Prms	Prms	Prms	Prms	Prms	Prms
318	SURYAVANSHI MAYUR MANOHAR	Smm	Smm	Smm	Smm	Smm	Smm	Smm
319	SURYAVANSHI PRASAD SAGAR	SPG	SPG	SPG	SPG	SPG	SPG	SPG
320	SURYAVANSHI PUSHPENDRA HEMANT	PHM	PHM	PHM	PHM	PHM	PHM	PHM
321	SUTAR PUNAM SANJAY	Sutar	Sutar	Sutar	Sutar	Sutar	Sutar	Sutar
322	SUTAR SAKSHI RAJENDRA	Pur	Pur	Pur	Pur	Pur	Pur	Pur
323	TAMBOLI PIYUSH YUVRAJ	TB	TB	TB	TB	TB	TB	TB
324	TAMKHANE BHARATI ASHOK	TB	TB	TB	TB	TB	TB	TB
325	TAMKHANE KAMINI	TB	TB	TB	TB	TB	TB	TB



	SHYAMKUMAR							
326	TATU AKASH INDALSING	<del>Tants</del>	<del>Tants</del>	<del>Tants</del>	<del>Tants</del>	<del>Tants</del>	<del>Tants</del>	<del>Tants</del>
327	TAYADE CHANCHAL BALU	<del>Tayade</del>	<del>Tayade</del>	<del>Tayade</del>	<del>Tayade</del>	<del>Tayade</del>	<del>Tayade</del>	<del>Tayade</del>
328	THAKARE HEMANGI RAVSAHEB	<del>Thakar</del>	<del>Thakar</del>	<del>Thakar</del>	<del>Thakar</del>	<del>Thakar</del>	<del>Thakar</del>	<del>Thakar</del>
329	THAKARE KAPIL PRAVINKUMAR	<del>Thakar</del>	<del>Thakar</del>	<del>Thakar</del>	<del>Thakar</del>	<del>Thakar</del>	<del>Thakar</del>	<del>Thakar</del>
330	THAKARE NITA KAILAS	<del>Thakar</del>	<del>Thakar</del>	<del>Thakar</del>	<del>Thakar</del>	<del>Thakar</del>	<del>Thakar</del>	<del>Thakar</del>
331	THAKUR DARSHAN DINESH	<del>Thakur</del>	<del>Thakur</del>	<del>Thakur</del>	<del>Thakur</del>	<del>Thakur</del>	<del>Thakur</del>	<del>Thakur</del>
332	THAKUR NAYANA RAMESH	<del>Thakur</del>	<del>Thakur</del>	<del>Thakur</del>	<del>Thakur</del>	<del>Thakur</del>	<del>Thakur</del>	<del>Thakur</del>
333	THORAT HARSHAL HARISH	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>
334	THORAT NANDINI JALINDAR	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>
335	THORAT ROHAN SANJAY	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>
336	THORAT ROHIT KAILAS	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>
337	THORAT VISHAL DIPAK	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>	<del>Thorat</del>
338	TORAWANE SONALIKA LOTAN	<del>Torawane</del>	<del>Torawane</del>	<del>Torawane</del>	<del>Torawane</del>	<del>Torawane</del>	<del>Torawane</del>	<del>Torawane</del>
339	VADAR SAGAR KISHOR	<del>Vadar</del>	<del>Vadar</del>	<del>Vadar</del>	<del>Vadar</del>	<del>Vadar</del>	<del>Vadar</del>	<del>Vadar</del>
340	VALVI NILESH DIPAK	<del>Valvi</del>	<del>Valvi</del>	<del>Valvi</del>	<del>Valvi</del>	<del>Valvi</del>	<del>Valvi</del>	<del>Valvi</del>
341	VANJARI MANISH SUNIL							
342	VANJARI PANKAJ SUKHA							
343	VANJARI SUKHADA SAGAR							
344	VARULE GAURAV VIJAY							
345	BEDASE VINIT BHARAT							
346	WADILE DIPALI HARI	<del>Wadile</del>	<del>Wadile</del>	<del>Wadile</del>	<del>Wadile</del>	<del>Wadile</del>	<del>Wadile</del>	<del>Wadile</del>
347	WADILE PREET LAXMAN	<del>Wadile</del>	<del>Wadile</del>	<del>Wadile</del>	<del>Wadile</del>	<del>Wadile</del>	<del>Wadile</del>	<del>Wadile</del>
348	WAGH ABHISHEK SUBHASH	<del>Wagh</del>	<del>Wagh</del>	<del>Wagh</del>	<del>Wagh</del>	<del>Wagh</del>	<del>Wagh</del>	<del>Wagh</del>
349	WAGH JANHVI ASHOK							
350	WAGH NITIN KAILAS							
351	WAGH REVTI RAVINDRA							
352	WAKADE NEHA SANJAY							
353	WANI CHETAN KAILASH							
354	WANI HETAL PRAVIN	<del>Wani</del>	<del>Wani</del>	<del>Wani</del>	<del>Wani</del>	<del>Wani</del>	<del>Wani</del>	<del>Wani</del>
355	WANKHEDE SUMIT TUKARAM							
356	WARKE TILOTTAMA DATTATRAY							
357	WARUDE HARSHADA NIMBA	<del>Warude</del>	<del>Warude</del>	<del>Warude</del>	<del>Warude</del>	<del>Warude</del>	<del>Warude</del>	<del>Warude</del>
358	WARUDE JAYESH VILAS							
359	WARULE DIMPAL AMOL							
360	YESIKAR JAGRATI VIJAY							
361	ZALTE NAYAN RAJENDRA							
362	ZODPE RACHANA GAJANAN							
363	AHIRRAO TEJASWINI VINAYAK	<del>Ahirrao</del>	<del>Ahirrao</del>	<del>Ahirrao</del>	<del>Ahirrao</del>	<del>Ahirrao</del>	<del>Ahirrao</del>	<del>Ahirrao</del>

364	BANJARA SHILPA BHATUSING	Bshu	Bshu	Bshu	Bshu	A	Bshu	Bshu
365	BARI JANHAVI JITENDRA	J.J. Bar	J.J. Bar	J.J. Bar	J.J. Bar	J.J. Bar	A	J.J. Bar
366	BARI YOGITA ANANT	A	B.Y. An	B.Y. An	B.Y. An	B.Y. An	A	B.Y. An
367	BAVISKAR CHINMAYI YOGESH	C.Y. Bav	C.Y. Bav	C.Y. Bav	C.Y. Bav	A	C.Y. Bav	C.Y. Bav
368	BAVISKAR HARSHAL VISHNU	HVB	HVB	HVB	A	HVB	HVB	HVB
369	BAVISKAR PAYAL DNYANESHWAR	P.P.B	P.P.B	P.P.B	P.P.B	P.P.B	P.P.B	A
370	BAVISKAR ROHAN JAGDISH	R.J. Bav	R.J. Bav	A	R.J. Bav	R.J. Bav	A	R.J. Bav
371	BEHERE KOMAL RAJENDRA	Beher	Beher	A	Beher	Beher	A	Beher
372	BELDAR PRASHANT SURESH	Prashant Beldar	Prashant Beldar	Prashant Beldar	Prashant Beldar	Prashant Beldar	Prashant Beldar	Prashant Beldar
373	BHAMARE DHANASHRI KAILAS	D.K. Bha	D.K. Bha	D.K. Bha	D.K. Bha	D.K. Bha	D.K. Bha	D.K. Bha
374	BHAMARE JAYASHRI PUNDALIK	Bha P	Bha P	Bha P	Bha P	Bha P	Bha P	Bha P
375	BHAMRE SADHANA ANIL	Bhamre	Bhamre	Bhamre	Bhamre	Bhamre	Bhamre	Bhamre
376	BHAVARE UMESH LAHU	U. Bha	U. Bha	U. Bha	U. Bha	U. Bha	U. Bha	U. Bha
377	BHOI NEHA SURESH	N.S. Bhoi	N.S. Bhoi	N.S. Bhoi	N.S. Bhoi	N.S. Bhoi	N.S. Bhoi	N.S. Bhoi
378	BILADI NILESH SHRIKRUSHNA	Nilesh	Nilesh	Nilesh	Nilesh	Nilesh	Nilesh	Nilesh
379	BORASE ASHWINI RAJENDRA	Borase	Borase	Borase	Borase	Borase	Borase	Borase
380	BORASE NILESH YOGESH	Nilesh	Nilesh	Nilesh	Nilesh	Nilesh	Nilesh	Nilesh
381	BORASE SHUBHAM GULAB	Borase	Borase	Borase	Borase	Borase	Borase	Borase
382	BORASE VARSHA ANAND	N.B.	N.B.	N.B.	N.B.	N.B.	N.B.	N.B.
383	BORSE NAMRATA RAVINDRA	N.B.	N.B.	N.B.	N.B.	N.B.	N.B.	N.B.
384	BORSE NEHA VITTHAL	N.B.	N.B.	N.B.	N.B.	N.B.	N.B.	N.B.
385	BORSE TRUPTI SHANTARAM	N.B.	N.B.	N.B.	N.B.	N.B.	N.B.	N.B.
386	CHACHARE BHAGYASHRI KIRAN	Chachare	Chachare	Chachare	Chachare	Chachare	Chachare	Chachare
387	CHAINANI ROSHANI GANESHKUMAR	Chainani	Chainani	Chainani	Chainani	Chainani	Chainani	Chainani
388	CHAUDHARI ANITA VASANT	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.
389	CHAUDHARI ARCHITA SURESH	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.
390	CHAUDHARI BHAVESH DHANRAJ	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.
391	CHAUDHARI BHUSHAN RAJENDRA	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.
392	CHAUDHARI DARSHAN DILIP	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.
393	CHAUDHARI DIVYA	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.	Chaudh.

	KISHOR							
394	CHAUDHARI DIVYA SANJAY	<del>Sanjay</del>	<del>Sanjay</del>	<del>Sanjay</del>	<del>Sanjay</del>	<del>Sanjay</del>	<del>Sanjay</del>	<del>Sanjay</del>
395	CHAUDHARI PAWAN ASHOK	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan
396	CHAUDHARI RONAKBHAI PRAVINBHAI	Ron	Ron	Ron	Ron	Ron	Ron	Ron
397	CHAUDHARI SAYALI RAVINDRA	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali
398	CHAUHAN SAGAR CHANDRASING	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar
399	CHAVAN AMRUTA SATISH	Amr	Amr	Amr	Amr	Amr	Amr	Amr
400	CHAVAN NANDINI PRABHAKAR	<del>Nandini</del>	<del>Nandini</del>	<del>Nandini</del>	<del>Nandini</del>	<del>Nandini</del>	<del>Nandini</del>	<del>Nandini</del>
401	CHAVHAN DARSHAN DILIP	C.D.D	C.D.D	C.D.D	C.D.D	C.D.D	C.D.D	C.D.D
402	CHITTE MAYUR SANJAY	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur
403	CHITTE RUCHIRA SURESH	Ruchir	Ruchir	Ruchir	Ruchir	Ruchir	Ruchir	Ruchir
404	DEORE AMRAPALI VISHWAS	Deore	Deore	Deore	Deore	Deore	Deore	Deore
405	DEORE DEVYANI ASHOK	Devi	Devi	Devi	Devi	Devi	Devi	Devi
406	DEORE DEVYANI VIJAY	Devi	Devi	Devi	Devi	Devi	Devi	Devi
407	DEORE HARSHADIP BHAGWAN	Hare	Hare	Hare	Hare	Hare	Hare	Hare
408	DEORE JAYESH SANJU	Jayesh	Jayesh	Jayesh	Jayesh	Jayesh	Jayesh	Jayesh
409	DESALE HEMANGEE MANOJ	Hemal	Hemal	Hemal	Hemal	Hemal	Hemal	Hemal
410	DESALE KUNAL RANJEET	D.K.R	D.K.R	D.K.R	D.K.R	D.K.R	D.K.R	D.K.R
411	DESHMUKH KAJAL PRADIPSING	Kajal	Kajal	Kajal	Kajal	Kajal	Kajal	Kajal
412	DESHMUKH LALIT SANJAY	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit
413	DHAKAD MEGHANA SANTOSH	<del>Meghad</del>	<del>Meghad</del>	<del>Meghad</del>	<del>Meghad</del>	<del>Meghad</del>	<del>Meghad</del>	<del>Meghad</del>
414	DHANGAR AAKANKSHA BHILA	Aakanksh	Aakanksh	Aakanksh	Aakanksh	Aakanksh	Aakanksh	Aakanksh
415	DHANGAR GIRISH PANDURANG	Girish	Girish	Girish	Girish	Girish	Girish	Girish
416	DHANGAR MANSI SANJAY	Mansi	Mansi	Mansi	Mansi	Mansi	Mansi	Mansi
417	DHANGAR NEHA VISHNU	Neha	Neha	Neha	Neha	Neha	Neha	Neha
418	DHANGAR RAHUL MAHARU	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
419	DORIK KALYANI PREMRAJBHAI	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani
420	GADGE SNEHA RAJENDRA	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha



R. C. Patel Educational Trust's

**R. C. Patel Arts, Commerce & Science College, Shirpur**

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## **STATEMENTS OF MARKS**

**Value Added Course in- Environmental Ethics, Water Resource Management, Water Pollution, and Health**

**Examination Held in- March-2023**

**Student Name: Chaudhari Rhuchita Dilip**

**College Name: R. C. Patel Arts Commerce and Science College, Shirpur**

**Seat Number: VAC 01-22**

<b>Paper Code</b>	<b>Paper Name</b>	<b>AM</b>	<b>Marks (Max.)</b>	<b>Marks Obtained</b>
ZOO-01	<b>Environmental Ethics, Water Resource Management, Water Pollution, and Health</b>	TH	100	85

**Result: Pass**

**Marks Obtained: 85**

**Grade: A**



**Co-ordinator**

**Abbreviations:**

**AM:** Assessment Methods, **P:** Pass, **F:** Fail, **AB:** Absent, **RR:** Result Reserved, **TH:** Theory, **PR:** Practical, **O:** Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Chaudhari Ruchita Dilip has pursued a value added course and passed the requisite examination held in March - 2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Enviromental Ethics, Water Resource Management  
Water pollution & Health



[Signature]  
Course Co-ordinator

[Signature]  
Co-ordinator

[Signature]  
Principal

Certificate No.:



**R. C. Patel Arts, Commerce and Science  
College, Shirpur**

Department Computer Science  
Value Added Course in  
**Network Security**



**A.Y-2022-23**

**Syllabus of the Value Added Course of  
Network Security  
Total Period: - 33 hrs. (Credits: - 02)**

**Unit I**

**12 Hrs**

- Introduction 5 L Need of Security
- Security approaches
- Principles of Security
- Anti-virus Software
- Access Control
- Firewall
- Smart cards
- Biometric
- Encryption
- Physical Security Mechanisms.

**Unit II**

**7 Hrs**

- Malicious Software 5 L Types of Malicious Software .
- Viruses
- Virus Countermeasures
- Worms
- Distributed Denial of Service Attacks.

**Unit III.**

**13 Hrs.**

- Types of Attack 5 L Snooping
- Eavesdropping
- Interception
- Denial of Service attack
- Hacking Techniques – Open Sharing
- Bad Passwords
- Programming Flaw
- Sniffing Switch Network
- IP Spoofing.

❖ **Duration :-** two week

❖ **Time Table of course for Two week**

Time	Mon	Thu	Wed	Thus	Fri	Sat
11:00am to 11:50am	TH	TH	TH	TH	TH	TH
2:00am to 4:00am	lab	lab	lab	lab	lab	lab

Eligibility Criteria: 12<sup>th</sup> Pass

**1. List of references :-**

- Textbook of Web Designing By Joel Sklar, Cengage Learning Publication 2009

- Web designing in Nut Shell (Desktop Quick Reference) by Jennifer Niederst Publication 'Reilly publication
- Designing web navigation by James Kalbach Publication – O'Reilly publication Textbook of Web Designing By Joel Sklar, Cengage Learning Publication 2009 ISBN, 1423901940

1. Fundamental of Network Security – Eric Maiwald ISBN-10: 0072230932
2. Cryptography and Network security – Atul Kahate, ISBN-10: 0070151458
3. Cryptography and Network security- 5th Edition, William stalling, ISBN: 9788131761663

**R. C. Patel Arts, Commerce and Science College, Shirpur**  
**Department of Computer Science**  
**Sub: - Network Security**

**Academe year: - 2022-2023**

**Total marks: - 50**

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**Q.1 Write answers of following questions. (Any 10 Each question For 5marks)**

1. What is the purpose of Anti-virus Software in network security?
2. Explain the concept of Access Control in network security.
3. What role does a Firewall play in protecting a network?
4. Describe how Smart cards contribute to network security.
5. What is the significance of Biometric authentication in network security?
6. How does Encryption enhance data security in networks?
7. Define Malicious Software and provide examples.
8. How do Viruses spread and what are the countermeasures?
9. What are Worms and how can they is mitigated?
10. Explain Distributed Denial of Service (DDoS) Attacks.
11. Define Snooping and Eavesdropping in the context of network security.

**R. C. Patel Arts, Commerce and Science College, Shirpur**  
**Department of Computer Science**  
**Sub:-Network Security**

**Academe year: - 2022-2023**

**Total marks: - 50**

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**Write Program of following List. (Any 2 each question For 25 marks)**

1. Setting up and configuring an Anti-virus Software on a computer.
2. Configuring and testing Access Control rules on a router or firewall.



3. Demonstrating how a Firewall filters incoming and outgoing network traffic.
4. Using a Smart card for authentication and access control to a system.

**R. C. Patel Arts Commerce Science College, Shirpur**  
**Department of Computer Science**  
**“Network Security”**  
**Student Admitted List (A.Y. 2022-2023)**

Roll No	Student Name
1.	Patil Mansi Sharad
2.	Patil Kapil Narayan
3.	Girase Jagruti Komalsing
4.	Mahajan Gunjan Chandrakant
5.	Pawar Sushma Premsing
6.	Patil Hitesh Santosh
7.	Mali Ruchita Anil
8.	Patil Yogesh Himat
9.	Deore Devyani Ashok
10.	Patil Hitesh Arun
11.	Dhangar Neha Vishanu
12.	Patil Ashwini Chotu
13.	Jadhav Nisha Kantilal
14.	Rajput Jagruti Sanjay
15.	Chaudhari Anita Ashok
16.	Pawara Utkarsha Shildar
17.	Borse Nilesh Yogesh
18.	Patil Vaishanvi Dilip
19.	Patil Priyanka Devidas
20.	Vispute Manohar Vijay
<b>21.</b>	Patil Rohit Datatray
<b>22.</b>	Mahale Akshay Sanjay

<b>Roll No</b>	<b>Student Name</b>
23.	Patil Mansi Sharad
24.	Mahajan Gujan Chandrakant
25.	Patil Kapil Narayan
26.	Patil Hitesh Santosh
27.	Mali Ruchita Anil
28.	Dhangar Neha Vishanu
29.	Shirsath Dipak Vithal
30.	Rajput Jagruti Sanjay
31.	Bhamre Nisha Mahesh
32.	Jadhav Jagruti Bhagvan
33.	Badgujar Puja Prakash
34.	Wagh Sarika Ashok
35.	Pawar Sandesh Saysing
36.	Patil Kapil Narayan
37.	Thorat Ashwini vasan
38.	Patil Tejaswini Sandip
39.	Patil Komal Hambir
40.	Dhangar Neha Vishanu



R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College, Shirpur

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## STATEMENTS OF MARKS

Value Added Course in- Network Security

Examination Held in- April-2023

Student Name: Mahajan Gujan Chandrkant

College Name: R. C. Patel Arts Commerce and Science College, Shirpur

Seat Number: VAC 25-32

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
COM-01	Network Security	TH	50	45
COM-02	Network Security	PT	50	49

Result: Pass

Marks Obtained: 94

Grade: O



Co-ordinator

Abbreviations:

AM: Assessment Methods, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, TH: Theory,

PR: Practical, O: Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



R.C. PATEL EDUCATIONAL TRUST

## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Mahajan Gujan Chandkant has pursued a value added course and passed the requisite examination held in April - 2023 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Network Security



*Patil*

Course Co-ordinator

*Upkar*

Co-ordinator

*Beate*

Principal

Certificate No.: 2023/25/032/5

R. C. Patel.. Arts, Commerce and Science college Shirpur

Department of Computer Science

Value Added Course of **NETWORK SECURITY**

Attendance — 2022 — 23

Sr. No	Name of the Student	8/8/2022	9/8/2022	10/8/22	11/8/2022	12/8/22	13/8/22	15/8/22	16/8/22	17/8/22	19/8/22	20/8/22
1	Rahi mansi shorod	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	Rahi Kapi Narayan	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	Ghose Jagruti K.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4	mohajan Gunjan C.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
5	Pavur sushma P.	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6	Pahl Hitesh santosh	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7	mali Ruchita Anil	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
8	Pahl Yogesh Himad	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
9	Deore Devyani A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
10	Rahi Hitesh Arun	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
11	Dhangor Neha V	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
12	Rahi Ashwini Chitu	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
13	Tadhav Nishakanti	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
14	Rajput Jagruti sanjay	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
15	Chaudhari Anit Ashok	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
16	Pavur utkarsha shikhar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
17	Bhise Nilesh Yogesh	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
18	Rahi Vaishnavi Dilip	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
19	Rahi Priyanka D	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
20	vispute manohar vijay	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

Head of the Department



# **R. C. Patel Arts, Commerce and Science College, Shirpur**

Department Computer Science

Value Added Course in 2022-2023

**Web Development**

**A.Y-2022-23**

# **R. C. Patel Arts Commerce Science College, Shirpur**

## **Department of Computer Science**

### **VALUE ADDED COURSES In Web Development**

#### **AIM**

- Prepare individuals with any level of experience or technical knowledge for a career in web development.
- A web developer's job is to create websites.
- While their primary role is to ensure the website is visually appealing and easy to navigate, many web developers are also responsible for the website's performance and capacity.

#### **COURSE OBJECTIVE**

- This course will introduce you to the realm of web design.
- The first and necessary step for that goal is to understand how HTML works, and then we will proceed to more advanced and complicated structures and concepts of web design, such as CSS and layout control.
- Enhance the quality of learning and teaching with new concepts of internet and web development.

## **Syllabus Value Added Course in Web Development Total Period: - 35 hrs. (Credits: - 02)**

#### **Unit I.**

**17 Hrs.**

- What is web development?
- Difference between Front-end and Back-end language.
- Intro to HTML and CSS
- HTML Fundamentals
- Introduction to basics of HTML
- Basic Components of HTML
- HTML Tags, Head, and Title Tags, Body Tags,
- Bold Text, Italic Text, Underline, HTML Headings
- Background Images and Color

## Unit II

### Formatting Text and Images with HTML

18 Hrs.

- Ordered List Tags, Unordered List Tags and Attributes
- Font Tags, Font Attributes
- Marquee Tag and Attributes
- Image Tags and Attributes
- Creating HTML Forms
- CSS Fundamentals
- Introduction to Programming Using JavaScript
- Websites with Style: CSS Properties, Colors and Fonts
- Creating Web Applications Using HTML CSS Java Script.

❖ **Duration :-** two week

❖ **Time Table of course for Two week**

Time	Mon	Thu	Wed	Thus	Fri	Sat
11:00am to 11:50am	TH	TH	TH	TH	TH	TH
2:00am to 4:00am	lab	lab	lab	lab	lab	lab

2. Eligibility Criteria : 12<sup>th</sup> Pass

### 3. List of references :-

- Textbook of Web Designing By Joel Sklar, Cengage Learning Publication 2009
  - Web designing in Nut Shell (Desktop Quick Reference) by Jennifer Niederst Publication 'Reilly publication
  - Designing web navigation by James Kalbach Publication – O'Reilly publication Textbook of Web Designing By Joel Sklar, Cengage Learning Publication 2009 ISBN, 1423901940
  -
1. Richard Anderson, Brian Francis, Alex Homer, Rob Howard, David Sussman, Karli Watson(2002), Professional ASP.NET 1.0, Special Edition, Wrox Press Ltd., 2002, ISBN 1-861007-0-3-5.
  2. Chris Hart, John Kauffman, Dave Sussman, and Chris Ullman (2006), Beginning ASP.NET 2.0, Wiley Publishing, Inc., 2006, ISBN-13: 978-0-7645-8850-1, ISBN-10: 0-7645-8850- 8.
  3. Beginning ASP.NET 4: in C# and VB, Imar Spaanjaars, Wiley Publishing, Inc 2010.ISBN: 978-0-470-50221-1
  4. Bill Evjen, Scott Hanselman, Devin Rader (2008), Professional ASP .NET 3.5 in C# and VB, Wiley Publishing Inc.,2008 ISBN:978-0-470-18757-9.
  5. Dino Esposito (2008), Programming Microsoft ASP.NET 3.5, Second Edition, Microsoft Press, 2008, ISBN-10: 0735625271, ISBN-13: 978-0735625273



**R. C. Patel Arts, Commerce and Science College, Shirpur**  
**Department of Computer Science**  
**Sub: - Web-Development**

**Academe year: - 2022-2023**

**Total marks:- 50**

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**Q.1 Write answers of following questions. (Any 10 each question For 5marks)**

1. Demonstrate Dropdown List box, CheckButtonList, RadioButtonList controls.
2. Demonstrate Data binding using Hash table, ArraryList, Data Table data sources.
3. Demonstrate Repeater control with the help of various templates.
4. Demonstrate paging, sorting, filtering of data in asp:DataGrid/DataGridView.
5. Demonstrate editing process in Data Grid and Data List controls. Make use of necessary templates for proper visual appearance.
6. Demonstrate State Management features of ASP.NET using sample shopping cart application.
7. Create sample website for demonstrating use of Profiles/Themes using skin files.
8. Write VB.Net/C# console applications to demonstrate: OO concepts: polymorphism, encapsulation, inheritance, interface inheritance, abstract classes/methods, overloading, overriding, collection classes, properties
9. Demonstrate Properties of website navigation controls
10. Demonstrate editing in Data Table objects.

**R. C. Patel Arts, Commerce and Science College, Shirpur**  
**Department of Computer Science**  
**Sub: - Web-Development**

**Academe year:- 2022-2023**

**Total marks:- 50**

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**Write Program of following List. (Any 2 Each question For 25 marks)**

1. Create web page using Different Formatting tag.
2. Create Web page with different Images.
3. Create web page using Marquee Tag

**R. C. Patel Arts Commerce Science College, Shirpur**

**Department of Computer Science**

**“Web Development”**

**Student Admitted List (A.Y. 2022-2023)**

<b>Roll No</b>	<b>Student Name</b>
1	Patil Mansi Sharad
2	Patil Kapil Narayan
3	Girase Jagruti Komalsing
4	Mahajan Gunjan Chandrakant
5	Pawar Sushma Premsing
6	Patil Hitesh Santosh
7	Mali Ruchita Anil
8	Patil Yogesh Himat
9	Deore Devyani Ashok
10	Patil Hitesh Arun
11	Dhangar Neha Vishanu
12	Patil Ashwini Chotu
13	Jadhav Nisha Kantilal
14	Rajput Jagruti Sanjay
15	Chaudhari Anita Ashok
16	Pawara Utkarsha Shildar
17	Borse Nilesh Yogesh
18	Patil Vaishanvi Dilip
19	Patil Priyanka Devidas
20	Vispute Manohar Vijay

<b>21</b>	Patil Rohit Datatray
<b>22</b>	Mahale Akshay Sanjay
<b>23</b>	Patil Mansi Sharad
<b>24</b>	Mahajan Gujan Chandrakant
<b>25</b>	Patil Kapil Narayan
<b>26</b>	Patil Hitesh Santosh
<b>27</b>	Mali Ruchita Anil
<b>28</b>	Dhangar Neha Vishanu
<b>29</b>	Shirsath Dipak Vithal
<b>30</b>	Rajput Jagruti Sanjay
<b>31</b>	Bhamre Nisha Mahesh
<b>32</b>	Jadhav Jagruti Bhagvan
<b>33</b>	Badgujar Puja Prakash
<b>34</b>	Wagh Sarika Ashok
<b>35</b>	Pawar Sandesh Saysing
<b>36</b>	Patil Kapil Narayan
<b>37</b>	Thorat Ashwini vasan
<b>38</b>	Patil Tejaswini Sandip
<b>39</b>	Patil Komal Hambir
<b>40</b>	Dhangar Neha Vishanu

For Office Use only

Application for the Value Added Course -

A.Y- 2022-23

R.C.Patel Educational Trust's

**R.C.Patel Arts Commerce and Science  
College**

Shirpur, Dist-Dhule, M.S. 425405

(NAAC Accredited Institute)

To,

The Principal

R.C.Patel Arts, Commerce and Science College,

Shirpur

Sir,

I wish to get admitted to as Students for the Mahajan Gunjan Chandrakant

Gnaji  
(Name and Signature of the Candidate)

**PETICULAR OF CANDIDATE**

1. Name in Full (Surname First) : mahajan Gunjan chandrakant  
Surname Name Father/Husband
2. Address for Correspondence : kranti nagar, shirpur
3. Email Id : mahajangunjan1422@gmail.com
4. Phone No/Mob.No : 9503522783
5. Father's/Husband Name : chandrakant laxman mahajan
- 6.
7. Sex(Male/Female) : Female
8. Nationality : Indian
9. Date of Birth (dd/mm/yy) : 22/8/2002
10. Put the tick ( ) mark(s) in the Appropriate box (es) Applicable in your case

SC	ST	DT	NT-1	NT-2	NT-3	SBC	OBC	Open	PH	DSP

P.H:Physically Handicapped ; DSP :Ward of Defence Service Person

R. C. Patel.. Arts, Commerce and Science college Shirpur

Department of Computer Science

Value Added Course of Web development - 2022-23

Attendance

Sr. No	Name of the Student	11/08/22	21/8/2022	31/8/2022	4/8/2022	5/8/2022	6/8/2022	8/8/2022	9/8/2022	10/8/2022	11/8/22	12/8/22	13/8/22
1	Patil mansi shorad	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	Patil Kapi Narayan	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
3	Chase Jagruti K	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4	mahaajan Gunjan C	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
5	Patel sushma P	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6	Patil Hitesh Santhosh	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7	mai Purthia Anil	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
8	Patil Yogesh Himat	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
9	Deore Devvori A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
10	Patil Hitesh Anun	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
11	phangar neha V	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
12	Patil Ashwini cheti	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
13	jadhav nishu kanhina	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
14	Patel varun S sonjay	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
15	chouhari Anita Ashi	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
16	Patel utkarsh shivaji	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
17	Bhaskar Nitesh vasesh	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
18	Patil Vaishnavi Dilip	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
19	Patil priyanka D	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
20	nigude manohar vijay	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

Head of the Department

**R.C.Patel Arts Commerce Science College, Shirpur**  
**Department of Computer Application and Management**  
**Value Added Courses of Web-Development ATTENDANCE**  
(A-V-2022-23)

Roll No	Student Name	13-2-23	14-2-23	15-2-23	16-2-23	17-2-23	20-2-23	21-2-23	22-2-23	23-2-23	24-2-23	25-2-23	27-2-23
1	Ahire Chetana Rajendra	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
2	Badgujar Nilesh Shantaram	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
3	Banskar Vinish Jagdish	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
4	Bhadane Kalyani Rajendra	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
5	Pawar Sanika R	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
6	Dewale Tanmay Jagdish	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
7	Dhangar Ganesh Ravsaheb	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
8	Koli Ashwini Rajendra	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
9	Landage Uday Vilas	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
10	Mahajan Gayatri Rajmal	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
11	Bondre Snehal Mukesh	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
12	Chaudhari Gaurav Manoj	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
13	Chaudhari Mohit Vasudev	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
14	Chaudhari Rohan Ravindra	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
15	Chaudhari Shailesh Gulab	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
16	Chaudhari Vaibhavi Shantilal	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
17	Dessale Kunal Dipak	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
18	Patil Bhupendra Nandilal	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
19	Patil Chandrakant Shantilal	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
20	Dhangar Kalpesh Shrawan	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
21	Dhangar Kunal Kalas	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
22	Gadhe Nilesh Mahendra	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
23	Girase Anuskshta Narendra	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
24	Girase Pushparaj Sanjivsing	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
25	Girase Suyog Sanjay	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
26	Girase Tejendra Bhimsing	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS



सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Deore Mayuri Sanjay has pursued a value added course and passed the requisite examination held in March-2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Web Development (C.S)

Seal

  
Course Co-ordinator

  
Co-ordinator

  
Principal

Certificate No.:





R. C. Patel Educational Trust's

**R. C. Patel Arts, Commerce & Science College, Shirpur**

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## STATEMENTS OF MARKS

**Value Added Course in- Web Development (CS)**

**Examination Held in- April-2023**

**Student Name: Mahajan Gunjan Chandrakant**

**College Name: R.C.Patel Arts Commerce and Science College, Shirpur**

**Seat Number: VAC 32-020**

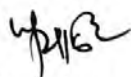
Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
CS-03	Web Development	TH	50	42
CS-04	Practical on Web	PR	50	47

**Result: Pass**

**Marks Obtained: 89**

**Grade: A**



  
**Co-ordinator**

**Abbreviations:**

**AM:** Assessment Methods, **P:** Pass, **F:** Fail, **AB:** Absent, **RR:** Result Reserved, **TH:** Theory,  
**PR:** Practical, **O:** Outstanding Grade

# R. C. Patel Art's Commerce and Science College, Shirpur

## Department of Physics and Electronics

### VALUE ADDED COURSE

**A.Y-2022-23**

- Eligibility criteria: Student should complete BSC Physics.
- Medium of Instruction: English

Semester	Course Code	Course Category	Hours / Week	Credits	Marks for Evaluation		
					TH	PR	Total
I	PHY-001	VALUE ADDED COURSE - I	30	2	60	40	100
<b>Course Title</b>	Understanding Physics using MATLAB.						
<b>Aim/ Course Description</b>	This course aims to provide PG students with a solid foundation in both theoretical physics and practical MATLAB skills, preparing them for research, Academia or professional roles in physics and related disciplines.						
<b>Course Objectives</b>	1. To provide PG students with a comprehensive understanding of key Physics principles and concepts. 2. To equip students with advanced MATLAB programming skills tailored for physics applications. 3. To foster critical thinking and problem-solving abilities in the context of physics problems and simulations. 4. To encourage independent research and project work applying MATLAB to physics-related challenges. 5. To prepare students for further academic or professional pursuits in Physics or related fields.						

<b>Syllabus</b>		
<b>Unit</b>	<b>Contents</b>	<b>Hours</b>
<b>I</b>	<b>Introduction to MATLAB for Physics:</b> 1.1 MATLAB environment overview 1.2 Basic commands, scripting, and programming constructs 1.3 Working with matrices and arrays 1.4 Plotting and visualization techniques	<b>06</b>
<b>II</b>	<b>Classical Mechanics:</b> 2.1 Central force motion 2.2 Newtonian mechanics revisited 2.3 Lagrangian and Hamiltonian mechanics 2.4 MATLAB applications in classical mechanics simulations and problem-solving	<b>08</b>
<b>III</b>	<b>Quantum Mechanics:</b> 3.1 Wave-particle duality 3.2 Schrodinger equation and its solutions 3.3 Quantum harmonic oscillator 3.4 Quantum tunneling and the uncertainty principle 3.5 MATLAB applications in quantum mechanics simulations and numerical solutions	<b>08</b>
<b>IV</b>	<b>Computational Physics:</b> 4.1 Introduction to computational techniques in physics 4.2 Numerical methods for solving differential equations 4.3 Monte Carlo simulations 4.4 MATLAB applications in computational physics projects	<b>08</b>

Reference and Text Book:

- Fundamentals of Computers" by V. Rajaraman.
- Computer Basics for Beginners" by Teach Ucomp, Inc.
- Computer Literacy Basics: A Comprehensive Guide to IC3" by Connie Morrison and Dolores Wells.
- Information Technology: Basics for Beginners" by Prof. Satish Jain.
- Microsoft Office 365 Essentials Quick Reference Guide" by Beezix Inc.
- Computer Fundamentals and Information Technology" by S. Jaiswal.
- Computers and Information Technology" by P.K. Sinha and Priti Sinha.
- Computer Basics for Absolute Beginners" by Nathan Clark.



Dr. D. R. Patil  
(Principal)

## Time Table of course lectures

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
4-5 pm	-	-	01/03/2023	02/03/2023	03/03/2023	04/03/2023	-
4-5 pm	06/03/2023	-----	08/03/2023	09/03/2023	10/03/2023	11/03/2023	-
4-5 pm	13/03/2023	14/03/2023	15/03/2023	16/03/2023	17/03/2023	18/03/2023	-
4-5 pm	20/03/2023	21/03/2023	-----	23/03/2023	24/03/2023	25/03/2023	-
4-5 pm	27/03/2023	28/03/2023	29/03/2023	-----	31/03/2023	01/04/2023	-
4-5 pm	02/04/2023	03/04/2023	04/04/2023	05/04/2023	06/04/2023		-

**Name of the teacher:** Miss. Sonawane Priyanka Bhikaji

### Criteria Completion Report:

- ❖ By the end of the course, students should be able to:
  - Demonstrate proficiency in using MATLAB for solving complex physics problems and simulations.
  - Apply advanced physics concepts to real-world scenarios using MATLAB.
  - Independently design and execute physics-related projects using MATLAB.
  - Analyze and interpret data from simulations and experiments using MATLAB.
  - Communicate effectively about physics concepts, methodologies, and findings through project presentations and reports.



Dr. D. R. Patil  
(Principal)

**Year of Course 2022-2023**  
**Course Name: - Value added Course on Understanding Physics using MATLAB**  
**Students Attendance with signature**

Sr. No	Students Name	Students Signature									
		01/03/23	02/03	03/03	04/03	06/03	08/03	09/03	10/03	11/03	13/03/23
1	BORSE SAKSHI KAILAS	B	B	B	B	B	B	B	B	B	B
2	CHAVAN DILIP MADHUKAR	Eed	Eed	Eed	Eed	Eed	Eed	Eed	Eed	Eed	Eed
3	GAVALE PUJA SANJAY	S	S	S	S	S	S	S	S	S	S
4	GIRASE HARSHALI KOMALSING	G	G	G	G	G	G	G	G	G	G
5	HIRE NAYNA BHAGWAN	A	A	A	A	A	A	A	A	A	A
6	NILE VIPUL PANDURANG	hile	hile	hile	hile	hile	hile	hile	hile	hile	hile
7	PATIL PRAJAKTA DIPAK	Prak	Prak	A	Prak	Prak	Prak	Prak	Prak	Prak	Prak
8	PATIL DIPIKA ASHOK	Di	Di	Di	Di	Di	Di	Di	Di	Di	Di
9	PATIL SNEHA GULABRAO	Sne	Sne	Sne	Sne	Sne	Sne	Sne	Sne	Sne	Sne
10	PATIL TEJAL HITENDRASING	Tejal	Tejal	Tejal	Tejal	Tejal	Tejal	Tejal	Tejal	Tejal	Tejal
11	PAWAR VAISHANAVI ARVIND	Arvi	Arvi	Arvi	Arvi	Arvi	Arvi	Arvi	Arvi	Arvi	Arvi
12	PAWARA USHA AMBALAL	Usha	A	Usha	Usha	Usha	Usha	Usha	Usha	Usha	Usha
13	PINJARI AZARUDDIN DAGADU	PAS	PAD	PAD	PAD	PAD	PAD	PAD	PAD	PAD	PAD
14	RAJPUT JYOTI KEVALSING	Raji	Raji	Raji	Raji	Raji	Raji	Raji	Raji	Raji	Raji
15	SONAWANE SANDIP ANIL	SANDIP	SANDIP	SANDIP	SANDIP	SANDIP	SANDIP	SANDIP	SANDIP	SANDIP	SANDIP
16	SONAWANE YASHSHRI GUNVANTRAO	Yash	Yash	Yash	Yash	Yash	Yash	A	Yash	Yash	Yash
17	TELE ASMITA ARUN	Asmita	Asmita	Asmita	Asmita	Asmita	Asmita	Asmita	Asmita	Asmita	Asmita
18	THAKARE UJJWALA PRADIP	U.P.T	U.P.T	U.P.T	U.P.T	U.P.T	U.P.T	U.P.T	U.P.T	U.P.T	U.P.T
19	TIWARI DINESH VIJAYKUMAR	T.DV	TDV	TDV	TDV	TDV	TDV	TDV	TDV	TDV	TDV

*P. B. Sonawane*  
Miss. P. B. Sonawane  
(Name of Teacher)

*A. M. Patil*  
Dr. A. M. Patil  
(Head of Department)

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Application for the Value Added Course – 2022-23 AY

R.C.Patel Educational Trust'

## R.C.Patel Arts Commerce and Science College

Shirpur, Dist-Dhule, M.S. 425405

(NAAC Accredited Institute)

To,

The Principal

R.C.Patel Arts, Commerce and Science College,

Shirpur

Sir,

I wish to get admitted to as Students for the understanding physic using MATLAB

patil dipika Ashok (Patil)  
(Name and Signature of the Candidate)

### PARTICULAR OF CANDIDATE

1. Name in Full (Surname First) : patil D Dipika Ashok  
Surname Name Father/Husband
2. Address for Correspondence : At post waghadi  
Tel-shirpur Dist-Dhule.
3. Email Id : patildipika15@gmail.com
4. Phone No/Mob.No : 9579530693.
5. Father's/Husband Name : Ashok. Madhavnar patil
- 6.
7. Sex(Male/Female) : Female
8. Nationality : Indian.
9. Date of Birth (dd/mm/yy) : 23/07/2001

10. Put the tick ( ) mark(s) in the Appropriate box (es) Applicable in your case

SC	ST	DT	NT-1	NT-2	NT-3	SBC	OBC	Open	PH	DSP
							✓			

P.H:Physically Handicapped ; DSP :Ward of Defence Service Person

10. Fathers/Husband Guardian's annual Income from all sources in as 40,000

11. Particulars of academic qualifications

- a) Name of the last qualified examination Bsc physics.
- b) Name of Board/University KBC NMU - Jalgaon
- c) Name of the college R. C. Patel ACS college shirpur.
- d) Month and year of passing
- e) Subjects studied at graduation (to be filled by students who passed 85c)

Principal subject: physics

Subsidiary subjects: Electronics & Maths.

- f) Marks obtained (out of total marks) 5989/6600
- g) Particulars of regular examination

Name of the course: understanding physics using MATLAB

Name of the college: R. C. Patel ACS college shirpur.

12. Presently working (if applicable)

I hereby declare that all statements made in this application to the best of my knowledge and beliefs are true, complete and correct. I understand that in the event of any information being found false or incorrect, my admission is able to be cancelled.

Date 20/02/2023

Place: shirpur.



R. C. Patel Educational Trust's

**R. C. Patel Arts, Commerce & Science College, Shirpur**

[Affiliated to the K.B.C. North Maharashtra University, Jalgaon]

## STATEMENTS OF MARKS

**Value Added Course in- Understanding Physics Using MATLAB**

**Examination Held in- March-2023**

**Student Name: Patil Dipika Ashok**

**College Name: R. C. Patel Arts Commerce and Science College, Shirpur**

**Seat Number: VAC 30-002**

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
PHY-01	MATLAB For Physics	TH	50	42
PHY-02	Problems in physics Using MATLAB	PT	50	46

**Result: Pass**

**Marks Obtained: 88**

**Grade: A**



**Co-ordinator**

**Abbreviations:**

**AM:** Assessment Methods, **P:** Pass, **F:** Fail, **AB:** Absent, **RR:** Result Reserved, **TH:** Theory, **PR:** Practical, **O:** Outstanding Grade



सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Patil Dipika Ashok has pursued a value added course and passed the requisite examination held in March-2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**  
Understanding Physics Using MATLAB



Pauze  
Course Co-ordinator

up16r  
Co-ordinator

Deatle  
Principal

Certificate No.: 2023/30/002/S



**R. C. Patel Arts, Commerce and Science College,  
Shirpur, Dist-Dhule  
Department of Mathematics**

**Value Added course in  
Basic Mathematics**

Name of the Course	Value Added Course in Basic Mathematics
Level	Value Added Course
Duration	33 Hrs.
Course Credit	2
Eligibility	Undergraduate and Postgraduate (Mathematics)
Course Fee	Free of Cost
Structure	33 Hrs. Theory
Assessment	At the end of the course, MCQ type assessment will be the conducted with Oral performed during the course
Course Coordinator	Mr.C.A.Bhavsar Department of Mathematics

	Mob: 8698183613 Email: <a href="mailto:shekharp201192@gmail.com">shekharp201192@gmail.com</a>
Course Convener	Prof. Dr.R.P.Mahajan Department of Mathematics Mob: 9421524780 Email: <a href="mailto:rpmahajan9@gmail.com">rpmahajan9@gmail.com</a>

**Course Title: Value Added Course in Basic Mathematics**

**Course Overview:**

This course is designed to provide students with a foundational understanding of basic of Mathematics used in Mathematics used research and practice.

**Course Objectives:**

- 1) Knowledge and understanding are fundamental to studying mathematics and form the base from which to explore concepts and develop problem-solving skills.
- 2) Acquire knowledge and understanding of the terms, symbols, concepts, principles, process, proofs, etc. Develop mastery of basic algebraic skills.
- 3) Select and apply appropriate inquiry and mathematical problem-solving techniques.
- 4) Use different forms of mathematical representation (formulae, diagrams, tables, charts, graphs and models).
- 5) Explain the importance of their findings.

**Course Duration: 33 hrs.**

Course Outline:

**Basic Mathematics**

**Unit I: Differential Calculus**

Limits and differentiation-Derivative of functions- Derivative interactive graphs-Differential Equations in Physics

**Unit II: Integral Calculus**

Finite sums- Limits of finite sums-Definite integrals-Integration of functions-Fundamental theorem of calculus

**Unit III: Determinant and Matrix**

Basics of determinants and matrices-Types of matrices- Simultaneous linear equations-Eigenvalue and eigenvectors- Matrices in Physics

**Unit IV: Vector Calculus**

Differentiation of vectors-Gradient, divergence, curl-Integration of vectors-line, surface and volume integral

**Assessment:**


- 1) Make a formula sheet.
- 2) Compile definitions.
- 3) Read ahead of the class.
- 4) Participate in class.
- 5) Practice at home.
- 6) Write out the steps.
- 7) Re-copy notes for recall.
- 8) Teach others.

**REFERENCES:**

- 1) Differential Calculus by Shanti Narayan 1970
- 2) Differential Equations, by G. F. Simmons, Tata McGraw Hill, 1972
- 3) Differential Equation, by D. A. Murray, Orient Congman 1967
- 4) Problems in Calculus of one variable by I.A.Maron CBS Publisher and Distributor

For office use only      Application for the course - Basic Math      Acad. Year: 2022-23

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R. C. Patel Educational Trust's  
**R.C. Patel Arts, Commerce and Science College**  
 Shirpur, Dist - Dhule, M.S. 425 405  
 (NAAC Accredited Institute)

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To,  
 The Principal  
 R. C. Patel Arts, Commerce and Science College,  
 Shirpur

Sir,  
 I wish to get admitted to as a student for the Basic Mathematics

Shanti  
 (Name and Signature of Candidate)

**PARTICULARS OF CANDIDATE**

1. Name in full : Patil      Shreya      Vipin  
 (Surname first)      Surname      Name      Father's/Husband's Name
2. Address for correspondence : Kamal Nagar Nandurbar
3. Email Id : shreyap2011@gmail.com
4. Ph.No./Mobile No. : 8767756794
5. Father's/Husband's name with address : Patil Vipin Sunilakar
6. Sex (Male/Female) : Female
7. Nationality : Indian
8. Date of birth (dd/mm/yyyy) : 18/8/2001
9. Put the tick (✓) mark(s) in the appropriate box(es) applicable in your case.

SC	ST	DT	NT-1	NT-2	NT-3	SBC	OBC	OPEN	P.H.	D.S.P
							✓			

P.H. : Physically handicapped ; D.S.P. : Ward of Defense Service Person

R.C.Patel A.C.Sci. College Shirpur Dist. Dhule

Department Of Mathematics

Year Of Course : 2022-23

Course Name : Basic Mathematics

Student Attendance

Sr.No.	Name of Students	Student Sign.							
		5/7/22	15/7/22	22/7/22	29/7/22	5/8/22	12/8/22	19/8/22	26/8/22
1.	Kashid Aishwarya Vijay	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2.	Patil Muthali Vinayak	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3.	Patil Kavita Sanjay	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4.	Behare Varsha Rajendra	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5.	Patil Shreyas Vipin	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6.	Devare Neha	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7.	Sabma Binu Mohammed	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8.	Mukesh Devidas Patil	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9.	Sudeshan Vishwanath	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10.	Pawar Ravina Subhash	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11.	Kanade Gauri Chandrashekhar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12.	Patil Dhawadree Mahendra	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13.	Deore Neta Vilash	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14.	Ahirrao Vijaya Anun	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15.	Patil Vishal Dhawaj	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16.	Mali Dhurika Devanand	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17.	Dharambhe Rupali Liladhar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18.	Pathan Rashhara Yusufkhan	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19.	Chaudhari Manika Hiralal	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
20.	Patil Nutan Pravin	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
21.	Patil Tanuja Sanjay	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
22.	Patil Archita Dhupendra	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
23.	Pawar Dhanyasee Vilash	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
24.	Dode Priti Anil	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
25.	Sahani Vidya Dhanraj	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
26.	Pawar Kanchan Madhukar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
27.	Vandlity Mukund More	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>



		5712	15712	24712	30712	01812	12812	19812
28.	Mrs P. Poochita Pralhad	RMP	RMP	RMP	RMP	RMP	RMP	RMP
29.	Shikhar Shubham Nandkumar	SSD	SSD	SSD	SSD	SSD	SSD	SSD
30.	Patil Shivprasad Bhikam	PSB	PSB	PSB	PSB	PSB	PSB	PSB

*C.A. Bhavsar*

Co-ordinator  
Prof. C.A. Bhavsar



*Dr. D.R. Patil*

Principal  
Dr. D.R. Patil



R. C. Patel Educational Trust's

**R. C. Patel Arts, Commerce & Science College, Shirpur**

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## STATEMENTS OF MARKS

**Value Added Course in- Basic Mathematics**

**Examination Held in- March-2023**

**Student Name: Patil Shreya Vipin**

**College Name: R.C.Patel Arts Commerce and Science College, Shirpur**

**Seat Number: VAC 08-011**

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
MATH-03	Basic Mathematics	TH	50	45
MATH-04	Basic Mathematics	PR	50	50

**Result: Pass**

**Marks Obtained: 95**

**Grade: O**



**Co-ordinator**

**Abbreviations:**

**AM:** Assessment Methods, **P:** Pass, **F:** Fail, **AB:** Absent, **RR:** Result Reserved, **TH:** Theory,  
**PR:** Practical, **O:** Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Patil Shreya vipin has pursued a value added course and passed the requisite examination held in March-2023 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Basic Mathematics



*ABhakar*

Course Co-ordinator

*W.P.B.*

Co-ordinator

*Delal*

Principal

Certificate No.: 2023/08/011/S





**R. C. Patel Arts, Commerce and Science College,  
Shirpur, Dist-Dhule  
Department of Zoology  
Value Added Course  
In Basics of Basic Instrumentation**



**A.Y-2021-22**

<b>Name of the Course</b>	<b>Value Added course in Basics of Basic instrumentation</b>
<b>Level</b>	<b>Value Added Course (2021-22)</b>
<b>Duration</b>	<b>33 Hrs.</b>
<b>Course Credit</b>	<b>2</b>
<b>Eligibility</b>	<b>Undergraduate and Postgraduate (Zoology)</b>
<b>Course Fee</b>	<b>Free of Cost</b>
<b>Structure</b>	<b>17 Hrs. Theory and 16 Hrs. Practical</b>
<b>Assessment</b>	<b>At the end of the course, MCQ type assessment will be the conducted with Oral performed during the course</b>
<b>Course Coordinator</b>	<b>Mrs. Gayatri.R.Bhavsar Department of Zoology  8855972161 Email: <a href="mailto:gayatribhavsar11@gmail.com">gayatribhavsar11@gmail.com</a></b>
<b>Course Convener</b>	<b>Prof. Dr. Mahendra.C.Agale Department of Zoology Mob: 9421898792 Email: <a href="mailto:drmccagale@gmail.com">drmccagale@gmail.com</a></b>

## **Course Title: Value Added course Basics of Basic Instrumentation.**

### **Course Overview:**

This certificate course is designed to provide students with a foundational understanding of basic instruments used in zoology research and practice. Participants will gain hands-on experience with various instruments commonly used in zoological studies, enabling them to apply these skills in academic and professional settings.

### **Course Objectives:**

Introduce students to the fundamental principles of using basic instruments in zoology.  
Familiarize students with the types, functions, and maintenance of essential instruments used in zoological research.

Develop practical skills in operating, calibrating, and troubleshooting basic instruments.

Provide hands-on experience through laboratory sessions and demonstrations.

Enhance students' ability to collect, analyze, and interpret data using instruments in zoology.

**Course Duration: 30 hrs.**

### **Course Outline:**

#### **UNIT 1: Introduction to Zoological Instruments**

Definition and importance of instruments in zoology

Classification of instruments based on function and application

Safety precautions and guidelines for instrument use

#### **UNIT 2: Microscopy Techniques**

Principles of microscopy

Types of microscopes (light microscope, electron microscope)

Sample preparation and observation techniques

Maintenance and care of microscopes

#### **UNIT 3: Laboratory Balance and Scales**

Types of balances and scales

Principles of accurate weighing

Calibration and maintenance of balances

Applications in zoological measurements

#### **UNIT 4: Thermometers and Temperature Measurement**

Types of thermometers (mercury, digital, infrared)

Principles of temperature measurement

Calibration and accuracy of thermometers

Use of temperature measurement in zoological studies

## **UNIT 5: pH Meters and Water Quality Analysis**

Basics of pH and acidity measurement

Types of pH meters (portable, benchtop)

Calibration and maintenance of pH meters

Application in water quality assessment for aquatic organisms

### **Assessment:**

Regular quizzes and assignments to assess theoretical understanding

Practical exams to evaluate hands-on skills in instrument operation

Final project or report demonstrating the application of learned concepts in a zoological context

### **REFERENCES:**

- Plummer, L: Practical Biochemistry Tata McGraw-Hill.
- Bullock, J. D., Kristiansen, B.- Basic Biotechnology, 1987, academic press, New York.
- Prave, P. Faust, V., Sitting, W &Sketch, D.A.- Fundamental of Biotechnology, VCLPublishers, New York. 1987.
- Spier, R. E. and Griffins, J.B.- Animal Cell Biotechnology, Vol. I&II, Academic Press, Orlande, 1985
- KeshavTrehan- Biotechnology. Wiley Estern Limited, Bangalore, 1990.
- D. B. Tembhare- Techniques in Life Sciences, Himalaya Publishing House.
  
- T. Poddar, S. Mukhopadhyay, S. K. Das- An Advanced Laboratory Manual Of Zoology, MACMILLAN. • Keith Wilson, John Walker Principles and Techniques of Practical Biochemistry (Wilson, Principles and Techniques of Practical Biochemistry

R.C.Patel Educational Trust's

## R.C.Patel Arts Commerce and Science College

Shirpur, Dist-Dhule, M.S. 425405

(NAAC Accredited Institute)

To,

The Principal

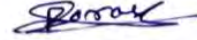
R.C.Patel Arts, Commerce and Science College,

Shirpur

Sir,

Basics of Basic Instrumentation

I wish to get admitted as Students for the \_\_\_\_\_



(Name and Signature of the Candidate)

### PARTICULAR OF CANDIDATE

1. Name in Full (Surname First) : Borase Rohit Somnath  
Surname Name Father/Husband  
Name
2. Address for Correspondence : At. Post Pashte  
Tal-shindkheda dis-dhule
3. Email Id : Rohitborase1240@gmail.com.
4. Phone No/Mob.No : 9322676240
5. Father's/Husband Name : Patil Somnath Dhanraj
- 6.
7. Sex(Male/Female) : male
8. Nationality : Indian
9. Date of Birth (dd/mm/yy) : 01-06-2004
10. Put the tick ( ) mark(s) in the Appropriate box (es) Applicable in your case

SC	ST	DT	NT-1	NT-2	NT-3	SBC	OBC	Open	PH	DSP
							<input checked="" type="checkbox"/>			

P.H:Physically Handicapped ; DSP :Ward of Defence Service Person

Department of Zoology

Year of Course 2022-2023

Course Name: - Value Added Course in Basics of Basic Instrumentation

Students Attendance with signature

Sr.No.	Students Name	Students Signature						
		05/08/22	06/08/22	12/08/22	13/08/22	19/08/22	20/08/22	26/08/22
1	Wadile Preet Karmen	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2)	Rajput Ardit Karmalim	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3)	Mohammad Anas Ubaidh Guffar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4)	Shinde Digvijay M.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5)	Borase Rohit Somnath	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6)	Pawar Poochi S.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7)	Mahale Divya Anil	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8)	Bhavsar Kirti sunil	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9)	Rajput Dikshadharbansing	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10)	warule Pimpal Amal	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11)	raon premajyashash	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12)	Kankare Shital sunesh	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13)	More Anjali mahendra	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14)	Chavhan Halkita G	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15)	Pandur Prudip Abal	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16)	Dhangar Kunal Dagaad	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17)	Patil Rajani Mahou	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

*[Signature]*  
Mrs. G.R.Bhavsar  
(Co-ordinator)



*[Signature]*  
Dr.D.R.Patil  
(Principal)



R. C. Patel Educational Trust's

**R. C. Patel Arts, Commerce & Science College, Shirpur**

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## **STATEMENTS OF MARKS**

**Value Added Course in- Basic of Basic Instruments**

**Examination Held in- April-2023**

**Student Name: Borse Roshani Somnath**

**College Name: R. C. Patel Arts Commerce and Science College, Shirpur**

**Seat Number: VAC 26-005**

<b>Paper Code</b>	<b>Paper Name</b>	<b>AM</b>	<b>Marks (Max.)</b>	<b>Marks Obtained</b>
<b>ELE-01</b>	<b>Basics of Basic Instrumentation</b>	<b>TH</b>	<b>50</b>	<b>41</b>
<b>ELE-02</b>	<b>Instruments</b>	<b>PT</b>	<b>50</b>	<b>45</b>

**Result: Pass**

**Marks Obtained: 86**

**Grade: A**



  
**Co-ordinator**

**Abbreviations:**

**AM:** Assessment Methods, **P:** Pass, **F:** Fail, **AB:** Absent, **RR:** Result Reserved, **TH:** Theory,

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Borse Roshani Somnath has pursued a value added course and passed the requisite examination held in April-2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Basics of Basic Instrumentation



G.B.L.  
Course Co-ordinator

upr  
Co-ordinator

Relatil  
Principal

Certificate No.: 2023/26/005/5



**R.C.Patel Arts, Commerce & Science College, Shirpur**  
**Department of Botany**  
**Value Added Course on Mushroom Technology**  
**2022-2023**

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**AIMS AND OBJECTIVES**

1. To enable the students to identify the edible and poisonous mushrooms.
2. To provide hands-on training for the preparation of bed for mushroom cultivation and its harvesting, pests and diseases control and post harvesting management.
3. To provide the students awareness about the marketing trends of Mushrooms.
4. To give the students exposure to the experiences of experts in the field and to functioning mushroom farms.
5. To help the students to learn a means of self-employment and income generation

**Course Outcomes**

- ✓ Students can start small scale industry of Mushroom cultivation.
- ✓ Students study the morphology and types of Mushrooms.

They are aware of the identification of edible and poisonous Mushrooms.

**Duration of the course**

- ✓ One Month

**Timing of the course**

- ✓ Two Houses a day.

**Eligibility Criteria**

- ✓ For B.Sc. Student.

**Criteria for completion**

- ✓ The student must have attended at least 80% of the lectures and completed all assignment

## **Syllabus**

### **MUSHROOM CULTIVATION TECHNOLOGY**

**Total period: - 30**

**Credits:-02**

---

**1 MUSHROOM CULTIVATION: An Introduction**

- a History of mushroom cultivation;
- b Classification and distribution of mushroom;
- c Life cycle of mushroom.
- d Identification of poisonous mushrooms.  
Spawn preparation - Isolation of pure culture; Nutrient media for pure culture;  
layout of spawn preparation room; raw material of spawn; sterilization;

preparation of mother spawn and multiplication.

## 2 **Common Edible Mushrooms**

Button Mushroom (*Agaricus bisporus*), Oyster mushroom (*Pleurotus sajorcaju*), paddy straw mushroom (*Volvariella volvacea*), Milky Mushroom (*Calocybe indica*); Other economically important and medicinal mushroom- Shiitake Mushroom (*Lentinula edodes*), Kabul Dhingri (King Oyster) Mushroom

## 3 **Principle of Mushroom Cultivation**

Structure and construction of mushroom house. Sterilization of substrates. Spawn production culture media preparation, Preparation of mother spawn, production of planting spawn, storage/transportation of spawn, Criteria for selection of good quality spawn. Cultivation of Button mushroom and paddy straw mushroom; Introduction to microbiology laboratory Laminar Air flow, Autoclave

## 4 **Nutritional and health benefits of Mushroom & Value addition of Mushroom**

Nutritional and health benefits of mushrooms. Therapeutic aspects- antitumor effects.

Value added products / recipes, Quality assurance, Packing and packaging, Market opportunities

## 5 **Training / Workshop**

Sterilization and sanitation of mushroom house, instruments and substrate; Preparation of mother culture, media preparation, inoculation, incubation and spawn production; Cultivation of *Volvariella volvacea* (paddy straw mushroom) and *Pleurotus sajorcaju* (oyster mushroom) using paddy straw/agricultural waste.

### **Reference Book**

1. Paul Stamets, J.S. and Chilton, J.S. 2004. Mushroom cultivation A practical guide to growing mushrooms at home, Agarikon Press.
2. Tewari and Pankaj Kapoor S.C. 1993. Mushroom cultivation. Mittal Publication. Delhi
3. Marimuth et al., 1991. Oyster Mushrooms. Dept. of Plant pathology, TNAU, Coimbatore
4. Nita Bahl. 1988. Hand book of Mushrooms, 2nd Edition, Vol I & II.
5. Shu Fing Chang, Philip G. Miles and Chang, S.T. 2004. Mushrooms Cultivation, nutritional value, medicinal effect and environmental impact 2nd ed., CRC press



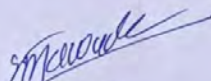
Year of Course 2022-2023

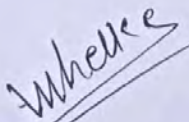
Course Name: - Value Added Course on Mushroom Technology

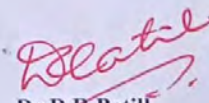
Students Attendance with signature

Sr.No	Name	Date	Sign	Date	Sign	Date	Sign	Date	Sign	Date	Sign
1	Patil Priti P.	05/08/22	PPPatil	06/08/22	PPPatil	10/08/22	PPPatil	12/08/22	PPPatil	17/08/22	PPPatil
2	Patil Dipika S.	05/08/22	D.S.P	06/08/22	D.S.P	10/08/22	D.S.P	12/08/22	D.S.P	17/08/22	D.S.P
3	Pawar Prjwal D.	05/08/22	PdPawar	06/08/22	PdPawar	10/08/22	PdPawar	12/08/22	PdPawar	17/08/22	PdPawar
4	Patel Bhupesh C.	05/08/22	BCP	06/08/22	BCP	10/08/22	BCP	12/08/22	BCP	17/08/22	BCP
5	Pinjari Yunus B.	05/08/22	YBP	06/08/22	YBP	10/08/22	YBP	12/08/22	YBP	17/08/22	YBP
6	Ghorpade Dhiraj V.	05/08/22	D.V.G	06/08/22	D.V.G	10/08/22	D.V.G	12/08/22	D.V.G	17/08/22	D.V.G
7	Borase Kunal R.	05/08/22	KRB	06/08/22	KRB	10/08/22	KRB	12/08/22	KRB	17/08/22	KRB
8	Thakare Kalyani A.	05/08/22	AThakare	06/08/22	AThakare	10/08/22	AThakare	12/08/22	AThakare	17/08/22	AThakare
9	Jain Monika A.	05/08/22	mAjain	06/08/22	mAjain	10/08/22	mAjain	12/08/22	mAjain	17/08/22	mAjain
10	Patil Hirani V.	05/08/22	H.V.P	06/08/22	H.V.P	10/08/22	H.V.P	12/08/22	H.V.P	17/08/22	H.V.P
11	Pawara Kavita S.	05/08/22	KSP	06/08/22	KSP	10/08/22	KSP	12/08/22	KSP	17/08/22	KSP
12	Patil Komal B.	05/08/22	KBP	06/08/22	KBP	10/08/22	KBP	12/08/22	KBP	17/08/22	KBP
13	Mahajan Divya D.	05/08/22	DDM	06/08/22	DDM	10/08/22	DDM	12/08/22	DDM	17/08/22	DDM
14	Wagh Gaytree S.	05/08/22	GWagh	06/08/22	GWagh	10/08/22	GWagh	12/08/22	GWagh	17/08/22	GWagh
15	Pawara Poonam N.	05/08/22	P.N.G	06/08/22	P.N.G	10/08/22	P.N.G	12/08/22	P.N.G	17/08/22	P.N.G
16	Patil Rajani M.	05/08/22	RPatil	06/08/22	RPatil	10/08/22	RPatil	12/08/22	RPatil	17/08/22	RPatil
17	Pawara Dipak R.	05/08/22	DRP	06/08/22	DRP	10/08/22	DRP	12/08/22	DRP	17/08/22	DRP
18	Bhavasari Kirti S.	05/08/22	KB	06/08/22	KB	10/08/22	KB	12/08/22	KB	17/08/22	KB
19	Shimpi Revati V.	05/08/22	R	06/08/22	R	10/08/22	R	12/08/22	R	17/08/22	R
20	Koli Isha S.	05/08/22	IK	06/08/22	IK	10/08/22	IK	12/08/22	IK	17/08/22	IK
21	Patil Mehek A.	05/08/22	MP	06/08/22	MP	10/08/22	MP	12/08/22	MP	17/08/22	MP
22	Deore Hitesh M.	05/08/22	H.M.D	06/08/22	H.M.D	10/08/22	H.M.D	12/08/22	H.M.D	17/08/22	H.M.D

23	Marathe Darshan N.	<del>Marathe</del>	<del>Marathe</del>	<del>Marathe</del>	<del>Marathe</del>	<del>Marathe</del>	<del>Marathe</del>
24	Patil Jayesh V.	Patil	Patil	Patil		Patil	
25	Patil Sonam G.	ScPatil	ScPatil		ScPatil		ScPatil
26	Sonawane Neha D.	<del>Honaw</del>	<del>Honaw</del>	<del>Honaw</del>		<del>Honaw</del>	<del>Honaw</del>
27	Patil Durgesh D.	<del>Patil</del>	<del>Patil</del>		<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
28	Patil Janavhi J.	J. Patil	J. Patil	J. Patil	J. Patil	J. Patil	
29	Patil Yamini C.	Patil	Patil		Patil	Patil	Patil
30	Patil Jayashree R.	Patil	Patil	Patil	Patil	Patil	Patil
31	Borase Kajal H.	K.H.B.	K.H.B.			K.H.B.	K.H.B.
32	Patil Vaibhav V.	Patil	Patil	Patil	Patil		Patil
33	Patel Sidhhi R.	Patel	Patel	Patel	Patel	Patel	Patel
34	Chavhan Mayur D.	<del>MC</del>	<del>MC</del>		<del>MC</del>	<del>MC</del>	<del>MC</del>
35	Chaudhari Sunaina R.	<del>Fokh</del>	<del>Fokh</del>	<del>Fokh</del>	<del>Fokh</del>		<del>Fokh</del>
36	Chaudhari Sonali R.	<del>Fokh</del>	<del>Fokh</del>	<del>Fokh</del>	<del>Fokh</del>		<del>Fokh</del>
37	Rajput Sandipsing R.	S.R.R.	S.R.R.		S.R.R.		S.R.R.
38	Rajput Yogita R.	Rajput	Rajput	Rajput	Rajput	Rajput	
39	Rajput Priyanka K.	Rajput	Rajput	Rajput		Rajput	Rajput
40	More Yogesh B.	More	More	More	More		More

  
Mrs. Tawade S.M.  
Coordinator

  
Mrs. Shelke V.S.  
Head of Department

  
Dr. D.R. Patil  
Principal





R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College, Shirpur

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## STATEMENTS OF MARKS

Value Added Course in- Mushroom Cultivation Technology

Examination Held in- April-2023

Student Name: Patil Priti Pramod

College Name: R.C.Patel Arts Commerce and Science College, Shirpur

Seat Number: VAC 09-021

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
BOT-01	Mashroom Cultivation	TH	50	45
BOT-02	Mashroom Cultivation	PR	50	47

Result: Pass

Marks Obtained: 92

Grade: O



  
Co-ordinator

Abbreviations:

AM: Assessment Methods, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, TH: Theory,  
PR: Practical, O: Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India




## CERTIFICATE

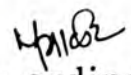
The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Patil Priti Pramod has pursued a value added course and passed the requisite examination held in April-2023 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Mashroom cultivation Technology



  
Course Co-ordinator

  
Co-ordinator

  
Principal

Certificate No.: 2023/09/021/5

R.C.Patel Arts, Commerce & Science College, Shirpur

Department of Political Science

SYLLABUS

For

Value Added Course

(Semester-I and II)

**A.Y.-2022-23**



- Gurevitch, M., Coleman, S., & Blumler, J. (2009). Political Communication—Old and New Media Relationships. *The Annals of the American Academy of Political and Social Science*, 625, pp. 164-181.
- O’Conner, W. (1994). A Nation is a Nation, is a State, is a Ethnic Group. In Hutchinson, J., & Smith, A. (Eds.), *Nationalism*. Oxford: Oxford University Press
- Harding, A. (1994). The Origins of the Concept of the State. *History of Political Thought*, 15(1), pp. 57-72.



R.C.Patil Arts, Commerce & Science College, Shirpur  
 Department of Political Science  
 VALUE ADDED COURSES  
 VAD101- Understanding Politics  
 Academic Year- 2022-2023

Sr. No	Students Name	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	More suraj yogesh	10/1/22	More	More	More	More	More	More	More	More	More	More	More	More	More	More	More
2	Paradke pradip Dhana	10/1/22	PDP	PDP	PDP	PDP	PDP	PDP	PDP	PDP	PDP	PDP	PDP	PDP	PDP	PDP	PDP
3	Paradhi Suraj Ramesh	10/1/22	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj
4	Patil Bhavesh Ramesh	10/1/22	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
5	Patil prafulla Raman	10/1/22	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
6	PatilRahul shiveji	10/1/22	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
7	Pawar Ashwin Lakdy	10/1/22	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin	Ashwin
8	More Nilesh Jayram	10/1/22	More	More	More	More	More	More	More	More	More	More	More	More	More	More	More
9	Koli pankaj Rajesh	10/1/22	PKoli	PKoli	PKoli	PKoli	PKoli	PKoli	PKoli	PKoli	PKoli	PKoli	PKoli	PKoli	PKoli	PKoli	PKoli
10	koli Rausaheb sudam	10/1/22	RSkoli	RSkoli	RSkoli	RSkoli	RSkoli	RSkoli	RSkoli	RSkoli	RSkoli	RSkoli	RSkoli	RSkoli	RSkoli	RSkoli	RSkoli
11	khainar RameshLaxaman	10/1/22	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh
12	Dhangar vishwas G.	10/1/22	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar
13	Pawara Ramesh Raju	10/1/22	Pawara	Pawara	Pawara	Pawara	Pawara	Pawara	Pawara	Pawara	Pawara	Pawara	Pawara	Pawara	Pawara	Pawara	Pawara
14	Pawar Ajay Manga	10/1/22	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay
15	Rajput Yogesh Chetan	10/1/22	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput
16	Patil BharatRahul	10/1/22	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
17	Patil Nisha Dipak	10/1/22	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha
18	Patil Sandip Ramesh	10/1/22	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
19	Shirsath Rahul Chandan	10/1/22	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
20	Rathod suresh kalu	10/1/22	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod	Rathod

*Gratias*  
 Dr.R.R.Vasave  
 Head Department



*Patil*  
 Dr.D.R.Patil  
 Principal



R. C. Patel Educational Trust's

**R. C. Patel Arts, Commerce & Science College, Shirpur**

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## **STATEMENTS OF MARKS**

**Value Added Course in- Understanding Politics**

**Examination Held in- April-2023**

**Student Name: Patil Sandip Ramesh**

**College Name: R.C.Patel Arts Commerce and Science College, Shirpur**

**Seat Number: VAC 12-008**

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
POL-01	Understanding Politics	TH	100	85

**Result: Pass**

**Marks Obtained: 85**

**Grade: A**



*W.P.S.*  
**Co-ordinator**

**Abbreviations:**

**AM:** Assessment Methods, **P:** Pass, **F:** Fail, **AB:** Absent, **RR:** Result Reserved, **TH:** Theory,  
**PR:** Practical, **O:** Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Patil Sandip Ramesh has pursued a value added course and passed the requisite examination held in April-2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Understanding Politics



G. R. Singh  
Course Co-ordinator

W. P. B.  
Co-ordinator

P. Patil  
Principal

Certificate No.: 2023/12/008/A

102. Introduction to Indian Constitution

**Objective:**

The purpose of the course is to familiarize the students with the key elements of Indian constitution and enable them to critically assess the working of government institutions in the broader framework of constitutionality and factors and forces which attempts to influence them.

**Outcomes:**

- Students will be able to understand the terms of partition and how princely states were integrated.
- They will come to know the importance of the Preamble in the constitutional design of India

**I. India at the time of Independence 10**

- 1.1 Independence and integration of Indian States
- 1.2 case Study of Junagarh, Hyderabad, Goa and Kashmir

**II Making of Indian Constitution and Constituent Assembly Debates 10**

- 2.1 Philosophy of Indian Constitution
- 2.2 Debates on National Language, National Flag, National Anthem and National Song
- 2.3 Debates on Minority Rights

**III Salient Features of the Indian Constitution 10**

- 3.1 Preamble
- 3.2 Fundamental Rights and Directive Principles of State Policy
- 3.3 Procedure in the Constitutional Amendment

**Reference:**

- Copland, I. (1991). The Princely States, the Muslim League, and the Partition of India in 1947. *The International History Review*,
- Cerulo, K. (1989). *Sociopolitical Control and the Structure of National Symbols: An Empirical Analysis of National Anthems*. Social Forces,
- Dua, B. (1985). *Federalism or Patrimonialism: The Making and Unmaking of Chief Ministers in India*. Asian Survey,





R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College, Shirpur

[Affiliated to the K.B.C. North Maharashtra University, Jalgaon]

## STATEMENTS OF MARKS

Value Added Course in- Introduction to Indian Constitution

Examination Held in- March-2023

Student Name: Mali Vijay Sunil

College Name: R.C.Patel Arts Commerce and Science College, Shirpur

Seat Number: VAC 13-018

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
POL-02	Introduction to Indian Constitution	TH	100	82

Result: Pass

Marks Obtained: 82

Grade: A



  
Co-ordinator

**Abbreviations:**

AM: Assessment Methods, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, TH: Theory,  
PR: Practical, O: Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Mali Vijoy Sunil has pursued a value added course and passed the requisite examination held in March - 2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Introduction to Indian Constitution



*G. Ravishankar*  
Course Co-ordinator

*Y. P. B.*  
Co-ordinator

*P. B. Patil*  
Principal

Certificate No.: 2023/13/018/A



**R. C. Patel Arts, Commerce and Science College,  
Shirpur, Dist-Dhule  
Department of Mathematics  
Value Added Course in Vedic Mathematics**

Name of the Course	Value Added Course In Vedic Mathematics
Level	Value Added Course 2022-23
Duration	33 Hrs.
Course Credit	2
Eligibility	Undergraduate And Postgraduate (Mathematics)
Course Fee	Free of Cost
Structure	16 Hrs. Theory and 17 Hrs.
Assessment	At the end of the course, MCQ type assessment will be the conducted with Oral performed during the course
Course Coordinator	Mr.C.A.Bhavsar Department of Mathematics Mob: 8698183613 Email: <a href="mailto:shekharb201192@gmail.com">shekharb201192@gmail.com</a>
Course Convener	Prof. Dr.R.P.Mahajan Department of Mathematics Mob: 9421524780 Email: <a href="mailto:rpmahajan9@gmail.com">rpmahajan9@gmail.com</a>



## Course Title: Value Added Course in Vedic Mathematics

### Course Overview:

Introduction to Vedic Mathematics:

Brief history and origins Basic principles and philosophies Speed Mathematics Techniques:

Multiplication techniques: Ekadhikena Purvena, Nikhilam Navatashcaramam Dashatah, Urdhva-Tiryagbhyam, Paravartya Yojayet. Division techniques: Anurupyena, Paravartya Yojayet. Addition and subtraction techniques: Antyayordashakepi, Vinculum Technique. Squaring and cubing techniques.

### Course Objectives:

Speed and Efficiency: To enhance calculation speed and accuracy using Vedic Mathematics techniques.

Conceptual Understanding: To develop a deeper understanding of mathematical concepts through alternative methods.

Problem-solving Skills: To equip students with problem-solving strategies applicable to various domains.

Confidence Building: To build confidence in handling mathematical problems efficiently.

Application Oriented: To demonstrate practical applications of Vedic Mathematics in real-world scenarios.

### Course Duration: 33 hrs.

Course Outline

### Vedic Mathematics Syllabus:

#### 1. Basics of Vedic Mathematics:

Introduction to Vedic sutras (aphorisms)

Basic operations: Addition, subtraction, multiplication, and division using Vedic techniques.

#### 2. Multiplication Techniques:

Ekadhikena Purvena (By one more than the previous one)

Nikhilam Navatashcaramam Dashatah (All from 9 and the last from 10).

Urdhva-Tiryagbhyam (Vertically and crosswise)

Paravartya Yojayet (Transpose and apply).

#### 3. Division Techniques:

Anurupyena (Proportionately)

Paravartya Yojayet (Transpose and apply).

#### 4. Addition and Subtraction Techniques:

Antyayordashakepi (The last digit remains constant).

Vinculum Technique (Carryover method)

#### 5. Squaring and Cubing Techniques:

Techniques for rapid squaring and cubing of numbers

#### 6. Applications and Extensions:

Mental arithmetic techniques

Advanced problem-solving using Vedic Mathematics

Application in algebra, geometry, and calculus

#### 7. Advanced Topics (Optional):

Special topics as per the interest and level of the participants

Advanced sutras and their applications

#### 8. Practice and Revision:

Regular practice sessions

Revision of concepts and techniques

Problem-solving exercises and assignments

This syllabus may vary depending on the duration and depth of the course, as well as the target audience's background and proficiency level in mathematics.

### Assessment: .

**Theory Examination:** This can include multiple-choice questions, short answer questions, or essay questions covering the principles and techniques of Vedic Mathematics. Topics may include sutras (aphorisms), such as Nikhilam Sutra, Ekadhikena Purvena, etc., as well as applications in arithmetic, algebra, geometry, and calculus.

**Problem Solving:** Provide a set of problems to solve using Vedic Mathematics techniques. These problems can range

from basic arithmetic operations to more complex calculations, algebraic equations, and geometric constructions.

**Application-based Questions:** Test the application of Vedic Mathematics techniques in real-world scenarios. For example, you can present word problems that require the application of specific sutras to arrive at solutions efficiently.

**Practical Demonstration:** Ask the candidate to demonstrate the application of Vedic Mathematics techniques in solving problems in real-time. This could involve mental calculations, fast multiplication, division, etc.

**Project Work:** Assign a project that requires research on a specific aspect of Vedic Mathematics, its history, applications, or comparison with conventional methods.

**Oral Examination:** Conduct an oral examination to assess the candidate's understanding of the principles and their ability to explain and apply them effectively.

**Performance in Competitive Exams:** Assess how well the candidate performs in competitive exams or contests that involve Vedic Mathematics, such as Math Olympiads, Mental Math competitions, etc.

### **REFERENCES:**

- 1) Vedic Mathematics by Swami Bharati Krishna.
- 2) YouTube videos and channels



R. C. Patel Educational Trust's  
**R.C. Patel Arts, Commerce and Science College**  
 Shirpur, Dist - Dhule, M.S. 425 405  
 (NAAC Accredited Institute)

To,  
 The Principal  
 R. C. Patel Arts, Commerce and Science College,  
 Shirpur

Sir,

I wish to get admitted to as a student for the Vedic Mathematics

~~Khatik~~  
 Khatik Maïraj Khatik  
 (Name and Signature of candidate)

**PARTICULARS OF CANDIDATE**

1. Name in full : Khatik Maïraj Khatik  
 (Surname first) Surname Name Father's/Husband's Name
2. Address for correspondence : Lohar Lane Infront of Sena hospital  
 Shirpur
3. Email Id : khatikmaïraj2@gmail.com
4. Ph.No./Mobile No. : 8550960028
5. Father's/Husband's name with address : Khatik Khatik Bismillah.
6. Sex (Male/Female) : Female
7. Nationality : Indian
8. Date of birth (dd/mm/yyyy) : 06/11/1999
9. Put the tick (✓) mark(s) in the appropriate box(es) applicable in your case.

SC	ST	DT	NT-1	NT-2	NT-3	SBC	OBC	OPEN	P.H.	D.S.P
							✓			

P.H. : Physically handicapped ; D.S.P. : Ward of Defense Service Person

R.C.Patel A.C.Sci. College Shirpur Dist. Dhule

Department Of Mathematics

Year Of Course : 2022-23

Course Name : Vedic Mathematics

Student Attendance

Sr.No.	Name of Students	Student Sign.							
		11/7/22	18/7/22	25/7/22	01/8/22	08/8/22	15/8/22	22/8/22	29/8/22
1.	Wankhade Chaitali Vilas	Chaitali	Chaitali	Chaitali	Chaitali	Chaitali	Chaitali	Chaitali	Chaitali
2.	Marathe Bhavna Rajesh	Bhavna	Bhavna	Bhavna	Bhavna	Bhavna	Bhavna	Bhavna	Bhavna
3.	Patil Prema Rajendra	Prema	Prema	Prema	Prema	Prema	Prema	Prema	Prema
4.	Nikumbh Sheetal Rajendra	Sheetal	Sheetal	Sheetal	Sheetal	Sheetal	Sheetal	Sheetal	Sheetal
5.	Girase Prashant Ganesh	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
6.	Pawar Pallavi Suddhar	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi
7.	Bhoi Saraha Kailas	Saraha	Saraha	Saraha	Saraha	Saraha	Saraha	Saraha	Saraha
8.	Bagul Sarvaha Sunil	Sarvaha	Sarvaha	Sarvaha	Sarvaha	Sarvaha	Sarvaha	Sarvaha	Sarvaha
9.	Chouhan Gourav Zagan	Gourav	Gourav	Gourav	Gourav	Gourav	Gourav	Gourav	Gourav
10.	Deore Prajwal Rajendra	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal
11.	Davik Chetan Dhanraj	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan
12.	Jaypal Gourav Bharat	Jaypal	Jaypal	Jaypal	Jaypal	Jaypal	Jaypal	Jaypal	Jaypal
13.	Marathe Yogesh Mohan	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh	Yogesh
14.	Nikam Nikhil Jayraj	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
15.	Patil Mohit Mohilal	Mohit	Mohit	Mohit	Mohit	Mohit	Mohit	Mohit	Mohit
16.	Shinde Diya Sanjay	Diya	Diya	Diya	Diya	Diya	Diya	Diya	Diya
17.	Koli Dipali Ramchandra	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali
18.	Masi Harshada Kashinath	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada
19.	Patil Sakshi Vinod	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
20.	Pawar Tulsi Ramadhan	Tulsi	Tulsi	Tulsi	Tulsi	Tulsi	Tulsi	Tulsi	Tulsi
21.	Sisode Anjali Anil	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali
22.	Dhavsar Lalit Mahendra	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit
23.	Deore Anjali Ambarnath	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali
24.	Patil Sakshi Vinod	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
25.	Patil Jayesh Bhatu	Jayesh	Jayesh	Jayesh	Jayesh	Jayesh	Jayesh	Jayesh	Jayesh
26.	Gajkarasad Chetan Dilip	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan
27.	Patil Anjali Satish	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali

28.	Patil Mrunali Nitin	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>
29.	Patil Ashini Suresh	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>
30.	Patil Mahavir Sankar	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>
31.	Khatik Mairaj Khalil	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>
32.	Patil Vaibhavi Sanil	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>	<del>Maik</del>

C.A.Bhavsar  
 Co-ordinator  
 Prof. C.A.Bhavsar

Dr.D.R.Patil  
 Principal  
 Dr.D.R.Patil



R. C. Patel Educational Trust's

**R. C. Patel Arts, Commerce & Science College, Shirpur**

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## STATEMENTS OF MARKS

**Value Added Course in- Vadic Mathematics**

**Examination Held in- March-2023**

**Student Name: Kartik Manoj Khalil**

**College Name: R.C.Patel Arts Commerce and Science College, Shirpur**

**Seat Number: VAC 19-011**

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
MATH-03	Vadic Mathematics	TH	50	40
MATH-04	Vadic Mathematics	PR	50	46

**Result: Pass**

**Marks Obtained: 86**

**Grade: A**



  
**Co-ordinator**

**Abbreviations:**

**AM:** Assessment Methods, **P:** Pass, **F:** Fail, **AB:** Absent, **RR:** Result Reserved, **TH:** Theory,  
**PR:** Practical, **O:** Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Kartik Manoj Khalil has pursued a value added course and passed the requisite examination held in March - 2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**  
Vedic Mathematics



*Elhajan*  
Course Co-ordinator

*W.P.R.*  
Co-ordinator

*Relatit*  
Principal

Certificate No.: 2023/19/011/S

# R. C. Patel Arts Commerce and Science College, Shirpur

## DEPARTMENT OF ECONOMICS

### VALUE ADDED COURSE A.Y-2022-23

#### SYLLABUS

#### FINANCIAL LITERACY

<b>Name of the Course:</b>	<b>Financial literacy</b>
<b>Course Coordinator:</b>	Dr. A. G. Sonawane
<b>Duration of the Course:</b>	30 Hours (28 days)
<b>Students intake:</b>	20 Students

**Eligibility:** Students who have passed 10+2 of any stream from recognized board are eligible for admission for the course.

**Objectives:** 1. To provide knowledge about the FINACIAL SYSTEM and equip with the knowledge & skills so that they become expert in managing money effectively.

2. To enhance the employ-ability of the learners in financial sectors.

• **Syllabus Structure:**

A. Basic concepts of Financial System

B. Barter system, Evolution of Money, Types of money, Features of money, Functions of money and the role of money in Modern economy, Demand and supply of money.

C. Commercial bank- definition, types, functions, types of account, credit creation, types of loan sanctioned to the customers, rate of interest, portfolio management, and agency function of commercial banks.

D. Central Bank- importance, Reserve Bank of India- evolution, functions, relation between central bank and commercial bank, cash reserve ratio, statutory liquidity ratio, bank rate policy, rationing, moral suasion, quantitative and qualitative credit control measures.

E. Key concepts of Personal Finance and Management.

• **Course Outcomes:**

- Learners will understand the basic principles underlying the Financial System.

- Enable learners to manage their personal finance.

- Help learners to analyze financial activities.



- Provide skill in understanding the basic principles underlying the Financial System.
- Enhance employability in the field of Financial Sector.

- **Assessment Strategy:**

Assessment will be done through written examination of 100 marks.

- **Course Details:**

Section	Topic	Class Duration	Day
<b>A</b> <b>Basic concepts of financial system</b>	✓ Inauguration, ✓ Introduction to the course	One hour	1
	✓ Basic concepts ✓ Constituents of financial system.	One hour	2
<b>B</b> <b>Barter system and Money</b>	✓ Barter system ✓ Barter system types ✓ Barter system limitations	One hour	3
	✓ Definition of Money ✓ Evolution of Money ✓ Types of Money	One hour	4
	✓ Features of Money ✓ Functions of Money ✓ Role of Money in Modern Economy	One hour	5
	✓ Demand of Money ✓ Supply of Money	One hour	6
<b>C</b> <b>Commercial Bank</b>	✓ Definition of Commercial banks ✓ Types of Commercial banks	One hour	7
	✓ Nationalization of commercial banks	One hour	8
	✓ Assets and liabilities of commercial banks	One hour	9
	✓ Functions of Commercial Banks. ✓ Role of commercial banks in an Economy	One hour	10
	✓ Agency functions of commercial banks		11
	✓ Types of deposits and loans. ✓ Rate of interest	One hour	12
	✓ ATM, ✓ NET banking, ✓ Credit Cards and Various apps used in banking	One hour	13

	✓ Role of Private Bank in an Economy	One hour	14
<b>D Central bank</b>	✓ Central Bank – ✓ Importance of Reserve Bank of India Evolution of Reserve Bank of India ✓ Functions of Reserve Bank of India	One hour	15
	✓ Relation between central bank and commercial bank.	One hour	16
	✓ Quantitative Credit Control ✓ Qualitative Credit Control • Measures Cash reserve ratio, • Statutory liquidity ratio, • Bank rate policy, • Rationing, moral suasion.	One hour	17
<b>E Key concepts of Personal Finance and Management.</b>	✓ Savings, investments, ✓ Borrowing, income and expenses, ✓ Inflation, ✓ Active and Passive income	One hour	18
	✓ Time value of money, ✓ Financial planning and Budgeting.	One Hour	19
	✓ Credit and debit cards, ✓ NEFT ✓ RTGS ✓ UPI	One hour	20
	✓ Mutual fund and benefits of investing through Mutual Fund	One hour	21
	✓ Insurance Management and regulatory role of IRDAI	One hour	22
	✓ Stock Market ✓ BSE ✓ NSE ✓ SENSEX ✓ NIFTI ✓ SEBI	One hour	23
	✓ Pension ✓ Retirement ✓ Estate Planning ✓ New Pension Scheme	One hour	24
	✓ Process involved in opening Bank account ✓ KYC	One hour	25
	✓ Income Tax and Return Filing	One hour	26
	✓ Income tax and tax saving options	Two hour	27
	✓ Primary and Secondary Market	Two hour	28
<b>No of hours and days required for completion of the course</b>		<b>30 hours</b>	<b>28 days</b>

### Suggested Readings

1. F. S. Mishkin and S. G. Eakins, Financial Markets and Institutions, Pearson

Education, 6th edition, 2009.

2. F. J. Fabozzi, F. Modigliani, F. J. Jones, M. G. Ferri, Foundations of Financial Markets and Institutions, Pearson Education, 3rd edition, 2009.

3. L. M. Bhole and J. Mahukud, Financial Institutions and Markets, Tata McGraw Hill, 5th edition, 2011.

4. M. Y. Khan, Indian Financial System, Tata McGraw Hill, 7th edition, 2011.

5. Various latest issues of R.B.I. Bulletins, Annual Reports, Reports on Currency and Finance and Reports of the Working Group, IMF Staff Papers

6 भारतीय अर्थव्यवस्था : प्रा.एन एल चव्हाण, प्रशांत पब्लिकेशन्स, जळगाव

7 भारतीय अर्थव्यवस्था : देसाई, भालेराव, निराळी प्रकाशन, पुणे

R. C. Patel Arts, Commerce & Science College, Shirpur

Department of Economics

Value Added Course Students Attendance with Signature

Academic Year - 2022-23 (Semester- I & II)

Course Name- "Financial Literacy"

Sr. No.	Students Name	01/09/22	02/09/22	03/09/22	04/09/22	05/09/22	06/09/22	07/09/22	08/09/22	09/09/22	10/09/22	11/09/22	12/09/22	13/09/22	14/09/22	15/09/22	16/09/22	17/09/22	18/09/22	19/09/22	20/09/22	21/09/22	22/09/22
1	Basuji Pasavant Gubli	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Ganvi Chetan Mahesh	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Jeldar Nihin Rajiv	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Rahul Narendra Zeddy	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Ruvin Gaurav Sahish	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Dabade Rajesh Lahu	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Deshmukh Nandini P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Gawale Bharti Gautam	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Arun Saloni Yogesh	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Kumbhar Dhanashri L	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Mahajan Nihin Sushil	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Nahale Tejas Mukesh	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Mali Gauravi Suniti	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Patil Chaitali Hanikol	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	Pawara Ranajit Nikam	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	Pawara Dilip Dnyanesh	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Pawara Tilotram Ramesh	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	Pawara Pradip Keshav	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	Deore Chaitanya Mukesh	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	Pawara Umesh Paresh	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	Kali Radheshyam Amruti	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22	Shirpur	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Dr. A. G. Sonawane  
(Head of Department)





R. C. Patel Educational Trust's

**R. C. Patel Arts, Commerce & Science College, Shirpur**

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## STATEMENTS OF MARKS

**Value Added Course in- Financial literacy**

**Examination Held in- March-2023**

**Student Name: Sonar Bhushan Ganesh**

**College Name: R.C.Patel Arts Commerce and Science College, Shirpur**

**Seat Number: VAC 10-05**

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
ECO-01	Financial literacy	TH	100	90

**Result: Pass**

**Marks Obtained: 90**

**Grade: O**



**Co-ordinator**

**Abbreviations:**

**AM:** Assessment Methods, **P:** Pass, **F:** Fail, **AB:** Absent, **RR:** Result Reserved, **TH:** Theory,

**PR:** Practical, **O:** Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Sonar Bhushan Ganesh has pursued a value added course and passed the requisite examination held in March 2023 with O grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**  
Financial Literacy



  
Course Co-ordinator

  
Co-ordinator

  
Principal

Certificate No.: 2023/10/005/A

# R. C. Patel Arts Commerce and Science College, Shirpur

## DEPARTMENT OF ECONOMICS

### VALUE ADDED COURSE 2022-23

#### SYLLABUS

### Consumer Protection Laws

<b>Name of the Course:</b>	Consumer Protection Laws
<b>Course Coordinator:</b>	Dr. A. G. Sonawane
<b>Duration of the course:</b>	30 hours (30 days)
<b>Students intake:</b>	20 Students

**Eligibility:** Students who have passed 10+2 of any stream from recognized board are eligible for admission for the course.

#### Objectives:

1. To understand several Consumer Rights against exploitation
2. To trace out the growth and origin of consumer movement at global and national level
3. To know several rights available to consumers under the Consumers protection and other related laws
4. To understand the genesis of consumer protection laws in India

#### • Syllabus Structure:

Section	Topic	Class Duration	Day
1. Introduction	<ul style="list-style-type: none"><li>✓ The rapid industrialization revolution in the Information Communication Technology globalization, etc.</li><li>✓ Have brought about dramatic changes in our need perceptions behavior patterns attitude towards rights entitlements responsibilities and concerns as consumers.</li><li>✓ In developing countries like India, these issues have become more problematic and necessitated the need for consumer education and awareness among the masses.</li></ul>	02 Hours	02
	<ul style="list-style-type: none"><li>✓ Evolution of the Consumer and Consumerism</li></ul>	02 Hours	02

	✓ Profile of the Consumer		
<b>2. Consumer Environment</b>	✓ Consumer Behavior in Market Economy	02 Hours	02
	✓ Consumer Dynamics , Origin and Growth-consumer movement	02 Hours	02
	✓ Consumer Movement: Features, Issues and Trends	03 Hours	03
<b>3. Consumer Protection Act– Basic Features</b>	✓ Consumer Protection Act- limitations and Guidelines for Filing	03 Hours	03
	✓ Consumer Complaints		
	✓ Consumer and Corporate Social Responsibility (CSR)	03 Hours	03
<b>4. Consumer Education in India</b>	✓ Evolution of Consumer Protection Laws	03 Hours	03
	✓ Consumer Movement in India	03 Hours	03
	✓ Consumer Movement: Global Scenario	03 Hours	03
	✓ Consumer Rights	03 Hours	03
	✓ Consumer Responsibilities	03 Hours	03

- **Course Outcomes:** After completing the course, students will be familiar with:
  - Student will get to understand and analyze the laws relating to consumer disputes and settlement in India.
  - Student will be able to understand the roles of various authorities in dealing with consumer disputes.
  - The course will give the student a practical understanding of the procedure governing consumer disputes starting with a complaint to the redressal of the grievance.
  - Student will also learn about the recent changes like e-commerce, product liability introduced by the Consumer Protection Act, 2019.

### **Assignments/Field Activity**

The students will be given 10 assignments related with the course.

#### **Text Books:**

1. Agarwal, V.K. "Consumer Protection in India" Deep & Deep Publication, New Delhi, 1989.
2. Antony, M.J., Consumer Rights, New Delhi: Hind Pocket Books Private Limited, 1995.
3. Arch, W. T., Consumer Problems, New York: McGraw Hill Book Company, 1952.
4. Arora, R., Consumer Grievances Redressal, 1st Edition Manak Publications. Pvt .Ltd., 2005
5. डॉ. डी. डी. पवार • डॉ. व्ही. ए. मेंढकर • डॉ. जे. पी. भोसले. ग्राहक संरक्षण व व्यावसायिक नीतिमूल्ये:



Consumer

Protection and Business Ethics , प्रशांत पब्लिकेशन, जळगाव

6. प्राचार्य डॉ. प्रसन्न कुमार देशमुख, प्रा. डॉ. आर. जे. साबळे, प्रा. डॉ. माधवी जाधवराव, संगीता जगताप  
ग्राहक

संरक्षण आणि व्यावसायिक नीतिमूल्ये , निराली प्रकाशन, २०१९

7. श्री. नि. सबनीस, ग्राहक संरक्षण कायदा, मुकुंद पब्लिकेशन

8. अरुण देशमुख, ग्राहक संरक्षण कायदा, मनोरमा प्रकाशन

R. C. Patel Arts, Commerce & Science College, Shirpur

Department of Economics

Value Added Course Students Attendance with Signature

Academic Year - 2022-23 (Semester-I & II)

Course Name- "Consumer Protection Laws"

Sr. No.	Students Name	5/11/23	6/11/23	7/11/23	12/11/23	13/11/23	14/11/23	15/11/23	16/11/23	17/11/23	18/11/23	19/11/23	20/11/23	21/11/23	22/11/23	23/11/23	24/11/23	25/11/23	26/11/23	27/11/23	28/11/23	29/11/23	30/11/23
1	Bagul Prashant Ashok	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
2	Barnikam Mahendras	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
3	Beldar Nidhin Raju	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
4	Bhil Narendras Zandu	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
5	Buwal Gaurav Satish	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
6	Dabade Pooja Lahu	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
7	Deshmukh Nandini P	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
8	Devale Ghanshi Gaurav	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
9	Giri Saloni Nagesh	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
10	Kumbhar Dhanshm L	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
11	Mahajan Nidhin Ashok	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
12	Mahale Tejas Mukund	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
13	Mali Gaurav Sunil	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
14	Patil Chaitali Hemant	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
15	Patil Bhanu Suresh	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
16	Patil Dilip Dhanu	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
17	Patil Tilakram Ravi	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
18	Patil Pradip Kashinath	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
19	Patil Chaitanya Mukund	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
20	Patil Umesh Prakash	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR

Dr. A. Sonawane  
(Head of Department)





R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College, Shirpur

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## STATEMENTS OF MARKS

Value Added Course in- Consumer Protection Laws

Examination Held in- March-2023

Student Name: Bagul Prashant Gulab

College Name: R.C.Patel Arts Commerce and Science College, Shirpur

Seat Number: VAC 11-001

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
ECO-02	Consumer Protection Laws	TH	100	93

Result: Pass

Marks Obtained: 93

Grade: O



*H. B. B.*  
Co-ordinator

Abbreviations:

AM: Assessment Methods, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, TH: Theory, PR: Practical, O: Outstanding Grade

सा विद्या या विमुक्तये

R. C. Patel Arts, Commerce and Science College  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Bagul Prashant Gulab has pursued a value added course and passed the requisite examination held in March-2023 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**  
Consumer Protection Laws



*Agsonawa*  
Course Co-ordinator

*W.P.B.*  
Co-ordinator

*Beati*  
Principal

Certificate No.: 2023/11/001/A

R.C.Patel Arts, Commerce & Science College, Shirpur

Department of Psychology

SYLLABUS

For

Value Added Course

(Semester-I and II)

Academic Year: 2022-2023

**R.C.Patel Arts, Commerce & Science College, Shirpur**  
**Department of Psychology**  
**VAD 101- Child Psychology**

Course code	Course Title	Hours	Marks		Total
		Lecture	Internal	External	
VAD 101	Child Psychology	30	20	80	100
VAD102	Dynamics of Healthy Child Development				
	Credit	02			

Course Outcomes:

An Introduction to scientific study of child behavior and mental process

Learning Outcomes:

- Identify the basic concepts and theories related to child development.
- Demonstrate an understanding of prenatal development and its impact on the child.
- Explain the concept of adjustment to child psychology.

**I – Introduction**

**10**

1.1. Definition & Nature of Child Psychology

1.2. Scope of Child Psychology

1.3. Importance of child study

1.4. Causes of mental health problems – Biological, Psychological, Family, Social and Cultural Perspectives

**II – Hereditary & Artificial Insemination**

**10**

2.1 Mechanisms of Hereditary

2.2 The Genetic Code

2.3 Artificial Insemination

2.4 Assisted Reproductive Technology [ART]

**III – Adjustment**

**10**

3.1 Concept of Adjustment

3.2 Types of Adjustment

3.3 Family stress situations

3.4 Frustration and Sources of Frustration

**Reference:**

Naima Khatoon. Child psychology (2012). Pearson. S.V. Kale. Child Psychology and Child Guidance 6th Edition. Himalaya Publishing House

Elizabeth B. Hurlock child development, McGraw-Hill. Sarason & Sarason Frontiers of behaviour, Harper & Row, New York 1982.

**R. C. Patel Educational Trust's**  
**R. C. Patel Arts, Commerce & Science College, Shirpur**  
(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

Admission Form for Value Added Courses  
(Academic Year 2022-23)



To,  
The Principal  
R. C. Patel Arts, Commerce & Science College, Shirpur

Sir,  
I wish to get admission as Student for the- Value Added Courses in - "VAD 101-Child Psychology/  
VAD 102-Dynamics of Healthy Child Development  
..

PARTICULAR OF CANDIDATE

1. Student Name : Mahajan Sonali Vitthoba
2. Father/Husband Name : Mahajan Vitthoba Sura
3. Mother Name : Mahajan Ashwini Vitthoba
4. Address for Correspondence : Shirpur Dist. Dhule
5. Email Id : mahajansnelli@gmail.com
6. Mob. No : 7620125031
7. Date of Birth : 4-5-2003
8. Category : OBC
9. Family Annual Income : Two Lacs
10. Last qualified examination : 12th Science
11. Mark Obtained (Out of total marks) : 65%

I, hereby declare that, all information in this application is correct to the best of my knowledge. I will present for the Course regularly and will complete all the assignments.

Place: Shirpur

Head of the Department

Signature of the Student

R.C.Patel Arts, Commerce & Science College, Shirpur

Department of Psychology  
 VALUE ADDED COURSES  
 VAD101- Child Psychology  
 Academic Year- 2022-2023

	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sr. No	Students Name	15/8/22	16/8/22	17/8/22	22/8/22	23/8/22	24/8/22	29/8/22	30/8/22	31/8/22	27/9/22	28/9/22	29/9/22	19/10/2023	20/10/2023	21/10/2023
1	Pawera Rika Sakhanam	Pawera	Pawera	Pawera	Pawera	Pawera	Pawera	Pawera	Pawera	Pawera	Pawera	Pawera	Pawera	Pawera	Pawera	Pawera
2	Bhai Divya Subhash	Bhai	Bhai	Bhai	Bhai	Bhai	Bhai	Bhai	Bhai	Bhai	Bhai	Bhai	Bhai	Bhai	Bhai	Bhai
3	Swati Harshada Chandankant	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati
4	Mali Dipali Ramesh	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali
5	Arday Trupti Vinod	Arday	Arday	Arday	Arday	Arday	Arday	Arday	Arday	Arday	Arday	Arday	Arday	Arday	Arday	Arday
6	Pawar Vidya Raju	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
7	Kali Nandinee Sunil	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali
8	Patil Bhoneshwari Vedu	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
9	Patil Pankaj Gajendra	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
10	Rao Suresh Prasad	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao	Rao
11	Kadhave Rupali Dadasaheb	Kadhave	Kadhave	Kadhave	Kadhave	Kadhave	Kadhave	Kadhave	Kadhave	Kadhave	Kadhave	Kadhave	Kadhave	Kadhave	Kadhave	Kadhave
12	Sonawane Rakesh Dharmendra	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane
13	Pintari Pratik Ashok	Pintari	Pintari	Pintari	Pintari	Pintari	Pintari	Pintari	Pintari	Pintari	Pintari	Pintari	Pintari	Pintari	Pintari	Pintari
14	Padwan Sajal Yash	Padwan	Padwan	Padwan	Padwan	Padwan	Padwan	Padwan	Padwan	Padwan	Padwan	Padwan	Padwan	Padwan	Padwan	Padwan
15	Sonawane Nikshita Gulabadao	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane
16	Pathan Mahesh Usufkhan	Pathan	Pathan	Pathan	Pathan	Pathan	Pathan	Pathan	Pathan	Pathan	Pathan	Pathan	Pathan	Pathan	Pathan	Pathan
17	Patil Shrihari Shrihari	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
18	Patil Shrihari Shrihari	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
19	Gadgil Kamal Vithal	Gadgil	Gadgil	Gadgil	Gadgil	Gadgil	Gadgil	Gadgil	Gadgil	Gadgil	Gadgil	Gadgil	Gadgil	Gadgil	Gadgil	Gadgil
20	Kumbhar Jyoti Shivaji	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar

Dr.M.B.Bachute  
 Head Department



Dr.D.R.Patil  
 Principal





R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College, Shirpur

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## STATEMENTS OF MARKS

Value Added Course in- Child Psychology

Examination Held in- April-2023

Student Name: Mahajan Sonali Vithoba

College Name: R.C.Patel Arts Commerce and Science College, Shirpur

Seat Number: VAC 16-03

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
PSY-01	Child Psychology	TH	100	95

Result: Pass

Marks Obtained: 95

Grade: O



Co-ordinator

Abbreviations:

AM: Assessment Methods, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, TH: Theory, PR: Practical, O: Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Mahajan Sonali Vitthoba has pursued a value added course and passed the requisite examination held in April - 2023 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Child Psychology



*[Signature]*

Course Co-ordinator

*[Signature]*

Co-ordinator

*[Signature]*

Principal

Certificate No.: 2023/16/003/A

**R.C.Patel Arts, Commerce & Science College, Shirpur**  
**Department of Psychology**  
**VAD102- Dynamics of Healthy Child Development**

**Course Outcomes:**

Understand the life span development of children

**Learning Outcomes:**

- Demonstrate an understanding of the infant's early development.
- Explain the concept of developmental theory.
- Demonstrate an understanding of the major developmental periods in the life span including Physical, cognitive and psychosocial issues.

**I. Child Development**

**10**

1.1 Nature of Development

1.2 Stages of Development

1.3 Theories of development – Freud, Erickson

1.4 Learning Theories – Classical conditioning, Operant Conditioning

Piaget's theory of Cognitive Development

**II Biological Influences on Development**

**10**

2.1 Hereditary transmission, Abnormal genes &

2.2 Chromosomal disorders,

2.3 Heredity & behavior, Nature and Nurture

2.4 Prenatal development & Birth – Stages, Factors affecting prenatal development

2.5 Early Experience & Learning

**III Development**

**10**

3.1 Physical Growth

3.2 Motor Development

3.3 Perceptual development

3.4 Cognitive development

3.5 Emotional development

**Reference:**

Naima Khatoon. Child psychology (2012). Pearson.S.V. Kale. Child Psychology and Child Guidance 6th Edition. Himalaya Publishing House

Elizabeth B. Hurlock child development, McGraw-Hill. Mussen, Kagan, Conger Child Development & Personality, Harper & Row, New York 6th Ed 1984

**R. C. Patel Educational Trust's**  
**R. C. Patel Arts, Commerce & Science College, Shirpur**  
(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

Admission Form for Value Added Courses  
(Academic Year 2022-23)



To,  
The Principal  
R. C. Patel Arts, Commerce & Science College, Shirpur

Sir,  
I wish to get admission as Student for the- Value Added Courses in - "VAD 101-Child Psychology/  
VAD 102-Dynamics of Healthy Child Development  
..

PARTICULAR OF CANDIDATE

1. Student Name : Potdar Trupti Vinod
2. Father/Husband Name : potdar vinod mr Hlad
3. Mother Name : Potdar Babu Vinod.
4. Address for Correspondence : Shirpur Dist. Dhule
5. Email Id : potdar123@gmail.com
6. Mob. No : 9570904222
7. Date of Birth : 22-8-2001
8. Category : Open
9. Family Annual Income : 12th Lakhare
10. Last qualified examination : 657
11. Mark Obtained (Out of total marks)

I, hereby declare that, all information in this application is correct to the best of my knowledge. I will present for the Course regularly and will complete all the assignments.

Place: Shirpur

Head of the Department

Signature of the Student



R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College, Shirpur

[Affiliated to the K.B.C. North Maharashtra University, Jalgaon]

## STATEMENTS OF MARKS

Value Added Course in- Dynamics of Healthy Child Development

Examination Held in- March-2023

Student Name: Potdar Trupti Gulab

College Name: R.C.Patel Arts Commerce and Science College, Shirpur

Seat Number: VAC 15-08

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
PSY-01	Dynamics of Healthy Child Development	TH	100	90

Result: Pass

Marks Obtained: 90

Grade: O



*Y. P. B.*

Co-ordinator

Abbreviations:

AM: Assessment Methods, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, TH: Theory, PR: Practical, O: Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Potdar Trupti Gulab has pursued a value added course and passed the requisite examination held in March-2023 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Dynamics of Healthy child Development



*[Signature]*

Course Co-ordinator

*[Signature]*

Co-ordinator

*[Signature]*

Principal

Certificate No.: 2023/15/008/A

# R.C. Patel Arts, Commerce & Science College, Shirpur

## Department of Botany

### Value Added on Herbal Cosmetics 2022-2023

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#### AIMS AND OBJECTIVES

6. To know concept of active compounds of medicinal plants.
7. To know importance of plants in herbal cosmetics industry.
8. To study plants having medicinal use.
9. To prepare various herbal cosmetics & their use.
10. To know the basics ideas of marketing of the herbal products.

#### Course Outcomes

After successfully completing this course, students will be able –

- CO 1. Students get the knowledge about various herbs used in herbal cosmetics.
- CO 2. Skill of herbal cosmetics preparation is gain through practical experience.
- CO 3. Exhibition and selling of prepared herbal product inside college campus for Teachers and students provides knowledge about communication and marketing skills.
- CO 4. Market visit helps in getting knowledge about demand for herbal cosmetics Products and resources of raw material for herbal product preparation.

#### Duration of the course

- ✓ One Month

#### Timing of the course

- ✓ Two Hours a day.

#### Eligibility Criteria

- ✓ For B.Sc. Student.

#### Criteria for completion

- ✓ The student must have attended at least 80% of the lectures and completed all assignmen

## Syllabus

### Value Added on Herbal Cosmetics

Total period: - 30

Credits:-02

---

#### 1 Introduction to Cosmetics and Cosmeceuticals

- History and Evolution of Cosmetics Science
- Need for study of Cosmeceuticals
- New Advances in the field of Cosmeceutical

#### 2. Anatomy and Physiology of Skin and Hair

- Anatomy and Physiology of Skin
  - Pathology of skin hair and nails
  - Process of skin healing
- 3 Analytical Techniques for Cosmetic Products Evaluation**
- Quantitative and Qualitative Methods of determination of Compounds
  - Ion Exchange Chromatography, Size Exclusion Chromatography
  - Analytical Techniques and Principles Gel Electrophoresis, HPLC
  - Spectroscopically Methods of Analysis
- 4 Herbal Drug Technology**
- Definition of herb, herbal medicine, herbal medicinal product
  - Herbal drug preparation Source of Herbs, Selection, identification and authentication of herbal materials
  - Processing of herbal raw material
- 5 Good Manufacturing Practices & Quality Assurance in Cosmetic Technology**
- GMP guidelines for Cosmetic Products
  - Quality Audits Procedures
  - Regulatory Compliances
- 6 Herbal Product Development and Cosmetic Formulations**
- Methods of Herbal Product Development
  - Screening, Standardization and Identification Procedures
  - Process of Cosmetic Product Development
- 5 Herbal Hair and Oral Care Cosmetics**
- Formulation of Herbal Hair shampoos, Herbal Hair Conditioners, Hair Oils
  - Formulations of Herbal Tooth Pastes, Mouth Washes, Oral Floss
  - Evaluation of oral care formulations

## Reference Book

1. Lal BB. *The Saraswati Flows on: The Continuity of Indian Culture*. 2002.
2. Mahabharata (Critical Edition) Pune: Bhandarkar Oriental Research Institute. *Viratparva*. Chap.3:17, 8:16, Aadiparva. Chap.213:44.
3. Lad GP. *Archeology and Mahabharata*. Pune: Deccan College Postgraduate Research Institute; 1978. Part I. [[Google Scholar](#)]
4. Patkar KB, Bole PV. *Herbal cosmetics in ancient India with a treatise on planta cosmetica*. Bharatiya Vidya Bhavan Mumbai, India Mumbai: World Wide Fund for Nature; 1997. [[Google Scholar](#)]
5. Rao SA. In: *Sri Sarabhendra Vaidya Ratnavali*. Krishnaswami Mahadick., editor. Saraswati Mahal Library: Tanjore; 1952. p. 277. 351,354,359,381. [[Google Scholar](#)]
6. Mukerji B. *The Indian Pharmaceutical Codex-Council of Scientific and Industrial Research*. New Delhi: 1953. pp. 223–228. [[Google Scholar](#)]
7. Rao KV. Contributions to the Study of Economic plants. *Study of vegetable drugs sold on pavements of Bombay*. 1967:256. (In two Volumes) [[Google Scholar](#)]
8. Watson JF. In: *Index to the native and scientific names of economic plants*. Eyre GE,



Spottiswoods W, editors. London: 1866. p. 412. [[Google Scholar](#)]

9. Anon.- *Maharashtra State Gazetteer*. Vol.A. Mumbai: Bot Gen Miscellaneous Plants-Govt Printing Press; 1961. p. 84. Part III. [[Google Scholar](#)]

10. Mishra J. *Shri Kamaratnam-Nityanath virachitam (13<sup>th</sup> Century. A.D.)* Kalyan, Mumbai: Lakshmi-Venkateswar Press Prakashan; 1897. p. 93. Chap.5:60. [[Google Scholar](#)]

R. C. Patel Educational Trust's

## R. C. Patel Arts Commerce and Science College

Shirpur, Dist-Dhule, M.S. 425405

(NAAC Accredited Institute)

To,

The Principal

R. C. Patel Arts, Commerce and Science College,

Shirpur

Sir,

I wish to get admitted to as Students for the Value added course on Herbal  
Garranik Cosmetics

Khairmae Gaurav Vinay  
(Name and Signature of the Candidate)

### PETICULAR OF CANDIDATE

1. Name in Full : Khairmae Gaurav Vinay  
(Surname First) Surname Name Father/Husband  
Name
2. Address for Correspondence : Plot No. 42, Balaji Nagar,  
Shirpur
3. Email Id : gauravkhairmae@gmail.com
4. Phone No/Mob. No : 9322714164
5. Father's/Husband Name : Vinay H. Khairmae
- 6.
7. Sex(Male/Female) : male
8. Nationality : Indian
9. Date of Birth (dd/mm/yy) : 26/07/2002
10. Put the tick ( ) mark(s) in the Appropriate box (es) Applicable in your case

SC	ST	DT	NT-1	NT-2	NT-3	SBC	OBC	Open	PH	DSP
<input checked="" type="checkbox"/>										

P.H:Physically Handicapped ; DSP :Ward of Defense Service Person

Year of Course 2022-2023

Course Name: - Value Added Course on Herbal Cosmetics

Students Attendance with signature

Sr.No	Name	Date & Sign					
1	Khairanar Gaurav V.	08/08/22 Gaurav	15/08/22 Gaurav	22/08/22 A.B	29/08/22 Gaurav	05/09/22 Gaurav	12/09/22 Gaurav
2	Girase Darshana R.	A.B	Girase	Girase	Girase	A.B	Girase
3	Rajput Neha J.	N.J.Rajput	N.J.Rajput		N.J.Rajput	N.J.Rajput	N.J.Rajput
4	Shewale Prajta B.	SPB	SPB	SPB	SPB	SPB	SPB
5	Chaudhari Prapti D.	Prapti	Prapti	Prapti	Prapti	Prapti	Prapti
6	Nikum Riya N.	NRiya	NRiya	NRiya	NRiya	NRiya	NRiya
7	Pawara Pooja V.	PPU	PPU	PPU	PPU	PPU	PPU
8	Mali Shubham S.	MaliS	MaliS		MaliS	MaliS	MaliS
9	Marathe Trupti P.	TPM	TPM	TPM	TPM	TPM	TPM
10	Thorkar Puja B.	Pujabi	Pujabi	Pujabi	Pujabi	Pujabi	Pujabi
11	Tawade Nandini J.	Tawade	Tawade		Tawade		Tawade
12	Wani Isha S.	SIW	SIW		SIW	SIW	SIW
13	Koli Mayur Y.	Kolim		Kolim	Kolim	Kolim	Kolim
14	Sutar Jagruti K.	Kuntas	Kuntas		Kuntas	Kuntas	Kuntas
15	Nikam Meetkumar S.	Nikam	Nikam	Nikam	Nikam	Nikam	Nikam
16	Bhavsar Kirti S.	SBR	SBR	SBR	SBR	SBR	SBR
17	Warule Dimpal A.	DAW	DAW	DAW	DAW	DAW	DAW
18	Patel Palak S.	Ppatel	Ppatel	Ppatel	Ppatel	Ppatel	Ppatel
19	Rajput Diksha D.	DRajput	DRajput	DRajput	DRajput	DRajput	
20	Ahire Lina M.	LinaM	LinaM	LinaM	LinaM		LinaM

21	Tamkhane Bharati A.	<del>ABS</del>	<del>ABP</del>	<del>ABT</del>	<del>ABY</del>	<del>ABJ</del>	<del>ABJ</del>
22	Bharwad Puja L.	<del>IBP</del>	<del>IBP</del>	<del>IBP</del>	<del>IBP</del>	<del>IBP</del>	<del>IBP</del>
23	Wakade Neha S.	<del>wakade S.N.</del>	<del>Wakade S.N.</del>	<del>wakade S.N.</del>	<del>wakade S.N.</del>	<del>wakade S.N.</del>	<del>wakade S.N.</del>
24	Mahale Divya A.	<del>HEVA</del>	<del>HEVA</del>	<del>HEVA</del>	<del>HEVA</del>	<del>HEVA</del>	<del>HEVA</del>
25	Mahale Bhushan K.	<del>Bk</del>	<del>Bk</del>	<del>Bk</del>	<del>Bk</del>	<del>Bk</del>	<del>Bk</del>
26	Patil Bhumika M.	<del>Patim</del>	<del>Patim</del>	<del>Patim</del>	<del>Patim</del>	<del>Patim</del>	<del>Patim</del>
27	Wagh Janvhi A.	<del>VEA</del>	<del>VEA</del>	<del>VEA</del>	<del>VEA</del>	<del>VEA</del>	<del>VEA</del>
28	Pawar Pradip A.	<del>PawarP</del>	<del>PawarP</del>	<del>PawarP</del>	<del>PawarP</del>	<del>PawarP</del>	<del>PawarP</del>
29	More Anjali M.	<del>Maet</del>	<del>Maet</del>	<del>Maet</del>	<del>Maet</del>	<del>Maet</del>	<del>Maet</del>
30	Dhangar Kunal D.	<del>Dhangan</del>	<del>Dhangan</del>	<del>Dhangan</del>	<del>Dhangan</del>	<del>Dhangan</del>	<del>Dhangan</del>
31	Wani Hetal P.	<del>Wanti</del>	<del>Wanti</del>	<del>Wanti</del>	<del>Wanti</del>	<del>Wanti</del>	<del>Wanti</del>
32	Bhamare Arvind B.	<del>BAB</del>	<del>BAB</del>	<del>BAB</del>	<del>BAB</del>	<del>BAB</del>	<del>BAB</del>
33	Pawars Dipak R.	<del>Rud</del>	<del>Rud</del>	<del>Rud</del>	<del>Rud</del>	<del>Rud</del>	<del>Rud</del>
34	Rajput Ankit B.	<del>Rajud</del>	<del>Rajud</del>	<del>Rajud</del>	<del>Rajud</del>	<del>Rajud</del>	<del>Rajud</del>
35	Gujar Kalpesh S.	<del>GKS</del>	<del>GKS</del>	<del>GKS</del>	<del>GKS</del>	<del>GKS</del>	<del>GKS</del>
36	Patil Vibhas S.	<del>Vatih</del>	<del>Vatih</del>	<del>Vatih</del>	<del>Vatih</del>	<del>Vatih</del>	<del>Vatih</del>
37	Mali Vaishanvi R.	<del>MaliV</del>	<del>MaliV</del>	<del>MaliV</del>	<del>MaliV</del>	<del>MaliV</del>	<del>MaliV</del>

*S.M. Tawade*  
Mrs. Tawade S.M.  
Coordinator



*Shelke*  
Mrs. Shelke V.S  
Head of Department

*Dr. D.R. Patil*  
Dr. D.R. Patil  
Principal

**PR:** Practical, **O:** Outstanding Grade



**R. C. Patel Educational Trust's**

**R. C. Patel Arts, Commerce & Science College, Shirpur**

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## STATEMENTS OF MARKS

**Value Added Course in- Herbal Cosmetic**

**Examination Held in- April-2023**

**Student Name: Patil Priti Pramod**

**College Name: R.C.Patel Arts Commerce and Science College, Shirpur**

**Seat Number: VAC-29-004**

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
BOT-01	Herbal Cosmetic	TH	50	40
BOT-02	Herbal Cosmetic	PR	50	45

**Result: Pass**

**Marks Obtained: 85**

**Grade: A**



  
**Co-ordinator**

**Abbreviations:**

**AM:** Assessment Methods, **P:** Pass, **F:** Fail, **AB:** Absent, **RR:** Result Reserved, **TH:** Theory,  
**PR:** Practical, **O:** Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Patil Priti Pramod has pursued a value added course and passed the requisite examination held in April-2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Herbal Cosmetic



*[Signature]*

Course Co-ordinator

*[Signature]*

Co-ordinator

*[Signature]*

Principal

Certificate No.: 2023/29/004/S



R. C. PATEL ARTS, COMMERCE  
AND SCIENCE COLLEGE,  
SHIRPUR, DIST-DHULE



**Value Added Course.**

**Introduction to Electronics and Circuit  
Design**

<b>Faculty:</b> Science	<b>Title:</b> Introduction to Electronics and Circuit Design
<b>Total Credit: 2 (30 Hrs.)</b>	
<b>Type:</b> Value Added Course ELE-01	

**Student Learning Outcomes (SLOs):**

- Understanding of Basic Electronics
- Explain fundamental electronic principles and components.
- Apply circuit analysis techniques to analyze simple circuits.
- Demonstrate knowledge of digital logic gates and sequential circuits.

**Aims & Objectives:**

- To provide students with a foundational understanding of electronics principles and concepts, enabling them to comprehend the fundamental components, circuits, and systems essential for electronic
- To introduce students to the fundamental concepts of electricity and magnetism as they relate to electronic systems.
- To familiarize students with basic electronic components such as resistors, capacitors, inductors, diodes, and transistors, and their behavior in circuits
- To enable students to analyze and design simple electronic circuits using Ohm's Law, Kirchhoff's Laws, and basic circuit analysis techniques.

**Syllabus****(6 hours)****Unit 1: Introduction to Basic Electronics**

- 1.1 Overview of electronics and its applications
- 1.2 Basics of electric charge, current, voltage, and resistance

**Unit-2: Electronic Components and Circuit Analysis****(7 hours)**

- 2.1 Passive components: resistors, capacitors, inductors
- 2.2 Active components: diodes, transistors
- 2.3 Circuit analysis techniques: series, parallel circuits, Kirchhoff's laws

**Unit-3: Digital Electronics Basics****(7 hours)**

- 3.1 Introduction to digital signals and binary representation
- 3.2 Logic gates and truth tables
- 3.3 Universal logic gate: Realization of logic using NAND and NOR.

**Unit-4: Combinational and Sequential Circuit****(10 hours)**

- 4.1 Combinational logic circuits and design principles: MUX, DEMUX, encoder, Decoder.



4.2 Sequential logic circuits: flip-flops ( RS, JK, D, T Flip flops), registers (SISO, SIPO, PISO, PIPO)

4.3 Counter circuits and their applications: Synchronous Counter, Asynchronous Counter and its types.

**Practical (03):**

1. To familiarize with basic electronics components and Identification of resistor values using resistor color code.

1. How to find resistor value using resistor color code chart.
2. Use of C.R.O
3. Use of Multimeter

2. How to use breadboard

1. Implementation of transistor as switch.
2. Implementation of basic power supply.
3. How to design and Implement basic electronic circuit.

3. Project Work: Hands-on project implementation demonstrating course concepts.

**References and Textbooks:**

1. "Basic Principles of Electronics" by V.K Mehta
2. "Electronic Devices and Circuit Theory" by Robert L. Boylestad and Louis Nashelsky
3. "Electronic Principles" by Albert Malvino

R.C.Patel Educational Trust's

## R.C.Patel Arts Commerce and Science College

Shirpur, Dist-Dhule, M.S. 425405

(NAAC Accredited Institute)

To,

The Principal

R.C.Patel Arts, Commerce and Science College,

Shirpur

Sir,

I wish to get admitted to as Students for the \_\_\_ Introduction to Electronics and Circuit Design

*C. D. Bagul*

(Name and Signature of the Candidate)

### PETICULAR OF CANDIDATE

37. Name in Full : Bagul Chandrakant Dnyaneshwar

38. Address for Correspondence : Shirpur

39. Email Id : bchandrakant278@gmail.com

40. Phone No/Mob.No : 9322239158

41. Father's/Husband Name : Bagul Dnyaneshwar

42. Sex(Male/Female) : Male

43. Nationality : India

44. Date of Birth (dd/mm/yy) : 01/01/2004

45. Put the tick ( ) mark(s) in the Appropriate box (es) Applicable in your case

SC	ST	DT	NT-1	NT-2	NT-3	SBC	OBC	Open	PH	DSP
							✓			

P.H:Physically Handicapped ; DSP :Ward of Defence Service Person

a) Name of the last qualified examination: IISC



R.C.Patel Educational Trust's

**R.C.Patel Arts Commerce and Science College**

Shirpur, Dist-Dhule, M.S. 425405

(NAAC Accredited Institute)

To,

The Principal

R.C.Patel Arts, Commerce and Science College,

Shirpur

Sir,

I wish to get admitted to as Students for the Introduction to Electronics and Circuit Design

  
 Ahire Purushottam Kailas  
 (Name and Signature of the Candidate)

**PARTICULAR OF CANDIDATE**

28. Name in Full : Ahire Purushottam Kailas
29. Address for Correspondence : Shirpur
30. Email Id : purushottamahire46@gmail.com
31. Phone No/Mob.No : 8625979527
32. Father's/Husband Name : Ahire Kailas
33. Sex(Male/Female) : Male
34. Nationality : Indian
35. Date of Birth (dd/mm/yy) : 16/09/2004
36. Put the tick ( ) mark(s) in the Appropriate box (es) Applicable in your case

SC	ST	DT	NT-1	NT-2	NT-3	SBC	OBC	Open	PH	DSP
							✓			
P.II:Physically Handicapped ; DSP :Ward of Defence Service Person										

- k) Name of the last qualified examination: HISC
- l) Name of Board/University: Nashik
- m) Name of the college: Sheth V.K. Shah Shahada



# R.C.Patel Art's Commerce and Science College Shirpur

Department of Electronics & Physics

Value Added Course ELE-01 Students List 2022-23

Course name: Introduction to Electronics and Circuit Design

Sr. No.	Names	Class
1	Ahire Purushottam Kailas	F.Y.Bsc
2	Girase Nilesh Kewalsing	F.Y.Bsc
3	Wankhede Sumit Tukaram	F.Y.Bsc
4	Bari Jignesh Vijay	F.Y.Bsc
5	Fulpagare Pradneysh Sharad	F.Y.Bsc
6	Bagul Chandrakant Dnyaneshwar	F.Y.Bsc
7	Marathe Jayvardhan Rajendra	F.Y.Bsc
8	Girase Tushar Premsing	F.Y.Bsc
9	Pandey Sanjana Omprakash	F.Y.Bsc
10	Nikam Rohan Nandlal	F.Y.Bsc
11	Pawar Monika Premsing	F.Y.Bsc
12	Bhavsar Trupti Rajendra	F.Y.Bsc

  
**Head**  
Department Of Electronics  
R.C.Patel Arts, Com. & Sci. College  
Shirpur, Dist. Dhule

R.C Patel Arts, Commerce & Science College Shirpur  
 Department of Electronics (Physics)  
 Attendance of Value Added Course  
 Course name: Introduction to Electronics and Circuit Design  
 A.Y-2022-23

Theory

Sr. No.	Name	03/09	10/09	17/09	24/09	01/10	08/10	15/10	22/10	29/10	05/11	12/11	19/11	26/11	03/12
1	AHIRE PURUSHOTTAM KAILAS	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2	GIRASE NILESH KEWALSING	GNK	GNK	GNK	GNK	GNK	GNK	AB	AB	GNK	GNK	AB	AB	GNK	GNK
3	WANKHEDESUMIT TUKARAM	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	BARIJINESH VIJAY	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5	FULPAGARE PRADNEESH SHARAD	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6	BAGUL CHANDRAKANT DNYANESHWAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7	MARATHE JAYVARDHAN RAJENDRA	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8	GIRASE TUSHAR PREMISING	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9	PANDEY SANJANA OMPRAKASH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10	NIKAM ROHAN NANDLAL	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11	PAWAR MONIKA PREMSING	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
12	BHAVSAR TRUPTI RAJENDRA	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB

*(S.A. shah)*



Head of Department  
 (Dr. S.G. Bachhav)

R.C. Patel Arts, Commerce & Science College Shirpur  
 Department of Electronics (Physics)  
 Attendance of Value Added Course  
 Course name: Introduction to Electronics and Circuit Design  
 A.Y.-2022-23

Practical

Sl. No.	Name	10/12	17/12	24/12	31/12	07/01/23	14/01	21/01	28/01	04/02	11/02	18/02	05/02	04/03	11/03
1	AHIRE PURUSHOTTAM KAILAS	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2	GIRASE NILESH KEWALSING	GNK	GNK	GNK	GNK	GNK	GNK	GNK	GNK	GNK	GNK	GNK	GNK	GNK	GNK
3	WANKHEDE SUMIT TUKARAM	W	W	W	W	W	W	W	W	W	W	W	W	W	W
4	BARIJGNESH VIJAY	B	B	B	B	B	B	B	B	B	B	B	B	B	B
5	FULPAGARE PRADNEYSH SHARAD	F	F	F	F	F	F	F	F	F	F	F	F	F	F
5	BAGUL CHANDRAKANT	B	B	B	B	B	B	B	B	B	B	B	B	B	B
5	DNYANESHWAR	D	D	D	D	D	D	D	D	D	D	D	D	D	D
7	MARATHE JAYVARDHAN RAJENDRA	M	M	M	M	M	M	M	M	M	M	M	M	M	M
8	GIRASE TUSHAR PREMSING	G	G	G	G	G	G	G	G	G	G	G	G	G	G
9	PANDEY SANJANA OMPRAKASH	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	NIKAM ROHAN NANDUAL	N	N	N	N	N	N	N	N	N	N	N	N	N	N
11	PAWAR MONIKA PREMSING	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	BHAVSAR TRUPTI RAJENDRA	B	B	B	B	B	B	B	B	B	B	B	B	B	B

*Practical*  
 (S. A. Shaikh)



*S. S. G. Badhkar*  
 Head of Department  
 (Dr. S. G. Badhkar)

## Questions and Answers Sample

Course Name: Introduction to Electronics and Circuit Design

1. What is the fundamental unit of charge?

- a) Volt
- b) Ampere
- c) Coulomb
- d) Ohm

**\*\*Answer: c) Coulomb\*\***

2. Which component stores electrical energy in an electric field?

- a) Resistor
- b) Capacitor
- c) Inductor
- d) Diode

**\*\*Answer: b) Capacitor\*\***

3. What does Ohm's Law state?

- a)  $V = IR$
- b)  $V = I/R$
- c)  $V = R/I$
- d)  $I = VR$

**\*\*Answer: a)  $V = IR$ \*\***

4. Which material is commonly used as a semiconductor in electronic devices?

- a) Copper
- b) Silver
- c) Silicon
- d) Aluminum

**\*\*Answer: c) Silicon\*\***

5. What is the function of a diode in an electrical circuit?

- a) Amplification
- b) Voltage regulation
- c) Current rectification
- d) Signal modulation

**\*\*Answer: c) Current rectification\*\***

6. Which electronic component amplifies or switches electronic signals?

- a) Resistor
- b) Capacitor
- c) Inductor
- d) Transistor

**\*\*Answer: d) Transistor\*\***

7. What is the SI unit of frequency?

- a) Volt
- b) Hertz
- c) Farad
- d) Ohm

**\*\*Answer: b) Hertz\*\***

8. What is the primary function of an inductor in an electrical circuit?

- a) To store energy in an electric field
- b) To block the flow of direct current
- c) To store energy in a magnetic field
- d) To regulate voltage

**\*\*Answer: c) To store energy in a magnetic field\*\***

9. Which circuit component opposes the flow of electric current?

- a) Capacitor
- b) Inductor
- c) Resistor
- d) Diode

**\*\*Answer: c) Resistor\*\***

10. What does the term "ground" refer to in electrical circuits?

- a) A connection to the Earth
- b) The lowest potential point in a circuit
- c) A protective device in circuits
- d) A voltage source



R. C. Patel Educational Trust's

**R. C. Patel Arts, Commerce & Science College, Shirpur**

[Affiliated to the K.B.C. North Maharashtra University, Jalgaon]

## **STATEMENTS OF MARKS**

**Value Added Course in- Introduction to Electronics and Circuit Design**

**Examination Held in- March-2023**

**Student Name: Borse Roshani Somnath**

**College Name: R. C. Patel Arts Commerce and Science College, Shirpur**

**Seat Number: VAC 27-003**

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
ELE-01	Introduction to Electronics and Circuit Design	TH	50	43
ELE-02	Experiments	PT	50	49

**Result: Pass**

**Marks Obtained: 94**

**Grade: O**



  
**Co-ordinator**

**Abbreviations:**

**AM:** Assessment Methods, **P:** Pass, **F:** Fail, **AB:** Absent, **RR:** Result Reserved, **TH:** Theory, **PR:** Practical, **O:** Outstanding Grade



सा विद्या या विमुक्तये

R. C. Patel Arts, Commerce and Science College  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Borse Rashani Somnath

has pursued a value added course and passed the requisite examination held in March - 2023 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**  
Introduction to Electronics and Circuit Design



*[Signature]*

Course Co-ordinator

*[Signature]*

Co-ordinator

*[Signature]*

Principal

Certificate No.: 2023/27/003/5



# **R. C. Patel Arts, Commerce And Science College, Shirpur**

**Department Computer Application and  
Management  
Value Added Course in  
C-Programming**



**Syllabus of the Value Added Course of  
C-Programming  
Total Period: - 33 hrs. (Credits: - 02)**

**Unit I**

**15 Hours**

- Basic concepts in a C program,
- Declaration, Assignment & Print statements,
- Data Types, operators and expressions etc,
- Programming examples and exercise.
- Two way selection (if, if-else, nested if-else, cascaded if-else),
- switch statement, ternary operator?
- Loops (For, while-do, do-while) in C,
- break and continue,
- Programming examples and exercises

**Unit II**

- Functions in C, Argument Passing – call by value, call by reference,
- void and parameter less Functions,
- Programming exercises Recursion,
- Using an array, Using arrays with Functions
- Multi-Dimensional arrays, Operations on matrices
- String: Declaring, Initializing, Printing and reading strings,
- string manipulation functions, String input and output functions
- Pointers and address, pointers and functions (call by reference) arguments,

pointers and arrays,

❖ **Duration** :- two week

❖ **Time Table of course for Two week**

Time	Mon	Thu	Wed	Thus	Fri	Sat
8:00am to 8:50am	TH	TH	TH	TH	TH	TH
9:00am to 11:00am	lab	lab	lab	lab	lab	lab

4. Eligibility Criteria : 12<sup>th</sup> Pass
5. Name of Teacher :- Asst Prof Harshada Bhavsar
- 6. List of references :-**
7. Denis Ritchie. "C" Programming – Prentice Hall Software Series- ISBN. 10 9 8 7
8. Yashwant P. Kanetkar - ANSI C ,BPB publication. ISBN: 9788183333245
9. Byron Gottfried – Programming with C –Tata McGRAW-Hill ISBN-10: 0070145903
10. Yashwant P. Kanetkar -Understanding pointers in "C" -BPB publication. ISBN-13: 978-8176563581
11. E.Balguruswami -Programming in ANSI- C- Tata McGRAW-Hill- ISBN-10: 933921966X
12. Mike McGrath - C programming in easy step – Wiley publication ISBN-10: 1840785446

**R.C. Patel Arts, Commerce and Science College, Shirpur**  
**Department of Computer Application and Management**  
**Sub:-C-Programming**

**Academe year:- 2022-2023**

**Total marks:- 50**

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**Q.1 Write answers of following questions. (Any 10 each question For 5marks)**

4. What is function and explain the Function components in details.
5. List and Explain in details Parameter passing techniques.
6. Write a short note on scope of variable.
7. Explain Pointer to Pointer with Example.
8. what is dynamic memory allocation in details.
9. write a program addition of two number using function
10. What is Operator and Explain type of Operator
11. Explain Loop statement in c.
12. Explain any String Function in C
13. Explain Pointer to Pointer with Example
14. Explain Switch statement in C.

**R. C. Patel Arts, Commerce and Science College, Shirpur**  
**Department of Computer Application and Management**  
**Sub:-C-Programming**

**Academe year:- 2022-2023**

**Total marks:- 50**

**Write Program of following List. (Any 2 each question For 25 marks)**

1. Write a program to illustrate various operators like arithmetic, relational, logical, Conditional etc.
2. Write a program to illustrate various control statements (if, if-else, nested if-else, switch)
3. Write a program to check whether the number is palindrome or not.
4. Write a program for print the table of 1 to 5 using nested loop.

**R.C.Patel Arts Commerce and Science College**

Shirpur, Dist-Dhule,M.S. 425405

Department Of Computer Application and Management

Admission Form for


Value Added Course C-Programming

PERTICULAR OF CANDIDATE

1. Name in Full (Surname First) :- Mali chetan keshav
2. Father/Husband Name :- keshav M. Mali
3. Address for Correspondence : Hat Post Nikharan
4. Email Id : malichetan2000@gmail.com
5. Phone No/Mob.No : 8640939467
6. Nationality : Indian.
7. Date of Birth (dd/mm/yy) : 8/05/2000

I hereby declare that all statements made in this application to the best of my knowledge and beliefs are true, complete and correct. I understand that in the event of any information being found foulds of incorrect, my admission is able to be cancelled.

Date 15/1/23

  
Name and Sign

Place: Shirpur



R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College, Shirpur

[Affiliated to the K.B.C. North Maharashtra University, Jalgaon]

## STATEMENTS OF MARKS

**Value Added Course in- C Proqraming**

**Examination Held in- April-2023**

**Student Name: Mali Chetan Keshav**

**College Name: R.C.Patel Arts Commerce and Science College, Shirpur**

**Seat Number: VAC 20-09**

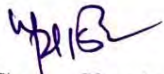
Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
COM-03	C Proqraming	TH	50	45
COM-04	C Proqraming	PR	50	48

**Result: Pass**

**Marks Obtained: 93**

**Grade: O**



  
**Co-ordinator**

**Abbreviations:**

**AM:** Assessment Methods, **P:** Pass, **F:** Fail, **AB:** Absent, **RR:** Result Reserved, **TH:** Theory, **PR:** Practical, **O:** Outstanding Grade

**R.C. Patel Arts Commerce Science College, Shirpur**  
**Department of Computer Application and Management**  
**Value Added Courses of C-Programming ATTENDANCE**

(A-V:-2022-23)

Roll No	Student Name	13-2-23	14-2-23	15-2-23	16-2-23	17-2-23	20-2-23	21-2-23	22-2-23	23-2-23	24-2-23	25-2-23	27-2-23
1	Mali Chetan Keshav	Male	Female	Male	Male	Male	Male	Male	Male	Male	Male	Male	Male
2	Mali Ganesh Vijay	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
3	Mali Lileshwari Sahelrao	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
4	Mali Mukesh Madhavrao	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
5	Mali Ritesh Pramod	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
6	Marathe Dnyaneshwar P	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
7	Marathe Jatin Pundalik	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
8	Marathe Tejas Aba	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
9	Mohite Shweta Yashwant	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
10	Mahajan Gayatri Rajmal	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
11	Patil Hemant Ramkrishna	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
12	Patil Jagruti Sanjay	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
13	Patil Janhavi Mahendra	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
14	Patil Jayesh Ajit	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
15	Patil Jayesh Ninbaji	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
16	Patil Jayesh Sandip	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
17	Patil Kamlesh Jagatrao	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
18	Patil Lokesh Vinod	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
19	Patil Mahesh Bhatu	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
20	Patil Manish Mahendra	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
21	Patel Kajal Chhotatal	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
22	Patel Pradyesh Lokesh	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
23	Pathan Sohlikhan Mehmodkhan	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
24	Patil Aniket Nandkishor	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
25	Patil Bhavana Sanjay	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
26	Rajput Chetana Vishwas	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female
27	Rajput Harshal Narendrasing	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female





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**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Mali chetan Keshav has pursued a value added course and passed the requisite examination held in April - 2023 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

'C' Programming



*H. Bhanu*

Course Co-ordinator

*U. P. R.*

Co-ordinator

*P. Patel*

Principal

Certificate No.: 2023/20/009/S

आर.सी.पटेल.कला,वाणिज्य एवं विज्ञान महाविद्यालय शिरपूर  
हिन्दी विभाग  
अहिंदी भाषिक छात्रों के लिये हिंदी  
2022 - 2023

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**उद्देश्य-:**

1. **भाषा कौशल का विकास** -: छात्र को हिंदी भाषा के विभिन्न पहलुओं जैसे कि वर्णमाला, व्याकरण, शब्दावली, उच्चारण और वाक्य रचना में माहिर बनाना।
2. **साहित्यिक अभिवृद्धि** -: छात्र को हिंदी साहित्य के विभिन्न आयामों को समझने और महत्वपूर्ण लेखकों और कवियों के काम का अध्ययन करने का अवसर देना।
3. **सामाजिक समर्थन** -: हिंदी भाषिक छात्र को हिंदी समाज और संस्कृति के प्रति उत्साहित करना और उन्हें हिंदी भाषा में सामाजिक संवाद में सक्षम बनाना।
4. **प्रभावी संचार** -: छात्र को हिंदी भाषा में आत्मविश्वासपूर्ण और प्रभावी संचार करने के लिए तैयार करना।
5. **पर्यावरण में सम्मिलितता** -: अहिंदी भाषिक छात्र को भारतीय समाज में सामाजिक और पारंपरिक संरचनाओं के साथ अनुकूल बनाना।

**कोर्स उपलब्धिया**

1. **ऑनलाइन पाठ्यक्रम** -: विभिन्न वेबसाइटों और एप्लिकेशन पर हिंदी सीखने के लिए ऑनलाइन पाठ्यक्रम उपलब्ध हैं। यह पाठ्यक्रम आपको भाषा के बुनियादी और उन्नत स्तर की जानकारी प्रदान करते हैं।
2. **भाषा संस्थान** -: शहरों में हिंदी भाषा संस्थानों के द्वारा भी हिंदी सीखने के पाठ्यक्रम उपलब्ध होते हैं। यह पाठ्यक्रम व्याकरण, शब्दावली और बोलने-सुनने कौशल पर ध्यान केंद्रित करते हैं।
3. **संवादवादी पाठ्यक्रम** -: अनुवाद और संवादवादी पाठ्यक्रम भी हिंदी सीखने के लिए उपलब्ध होते हैं। यह आपको भाषा का उच्च स्तर पर बोलने और लिखने कौशल में मदद करते हैं।
4. **साथ में शिक्षा** -: हिंदी के उपयोग को बढ़ाने के लिए, साथ में शिक्षा की विधि भी फायदेमंद हो सकती है। इसमें आप एक भाषा के व्यक्ति के साथ हिंदी में बातचीत करके सीख सकते

हैं।

### **कोर्स परिणाम / नतीजा**

1. **संगत उच्चारण** - : सही उच्चारण के माध्यम से छात्रों को हिंदी भाषा के साथ सहजता से संवाद करने में मदद मिलती है।
2. **वाक्य रचना** - : सही वाक्य रचना का सीखना, विचारों को साफ और संप्रेषणशील तरीके से व्यक्त करने में सहायक होता है।
3. **शब्दावली विस्तार** - : अधिक शब्द सीखने के माध्यम से छात्रों की भाषाई सामर्थ्य में वृद्धि होती है।

**समय के साथ सुधार** - : सही और नियमित अभ्यास के माध्यम से, छात्रों की हिंदी भाषा में प्रगति होती जाती है।

1. **सांविदानिक और अनौपचारिक संवाद** - :

छात्रों को सामाजिक और पेशेवर संदर्भों में हिंदी में संवाद करने की क्षमता प्राप्त होती है

# पाठ्यक्रम

## अहिंदी भाषिक छात्रों के लिये हिंदी

Total period: - 15

Credits:-02

---

### 1. वर्णमाला और उच्चारण-:

पहले-पहल अहिंदी वर्णमाला को सीखना और उच्चारण का अभ्यास करना।

### 2. सामान्य वाक्य निर्माण -:

साधारण हिंदी वाक्यों का अभ्यास करके शब्दावली और वाक्य गतिविधियों को समझना

### 3. व्याकरण-:

नियमों, संज्ञा, सर्वनाम, क्रिया, कारक, संधि, विराम चिह्न आदि के बारे में अध्ययन करना।

### 4. पाठ्यक्रम-:

अहिंदी कहानियाँ, कविताएँ, और साहित्य के महत्वपूर्ण अंशों का अध्ययन करना।

### 5. संचार-:

हिंदी में बातचीत का अभ्यास करना, संवादों का अभ्यास करना।

### 6. अभ्यास-:

नियमित रूप से अभ्यास करें और व्याख्यानों, लेखन कार्यों, और अभ्यासों का समय समर्पित करें।

## Admission Form

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce and Science College Shirpur, Dist - Dhule, M.S. 425405

2022 - 23

To,  
The Principal  
R. C. Patel Arts, Commerce and Science College, Shirpur

Sir,

I wish to get admission to as Students – Value Added Course on – अहिंदी भाषिक छात्र को हिंदी सिखाना

### PETICULAR OF CANDIDATE

14. Name in Full (Surname First) : Mali Gayravji Surai  
15. Father/Husband Name : Mali Surai Kashinath  
16. Mother Name : mali rajaram surai  
17. Address for Correspondence : Shirpur Tal. Shirpur Dist Dhule  
18. Email Id : maligayravji@gmail.com  
19. Mob. No : 9284996465  
20. Date of Birth : 20/05/2004  
21. Place of Birth : Kurukwade  
22. Category : OBC  
23. Family Annual Income : 2,00,000/-  
24. Last qualified examination : F.Y.BA  
25. Mark Obtained (Out of total marks) : 805/1200 (67.83%)  
26. Fathers/Husband Guardian's annual Income from all sources in as 2,00,000/-

I hereby declare that all statements made in this application to the best of my knowledge and beliefs are true, complete and correct. I understand that in the event of any information being found fowls of incorrect, my admission is able to be cancelled.

Date 05/07/2022

Place: Shirpur



(Mali)  
mali gayravji surai

2022 - 2023

कोर्स का नाम :- अहिंदी भाषिक छात्रों के लिए हिंदी

Value Added Course Student Attendance with Signature

Sr. No	Student Name	Signature of Beneficial Student						
		1/8/2022	2/8/2022	3/8/2022	4/8/2022	5/8/2022	6/8/2022	8/8/2022
1	Ahire Ajay. D.	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire
2	Bagale Uday P.	Bagali	Bagali	Bagali	Bagali	Bagali	Bagali	Bagali
3	Bagul Nisha S.	Bagul	Bagul	Bagul	Bagul	Bagul	Bagul	Bagul
4	Bhij Ajay D.	Ahij	Ahij	Ahij	Ahij	Ahij	Ahij	Ahij
5	Buva Gaurav S.	Buvu	Buvu	Buvu	Buvu	Buvu	Buvu	Buvu
6	Davave Jaydev R.	M.R.D	M.R.D	M.R.D	M.R.D	M.R.D	M.R.D	M.R.D
7	Gavali Harish G.	Gavali	Gavali	Gavali	Gavali	Gavali	Gavali	Gavali
8	Koli Chetan D.	Koli	Koli	Koli	Koli	Koli	Koli	Koli
9	Kuvar Jagruti S.	Jagru	Jagru	Jagru	Jagru	Jagru	Jagru	Jagru
10	Kokani Mayuri D.	Kokani	Kokani	Kokani	Kokani	Kokani	Kokani	Kokani
11	Mali Gauravi S.	Gosali	Gosali	Gosali	Gosali	Gosali	Gosali	Gosali
12	Mali Keshav R.	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav	Keshav
13	Mandole Priyanka	smjohari	smjohari	smjohari	smjohari	smjohari	smjohari	smjohari
14	Pawar Neha D.	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
15	Pawar Raj R.	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
16	Patil Yash V.	Patil	Patil	Patil	Patil	Patil	Patil	Patil
17	Patil Mayuresh V.	Patil	Patil	Patil	Patil	Patil	Patil	Patil
18	Pawara Kamal B.	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
19	Sonar Bhushan G.	Sonar	Sonar	Sonar	Sonar	Sonar	Sonar	Sonar
20	Giri Saloni Y.	Giri	Giri	Giri	Giri	Giri	Giri	Giri

*S.M. Patil*

Dr. S.M. Patil.  
(Course Co-ordinator, Department of Hindi)



*D.R. Pati*

Dr. D.R. Pati  
(Principal)

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



R.C. PATEL EDUCATIONAL TRUST

## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Mali Gaurav Sunil

has pursued a value added course and passed the requisite examination held in March - 2023 with A grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

अहिंदी भाषिक छात्रों के लिये हिंदी



*R. C. Patel*

Course Co-ordinator

*W. R. B.*

Co-ordinator

*R. C. Patel*

Principal

Certificate No.: 2023/17/007/A



**R. C. Patel Arts, Commerce and Science**

**College, Shirpur**

**Department of Commence**

**Value Add Course**

**In**

**Computer Literacy**

**Course duration: 33 hrs. Credits: 02**

**For all Undergraduate Students**



**2022-2023**



# **R. C. Patel Arts, Commerce & Science College, Shirpur**

## **Department of Commerce**

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### **Value Added Course on Computer Literacy 2022-2023**

#### **Aim of the Course**

- ✓ Students will learn about the fundamental practices and concepts of computer and develop an appreciation of the diverse role of computing technology in society and the environment in which they live.
- ✓ Studying computer technology will nurture students' interests and passions and empower them to engage confidently and actively with the world

#### **Course Objective**

- ✓ To develop an understanding of how computing technology presents new ways to address problems; and to use computational thinking to analyses problems and to design, develop and evaluate solutions
- ✓ To read, write, test, and modify computer functions.
- ✓ To develop an understanding of how computers work; the component parts of computer systems and how they interrelate, including software, data, hardware, communications, and users
- ✓ To appreciate the ethical and social implications relating to the use of computing technology and information and identify the impact of technology on personal life and society

- ✓ To understand how information technology has changed over time and the effects these changes may have on education, the workforce, and society
  - ✓ To evaluate the accuracy, relevance, appropriateness, comprehensiveness, and bias of online information sources
  - ✓ To work independently and collaboratively, communicate effectively, and become responsible, competent, confident, reflective, and creative users of computing technology in commerce field.
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## **Syllabus for the course of**

### **Computer Literacy**

**Total period: - 16 hrs. (Credits:-02)**

#### **1. History of Five Generations of Computers and their Applications.**

#### **2. Computer Awareness.**

#### **3. Parts of Computer**

- Monitor
- Mouse
- Key board
- CPU
- Printer

#### **4. Computer Fundamentals.**

- MS Office
- MS Word

- MS Paints
- MS Excel

### **5. MS Power Point Presentation**

- Software and Hardware

### **6. Types of Computer Network Devices.**

- LAN
- WAN

### **7. Computer Storage Devices.**

- Hard Disc

**Syllabus for the course of  
Computer Literacy  
Total Period: - 17 hrs. (Practical)**

### **1. Computer Fundamentals.**

- MS Office
- MS Word
- MS Paints
- MS Excel

### **2. MS Power Point Presentation**

- Software and Hardware

### **3. Types of Computer Network Devices.**

- LAN
- WAN

### **4. Computer Storage Devices.**

- Hard Disc

**R.C. Patel Arts, Commerce and Science College, Shirpur**  
**Department of Commerce**

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**Time Table for the A.Y. (2022-2023)**  
**Computer Literacy**

Sr. No	Name of Student
1.	AGRAWAL HARSHAL BIHARIPRASAD
2.	BADGUJAR BHARAT VASUDEV
3.	BADGUJAR DIPALEE NARAYAN
4.	BARI KHUSHAL MADHUKAR
5.	BHADANE MADHURI SHIVAJI
6.	BHALKAR PRIYANKA HEMRAJ
7.	BHAVSAR MOHIT OMPRAKASH
8.	BHOI SHUBHAM DHONDU
9.	BHONGE ANUSHKA SHRIKANT
10.	CHAUDHARI YASH KAILAS
11.	DEORE BHAGYASHREE SANJAY
12.	DEORE NILESH BHARAT
13.	DHAKAD BHUPESH RADHESHYAM
14.	DHANGAR ANITA SAHEBRAO
15.	DHANGAR RUPALI DASHRATH
16.	FULARI PIYUSH VIJAY
17.	FULARI TEJAS GANESH
18.	GIRASE KHUSHAL MUKUNDA
19.	JADHAV MINAL MAHENDRASING
20.	JOSHI SAURABH SANJAY
21.	KHAIRNAR KAJOL DIWAKAR
22.	KOLI MUKTA SANTOSH
23.	KOLI VAISHNAV BHAGWAN

24.	LOHAR GAUTAM PANDURANG
25.	LONARI PALLAVI DEVIDAS
26.	MAHAJAN SALONI VITHOBA
27.	MAHANUBHAV RAVINA LOTAN
28.	MALI ARCHITA ANANDA
29.	MALI KALPESH RAVINDRA
30.	MALI KRISHNA GANESH
31.	MALI SHITAL SAHEBRAO
32.	MISHRA ANURADHA NARENDRA
33.	MORE GAURAV VIJAY
34.	NIKUM ROHIT TUKARAM
35.	NIKWADE SAGAR SUKLAL
36.	PATHAN DANISH KHA RAHEEM KHA
37.	PATIL ABHIJEET KAMLESH
38.	PATIL ASHWINI CHHOTU
39.	PATIL DHANASHRI SAMBHAJI
40.	PATIL MANASI AMRUT
41.	PATIL MAYURI KIRAN
42.	PATIL NIKITA PRAKASH
43.	PATIL VIVEK DATTATRAY
44.	PAWARA DIPRAJ RAISING
45.	RAJPUT MUKTA RAJENDRA
46.	RAJPUT PRIYANKA RAVINDRASING
47.	RAJPUT VAISHNAVI CHANDRASING
48.	SONAWANE PALLAVI RAJENDRA
49.	THORAT VIVEK GIRISH
50.	WANI NILESH SATISH

**R.C. Patel Arts, Commerce and Science College, Shirpur**  
**Department of Commerce**

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**Time Table for the A.Y. (2022-2023)**  
**Skill Enhancement in Computer Literacy**

<b>Date</b>	<b>Day</b>	<b>Time</b>
21/08/2023	Monday	3 hrs.
22/08/2023	Tuesday	3 hrs.
23/08/2023	Wednesday	3 hrs.
24/08/2023	Thursdays	3 hrs.
25/08/2023	Friday	3 hrs.
26/08/2023	Saturday	3 hrs.
28/08/2023	Monday	3 hrs.
29/08/2023	Tuesday	3 hrs.
30/08/2023	Wednesday	4 hrs.
31/08/2023	Thursdays	4 hrs.
01/09/2023	Friday	4 hrs.

R. C. Patel Educational Trust's

**R. C. Patel Arts Commerce and Science College**

Shirpur, Dist-Dhule, M.S. 425405

(NAAC Accredited Institute)

To,

The Principal

R. C. Patel Arts, Commerce and Science College,

Shirpur

Sir,

I wish to get admitted to as Students for the Chaudhari Yash KailasYash

(Name and Signature of the Candidate)

## PARTICULAR OF CANDIDATE

1. Name in Full : Chaudhari Yash Kailas  
(Surname First) Surname Name Father/Husband  
Name
2. Address for Correspondence : Karvan Naka, Shirpur
3. Email Id : Chaudhariyash02@gmail.com
4. Phone No/Mob. No : 8856960425
5. Father's/Husband Name : Chaudhari Kailas Punju
- 6.
7. Sex(Male/Female) : Male
8. Nationality : India
9. Date of Birth (dd/mm/yy) : 25/04/2005
10. Put the tick ( ) mark(s) in the Appropriate box (es) Applicable in your case

SC	ST	DT	NT-1	NT-2	NT-3	SBC	OBC	Open	PH	DSP
							✓			

P.H:Physically Handicapped ; DSP :Ward of Defense Service Person

Shingde  
Head of Department  
Commerce  
R.C.Patel Arts, Commerce and Science College  
Shirpur



R. C. Patel Arts, Commerce & Science College

Department of Commerce

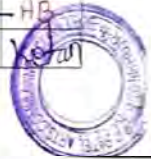
Value Added Course in Computer Literacy (2022-2023)



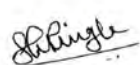
Sr. No	Name of Student	21/08/23	22/08/23	23/08/23	24/08/23	25/08/23	26/08/23	28/08/23	29/08/23	30/08/23	31/08/23	01/09/23
1.	AGRAWAL HARSHAL BHARIPRASAD	ARB	ARB	ARB	ARB	ARB	ARB	ARB	ARB	ARB	ARB	ARB
2.	BADGUJAR BHARAT VASUDEVI	<del>Badgu</del>	<del>Badgu</del>	<del>Badgu</del>	<del>Badgu</del>	<del>Badgu</del>	<del>Badgu</del>	<del>Badgu</del>	<del>Badgu</del>	<del>Badgu</del>	<del>Badgu</del>	<del>Badgu</del>
3.	BADGUJAR DIPALEE NARAYAN	<del>Dipalee</del>	<del>Dipalee</del>	<del>Dipalee</del>	<del>Dipalee</del>	<del>Dipalee</del>	<del>Dipalee</del>	<del>Dipalee</del>	<del>Dipalee</del>	<del>Dipalee</del>	<del>Dipalee</del>	<del>Dipalee</del>
4.	BARI KHUSHAL MADHUKAR	<del>Bari</del>	<del>Bari</del>	<del>Bari</del>	<del>Bari</del>	<del>Bari</del>	<del>Bari</del>	<del>Bari</del>	<del>Bari</del>	<del>Bari</del>	<del>Bari</del>	<del>Bari</del>
5.	BHADANE MADHURI SHYAMJI	<del>Bhadane</del>	<del>Bhadane</del>	<del>Bhadane</del>	<del>Bhadane</del>	<del>Bhadane</del>	<del>Bhadane</del>	<del>Bhadane</del>	<del>Bhadane</del>	<del>Bhadane</del>	<del>Bhadane</del>	<del>Bhadane</del>
6.	BHALKAR PRIYANKA HEMPAJI	<del>Bhal</del>	<del>Bhal</del>	<del>Bhal</del>	<del>Bhal</del>	<del>Bhal</del>	<del>Bhal</del>	<del>Bhal</del>	<del>Bhal</del>	<del>Bhal</del>	<del>Bhal</del>	<del>Bhal</del>
7.	BHAVSAR MOHTI OMPRAKASH	B.M.O	B.M.O	B.M.O	B.M.O	B.M.O	B.M.O	B.M.O	B.M.O	B.M.O	B.M.O	B.M.O
8.	BHOI SHUBHAM DHONDU	<del>Bhoi</del>	<del>Bhoi</del>	<del>Bhoi</del>	<del>Bhoi</del>	<del>Bhoi</del>	<del>Bhoi</del>	<del>Bhoi</del>	<del>Bhoi</del>	<del>Bhoi</del>	<del>Bhoi</del>	<del>Bhoi</del>
9.	BHONGE ANUSHKA SHRIKANT	ABonge	ABonge	ABonge	ABonge	AB	ABonge	ABonge	ABonge	ABonge	ABonge	ABonge
10.	CHAUDHARI YASH KAILAS	<del>Chaudh</del>	<del>Chaudh</del>	<del>Chaudh</del>	<del>Chaudh</del>	<del>Chaudh</del>	<del>Chaudh</del>	<del>Chaudh</del>	<del>Chaudh</del>	<del>Chaudh</del>	<del>Chaudh</del>	<del>Chaudh</del>
11.	DEORE BHAGYASHREE SANJAY	<del>Deore</del>	<del>Deore</del>	<del>Deore</del>	<del>Deore</del>	<del>Deore</del>	<del>Deore</del>	<del>Deore</del>	<del>Deore</del>	<del>Deore</del>	<del>Deore</del>	<del>Deore</del>
12.	DEORE NILESH BHARAT	<del>Deore</del>	<del>Deore</del>	<del>Deore</del>	<del>Deore</del>	AB	AB	<del>Deore</del>	<del>Deore</del>	<del>Deore</del>	<del>Deore</del>	<del>Deore</del>
13.	DHAKAO BHUPESH RAHESHKAM	<del>Dhaka</del>	<del>Dhaka</del>	<del>Dhaka</del>	<del>Dhaka</del>	AB	<del>Dhaka</del>	<del>Dhaka</del>	<del>Dhaka</del>	<del>Dhaka</del>	<del>Dhaka</del>	<del>Dhaka</del>
14.	DHANGAR ANITA SAHEBRAO	<del>Dhanga</del>	<del>Dhanga</del>	<del>Dhanga</del>	<del>Dhanga</del>	<del>Dhanga</del>	<del>Dhanga</del>	<del>Dhanga</del>	<del>Dhanga</del>	AB	AB	<del>Dhanga</del>
15.	DHANGAR RUPALI DASHRATH	<del>Dhanga</del>	<del>Dhanga</del>	<del>Dhanga</del>	<del>Dhanga</del>	<del>Dhanga</del>	<del>Dhanga</del>	<del>Dhanga</del>	<del>Dhanga</del>	<del>Dhanga</del>	<del>Dhanga</del>	<del>Dhanga</del>
16.	FULARI PIYUSH VIJAY	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>
17.	FULARI TEJAS GANESH	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>	<del>Fulari</del>
18.	GRASE KHUSHAL MUKUNDA	GKM	GKM	GKM	GKM	KKM	AKM	GKM	GKM	GKM	AB	GKM
19.	JADHAV MINAL MAHENDRASING	<del>Jadhav</del>	<del>Jadhav</del>	<del>Jadhav</del>	<del>Jadhav</del>	<del>Jadhav</del>	<del>Jadhav</del>	<del>Jadhav</del>	<del>Jadhav</del>	<del>Jadhav</del>	<del>Jadhav</del>	<del>Jadhav</del>
20.	JOSHI SAURABH SANJAY	<del>Joshi</del>	<del>Joshi</del>	<del>Joshi</del>	<del>Joshi</del>	<del>Joshi</del>	<del>Joshi</del>	<del>Joshi</del>	<del>Joshi</del>	<del>Joshi</del>	<del>Joshi</del>	<del>Joshi</del>



21.	RAJPUT ASHWINI PADMASING	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>
22.	RAJPUT MEDHA BHUPENDRASING	Medha	Medha	Medha	Medha	Medha	Medha	Medha	Medha	Medha	Medha	Medha
23.	RAJPUT MONIKA CHUNILAL	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>
24.	RAJPUT NISHANTSING SANJAYSING	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>
25.	RAJPUT RAHUL SANJAYSING	RR	R.R	RR	RR	RR	RR	RR	RR	RR	RR	RR
26.	RAJPUT SULAKSHNA GULASSING	<del>Sulakshna</del>	<del>Sulakshna</del>	<del>Sulakshna</del>	<del>Sulakshna</del>	<del>Sulakshna</del>	<del>Sulakshna</del>	<del>Sulakshna</del>	<del>Sulakshna</del>	<del>Sulakshna</del>	<del>Sulakshna</del>	<del>Sulakshna</del>
27.	RAJPUT URVASHI RAVINDRA	URR	URR	URR	URR	URR	URR	URR	URR	URR	URR	URR
28.	RAUL SARITA YOGENDRASING	<del>Saekta</del>	<del>Saekta</del>	<del>Saekta</del>	<del>Saekta</del>	<del>Saekta</del>	<del>Saekta</del>	<del>Saekta</del>	<del>Saekta</del>	<del>Saekta</del>	<del>Saekta</del>	<del>Saekta</del>
29.	SAINDANE SHWETA HIRALAL	S.S.H	S.S.H	S.S.H	S.S.H	S.S.H	S.S.H	S.S.H	S.S.H	S.S.H	S.S.H	S.S.H
30.	SALLIKHE HARSHADA GORAKHANATH	<del>HR</del>	<del>HR</del>	<del>HR</del>	<del>HR</del>	<del>HR</del>	<del>HR</del>	<del>HR</del>	<del>HR</del>	<del>HR</del>	<del>HR</del>	<del>HR</del>
31.	SASTE YASHASHREE RAMESH	<del>Syashree</del>	<del>Syashree</del>	<del>Syashree</del>	<del>Syashree</del>	<del>Syashree</del>	<del>Syashree</del>	<del>Syashree</del>	<del>Syashree</del>	<del>Syashree</del>	<del>Syashree</del>	<del>Syashree</del>
32.	SHAIKH ANAS SADIQUE	<del>AN</del>	<del>AN</del>	<del>AN</del>	<del>AN</del>	<del>AN</del>	<del>AN</del>	<del>AN</del>	<del>AN</del>	<del>AN</del>	<del>AN</del>	<del>AN</del>
33.	SHARMA MANSI RAJENDRA	<del>Sharma</del>	<del>Sharma</del>	<del>Sharma</del>	<del>Sharma</del>	<del>Sharma</del>	<del>Sharma</del>	<del>Sharma</del>	<del>Sharma</del>	<del>Sharma</del>	<del>Sharma</del>	<del>Sharma</del>
34.	SHARMA RITIKA PRASHANT	Ritika	Ritika	Ritika	Ritika	AB	Ritika	Ritika	Ritika	Ritika	Ritika	Ritika
35.	SHIMPI NAMRATA RAVINDRA	<del>Namrata</del>	<del>Namrata</del>	<del>Namrata</del>	<del>Namrata</del>	<del>Namrata</del>	<del>Namrata</del>	<del>Namrata</del>	<del>Namrata</del>	<del>Namrata</del>	<del>Namrata</del>	<del>Namrata</del>
36.	SHIMPI NIKHIL PRAVIN	<del>Nikhil</del>	<del>Nikhil</del>	<del>Nikhil</del>	<del>Nikhil</del>	<del>Nikhil</del>	<del>Nikhil</del>	<del>Nikhil</del>	<del>Nikhil</del>	<del>Nikhil</del>	<del>Nikhil</del>	<del>Nikhil</del>
37.	SHIMPI PUNAM SUNIL	<del>Punam</del>	<del>Punam</del>	<del>Punam</del>	<del>Punam</del>	<del>Punam</del>	<del>Punam</del>	<del>Punam</del>	<del>Punam</del>	<del>Punam</del>	<del>Punam</del>	<del>Punam</del>
38.	SHIRSATH SANDIP VIJAY	<del>Sandip</del>	<del>Sandip</del>	<del>Sandip</del>	<del>Sandip</del>	<del>Sandip</del>	<del>Sandip</del>	<del>Sandip</del>	<del>Sandip</del>	<del>Sandip</del>	<del>Sandip</del>	<del>Sandip</del>
39.	SHIRSATH SAPANA DNYANESHWAR	<del>Sapana</del>	<del>Sapana</del>	<del>Sapana</del>	<del>Sapana</del>	<del>Sapana</del>	<del>Sapana</del>	<del>Sapana</del>	<del>Sapana</del>	<del>Sapana</del>	<del>Sapana</del>	<del>Sapana</del>
40.	SONAWANE KALYANI KASHINATH	K.K.S	K.K.S	K.K.S	K.K.S	K.K.S	K.K.S	K.K.S	K.K.S	K.K.S	K.K.S	K.K.S
41.	SONAWANE MAYUR SUNIL	MONUE	MONUE	MONUE	MONUE	MONUE	MONUE	MONUE	MONUE	MONUE	MONUE	MONUE
42.	SONAWANE PRANALI GANESH	<del>Pranali</del>	<del>Pranali</del>	<del>Pranali</del>	<del>Pranali</del>	<del>Pranali</del>	<del>Pranali</del>	<del>Pranali</del>	<del>Pranali</del>	<del>Pranali</del>	<del>Pranali</del>	<del>Pranali</del>
43.	SONAWANE TEJAL SANJAY	<del>Tejal</del>	<del>Tejal</del>	<del>Tejal</del>	<del>Tejal</del>	<del>Tejal</del>	<del>Tejal</del>	<del>Tejal</del>	<del>Tejal</del>	<del>Tejal</del>	<del>Tejal</del>	<del>Tejal</del>
44.	THOMBARE KETAN ANIL	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan



47.	RAJPUT VAISHNAVI CHANDRASING	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>	<del>Rajput</del>
48.	SONAWANE PALLAVI RAJENDRA	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi
49.	THORAT VIVEK GIRISH	T.V.G	T.V.G	T.V.G	T.V.G	T.V.G	T.V.G	T.V.G	T.V.G	T.V.G	T.V.G	T.V.G
50.	WANI NILESH SATISH	<del>Nilesh</del>	<del>Nilesh</del>	<del>Nilesh</del>	<del>Nilesh</del>	<del>Nilesh</del>	<del>Nilesh</del>	<del>Nilesh</del>	<del>Nilesh</del>	<del>Nilesh</del>	<del>Nilesh</del>	<del>Nilesh</del>

  
 Head of Department  
 Computer  
 R.C.Patel Arts, Comm. & Sci. Coll. (M)  
 Shri. P. Lal. Bldg.





R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College, Shirpur

(Affiliated to the K.B.C. North Maharashtra University, Jalgaon)

## STATEMENTS OF MARKS

Value Added Course in- Computer Literacy

Examination Held in- March-2023

Student Name: Borse Roshani Somnath

College Name: R. C. Patel Arts Commerce and Science College, Shirpur

Seat Number: VAC 02-006

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
PHY-01	Computer Literacy	TH	50	43
PHY-02	Computer Literacy	PT	50	50

Result: Pass

Marks Obtained: 93

Grade: O

Co-ordinator

Abbreviations:

AM: Assessment Methods, P: Pass, F: Fail, AI  
PR: Practical, O: Outstanding Grade



Reserved, TH: Theory,

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Borase Roshani Somnath has pursued a value added course and passed the requisite examination held in March-2023 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Computer Literacy



Haudhale  
Course Co-ordinator

W. Patel  
Co-ordinator

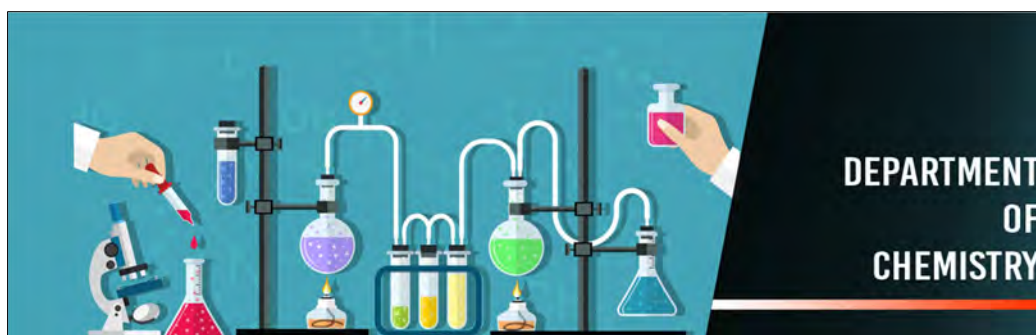
Relatid  
Principal

Certificate No.: 2023/02/006/C



**R. C. PATEL ARTS, COMMERCE AND  
SCIENCE COLLEGE,  
SHIRPUR, DIST-DHULE**

**Value Added Course:  
Soap and Detergent Making**



<b>Faculty:</b> Science	<b>Title:</b> Soap and Detergent Making
<b>Total Credit:</b> 2 (30 Hrs.)	
<b>Type:</b> Value Added Course (2021-22)	

● **Student Learning Outcomes (SLOs):**

- Skill development for detergent cake and liquid soap, shampoo, hand wash making.
- Knowledge of basic concepts and techniques of soap and detergent industry.
- Understanding of oil, fat and their sources in India.

**Syllabus**

**Unit-1: Introduction to oil and fats:**

**(6 hours)**

1.1 Classification, structure and sources of oil and fats

1.2 Natural sources of oils and fats in India

**Unit-2: Soaps:**

**(7 hours)**

2.1 introduction to soaps, synthetic detergents, raw materials and its selection

2.2 principles of soap making and chemistry of soap

2.3 Boiling, saponification process

**Unit-3: Detergents:**

**(7 hours)**

3.1 Types of detergents, classification of detergents (anionic, cationic, nonionic, amphoteric), biodegradability.

3.2 Inorganic compounds of detergents (builder & other additives, phosphates, silicates, zeolites, etc.)

**Unit-4: Synthetic detergents:**

**(10 hours)**

4.1 Organic raw materials for manufacturing of fatty acids, olefins, alkyl benzene, methyl esters, fatty amines, ethylene oxide, propylene oxide sources and manufacture.

4.2 Inorganic raw material for Sulphonation viz; sulphuric acid, sulphonic acid, oleum, Sulphur trioxide, chlorosulphonic acid.

4.3 Sulphonation of organic raw materials like fatty acids, fatty acids ethoxylates plants and processes.

4.4 Sulphonation of alkyl benzene, olefins & vegetable oils, plants and processes.

**Practical's:**

4. Determination of physico-chemical characteristics of oil and fats

1. Moisture content

2. Acid value
3. Iodine value
4. Saponification reaction and Saponification value
5. Manufacture of liquid soap (shampoo) and laundry soap.
6. Project Work: Industrial training for one month duration.

**References and Textbooks:**

4. Ajay Kr. Gupta, Handbook on Soaps, Detergents & Acid Slurry, 3<sup>rd</sup> revised edition; NIIR Board publication. ISBN: 9789381039472
5. P. K. Chattopadhyay, Modern Technology of Soaps, Detergents & Toiletries (with Formulae & Project Profiles) 4th Revised Edition, NIIR Board publication; ISBN: 9789381039700
6. H. Panda, Herbal Soaps & Detergents Handbook, NIIR Board publication; ISBN: 9789381039007.

**7. Time Table of Course Lectures (2022-23)**

**8. Soap and Detergent Making**

**9.**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4.00-5.00pm	18-8-22	19-8-22	-	-	22-8-22	23-8-22
4.00-5.00pm	23-8-22	24-8-22	25-8-22	26-8-22	27-8-22	29-8-22
4.00-5.00pm	1-9-22	2-9-22	3-9-22	4-9-22	-	-
4.00-5.00pm	7-9-22	8-9-22	9-9-22	10-9-22	11-9-22	12-9-22
4.00-5.00pm	14-9-22	-	-	17-9-22	18-9-22	19-9-22
4.00-5.00pm	21-9-22	22-9-22	23-9-22	24-9-22	25-9-22	26-9-22
4.00-5.00pm	28-9-22	29-9-22	30-9-22	-	1-10-22	2-9-22
4.00-5.00pm	4-10-22	5-10-22	6-10-22	-	-	-

**10.**

• **Outcomes:**

Students are actively completed Forensic Microbiology course. This course provides knowledge to students regarding structure of forensic laboratories, different types of crimes in society and various acts and their relevant sections.

R.C.PATEL ARTS, COMMERCE AND SCIENCE COLLEGE, SHIRPUR

DEPARTMENT OF CHEMISTRY

VALUE ADDED COURSE: LABORATORY SAFETY AND RULES (2022-23)

No.	Name of Student	18/9/22	19/9/22	22/8/22	23-8-22	24-8-22	25-8-22	26-8-22	27-8-22	29-8-22	1-9-22
1	Chaudhari manish sanjay	Chaudh	Chaudh	Chaudh	Chaudh	Chaudh	Chaudh	Chaudh	Chaudh	Chaudh	Chaudh
2	Chaudhari rajnandini devram	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari
3	Badgujar nikita devidas	NDB	NDB	NDB	NDB	NDB	NDB	NDB	NDB	NDB	NDB
4	Ahire vishal anil	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire	Ahire
5	Girase ravindra darbarsing	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase
6	Jagatap vikas prakash	Jagatap	Jagatap	Jagatap	Jagatap	Jagatap	Jagatap	Jagatap	Jagatap	Jagatap	Jagatap
7	Dhangar deepali kailas	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar
8	Dhatkar vaibhav bhalchandra	Dhatkar	Dhatkar	Dhatkar	Dhatkar	Dhatkar	Dhatkar	Dhatkar	Dhatkar	Dhatkar	Dhatkar
9	Patil akanksha avinash	AAP	AAP	AAP	AAP	AAP	AAP	AAP	AAP	AAP	AAP
10	Nimbalkar rakhi rajesh	Rakhi	Rakhi	Rakhi	Rakhi	Rakhi	Rakhi	Rakhi	Rakhi	Rakhi	Rakhi
11	Mali hemant kishor	Hem	Hem	Hem	Hem	Hem	Hem	Hem	Hem	Hem	Hem
12	Patil lina sanjay	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
13	Patil mayur sanjaybhai	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
14	Patil chetana kapil	CKP	CKP	CKP	CKP	CKP	CKP	CKP	CKP	CKP	CKP
15	Patil siddharth nimba	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil
16	Patil vrushali dnyaneshwar	VDP	VDP	VDP	VDP	VDP	VDP	VDP	VDP	VDP	VDP
17	Patil veena uddhav	Veena	Veena	Veena	Veena	Veena	Veena	Veena	Veena	Veena	Veena
18	Girase ravindra darbarsing	G.R.A	G.R.A	G.R.A	G.R.A	G.R.A	G.R.A	G.R.A	G.R.A	G.R.A	G.R.A
19	Rajput avantika praveen	Avantika	Avantika	Avantika	Avantika	Avantika	Avantika	Avantika	Avantika	Avantika	Avantika
20	Wagh sneha gopichand	SGW	SGW	SGW	SGW	SGW	SGW	SGW	SGW	SGW	SGW
21	Shirsath kalyani avinash	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath



Anahashabon  
 HBAU  
 Department of Chemistry  
 R.C. Patel Arts, Comm. & Sci. College,  
 Shirpur, Dist. Dhule, 425 405



R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce & Science College, Shirpur

[Affiliated to the K.B.C. North Maharashtra University, Jalgaon]

## STATEMENTS OF MARKS

Value Added Course in- Value Added Course in Soap and Detergent Making

Examination Held in- March-2023

Student Name: Chaudhari Yash Kailas

College Name: R. C. Patel Arts Commerce and Science College, Shirpur

Seat Number: VAC 31-006

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
CHM-01	Detergent Making	TH	50	41
CHM-02	Detergent Making	PT	50	50

Result: Pass

Marks Obtained: 91

Grade: O



Co-ordinator

Abbreviations:

AM: Assessment Methods, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, TH: Theory, PR: Practical, O: Outstanding Grade





# **R. C. Patel Arts, Commerce and Science College, Shirpur**

Department Computer Application and  
Management

Value Added Course in

**Web Development**



**R. C. Patel Arts Commerce Science College, Shirpur**  
**Department of Computer Application and Management**

**VALUE ADDED COURSES**  
**Web Development Programming**

**AIM**

- ✓ prepare individuals with any level of experience or technical knowledge for a career in Languages.
- ✓ Improve Basic Knowledge About Programming.

**COURSE OBJECTIVE**

- ✓ Objective of the Course To help students improve their C programming skills and also to help develop logic for the given problem.
- ✓ It will help students to face placement.
- ✓ Outcome of the Workshop Students will be able to develop C programs for the given problem

**Syllabus of the Value Added Course of**  
**Web Development Programming**

**Total Period: - 30 hrs. (Credits: - 02)**

**Unit I**

**15 Hours**

- Basic concepts in a C program,
- Declaration, Assignment & Print statements,
- Data Types, operators and expressions etc,
- Programming examples and exercise.
- Two way selection (if, if-else, nested if-else, cascaded if-else),
- switch statement, ternary operator?
- Loops (For, while-do, do-while) in C,
- break and continue,
- Programming examples and exercises

**Unit II**

- Functions in C, Argument Passing – call by value, call by reference,
- void and parameter less Functions,
- Programming exercises Recursion,

- Using an array, Using arrays with Functions
- Multi-Dimensional arrays, Operations on matrices
- String: Declaring, Initializing, Printing and reading strings,
- string manipulation functions, String input and output functions
- Pointers and address, pointers and functions (call by reference) arguments,  
pointers and arrays,

❖ **Duration** :- two week

❖ **Time Table of course for Two week**

Time	Mon	Thu	Wed	Thus	Fri	Sat
8:00am to 8:50am	TH	TH	TH	TH	TH	TH
9:00am to 11:00am	lab	lab	lab	lab	lab	lab

13. Eligibility Criteria : 12<sup>th</sup> Pass

14. Name of Teacher :- Asst Prof Harshada Bhavsar

**15. List of references :-**

16. Denis Ritchie. "C" Programming – Prentice Hall Software Series- ISBN. 10 9 8 7

17. Yashwant P. Kanetkar - ANSI C ,BPB publication. ISBN: 9788183333245

18. Byron Gottfried – Programming with C –Tata McGRAW-Hill ISBN-10: 0070145903

19. Yashwant P. Kanetkar -Understanding pointers in "C" -BPB publication. ISBN-13: 978-8176563581

20. E.Balguruswami -Programming in ANSI- C- Tata McGRAW-Hill- ISBN-10: 933921966X

21. Mike McGrath - C programming in easy step – Wiley publication ISBN-10: 1840785446

**R.C. Patel Arts, Commerce and Science College, Shirpur  
Department of Computer Application and Management  
Sub:- Web Development Programming**

**Academe year:- 2022-2023**

**Total marks:- 50**

**Q.1 Write answers of following questions. (Any 10 each question For 5marks)**

15. What is function and explain the Function components in details.

16. List and Explain in details Parameter passing techniques.

17. Write a short note on scope of variable.

18. Explain Pointer to Pointer with Example.

19. what is dynamic memory allocation in details.

20. write a program addition of two number using function

21. What is Operator and Explain type of Operator

22. Explain Loop statement in c.

23. Explain any String Function in C

24. Explain Pointer to Pointer with Example

25. Explain Switch statement in C.

**R. C. Patel Arts, Commerce and Science College, Shirpur**  
**Department of Computer Application and Management**  
**Sub Web Development Programming**

**Academe year: - 2022-2023**

**Total marks: - 50**

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**Write Program of following List. (Any 2 each question For 25 marks)**

5. Write a program to illustrate various operators like arithmetic, relational, logical, Conditional etc.
6. Write a program to illustrate various control statements (if, if-else, nested if-else, switch)
7. Write a program to check whether the number is palindrome or not.
8. Write a program for print the table of 1 to 5 using nested loop.

R.C.Patel Educational Trust's

## R.C.Patel Arts Commerce and Science College

Shirpur, Dist-Dhule, M.S. 425405

Department Of Computer Application and Management

Admission Form for

Value Added Course C-Programming

### PARTICULAR OF CANDIDATE

1. Name in Full (Surname First) : Mali chetan keshav
2. Father/Husband Name :- keshav M. Mali
3. Address for Correspondence : Hat Post Niheman
4. Email Id : malichetan2000@gmail.com
5. Phone No/Mob.No : 8640939467
6. Nationality : Indian.
7. Date of Birth (dd/mm/yy) : 8/05/2000

I hereby declare that all statements made in this application to the best of my knowledge and beliefs are true, complete and correct. I understand that in the event of any information being found false or incorrect, my admission is liable to be cancelled.

Date 15/1/23

  
Name and Sign

Place: Shirpur



R. C. Patel Educational Trust's

**R. C. Patel Arts, Commerce & Science College, Shirpur**

[Affiliated to the K.B.C. North Maharashtra University, Jalgaon]

## STATEMENTS OF MARKS

**Value Added Course in- Web Development**

**Examination Held in- March-2023**

**Student Name: Ahire Snehal Sadashiv**

**College Name: R.C.Patel Arts Commerce and Science College, Shirpur**

**Seat Number: VAC 21-018**

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
COM-03	Web Development	TH	50	43
COM-04	Web Development	PR	50	49

**Result: Pass**

**Marks Obtained: 92**

**Grade: O**



**Co-ordinator**

**Abbreviations:**

**AM:** Assessment Methods, **P:** Pass, **F:** Fail, **AB:** Absent, **RR:** Result Reserved, **TH:** Theory, **PR:** Practical, **O:** Outstanding Grade

सा विद्या या विमुक्तये

**R. C. Patel Arts, Commerce and Science College**  
Shirpur, 425405

Affiliated to KBC North Maharashtra  
University, Jalgaon (M.S.), India



## CERTIFICATE

The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Ahire snehal sadashiv has pursued a value added course and passed the requisite examination held in March-2023 with O grade and found duly qualified. This certificate is awarded for successful completion of

**Value Added Course in**

Web Development



*[Signature]*

Course Co-ordinator

*[Signature]*

Co-ordinator

*[Signature]*

Principal

Certificate No.: 2023/21/018/85