



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 (4th 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 4th 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**

INDEX

Sr.No	Value Added Course	Students	Hrs.	Page No.
1.	Value Added Course in Leadership Development	50	33 Hrs.	4-14
2.	Value Added Course in भाषिक अभिव्यक्ती कौशल्य	21	30 Hrs.	15-20
3.	Value Added Course in Basics of Basic Instrumentation	9	33 Hrs.	21-28
4.	Value Added Course in Introduction to Electronics and Circuit	10	33 Hrs.	29-37
5.	Value Added Course in Mastering Modeling and Stimulation Certificate Course Overview	10	33 Hrs.	38-48
6.	Value Added Course in अहिंदी भाषिक अभिव्यक्ती कौशल्य	21	30 Hrs.	49-53
7.	Value Added Course in Disaster Management	20	30 Hrs.	54-59
8.	Value Added Course in भाषांतराव्दारे विविध भाषांतील साहित्याचे व भाषिक व्यवहाराचे ज्ञान	21	33 Hrs.	60-64
9.	Value Added course in Basic Mathematics	35	33 Hrs.	65-70
10.	Value Added Course in Mushroom Technology	40	33 Hrs.	71-77
11.	Value Added Course in Herbal Cosmetic	10	30 Hrs.	78-84
12.	Value Added Course in Understanding Politics	20	30 Hrs.	85-89
13.	Value Added Course in Introduction to Indian Constitution	20	30 Hrs.	90-95
14.	Value Added course in Vedic Mathematics	31	33 Hrs.	96-103
15.	Value Added course in Environmental Ethics Water Resource, Management, Water Pollution and Health	452	30 Hrs.	104-130
16.	Value Added course in forensic Microbiology	18	30 Hrs.	131-139
17.	Value Added course in Financial Literacy	20	30 Hrs.	14-146
18.	Value Added course in Consumer Protection Laws	20	30 Hrs.	147-152
19.	Value Added Course in Writing Skills	50	35 Hrs.	153-159
20.	Value Added Course in C Programming	50	33 Hrs.	160-166
21.	Value Added Course in Web Development	50	33 Hrs.	167-174
22.	Value Added Course in स्वयमरोजगारासाठी लेखन कौशल्य	20	33 Hrs.	175-180

23	Value Added Course in Child Psychology	41	30 Hrs.	181-184
24	Value Added Course in Computer Literacy	50	33 Hrs.	185-190
25	Value Added Course in Dynamic of Child health Development	41	30 Hrs.	191-198
26	Value Added Course in Cyber Security	20	30 Hrs.	199-204
27	Value Added Course in Forensic Microbiology	19	30 Hrs.	205-212
28	Value Added Course in Soap and Detergent Making	22	30 Hrs.	213-222
29	Value Added Course in Web Development (CS)	20	30 Hrs.	222-229



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

**Value Added Course in Leadership
Development**



A.Y-2021-22

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

**Value Added Course in Leadership Development
2021-2022**

- **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

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

“Leadership Development”
Student Admitted List
A.Y.2021-22

Sr. No.	Name of Student
1.	Patil Sanket Lotan
2.	Shimpi Gitanjali Rajendra
3.	Bhavsar Manasi Yogesh
4.	Mali Jyoti Sunil
5.	Pawar Harshada Prakash
6.	Yeshi Jayshree Dilip
7.	Bari Iasha Satish
8.	Mali Vaishali Bhaskar
9.	Patil Kavita Bushan
10.	Gavhane Vaishnavi Kailas
11.	Bari Vrushali Dipak
12.	Aasapure Gaurav Sunil
13.	Agrawal Harshal Bihariprasad
14.	Badgujar Bharat Vasudev
15.	Badgujar Dipalee Narayan
16.	Bari Harshada Pradip
17.	Bari Harshal Sunil
18.	Bari Khushal Madhukar
19.	Baviskar Nilima Dilip
20.	Bhadane Madhuri Shivaji
21.	Bhalkar Priyanka Hemraj
22.	Bhamare Vaishnavi Vijay
23.	Bhavsar Mohit Omprakash
24.	Bhoi Shubham Dhondu
25.	Bhonge Anushka Shrikant
26.	Chaudhari Yash Kailas
27.	Deore Bhagyashree Sanjay
28.	Deore Nilesh Bharat
29.	Dhakad Bhupesh Radheshyam
30.	Dhangar Anita Sahebrao
31.	Fulari Piyush Vijay
32.	Fulari Tejas Ganesh
33.	Girase Khushal Mukunda
34.	Ishi Prerana Manoj
35.	Jadhav Minal Mahendrasing
36.	Joshi Saurabh Sanjay
37.	Khairnar Kajol Diwakar
38.	Koli Mukta Santosh
39.	Koli Vaishnav Bhagwan
40.	Kuwar Divyani Anil

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

Time Table for the A.Y. (2021-2022)

Date	Day	Time
01/02/2022	Tuesday	3hrs
02/02/2022	Wednesday	3hrs
03/02/2022	Thursdays	3hrs
04/02/2022	Friday	3hrs
05/02/2022	Saturday	3hrs
07/02/2022	Monday	3hrs
08/02/2022	Tuesday	3hrs
09/02/2022	Wednesday	4hrs
10/02/2022	Thursdays	4hrs
11/02/2022	Friday	4hrs

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

Total marks: - 50

Q.1. Write answers of following questions. (Any 10)

1. Write terms of developing women's leaders.
2. Explain mentoring a tool towards leadership development.
3. Meaning of Leadership.
4. Explain motivation theories.
5. Significance in role of a leader.
6. Trait theory and styles of leadership.
7. Explain leadership style.
8. Write Skills for leader.
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- April-2022

Student Name: Patil Sanket Lotan

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

Seat Number: VAC 25-02

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
COM-03	Leadership Development	TH	100	88

Result: Pass

Marks Obtained: 88

Grade: A



Y. K. G.

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

PARTICULAR OF CANDIDATE

1. Name(Surname first): *Patil Sanket Lotan*
2. Fathers name: *Patil Lotan Dargal*
3. Address for Correspondence: *@ Dahivat*
4. Email-Id: *patilsanket6515@gmail.com*
5. Mobile Number: *9307412277*
6. Nationality: *Indian*
7. Date of Birth: *21/02/2003*

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 foulds of incorrec, my admission is able to be cancelled.

Date: *15/01/22*

Place: *shirpur*


Name and sign

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

Department of commerce

"Leadership Development"

Student Attendance

A.Y.21-22

Sr. No.	Name of Student	04/12/21	05/12/21	06/12/21	07/12/21	08/12/21	09/12/21	11/12/21	12/12/21	13/12/21	14/12/21	15/12/21
1.	Patil Sanket Lotan	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket	Sanket
2.	Shimpi Gitanjali Rajendra	Ghumpi	Ghumpi	Ghumpi	Ghumpi	Ghumpi	Ghumpi	Ghumpi	Ghumpi	Ghumpi	Ghumpi	Ghumpi
3.	Bhavsar Manasi Yogesh	Manasi	Manasi	Manasi	Manasi	Manasi	Manasi	Manasi	Manasi	Manasi	Manasi	Manasi
4.	Mali Jyoti Sunil	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti
5.	Pawar Harshada Prakash	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada
6.	Yeshi Jayshree Dilip	Jayshree	Jayshree	Jayshree	Jayshree	Jayshree	Jayshree	Jayshree	Jayshree	Jayshree	Jayshree	Jayshree
7.	Bari Iasha Satish	Iashi	Iashi	Iashi	Iashi	Iashi	Iashi	Iashi	Iashi	Iashi	Iashi	Iashi
8.	Mali Vaishali Bhaskar	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali	Vaishali
9.	Patil Kavita Bushan	Kavita	Kavita	Kavita	Kavita	Kavita	Kavita	Kavita	Kavita	Kavita	Kavita	Kavita
10.	Gavhane Vaishnavi Kailas	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
11.	Bari Vrushali Dipak	Vr	Vr	Vr	Vr	Vr	Vr	Vr	Vr	Vr	Vr	Vr
12.	Asapure Gaurav Sunil	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav
13.	Agrawal Harshal Bihariprasad	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal
14.	Badgujar Bharat Vasudev	Bharat	Bharat	Bharat	Bharat	Bharat	Bharat	Bharat	Bharat	Bharat	Bharat	Bharat
15.	Badgujar Dipalee Narayan	Dipalee	Dipalee	Dipalee	Dipalee	Dipalee	Dipalee	Dipalee	Dipalee	Dipalee	Dipalee	Dipalee
16.	Bari Harshada Pradip	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada
17.	Bari Harshal Sunil	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal
18.	Bari Khushal Madhukar	Khushal	Khushal	Khushal	Khushal	Khushal	Khushal	Khushal	Khushal	Khushal	Khushal	Khushal
19.	Baviskar Nilima Dilip	Nilima	Nilima	Nilima	Nilima	Nilima	Nilima	Nilima	Nilima	Nilima	Nilima	Nilima
20.	Bhadane Madhuri Shivaji	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri
21.	Bhalkar Priyanka Hemraj	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
22.	Bhamare Vaishnavi Vijay	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
23.	Bhavsar Mohit Omprakash	Mohit	Mohit	Mohit	Mohit	Mohit	Mohit	Mohit	Mohit	Mohit	Mohit	Mohit
24.	Bhoi Shubham Dhondu	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham
25.	Bhonge Anushka Shrikant	Anushka	Anushka	Anushka	Anushka	Anushka	Anushka	Anushka	Anushka	Anushka	Anushka	Anushka
26.	Chaudhari Yash Kailas	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash	Yash

27	Deore Bhagvashree Sanjay	Deore	Deore	Deore	Deore	Deore	Deore	Deore	Deore	Deore	Deore	Deore
28	Deore Nilesh Bharat	Nilesh	Nilesh	Nilesh	Nilesh	Nilesh	Nilesh	Nilesh	Nilesh	Nilesh	Nilesh	Nilesh
29	Dhukad Bhupesh Radheshyam	Dhukad	Dhukad	Dhukad	Dhukad	Dhukad	Dhukad	Dhukad	Dhukad	Dhukad	Dhukad	Dhukad
30	Dhangar Anita Sahebrao	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar
31	Fulari Piyush Vijay	Fulari	Fulari	Fulari	Fulari	Fulari	Fulari	Fulari	Fulari	Fulari	Fulari	Fulari
32	Fulari Tejas Ganesh	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas
33	Girase Khushal Mukunda	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase
34	Ishi Prerana Manoj	Ishi	Ishi	Ishi	Ishi	Ishi	Ishi	Ishi	Ishi	Ishi	Ishi	Ishi
35	Jadhav Minal Mabendrasing	Minal	Minal	Minal	Minal	Minal	Minal	Minal	Minal	Minal	Minal	Minal
36	Joshi Saurabh Sanjay	Joshi	Joshi	Joshi	Joshi	Joshi	Joshi	Joshi	Joshi	Joshi	Joshi	Joshi
37	Khairnar Kajol Diwakar	Kajol	Kajol	Kajol	Kajol	Kajol	Kajol	Kajol	Kajol	Kajol	Kajol	Kajol
38	Koli Mukta Santosh	Mukta	Mukta	Mukta	Mukta	Mukta	Mukta	Mukta	Mukta	Mukta	Mukta	Mukta
39	Koli Vaishnav Bhagwan	Koli	Koli	Koli	Koli	Koli	Koli	Koli	Koli	Koli	Koli	Koli
40	Kuwar Divyani Anil	Divyani	Divyani	Divyani	Divyani	Divyani	Divyani	Divyani	Divyani	Divyani	Divyani	Divyani
41	Lohar Gautam Pandurang	Gautam	Gautam	Gautam	Gautam	Gautam	Gautam	Gautam	Gautam	Gautam	Gautam	Gautam
42	Lonari Pallavi Devidas	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi
43	Mahajan Saloni Vithoba	Saloni	Saloni	Saloni	Saloni	Saloni	Saloni	Saloni	Saloni	Saloni	Saloni	Saloni
44	Mali Archita Ananda	Archita	Archita	Archita	Archita	Archita	Archita	Archita	Archita	Archita	Archita	Archita
45	Mali Kalpesh Ravindra	Kalpesh	Kalpesh	Kalpesh	Kalpesh	Kalpesh	Kalpesh	Kalpesh	Kalpesh	Kalpesh	Kalpesh	Kalpesh
46	Mali Krishna Ganesh	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna
47	Mali Shital Sahebrao	Shital	Shital	Shital	Shital	Shital	Shital	Shital	Shital	Shital	Shital	Shital
48	Mishra Anuradha Narendra	Anuradha	Anuradha	Anuradha	Anuradha	Anuradha	Anuradha	Anuradha	Anuradha	Anuradha	Anuradha	Anuradha
49	More Gaurav Vijay	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav
50	Nikum Rohit Tukaram	Nikum	Nikum	Nikum	Nikum	Nikum	Nikum	Nikum	Nikum	Nikum	Nikum	Nikum

S. G. Pingle
Dr. S. G. Pingle

Head of Department
 Commerce
 R.C. Patel Arts, Comm. & Sci. College
 Shirpur Dist Dhule

R. C. Patel
Principals

R.C. Patel Educational Trust
 R.C. Patel Arts, Comm. & Sci. College
 Shirpur, Dist. Dhule 426 007

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 Sanket Lotan has pursued a value added course and passed the requisite examination held in April 2022 with A grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

Leadership Development



Pain

Course Co-ordinator

upar

Co-ordinator

Deatil

Principal

Certificate No.: 2022/25/002/C

**आर .सी .पटेल कला, वाणिज्य एवं विज्ञान महाविद्यालय शिरपूर,
हिंदी विभाग**

**भाषिक अभिव्यक्ती कौशल्य
2021 – 2022**

उद्देश्य :

- 1) छात्रो को भाषिक अभिव्यक्ती कौशल्य से परिचित कराना
1
- 2) छात्रो को भाषिक अभिव्यक्ति कौशल्य के प्रकार से
अवगत कराना ।
- 3) भाषिक अभिव्यक्ती कौशल्यमौखिक 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 क्षेत्रों में रोजगार के अवसर प्राप्त होंगे ।

पाठ्यक्रम का स्वरूप

1. इकाई - :I भाषिक अभिव्यक्ती कौशल्य :--
 - a. मौखिक अभिव्यक्ती कौशल्य-: वक्कृत्व, वादविवाद- एवं साक्षात्कार
 - b. लिखित अभिव्यक्ति 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 वाद विवाद का उद्देश्य एवं-वाद-विवाद 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

संदर्भ 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 जलगाव -
- 4) हिंदी व्याकरण या रचना - डॉप - विमल सूर्यवंशी .राग प्रकाशन 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

Admission Form

R. C. Patel Educational Trust's

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

2021 - 22

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 - भाषिक अभिव्यक्ति कायल्य

PETICULAR OF CANDIDATE

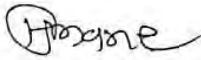
1. Name in Full (Surname First) : Mane Himanshu Soudagal
2. Father/Husband Name : Mane Soudagal Jangadkar
3. Mother Name : Mane Anita Soudagal
4. Address for Correspondence : Ambiknagar Tal. Shirpur Dist. Dhule
5. Email Id : manesoso@gmail.com
6. Mob. No : 8399057753
7. Date of Birth : 17/08/2004
8. Place of Birth : Shirpur
9. Category : OPEN
10. Family Annual Income : 2,00,000/-
11. Last qualified examination : SYBA
12. Mark Obtained (Out of total marks) : 78/120 (64%)
13. Fathers/Husband Guardian's annual Income from all sources in as 2,50,000/-

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: 15/08/2021

Place: Shirpur




Mane Himanshu Soudagal

2021 - 2022

कोर्स का नाम :- भाषिक अभिव्यक्ति कौशल्य

Value Added Course Student Attendance with Signature

Sr. No	Student Name	Signature of Beneficial Student						
		13/9/2021	14/9/2021	15/9/2021	16/9/2021	17/9/2021	18/9/2021	20/9/2021
1	Kale Sarika K.	<i>Sarika K.</i>	<i>Sarika K.</i>	<i>Sarika K.</i>	<i>Sarika K.</i>	<i>Sarika K.</i>	<i>Sarika K.</i>	<i>Sarika K.</i>
2	Banjara Girish A.	<i>Girish A.</i>	<i>Girish A.</i>	<i>Girish A.</i>	<i>Girish A.</i>	<i>Girish A.</i>	<i>Girish A.</i>	<i>Girish A.</i>
3	Dhangar Varsha J.	<i>Varsha J.</i>	<i>Varsha J.</i>	<i>Varsha J.</i>	<i>Varsha J.</i>	<i>Varsha J.</i>	<i>Varsha J.</i>	<i>Varsha J.</i>
4	Jadhav Mayuri M.	<i>J.M.M.</i>	<i>J.M.M.</i>	<i>J.M.M.</i>	<i>J.M.M.</i>	<i>J.M.M.</i>	<i>J.M.M.</i>	<i>J.M.M.</i>
5	Koli Kavita M.	<i>Kavita M.</i>	<i>Kavita M.</i>	<i>Kavita M.</i>	<i>Kavita M.</i>	<i>Kavita M.</i>	<i>Kavita M.</i>	<i>Kavita M.</i>
6	Patil Prafulla S.	<i>Prafulla S.</i>	<i>Prafulla S.</i>	<i>Prafulla S.</i>	<i>Prafulla S.</i>	<i>Prafulla S.</i>	<i>Prafulla S.</i>	<i>Prafulla S.</i>
7	Pawara Kantilal R.	<i>Kantilal R.</i>	<i>Kantilal R.</i>	<i>Kantilal R.</i>	<i>Kantilal R.</i>	<i>Kantilal R.</i>	<i>Kantilal R.</i>	<i>Kantilal R.</i>
8	Pawara Nilesh K.	<i>Nilesh K.</i>	<i>Nilesh K.</i>	<i>Nilesh K.</i>	<i>Nilesh K.</i>	<i>Nilesh K.</i>	<i>Nilesh K.</i>	<i>Nilesh K.</i>
9	Patil Pooja J.	<i>Pooja J.</i>	<i>Pooja J.</i>	<i>Pooja J.</i>	<i>Pooja J.</i>	<i>Pooja J.</i>	<i>Pooja J.</i>	<i>Pooja J.</i>
10	Mane Himanshu S.	<i>Himanshu S.</i>	<i>Himanshu S.</i>	<i>Himanshu S.</i>	<i>Himanshu S.</i>	<i>Himanshu S.</i>	<i>Himanshu S.</i>	<i>Himanshu S.</i>
11	Savale Jayshri E.	<i>Jayshri E.</i>	<i>Jayshri E.</i>	<i>Jayshri E.</i>	<i>Jayshri E.</i>	<i>Jayshri E.</i>	<i>Jayshri E.</i>	<i>Jayshri E.</i>
12	Pawara Champalal G.	<i>Champalal G.</i>	<i>Champalal G.</i>	<i>Champalal G.</i>	<i>Champalal G.</i>	<i>Champalal G.</i>	<i>Champalal G.</i>	<i>Champalal G.</i>
13	Joshi Vaishali J.	<i>Vaishali J.</i>	<i>Vaishali J.</i>	<i>Vaishali J.</i>	<i>Vaishali J.</i>	<i>Vaishali J.</i>	<i>Vaishali J.</i>	<i>Vaishali J.</i>
14	Patil Ketan S.	<i>Ketan S.</i>	<i>Ketan S.</i>	<i>Ketan S.</i>	<i>Ketan S.</i>	<i>Ketan S.</i>	<i>Ketan S.</i>	<i>Ketan S.</i>
15	Pawara Rika S.	<i>Rika S.</i>	<i>Rika S.</i>	<i>Rika S.</i>	<i>Rika S.</i>	<i>Rika S.</i>	<i>Rika S.</i>	<i>Rika S.</i>
16	Rajput Sonalkumari I.	<i>Sonalkumari I.</i>	<i>Sonalkumari I.</i>	<i>Sonalkumari I.</i>	<i>Sonalkumari I.</i>	<i>Sonalkumari I.</i>	<i>Sonalkumari I.</i>	<i>Sonalkumari I.</i>
17	Bhoi Govinda A.	<i>Govinda A.</i>	<i>Govinda A.</i>	<i>Govinda A.</i>	<i>Govinda A.</i>	<i>Govinda A.</i>	<i>Govinda A.</i>	<i>Govinda A.</i>
18	Deore Pratik A.	<i>Pratik A.</i>	<i>Pratik A.</i>	<i>Pratik A.</i>	<i>Pratik A.</i>	<i>Pratik A.</i>	<i>Pratik A.</i>	<i>Pratik A.</i>
19	Valvi Ginesh J.	<i>Ginesh J.</i>	<i>Ginesh J.</i>	<i>Ginesh J.</i>	<i>Ginesh J.</i>	<i>Ginesh J.</i>	<i>Ginesh J.</i>	<i>Ginesh J.</i>
20	Mali Vijay s.	<i>Vijay s.</i>	<i>Vijay s.</i>	<i>Vijay s.</i>	<i>Vijay s.</i>	<i>Vijay s.</i>	<i>Vijay s.</i>	<i>Vijay s.</i>

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



D.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-2022

Student Name: Mane Himanshu Sardar

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

Seat Number: VAC 05-003

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
HIN-01	भाषिक अभिव्यक्ती कौशल्य	TH	100	75

Result: Pass

Marks Obtained: 75

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



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. Mane Himanshu Sardar has pursued a value added course and passed the requisite examination held in April-2022 with A grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

भाषिक अभिव्यक्ती कौशल्य.



[Signature]

Course Co-ordinator

[Signature]

Co-ordinator

[Signature]

Principal

Certificate No.:



**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

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

Course Title: Value Added Course in 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., Sittig, 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

Department of Zoology

For Office Use only

Application for the Value Added Course -

A.Y. 2021-22

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 to as Students for the

T.Y.Bsc. (Zoology)

Ashaid
Shaikh Almas Farooque

(Name and Signature of the Candidate)

PARTICULAR OF CANDIDATE

- Name in Full (Surname First) : Shaikh Almas Farooque.
Surname Name Father/Husband
- Address for Correspondence : 1808, b. Mohammadiya chawlk, Shirpur,
Dist. Dhule.
- Email Id : shaikhalmasbi26@gmail.com.
- Phone No/Mob.No : 7666068114
- Father's/Husband Name : Shaikh Farooque. Ibrahim.
- 6.
- Sex(Male/Female) : Female.
- Nationality : Indian.
- Date of Birth (dd/mm/yy) : 26/02/2001
- 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

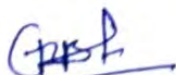
Department of Zoology

Year of Course 2021-2022

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

Students Attendance with signature

Sr.No.	Students Name	Students Signature							
		02/07/21	03/07/21	09/07/21	10/07/21	16/07/21	18/07/21	28/07/21	
1)	Valvi Ajay Himmat	Valvi Ajay	Valvi Ajay	Valvi Ajay	Valvi Ajay	Valvi Ajay	Valvi Ajay	Valvi Ajay	
2)	Vivek Umesh Gangane	Vivek Umesh	Vivek Umesh	Vivek Umesh	Vivek Umesh	Vivek Umesh	Vivek Umesh	Vivek Umesh	
3)	Puwar Arun Manish	Puwar Arun	Puwar Arun	Puwar Arun	Puwar Arun	Puwar Arun	Puwar Arun	Puwar Arun	
4.	Borse Pranali Jyadish	PJ Borse	PJ Borse	PJ Borse	PJ Borse	PJ Borse	PJ Borse	PJ Borse	
5.	Mite Manjun Bhirantrao	Mite Manjun	Mite Manjun	Mite Manjun	Mite Manjun	Mite Manjun	Mite Manjun	Mite Manjun	
6.	Gravali Darshna Ramesh	Gravali Darshna	Gravali Darshna	Gravali Darshna	Gravali Darshna	Gravali Darshna	Gravali Darshna	Gravali Darshna	
7.	Shaikh Almas Farooqui	Ashai	Ashai	Ashai	Ashai	Ashai	Ashai	Ashai	
8.	Puhi Sanika NTA	Puhi Sanika	Puhi Sanika	Puhi Sanika	Puhi Sanika	Puhi Sanika	Puhi Sanika	Puhi Sanika	
9.	Patil Twinkal Ramesh	Patil Twinkal	Patil Twinkal	Patil Twinkal	Patil Twinkal	Patil Twinkal	Patil Twinkal	Patil Twinkal	


Mrs. G.R. Bhavsar
(Co-ordinator)




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- March-2022

Student Name: Shaikh Aslam Farooq

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

Seat Number: VAC 25-005

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
ELC-01	Basic Instruments	TH	50	42
ELC-01	Experiments	PR	50	48

Result: Pass

Marks Obtained: 90

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




R.C.PATEL EDUCATIONAL TRUST

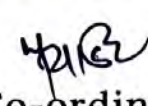
CERTIFICATE


The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Shaikh Aslam Farooq has pursued a value added course and passed the requisite examination held in March-2022 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in
Basics of Basic Instruments




Course Co-ordinator


Co-ordinator


Principal

Certificate No.: 2022/26/005/S



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



**Value Added Course:
Introduction to Electronics and Circuit
Design 2021-22**

Faculty: Science	Title: Introduction to Electronics and Circuit Design
Total Credit: 2 (33 Hrs.)	
Type: 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's (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 Multi Meter

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

For Office Use only Application for the Value Added Course - ELE-01 A.Y-2021-22

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 as Students for the Patil Manasi Sharadrao

mansp (patil mansi s.)
(Name and Signature of the Candidate)

PETICULAR OF CANDIDATE

28. Name in Full : Patil Manasi Sharadrao
29. Address for Correspondence : Shirpur
30. Email Id : patilmansi223@gmail.com
31. Phone No/Mob.No : 9020312233
32. Father's/Husband Name : Patil Sharadrao
33. Sex(Male/Female) : Female
34. Nationality : Indian
35. Date of Birth (dd/mm/yy) : 01/01/2002
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
								✓		

For Office Use only Application for the Value Added Course - ELE-01 A.Y-2021-22

R.C.Patel Educational Trust's

R.C.Patel Arts Commerce and Science College

Shirpur, Dist-Dhule, M.S. 425405

(NAAC Accredited Institute)

To,

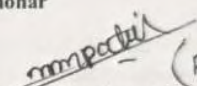
The Principal

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

Shirpur

Sir,

I wish to get admitted to as Students for the Patil Mayuri Manohar


(Name and Signature of the Candidate)

PETICULAR OF CANDIDATE

46. Name in Full : Patil Mayuri Manohar
(Surname First)
47. Address for Correspondence : Shirpur
48. Email Id : mayuri12001@gmail.com
49. Phone No/Mob.No : 8082874512
50. Father's/Husband Name : Patil Manohar
51. Sex(Male/Female) : Female
52. Nationality : Indian
53. Date of Birth (dd/mm/yy) : 01/06/2002
54. Put the tick () mark(s) in the Appropriate box (es) Applicable in your case

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

Department of Electronics (Physics)

Value Added Course ELE-01 Students List 2021-22

Course name: Introduction to Electronics and Circuit Design

Sr. No.	Names	Class
1	Dhangar Neha Vishnu	S.Y.Bsc
2	Jadhav Kishori Rajesh	S.Y.Bsc
3	Mahajan Jayesh Milind	S.Y.Bsc
4	Mahale Akshay Sanjay	S.Y.Bsc
5	Patil Dipali Vijay	S.Y.Bsc
6	Patil Hitesh Arun	S.Y.Bsc
7	Patil Dipali Vijay	S.Y.Bsc
8	Patil Manasi Sharadrao	S.Y.Bsc
9	Patil Kapil Narayan	S.Y.Bsc
10	Patil Mayuri Manohar	S.Y.Bsc


Head of Department
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-2021-22

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	10/12	17/12
1	Dhangar Neha Vishnu	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2	Jadhav Kishori Rajesh	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3	Mahajan Jayesh Milind	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	Mahale Akshay Sanjay	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5	Patil Dipali Vijay	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6	Patil Hitesh Arun	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7	Patil Dipali Vijay	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8	Patil Manasi Sharadrao	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9	Patil Kapil Narayan	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10	Patil Mayuri Manohar	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB

~~Shrik~~
 (S. A. Shaikh)



S.G. Bachhav
 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-2021-22

Practical

Sr. No.	Name	24/12	31/12	07/01	14/01	21/01	28/01	04/02	11/02	18/02	25/02	04/03	11/03	18/03	25/03	01/04	08/04
1	Dhangar Neha Vishnu	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2	Jadhav Kishori Rajesh	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3	Mahajan Jayesh Milind	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	Mahale Akshay Sanjay	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5	Patil Dipali Vijay	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6	Patil Hitesh Arun	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7	Patil Dipali Vijay	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8	Patil Manasi Sharadrao	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9	Patil Kapil Narayan	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10	Patil Mayuri Manohar	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB

~~Shrik~~
 (S. A. Shaikh)



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



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- April-2022

Student Name: Patil Manasi Shardarao

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

Seat Number: VAC 25-003

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
ELC-01	Basic Instruments	TH	50	42
ELC-01	Experiments	PR	50	46

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. Patil Manasi shardarao

has pursued a value added course and passed the requisite examination held in April - 2022 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.: 2022/25/003/S



**R.C.PATEL ARTS, COMMERCE AND SCIENCE
COLLEGE, SHIRPUR**

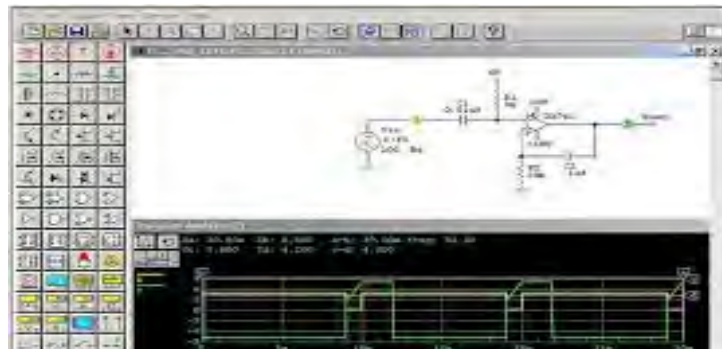
**DEPARTMENT OF ELECTRONICS
& PHYSICS**

Value Added Course

In

Mastering Modeling and Simulation

2021-22



Course duration: 33 hrs. Credits: 2

For all Undergraduate Students

Name of the Course	Mastering Modeling and Simulation: Certificate Course Overview
Level	Value Added Course
Duration	33 Hrs.
Course Credit	2
Eligibility	Undergraduate
Course Fee	Free of Cost
Structure	16 Hrs. Theory and 17 Hrs. Practical
Assessment	At the end of the course, MCQ type assessment will be the conducted with Oral performed during the course
Course Coordinator	Prof. Sajid A. Shaikh Department of Electronics Mob: 9960313209 Email: sajidsk8494@gmail.com
Course Convener	Prof. Alkesh C. Bhavsar Department of Physics Mob: 9284302167 Email: alkeshwar1993@gmail.com

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 (07 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 (07 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 (07 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, LT spice, Tinker cad 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.

For Office Use only Application for the Value Added Course - ELE-02 A.Y-2021-22

R.C.Patel Educational Trust's

R.C.Patel Arts Commerce and Science College

Shirpur, Dist-Dhule, M.S. 425405

(NAAC Accredited Institute)

To,

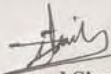
The Principal

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

Shirpur

Sir,

I wish to get admitted to as Students for the ___ Patil Dipika Ashok

 Patil Dipika Ashok.
(Name and Signature of the Candidate)

PARTICULAR OF CANDIDATE

10. Name in Full : Patil Dipika Ashok
(Surname First)
11. Address for Correspondence : Shirpur
12. Email Id : patildipika15@gmail.com
13. Phone No/Mob.No : 9579530693
14. Father's/Husband Name : Patil Ashok
15. Sex(Male/Female) : Female
16. Nationality : Indian
17. Date of Birth (dd/mm/yy) : 23/07/2001
18. 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
----	----	----	------	------	------	-----	-----	------	----	-----

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

11. Particulars of academic qualifications

- a) Name of the last qualified examination: S.Y.Bsc
- b) Name of Board/University: NMU Jalgaon
- c) Name of the college: R.C Patel A.C.S College Shirpur
- d) Month and year of passing: June 2021

Principal subject: Physics

Subsidiary subjects: Electronics

- e) Marks obtained (out of total marks): CGPA: 9.58/10

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 fowls of incorrect, my admission is able to be cancelled.

Date: 28/08/2021

Place: Shirpur

For Office Use only Application for the Value Added Course - ELE-02 A.Y-2021-22

R.C.Patel Educational Trust's

R.C.Patel Arts Commerce and Science College

Shirpur, Dist-Dhule, M.S. 425405

(NAAC Accredited Institute)

To,

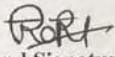
The Principal

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

Shirpur

Sir,

I wish to get admitted to as Students for the Rajput Jyoti Kevalsing

 Rajput Jyoti Kevalsing
(Name and Signature of the Candidate)

PETICULAR OF CANDIDATE

19. Name in Full : Rajput Jyoti Kevalsing
(Surname First)
20. Address for Correspondence : Shirpur
21. Email Id : itsjkrajput2001@gmail.com
22. Phone No/Mob.No : 8080265807
23. Father's/Husband Name : Rajput Kevalsing
24. Sex(Male/Female) : Female
25. Nationality : Indian
26. Date of Birth (dd/mm/yy) : 27/03/2001
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										

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

Department of Electronics (Physics)

Value Added Course ELE-02 Students List 2021-22

Course name: Mastering Modelling and Simulation: Certificate Course Overview

Sr. No.	Names	Class
1	Patil Tejal Hitendrasing	T.Y.Bsc
2	Patil Dipika Ashok	T.Y.Bsc
3	Tele Asmita Arun	T.Y.Bsc
4	Borse Sakshi kailas	T.Y.Bsc
5	Rajput Jyoti Kevalsing	T.Y.Bsc
6	Pawar Vaishnavi Arvind	T.Y.Bsc
7	Marathe Maheshwari Rajendra	S.Y.Bsc
8	Patil Manoj ASHok	S.Y.Bsc
9	Shaikh Asmakaosar Kalimoddin	S.Y.Bsc
10	Teli Maryam Shaikh Ayyub	S.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
 Mastering Modelling and Simulation: Certificate Course Overview
 A.Y-2021-22

Theory

Sr. No.	Name	04/09	11/09	18/09	25/09	02/10	09/10	16/10	23/10	30/10	06/11	13/11	20/11	27/11	04/12	11/12	18/12
1	Patil Tejal Hitendrasing	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	Patil Dipika Ashok	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	Tele Asmita Arun	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
4	Borse Sakshi kailas	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
5	Rajput Jyoti Kevalsing	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6	Pawar Vaishnavi Arvind	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
7	Marathe Maheshwari Rajendra	M.R.mar	M.R.mar	M.R.mar	AB	M.R.mar	AB	AB	M.R.mar	M.R.mar	AB	M.R.mar	M.R.mar	M.R.mar	M.R.mar	M.R.mar	M.R.mar
8	Patil Manoj ASHOK	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	AB	Present	Present	AB	Present	Present
9	Shaikh Asmakaosar Kalimoddin	Absent	Absent	Absent	Absent	AB	Absent	Absent	AB	Absent	Absent	Absent	AB	Absent	Absent	Absent	Absent
10	Teli Maryam Shaikh Ayyub	Absent	Absent	Absent	AB	Absent	Absent	Absent	Absent	AB	Absent	Absent	AB	AB	Absent	Absent	Absent

(S.A shaikh)



Head of Department
 (Dr. S.G Bachhav)

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-2021-22

practical

Sr. No.	Name	01/01/22	08/01	15/01	22/01	29/01	05/02	12/02	19/02	26/02	05/03	12/03	19/03	26/03	02/04	09/04	16/04
1	Patil Tejal Hitendrasing	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	Patil Dipika Ashok	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	Tele Asmita Arun	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
4	Borse Sakshi kailas	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
5	Rajput Jyoti Kevalsing	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6	Pawar Vaishnavi Arvind	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
7	Marathe Maheshwari Rajendra	M.R.mar	M.R.mar	M.R.mar	M.R.mar	AB	AB	M.R.mar	M.R.mar	AB	M.R.mar	M.R.mar	M.R.mar	M.R.mar	M.R.mar	M.R.mar	M.R.mar
8	Patil Manoj ASHOK	Present	Present	Present	AB	Present	Present	Present	AB	AB	Present	Present	Present	Present	Present	AB	Present
9	Shaikh Asmakaosar Kalimoddin	Absent	Absent	Absent	Absent	AB	Absent	Absent	AB	Absent	Absent	Absent	AB	Absent	Absent	Absent	Absent
10	Teli Maryam Shaikh Ayyub	Absent	AB	Absent	Absent	Absent	AB	Absent	Absent	Absent	Absent	AB	Absent	Absent	AB	Absent	Absent

(S.A shaikh)



Head of Department
 (Dr. S.G Bachhav)



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- Circuit Simulation and Modelling

Examination Held in- March-2022

Student Name: Patil Dipika Ashok

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

Seat Number: VAC 28-009

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
ELC-01	Circuit Simulation and Modelling	TH	50	40
ELC-01	Experiments	PR	50	48

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. Patil Dipika Ashok has pursued a value added course and passed the requisite examination held in March-2022 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in
Circuit simulation and Modeling



Ashok

Course Co-ordinator

W.P.R.

Co-ordinator

P. Patel

Principal

Certificate No.: 2022/28/012/5

आर .सी .पटेल कला, वाणिज्य एवं विज्ञान महाविद्यालय शिरपूर,
हिंदी विभाग
अहिंदी भाषिक अभिव्यक्ती कौशल्य
2021 – 2022

उद्देश्य :-

- 1) छात्रो को भाषिक अभिव्यक्ती कौशल्य से परिचित कराना ।
- 2) छात्रो को भाषिक अभिव्यक्ति कौशल्य के प्रकार से अवगत कराना
- 3) भाषिक अभिव्यक्ती कौशल्यमौखिक 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 क्षेत्रों में रोजगार के अवसर प्राप्त होंगे।

पाठ्यक्रम का स्वरूप :-

1. इकाई - :I भाषिक अभिव्यक्ती कौशल्य :--
 - a. मौखिकअभिव्यक्ती कौशल्य-: वक्कृत्व, वादविवाद- एवं साक्षात्कार
 - b. 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 वाद-विवाद का उद्देश्य एवं वाद-विवाद 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 जलगाव -
4. हिंदी व्याकरण या रचना - डॉपराग प्रकाशन - विमल सूर्यवंशी .
5. कानपूर

6. प्रयोजन मूलक हिंदी - उर्मिला पाटिल .डॉ - अतुल प्रकाशन कानपूर
7. व्यवहारीक हिंदी व्याकरण -डॉ .नामदेव उतकर चंद्रलोक –प्रकाशन कानपूर
8. हिंदी व्याकरण एवं रचना-विमल सूर्यवंशी.डॉ-पराग प्रकाशन कानपुर

2021 - 2022

कोर्स का नाम :- अहिंदी भाषिक छात्रों के लिए हिंदी

Value Added Course Student Attendance with Signature

Sr. No	Student Name	Signature of Beneficial Student						
		9/8/2021	10/8/2021	11/8/2021	12/8/2021	13/8/2021	14/8/2021	17/8/2021
1	Patil Nilesh R.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	Patil Krushana S.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	Pawara Nitesh H.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4	Gayakwad Mohini G.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5	Khatik Mosin J.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6	Koli Kajal R.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	Mali Prakash B.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	Pawara Rajesh I.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9	Pawara Yogesh T.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10	Rajput Nikita D.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11	Savale Jayshri E.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12	Pawara Champalal G.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13	Joshi Vaishali J.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14	Patil Ketan S.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15	Pawara Rika S.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16	Rajput Sonalkumari J.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17	Bhoi Govinda A.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18	Doore Pratik A.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19	Valvi Ginesh J.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
20	Mali Vijay S.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

[Signature]

Dr. S.M. Patil,
(Course Co-ordinator, Department of Hindi)



[Signature]

Dr. D.R. Pati
(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- अहिंदी भाषिक छात्रो के लिये हिंदी

Examination Held in- April-2022

Student Name: Patil Ketan Sanjay

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

Seat Number: VAC 17-07

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
HIN-01	अहिंदी भाषिक छात्रो के लिये हिंदी	TH	100	90

Result: Pass

Marks Obtained: 90

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

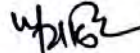
The Principal of RCPET's R. C. Patel Arts, Commerce and Science College, Shirpur (M.S.) do hereby certify that, Mr./Ms. Mane Himanshu Sardar has pursued a value added course and passed the requisite examination held in April-2022 with A grade and found duly qualified. This certificate is awarded for successful completion of

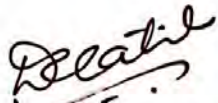
Value Added Course in

भाषिक अभिव्यक्ती कौशल्य.




Course Co-ordinator


Co-ordinator


Principal

Certificate No.:

**R. C. PATEL ARTS, COMMERCE AND SCIENCE
COLLEGE, SHIRPUR**

Department of Defence Studies

Value Added Course in Disaster Management

Start Course Academic Year -2021-22

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
- 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 - 2021 - 2022

PARTICULAR OF CANDIDATE

1	Name in Full (Surname First)	:	Mali Nisha Ambaji
2	Father/Husband Name	:	Ambaji Motilal Mali
3	Mother Name	:	Suvarnabai Mali
4	Address for Correspondence	:	Mali Lane Shirpur
5	Mob. No.	:	73 20 22 3642
6	Email Id	:	nishmali3642@gmail.com
7	Date of Birth	:	26/3/2003
8	Place of Birth	:	Shirpur Dist Dhule
9	Category	:	OBC
10	Family Annual Income	:	80,000/-
11	Last qualified examination	:	FYBA
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 false or incorrect, my admission is liable to be cancelled.

Date: 1-8-2021

Signature - Mali N.A.

Place: Shirpur

Name of Student - Mali Nisha A.



Value Added Course Dept. Of Defence Studies

Year of Course 2021-2022

Course Name:- Disaster Management

Value Added Course Student Attendance with Signature

Sr. No.	Student Name	Signature of Beneficial Student						
		16/6/2021	17/6/2021	18/6/2021	19/6/2021	20/6/2021	21/6/2021	22/6/2021
1	Mali Naha Abhyu	Maha	Maha	Maha	Maha	Maha	Maha	Maha
2	Pranav Ajay Ramesh	Pranav	Pranav	Pranav	Pranav	Pranav	Pranav	Pranav
3	Tej Mahesh Madan	Tej	Tej	Tej	Tej	Tej	Tej	Tej
4	Tharun Veerav M.	Tharun	Tharun	Tharun	Tharun	Tharun	Tharun	Tharun
5	Dusse Pruthi Anish	Dusse	Dusse	Dusse	Dusse	Dusse	Dusse	Dusse
6	Sonoojit Phanishri Gokul	Sonoo	Sonoo	Sonoo	Sonoo	Sonoo	Sonoo	Sonoo
7	Simpi payal Jitendra	Simpi	Simpi	Simpi	Simpi	Simpi	Simpi	Simpi
8	Panjari Anag Rishabh	Panjari	Panjari	Panjari	Panjari	Panjari	Panjari	Panjari
9	Palil Ganesha Ganesh	Palil	Palil	Palil	Palil	Palil	Palil	Palil
10	Kaushal Sudam Babulal	Kaushal	Kaushal	Kaushal	Kaushal	Kaushal	Kaushal	Kaushal
11	Bhava Bha Patil	B.V.B	B.V.B	B.V.B	B.V.B	B.V.B	B.V.B	B.V.B
12	Mali Ravi Pravin	MRP	MRP	MRP	MRP	MRP	MRP	MRP
13	Meye Shresh	Meye	Meye	Meye	Meye	Meye	Meye	Meye
14	Mahajan Krunal	Mahajan	Mahajan	Mahajan	Mahajan	Mahajan	Mahajan	Mahajan
15	Patil Kalpesh D.	Patil	Patil	Patil	Patil	Patil	Patil	Patil
16	Patil Nandini	NPatil	NPatil	NPatil	NPatil	NPatil	NPatil	NPatil
17	Vikas Chaudhari	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas	Vikas
18	Durgesh Koli	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh
19	Banjara Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh
20	Anise Shree	Anise	Anise	Anise	Anise	Anise	Anise	Anise

R.S. Power
Coordinate
Dr. R.S. Power



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- Disaster Management

Examination Held in- April-2022

Student Name: Mali Nish Ambaji

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

Seat Number: VAC 04-02

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
DEF-01	Disaster Management and Security	TH	50	40
DEF-01	Practical Work	PT	50	45

Result: Pass

Marks Obtained: 85

Grade: A



[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. Mali Nish Ambaji has pursued a value added course and passed the requisite examination held in April-2022 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.: 2022/04/002/A

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

Department of Marathi

Value Added Course

Credit- 02

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

Academic Year – 2021-22

R. C. Patel Arts, Commerce & Science College, Shirpur
Department of Marathi
Value Added Course
Syllabus – Academic Year – 2019-20
Credit- 02

Title of the Course	"भाषांतराव्दारे 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 दुस.या 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	भाषांतर म्हणजे काय भाषांतराचे स्वरूप भाषांतराचे प्रकार अ) अनुवाद आ भाषांतर इतर अनुवाद भाषांतराची आवश्यकता	१०
२	विविध माध्यमे	माध्यमे म्हणजे काय? माध्यमांचे प्रकार वृत्तपत्र दूरदर्शन वृत्तपत्र	१०

३	माध्यमातील भाषांतर	माध्यमातील भाषांतराचे स्वरूप भाषांतराची आवश्यकता माध्यमातील भाषांतरकारांना भविष्यातील संधी (१३
	एकूण तासिका		३३

संदर्भ ग्रंथ

1. भाषांतर – डॉसदा कऱ्हाडे .
2. भाषांतर मीमांसा – संपा .कल्याण काळे अंजली सोमण ,
3. अनुवाद मीमांसा-- संपा. केशव तुपे
4. 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)

STATEMENTS OF MARKS

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

Examination Held in- March-2022

Student Name: Pawara Pravin Premsing

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

Seat Number: VAC 03-02

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
MAR-01	भाषांतराद्वारे विविध भाषांतील साहित्याचे व भाषिक व्यवहाराचे ज्ञान	TH	100	83

Result: Pass

Marks Obtained: 83

Grade: A



H. Patel
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. Pawar Pravin Pransing has pursued a value added course and passed the requisite examination held in March - 2022 with A grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

भाषांतराद्वारे विविध भाषांतील साहित्याचे व माषिक व्यवहाराचे ज्ञान



Course Co-ordinator

Co-ordinator

Principal

Certificate No.: 2022/03/002/A



**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: shekharp201192@gmail.com
Course Convener	Prof. Dr.R.P.Mahajan Department of Mathematics Mob: 9421524780 Email: rpmahajan9@gmail.com

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 –

Acad. Year: 2021-22



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

Basic Mathematics

Koli

Koli Varsha Santosh

(Name and Signature of Candidate)

PARTICULARS OF CANDIDATE

- Name in full : Koli Varsha Santosh
(Surname first) Surname Name Father's/Husband's Name
- Address for correspondence : Shirpur, Karvadi Naka
- Email Id : varshkoli2213@gmail.com
- Ph.No./Mobile No. : 9923314254
- Father's/Husband's name with address : Koli Santosh Hilal
- Sex (Male/Female) : Female
- Nationality : Indian
- Date of birth (dd/mm/yyyy) : 28/12/2001

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 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-2022

Student Name: Bhoi Kalpesh Rajendra

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

Seat Number: VAC 08-05

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
MATH-03	Basic Mathematics	TH	50	40
MATH-04	Basic Mathematics	PR	50	48

Result: Pass

Marks Obtained: 88

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



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. Bhoi Kalpesh Rajendra has pursued a value added course and passed the requisite examination held in March-2022 with A grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

Basic Mathematics



[Signature]

Course Co-ordinator

[Signature]

Co-ordinator

[Signature]

Principal

Certificate No.: 2022/08/005/S

R.C.Patel Arts, Commerce & Science College, Shirpur
Department of Botany
Value Added Course on Mushroom Technology
2021-2022

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: - 33

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 (*Pluerotus 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 *Pluerotus 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

Admission Form

For Office Use only

Application for the Value Added Course -

A.Y-2013-2012

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 Mushroom Tech

RA
Rajput pallavi ambalal
(Name and Signature of the Candidate)

PARTICULAR OF CANDIDATE

- Name in Full (Surname First) : Rajput pallavi Ambalal
Surname Name Father/Husband
- Address for Correspondence : At p.t vathode Tal. shirpur
Dist. Dhule
- Email Id : PallaviR19@gmail.com
- Phone No/Mob. No : 7030092606
- Father's/Husband Name : Ambalal bhimsing Rajput
- 6.
- Sex(Male/Female) : Female
- Nationality : Indian
- Date of Birth (dd/mm/yy) : 19-6-192000
- 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										


Year of Course 2021-2022

Course Name: - Value Added Course on Mushroom Technology


Students Attendance with signature

Sr.No	Name	Date & Sign	17/08/21	18/08/21	19/08/21	23/08/21	24/08/21	25/08/21
1	Rajput Pallavi A.	(RPA)	(RPA)	(RPA)	(RPA)	(RPA)	(RPA)	(RPA)
2	Pawara Dinkar M.	P.D.M	P.D.M	P.D.M	P.D.M			P.D.M
3	Borase Jayashri R.	BJR	BJR	BJR	BJR	BJR	BJR	BJR
4	Patil Shubhangi N.	Psh	Psh	Psh	Psh	Psh	Psh	Psh
5	Shirsath Akshay S.	S.A.S	S.A.S	S.A.S	S.A.S	S.A.S	S.A.S	S.A.S
6	Pawar Shubham K.	shubham	shubham	shubham	shubham	shubham		
7	Bodoni Simaran O.		Bodoni	Bodoni	Bodoni	Bodoni	Bodoni	Bodoni
8	Patil Pratiksha D.	P.P.D	P.P.D	P.P.D	P.P.D	P.P.D	P.P.D	P.P.D
9	Patil Swapnali N.	Rn	Rn	Rn	Rn	Rn	Rn	Rn
10	Suryawanshi Vivek D.	vivek	vivek	vivek	vivek			vivek
11	Chavhan Shubham V.	chavhan	chavhan	chavhan	chavhan	chavhan	chavhan	chavhan
12	Bamare Chaitanya A.	B.C.A	B.C.A	B.C.A		B.C.A	B.C.A	B.C.A
13	Dhangar Pranay P.	DPP	DPP	DPP	DPP	DPP	DPP	DPP
14	Marathe Divesh B.	mar	mar	mar	mar	mar	mar	mar
15	Patil Raviraj D.	Patil	Patil	Patil	Patil	Patil	Patil	Patil
16	Patil Sunil K.	Patilsk	Patilsk	Patilsk	Patilsk	Patilsk	Patilsk	Patilsk
17	Pawara Jotesh R.	Jotesh	Jotesh	Jotesh	Jotesh	Jotesh	Jotesh	Jotesh
18	Pawara Karvjin J.	Karj	Karj	Karj	Karj			
19	Pawara Rajendra R.	R.R.R		R.R.R	R.R.R	R.R.R	R.R.R	
20	Wadile Dipak R.	wadile	wadile	wadile	wadile	wadile	wadile	wadile
21	Chavan Darshan D.	C.D.D	C.D.D	C.D.D		C.D.D	C.D.D	C.D.D
22	Patil Divya J.	D.J	D.J		D.J	D.J	D.J	D.J

23	Ghodraj Gautam B.	G.G.B	G.G.B	G.G.B	G.G.B	G.G.B	
24	Girase Jayesh R.	J.Gim	J.Gim	J.Gim		J.Gim	J.Gim
25	Giri Saloni Y.	Giri	Giri		Giri	Giri	Giri
26	Gosavi Prashant M.	G.Pms	G.Pms	G.Pms	G.Pms	G.Pms	G.Pms
27	Gujar Jagruti P.	J.Gim	J.Gim		J.Gim	J.Gim	J.Gim
28	Hajarai Jayraj S.	Hajarai	Hajarai	Hajarai	Hajarai	Hajarai	
29	Jadhav Jayesh A.	Jadhav	Jadhav	Jadhav		Jadhav	Jadhav
30	Jamadar Prajka P.	P.jam	P.jam	P.jam	P.jam	P.jam	P.jam
31	Joshi Rushikesh K.	J.Rush	J.Rush	J.Rush	J.Rush	J.Rush	J.Rush
32	Kanade Harshada S.	Harshada	Harshada	Harshada	Harshada	Harshada	Harshada
33	Koli Asha M.	Koli	Koli	Koli	Koli	Koli	Koli
34	Koli Dipali S.	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali
35	Kulkarni Jayashri P.	J.Kulk			J.Kulk	J.Kulk	J.Kulk
36	Kumbhar Ganesh R.	G.Kumb		G.Kumb	G.Kumb	G.Kumb	G.Kumb
37	Mahajan Archana M.	Archana	Archana		Archana	Archana	Archana
38	Mahale Hitesh D.	M.Hite	M.Hite	M.Hite	M.Hite		M.Hite
39	Marathe Kunal D.	Kunal	Kunal	Kunal	Kunal	Kunal	Kunal
40	Naik Rohini R.	R.Naik	R.Naik	R.Naik		R.Naik	R.Naik


Miss. Patil Sapana T.
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-2022

Student Name: Rajput Pallavi Ambalal

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

Seat Number: VAC 09-005

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

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 Pallavi Ambalal has pursued a value added course and passed the requisite examination held in April -2022 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

Mashroom Cultivation Technology



[Signature]
Course Co-ordinator

[Signature]
Co-ordinator

[Signature]
Principal

Certificate No.: 2022/09/005/s

R.C.Patel Arts, Commerce & Science College, Shirpur
Department of Botany
Value Added on Herbal Cosmetics 2021-2022

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 assignment

Syllabus
Value Added on Herbal Cosmetics

Total period: - 33

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 (13th Century. A.D.)* Kalyan, Mumbai: Lakshmi-Venkateswar Press Prakashan; 1897. p. 93. Chap.5:60. [[Google Scholar](#)]

Admission Form

For Office Use only Application for the Value Added Course - A.Y-~~2018-2019~~

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 Cosmetics

M.R.V
Mali Pankaj Vilas
(Name and Signature of the Candidate)

PETICULAR OF CANDIDATE

1. Name in Full (Surname First) : Mali Pankaj Vilas
Name Surname Name Father/Husband

2. Address for Correspondence : At. Varvade Tal. Shirpur Dist. Dhule

3. Email Id : Pankajmali7004@gmail.com

4. Phone No/Mob. No : 9363215109

5. Father's/Husband Name : mali vilas bajirao

6.

7. Sex(Male/Female) : male

8. Nationality : Indian

9. Date of Birth (dd/mm/yy) : 09/06/2001

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
							<input checked="" type="checkbox"/>			

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

Year of Course 2021-2022

Course Name: - Value Added Course on Herbal Cosmetics

Students Attendance with signature

Sr.No	Name	Date & Sign	03/08/21	04/08/21	05/08/21	09/08/21	10/08/21	11/08/21
1	Bacchav Harshal M.	BMS	BMS	BMS	BMS	BMS	BMS	BMS
2	Bhat Yogesh S.	BHYS	BHYS	BHYS	BHYS	BHYS	BHYS	BHYS
3	Bhosale Pawan B.	Bpawan		Bpawan	Bpawan	Bpawan	Bpawan	Bpawan
4	Borase Asmita R.	B.A.R	B.A.R	B.A.R		B.A.R	B.A.R	B.A.R
5	Chaudhari Chetan B.	Chau.C.B	Chau.C.B		Chau.C.B	Chau.C.B		
6	Girase Jayesh R.	Gjayesh		Gjayesh	Gjayesh	Gjayesh	Gjayesh	
7	Dusane Kartik S.	DKS	DKS	DKS	DKS	DKS	DKS	DKS
8	Mali Pankaj V.	MRAA	MRAA	MRAA	MRAA		MRAA	
9	Joshi Mohini A.	Mohini	Mohini	Mohini	Mohini	Mohini		
10	Patil Sejal V.	PahisV		PahisV		PahisV	PahisV	PahisV
11	Bagal Harshada R.	BR	BR		BR	BR	BR	
12	Chaudhari Sayali R.	CSR	CSR	CSR	CSR		CSR	CSR
13	Mahajan Ankita S.	MAS	MAS	MAS		MAS		
14	Patil Varsha T.	Pahiv	Pahiv		Pahiv	Pahiv	Pahiv	Pahiv
15	Dhangar Monal N.	DMN		DMN		DMN	DMN	DMN
16	Pande Minal A.	Pandem	Pandem	Pandem	Pandem	Pandem		
17	Chavhan Chaitali R.	CCR	CCR	CCR		CCR	CCR	CCR
18	Badgujar Devyani S.	Bds		Bds	Bds	Bds	Bds	Bds
19	Girase Harshada K.	GHK		GHK	GHK		GHK	
20	Kale Dhiraj R.	katedR	katedR	katedR		katedR		
21	Mali Jagruti A.		MaliJ		MaliJ		MaliJ	
22	Borase Shekhar L.	BS	BS	BS		BS	BS	

23	Koli Bhumika S.	KB	KB	KB	KB	KB	
24	Chaudhari Harshal R.	CHR	CHR	CHR	CHR		CHR
25	Dhangar Vijay R.	DVE		DVS		DVR	DVR
26	Dhivare Virendra K.	DK	DK		DK	DK	DK
27	Dorik Karishma T.	DKT		DKT	DKT	DKT	DKT
28	Shinde Yogita J.	SYJ	SYJ	SYJ	SYJ	SYJ	
29	Shirsath Ashwin V.		SA	SA		SA	SA
30	Girase Darshana K	Gdk	Gdk	Gdk	Gdk	Gdk	
31	Girase Kalyansing B.	GKB	GKB		GKB	GKB	GKB
32	Girase Rani J.	GR	GR	GR	GR		GR
33	More Harshal D.	MHD	MHD	MHD		MHD	MHD
34	Nikam Bhavishya S.	NBS	NBS		NBS	NBS	NBS
35	Thorat Vishal D.	TD		TD	TD	TD	TD
36	Panpatil Anuja M.	Rn	Rn	Rn	Rn	Rn	Rn
37	Panpatil Pavaba S.	PPS		PPS	PPS	PPS	PPS
38	Sonawane Uday R.	SUR	SUR	SUR	SUR	SUR	SUR
39	Sryawanshi Priya V.	SV	SV	SV	SV	SV	SV

M. Tawade
Mrs. Tawade S.M.
Coordinator



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

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- Herbal Cosmetic

Examination Held in- March-2022

Student Name: Mali Pankaj Vilas

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

Seat Number: VAC 29-002

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
BOT-01	Herbal Cosmetic	TH	50	40
BOT-02	Herbal Cosmetic	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. Mali Pankaj vilas has pursued a value added course and passed the requisite examination held in March - 2022 with A grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

Herbal Cosmetic



M. Wade
Course Co-ordinator

M. B. B.
Co-ordinator

P. B. B.
Principal

Certificate No.: 2022/29/002/5

Course code	Course Title	Hours	Marks		Total
		Lecture	Internal	External	
VAD 101	Understanding Politics	30	20	80	100
VAD102	Introduction to Indian Constitution	30	20	80	100
	Credit	02			

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

Department of Political Science

101 - Understanding Politics

Objective:

This course is designed to develop a sound understanding of Political Science with the different meaning of politics and how is it interpreted differently by people holding different ideological positions.

Learning Outcomes:

The students would be able to explain different approaches to politics and build their own understanding of politics.

I . Introduction 10

- 1.1 What is Politics?
- 1.2 Different Approaches to Understand Politics

II . Centrality of State 10

- 2.1 What is State?
- 2.2 Theories of State
- 2.3 Ideologies and Understanding of State
- 2.4 Changing Role of State in the Era of Globalization?

III. State and Nation 10

- 3.1 How State is different from Nation?
- 3.2 Debates in Nation and Nationalism

Reference:



-
- 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.Patel Arts, Commerce & Science College, Shirpur

Department of Political Science
 VALUE ADDED COURSES
 VAD101- Understanding Politics
 Academic Year- 2021-2022

	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sr. No	Students Name	1/7/21	16/7/21	17/7/21	20/7/21	30/7/21	31/7/21	5/8/21	6/8/21	7/8/21	18/8/21	20/8/21	31/8/21	2/9/21	9/9/21	6/9/21
1	1) Pawara vijay madan	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
2	Thakare vilas Dinesh	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
3	Pawara vishal Jarma	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
4	Pawara yuryaj fulji	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
5	Rajput Ankita Gulab	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
6	Rajput yogesh R	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
7	Rathod pradip yogesh	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
8	Saner yogesh motital	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
9	Pawara viki Vakil	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
10	Pawara sandip B	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
11	Pawara shital sudam	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
12	Pawara sukram Taty	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
13	Pawara Sunil Suresh	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
14	Pawara kalusing sardar	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
15	Pawara suresh sukram	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
16	Pawara shital vasant	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
17	Pawara Nitesh Ramsing	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
18	Pawara pravin p.	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
19	Pawara priti Dinesh	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT
20	Pawara Dinesh sudam	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT	YDT

Dr.R.R.Vasave
 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- Understanding Politics

Examination Held in- March-2022

Student Name: Pawara Shital Sudam

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

Seat Number: VAC 12-017

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
POL-01	Understanding Politics	TH	100	84

Result: Pass

Marks Obtained: 84

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



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. Pawara Shital Sudam has pursued a value added course and passed the requisite examination held in March-2022 with A grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

Understanding Politics



G. Prasad

Course Co-ordinator

Y. B. B.

Co-ordinator

P. B. B.

Principal

Certificate No.: 2022/12/017/A

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

Department of Political Science

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 Arts, Commerce & Science College, Shirpur
 Department of Political Science
 VALUE ADDED COURSES
 VAD102- Introduction to Indian Constitution
 Academic Year- 2021-2022

Sr. No	Students Name	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Giri Swapnil suni	6/11/22	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil
2	Thorat sachin Suresh	7/11/22	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin
3	Vadar Grunwant A.	8/11/22	Grunwant	Grunwant	Grunwant	Grunwant	Grunwant	Grunwant	Grunwant	Grunwant	Grunwant	Grunwant	Grunwant	Grunwant	Grunwant	Grunwant	Grunwant
4	Valvi Anshil Vasant	20/11/22	Anshil	Anshil	Anshil	Anshil	Anshil	Anshil	Anshil	Anshil	Anshil	Anshil	Anshil	Anshil	Anshil	Anshil	Anshil
5	wagh Amar Ramesh	21/11/22	Amar	Amar	Amar	Amar	Amar	Amar	Amar	Amar	Amar	Amar	Amar	Amar	Amar	Amar	Amar
6	Pawara Nanaram T.	22/11/22	Nanaram	Nanaram	Nanaram	Nanaram	Nanaram	Nanaram	Nanaram	Nanaram	Nanaram	Nanaram	Nanaram	Nanaram	Nanaram	Nanaram	Nanaram
7	Jadhav Dipak mahesh	23/11/22	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak	Dipak
8	Mane Hemant Dagdu	24/11/22	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant
9	Patil swapnil Dipak.	25/11/22	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
10	Jadhav sonali Rahul	26/11/22	Sonali	Sonali	Sonali	Sonali	Sonali	Sonali	Sonali	Sonali	Sonali	Sonali	Sonali	Sonali	Sonali	Sonali	Sonali
11	Desale swati Raman	27/11/22	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati
12	Pawara Ganesh Rtilal	28/11/22	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
13	Potdar chetan Dinesh	29/11/22	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan	Chetan
14	Sahare Dinesh Gotu	30/11/22	DGS	DGS	DGS	DGS	DGS	DGS	DGS	DGS	DGS	DGS	DGS	DGS	DGS	DGS	DGS
15	Salunke sagar R.	1/12/22	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar
16	savale Amir suresh	2/12/22	Amir	Amir	Amir	Amir	Amir	Amir	Amir	Amir	Amir	Amir	Amir	Amir	Amir	Amir	Amir
17	Shirsath mohan Dipak	3/12/22	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan	Mohan
18	Survade Rej Bhim	4/12/22	RBS	RBS	RBS	RBS	RBS	RBS	RBS	RBS	RBS	RBS	RBS	RBS	RBS	RBS	RBS
19	Thakre chaithya s.	5/12/22	Chaithya	Chaithya	Chaithya	Chaithya	Chaithya	Chaithya	Chaithya	Chaithya	Chaithya	Chaithya	Chaithya	Chaithya	Chaithya	Chaithya	Chaithya
20	Telari Jaypal Pratap	6/12/22	Jaypal	Jaypal	Jaypal	Jaypal	Jaypal	Jaypal	Jaypal	Jaypal	Jaypal	Jaypal	Jaypal	Jaypal	Jaypal	Jaypal	Jaypal

G. Vasave
 Dr.R.R.Vasave
 Head Department



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)

STATEMENT OF MARKS
Department of Political Science
(Value Added Course)
Examination held in 2022

Student Name : Jadhav Dipak Mahesh
Name of the College : R. C. Patel Arts, Commerce & Science College,
Shirpur
Roll number : 07

Paper Code	Paper Name	Credit (CR)	TH/PR	Marks Obtained	Out of	Grade (Obtained)
VAD-101	Understanding Politics	02	TH			
# VAD-102	Introduction to Indian Constitution	02	TH	83	100	A

Result: Pass

Grade: 'A'


Co-ordinator
(Dr R.R.Vasave)




Principal
(Dr D.R.Patil)

Guide line for the Mark sheet: Value Added Courses, Mark Obtain in Theory (out of 100)

Marks Obtained	95-100	80-94	70-79	50-69	40-49	39-00
Grade	O	A	B	C	D	F

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

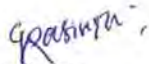
STATEMENT OF MARKS
Department of Political Science
(Value Added Course)
Examination held in 2022

Student Name : Jadhav Dipak Mahesh
Name of the College : R. C. Patel Arts, Commerce & Science College,
Shirpur
Roll number : 07

Paper Code	Paper Name	Credit (CR)	TH/PR	Marks Obtained	Out of	Grade (Obtained)
VAD-101	Understanding Politics	02	TH			
# VAD-102	Introduction to Indian Constitution	02	TH	83	100	A

Result: Pass

Grade: 'A'


Co-ordinator
(Dr R.R.Vasave)




Principal
(Dr D.R.Patil)

Guide line for the Mark sheet: Value Added Courses, Mark Obtain in Theory (out of 100)

Marks Obtained	95-100	80-94	70-79	50-69	40-49	39-00
Grade	O	A	B	C	D	F

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. Jadhav Dipak Mahesh has pursued a value added course and passed the requisite examination held in April - 2022 with A grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in
Introduction to Indian Constitution



Grasinsu
Course Co-ordinator

Wpks
Co-ordinator

Deatib
Principal

Certificate No.: 2022/13/011/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)

STATEMENTS OF MARKS

Value Added Course in- Introduction to Indian Constitution

Examination Held in- April-2022

Student Name: Jadhav Dipak Mahesh

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

Seat Number: VAC 13-011

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
POL-02	Introduction to Indian Constitution	TH	100	83

Result: Pass

Marks Obtained: 83

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 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 2018
Duration	33 Hrs.
Course Credit	2
Eligibility	Undergraduate And Postgraduate (Mathematics)
Course Fee	Free of Cost
Structure	15 Hrs. Theory and 15 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: shekharb201192@gmail.com
Course Convener	Prof. Dr.R.P.Mahajan Department of Mathematics Mob: 9421524780 Email: rpmahajan9@gmail.com

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

For office use only

Application for the course - Vedic Math Acad. Year: 2021-22



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

Pawar
Pawar Nikita Narendra
(Name and Signature of Candidate)

PARTICULARS OF CANDIDATE

- Name in full (Surname first) : Pawar Nikita Narendra
Surname Name Father's/Husband's Name
- Address for correspondence : Gajanan Maharaj colony Shirpur
Dist. Dhule
- Email Id : nikitapawar 2188@gmail.com
- Ph.No./Mobile No. : 9529083035
- Father's/Husband's name with address : Pawar Narendra Eknath
- Sex (Male/Female) : Female
- Nationality : Indian
- Date of birth (dd/mm/yyyy) : 21-01-2001
- 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 : 2021-22

Course Name : Vedic Mathematics

Student Attendance

Sr.No.	Name of Students	Student Sign.							
		5/7/21	12/7/21	19/7/21	26/7/21	2/8/21	9/8/21	16/8/21	23/8/21
1.	Randive Priyanka dipak	fandive	fandive	fandive	fandive	fandive	fandive	fandive	fandive
2.	Bhoi Kalpesh Rajendra	(Bhoi)	(Bhoi)	(Bhoi)	(Bhoi)	(Bhoi)	(Bhoi)	(Bhoi)	(Bhoi)
3.	Marathe OM Karlos	(Marathe)	(Marathe)	(Marathe)	(Marathe)	(Marathe)	(Marathe)	(Marathe)	(Marathe)
4.	Patil Jagruti Anil	(Patil)	(Patil)	(Patil)	(Patil)	(Patil)	(Patil)	(Patil)	(Patil)
5.	Jaher Harshada shirad	(Jaher)	(Jaher)	(Jaher)	(Jaher)	(Jaher)	(Jaher)	(Jaher)	(Jaher)
6.	Wadile Shital Kantilal	(Wadile)	(Wadile)	(Wadile)	(Wadile)	(Wadile)	(Wadile)	(Wadile)	(Wadile)
7.	Wasnik Janni dinesh	(Wasnik)	(Wasnik)	(Wasnik)	(Wasnik)	(Wasnik)	(Wasnik)	(Wasnik)	(Wasnik)
8.	Pawar Nilita Narendra	(Pawar)	(Pawar)	(Pawar)	(Pawar)	(Pawar)	(Pawar)	(Pawar)	(Pawar)
9.	Dude Preeti Anil	(Dude)	(Dude)	(Dude)	(Dude)	(Dude)	(Dude)	(Dude)	(Dude)
10.	Patil Mukesh devidas	(Patil)	(Patil)	(Patil)	(Patil)	(Patil)	(Patil)	(Patil)	(Patil)
11.	Deore Neha Vilas	(Deore)	(Deore)	(Deore)	(Deore)	(Deore)	(Deore)	(Deore)	(Deore)
12.	More Vandana Mukund	(More)	(More)	(More)	(More)	(More)	(More)	(More)	(More)
13.	More Ruchika preetbad	(More)	(More)	(More)	(More)	(More)	(More)	(More)	(More)
14.	Patil Vishal Dhruvaj	(Patil)	(Patil)	(Patil)	(Patil)	(Patil)	(Patil)	(Patil)	(Patil)
15.	Pawar Dhyanesh Vilas	(Pawar)	(Pawar)	(Pawar)	(Pawar)	(Pawar)	(Pawar)	(Pawar)	(Pawar)
16.	Pawar Ravina rubhesh	(Pawar)	(Pawar)	(Pawar)	(Pawar)	(Pawar)	(Pawar)	(Pawar)	(Pawar)
17.	Shahane Vidya santosh	(Shahane)	(Shahane)	(Shahane)	(Shahane)	(Shahane)	(Shahane)	(Shahane)	(Shahane)
18.	Shitkar Shubham	(Shitkar)	(Shitkar)	(Shitkar)	(Shitkar)	(Shitkar)	(Shitkar)	(Shitkar)	(Shitkar)
19.	Bhoirappa Kailash	(Bhoirappa)	(Bhoirappa)	(Bhoirappa)	(Bhoirappa)	(Bhoirappa)	(Bhoirappa)	(Bhoirappa)	(Bhoirappa)
20.	Chavhan Neha Sudam	(Chavhan)	(Chavhan)	(Chavhan)	(Chavhan)	(Chavhan)	(Chavhan)	(Chavhan)	(Chavhan)
21.	Chouhan Geetav Zaga	(Chouhan)	(Chouhan)	(Chouhan)	(Chouhan)	(Chouhan)	(Chouhan)	(Chouhan)	(Chouhan)
22.	Bhagat Nilesh Ramkrishna	(Bhagat)	(Bhagat)	(Bhagat)	(Bhagat)	(Bhagat)	(Bhagat)	(Bhagat)	(Bhagat)
23.	Dhruv Lalit Sumit	(Dhruv)	(Dhruv)	(Dhruv)	(Dhruv)	(Dhruv)	(Dhruv)	(Dhruv)	(Dhruv)
24.	Jagtap Nagesh Sanjay	(Jagtap)	(Jagtap)	(Jagtap)	(Jagtap)	(Jagtap)	(Jagtap)	(Jagtap)	(Jagtap)
25.	Jadhav Rohit Ravindra	(Jadhav)	(Jadhav)	(Jadhav)	(Jadhav)	(Jadhav)	(Jadhav)	(Jadhav)	(Jadhav)
26.	Mahapatra Trupti Kiran	(Mahapatra)	(Mahapatra)	(Mahapatra)	(Mahapatra)	(Mahapatra)	(Mahapatra)	(Mahapatra)	(Mahapatra)
27.	Mali Varsha Mahesh	(Mali)	(Mali)	(Mali)	(Mali)	(Mali)	(Mali)	(Mali)	(Mali)

28.	patel Gauri Manoj	Patil	Patil	Patil	Patil	Patil	Patil	Patil
29.	patil Ashwini Juresh	Patil	Patil	Patil	Patil	Patil	Patil	Patil
30.	patil kavchiha sunil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
31.	patil sagar shrad	Shes	Shes	Shes	Shes	Shes	Shes	Shes

R.P. Mahajan

Co-ordinator
Prof. R.P. Mahajan

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- April-2022

Student Name: Wadile Shital Kantilal

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

Seat Number: VAC 19-014

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
MATH-03	Vadic Mathematics	TH	50	48
MATH-04	Vadic Mathematics	PR	50	43

Result: Pass

Marks Obtained: 91

Grade: O



Wadile

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. Wadile Shital Kantilal

has pursued a value added course and passed the requisite examination held in April - 2022 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

Vedic Mathematics



Chhansar

Course Co-ordinator

Wadile

Co-ordinator

Beatil

Principal

Certificate No.: 2022/19/014/S

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

**Value Added course
In**

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

COLLABORATIVELY RUN BY

**DEPARTMENT OF ZOOLOGY AND ENVIROMENTAL
STUDIES**



A.Y-2021-22

Name of the Course	Environmental Ethics Water Resource, Management, Water Pollution and Health
Level	Value Added Course (2018-19)
Duration	30 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: vandana2119@gmail.com
Course Convener	Prof. Dr. Mahendra.C.Agale Department of Zoology Mob: 9421898792 Email: drmcagale@gmail.com
Course Convener	Prof. Dr. H.B.Patil Department of Physics Email:hbpatil7@gmail.com

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.
- Analyse 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 Processive 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 Art's Commerce and Science College Shirpur


Department of Zoology


Year: 2021-22

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

Students Attendance

Sr. No.	Students Name	Students Signature						
		17/8/21	18/8/21	20/8/21	21/8/21	23/8/21	24/8/21	25/8/21
1.	Patil Vaishnavi Jitendra	Patil	Patil	Patil	Patil	Patil	Patil	Patil
2.	Mali Yogita R.	Mali	Mali	Mali	Mali	Mali	Mali	Mali
3.	Patil Kinjal Sunil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
4.	Patil Priyanka Anil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
5.	Patil Vijay Anil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
6.	Agale Mahesh Dongar	Agale	Agale	Agale	Agale	Agale	Agale	Agale
7.	Nikam Anurag B	Nikam	Nikam	Nikam	Nikam	Nikam	Nikam	Nikam
8.	Agale Anjali Vijay	Agale	Agale	Agale	Agale	Agale	Agale	Agale
9.	Patil Vasundhara P	Patil	Patil	Patil	Patil	Patil	Patil	Patil
10.	Marathe Neha Nandlal	Marathe	Marathe	Marathe	Marathe	Marathe	Marathe	Marathe
11.	Patil Kinjal Sunil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
12.	Naik Rohini Ratilal	Naik	Naik	Naik	Naik	Naik	Naik	Naik
13.	Patil Vedant Shamkant	Patil	Patil	Patil	Patil	Patil	Patil	Patil
14.	Zope Sonal Vijay	Zope	Zope	Zope	Zope	Zope	Zope	Zope
15.	Marathe Kunal Devji	Marathe	Marathe	Marathe	Marathe	Marathe	Marathe	Marathe
16.	Khed Mayuri S	Khed	Khed	Khed	Khed	Khed	Khed	Khed
17.	Patil Vedant Shamkant	Patil	Patil	Patil	Patil	Patil	Patil	Patil
18.	Rajput Pooja Vitthal	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput
19.	Dhangar Chandrakant	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar
20.	Dhurekar Parthik	Dhurekar	Dhurekar	Dhurekar	Dhurekar	Dhurekar	Dhurekar	Dhurekar
21.	Chaudhari Rishi	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari


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: 2021-22

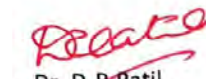
Course Name: Value Added Course on Environmental Ethics Water Resource, Management, Water Pollution and Health

Students Attendance

Sr. No.	Students Name	Students Signature							
		11/9/21	21/9/21	30/9/21	4/10/21	6/10/21	7/10/21	11/10/21	
1.	Mali Yogita R.	Mali	Mali	Mali	Mali	Mali	Mali	Mali	
2.	Pagare Anjali vijay	A.V.P.	A.V.P.	A.V.P.	A.V.P.	A.V.P.	A.V.P.	A.V.P.	
3.	Patil Priyanka Ani	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	
4.	Patil Kirjal sunil	Kirjal	Kirjal	Kirjal	Kirjal	Kirjal	Kirjal	Kirjal	
5.	Marathe Neha Nandlal	Marathe	Marathe	Marathe	Marathe	Marathe	Marathe	Marathe	
6.	Nikam Renuka B.	R.B.Nikam	R.B.Nikam	R.B.Nikam	R.B.Nikam	R.B.Nikam	R.B.Nikam	R.B.Nikam	
7.	Okale mahesh Dongare	Okale	Okale	Okale	Okale	Okale	Okale	Okale	
8.	Mali Vaishnavi Jeteu	Mali	Mali	Mali	Mali	Mali	Mali	Mali	
9.	Naik Robini Rautihal	R.Naik	R.Naik	R.Naik	R.Naik	R.Naik	R.Naik	R.Naik	
10.	Patil Vasundhara P	VSP	VSP	VSP	VSP	VSP	VSP	VSP	
11.	Patil vijay attar	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
12.	Kumbhar ganesh Rajendra	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	
13.	Zope sonal vijay	Zope	Zope	Zope	Zope	Zope	Zope	Zope	
14.	Patil Vedant shankar	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
15.	Rajput poja Vithal	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	
16.	Patil Kavita Ramesh	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
17.	Ruthe muryi S	Ruthe	Ruthe	Ruthe	Ruthe	Ruthe	Ruthe	Ruthe	
18.	Patil Sejal Kihore	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
19.	Dongare kartik sanjay	Dongare	Dongare	Dongare	Dongare	Dongare	Dongare	Dongare	
20.	Marathe kunal deoji	Marathe	Marathe	Marathe	Marathe	Marathe	Marathe	Marathe	


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: 2021-22

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

Students Attendance

Sr. No.	Students Name	Students Signature						
		10/1/22	11/1/22	12/1/22	13/1/22	14/1/22	15/1/22	17/1/22
1.	Mali Yogita R	Mali	Mali	Mali	Mali	Mali	Mali	Mali
2.	Patil sejal Kishore.	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal
3.	Kubhar ganesh Rajendra	Kub	Kub	Kub	Kub	Kub	Kub	Kub
4.	Ravara Kavita Ramesh	Kav	Kav	Kav R.	Kav R.	Kav R.	Kav R.	Kav R.
5.	Patil Prinyanka Anil	Prinyanka	Prinyanka	Prinyanka	Prinyanka	Prinyanka	Prinyanka	Prinyanka
6.	Nikum Reetika B.	R.B.Nikum	R.B.Nikum	R.B.Nikum	R.B.Nikum	R.B.Nikum	R.B.Nikum	R.B.Nikum
7.	Patil Vasundhara P.	VSP	VSP	VSP	VSP	VSP	VSP	VSP
8.	Patil Kinjal sunil	Kinjal	Kinjal	Kinjal	Kinjal	Kinjal	Kinjal	Kinjal
9.	Naik Rohini Ratilal	N.R.Ratilal	N.R.Ratilal	N.R.Ratilal	N.R.Ratilal	N.R.Ratilal	N.R.Ratilal	N.R.Ratilal
10.	Agale mahesh Dhangar	OMD	OMD	OMD	OMD	OMD	OMD	OMD
11.	Pavra Vijay Atkar	Pavra	Pavra	Pavra	Pavra	Pavra	Pavra	Pavra
12.	Pagare Anjali vijay	A.V.P.	A.V.P.	A.V.P.	A.V.P.	A.V.P.	A.V.P.	A.V.P.
13.	Vedat shantak Patil	Vedat	Vedat	Vedat	Vedat	Vedat	Vedat	Vedat
14.	Marathe Neha Nandlal	Marathe	Marathe	Marathe	Marathe	Marathe	Marathe	Marathe
15.	Rajput pooja Vithal	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput
16.	Marathe Kunal deji	Kunal	Kunal	Kunal	Kunal	Kunal	Kunal	Kunal
17.	Rathod madhuri S	DRS	DRS	DRS	DRS	DRS	DRS	DRS
18.	Mali Vaishnavi Jitend.	Imali	Imali	Imali	Imali	Imali	Imali	Imali
19.	Zare sonal vijay	Grzare	Grzare	Grzare	Grzare	Grzare	Grzare	Grzare
20.	Dhokane karik	DKS	DKS	DKS	DKS	DKS	DKS	DKS


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

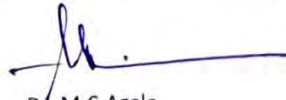
Year: 2021-22


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

Students Attendance

Sr. No.	Students Name	Students Signature							
		7/2/22	8/2/22	9/2/22	10/2/22	11/2/22	12/2/22	14/2/22	
1.	Mali Yogita R	Mali	Mali	Mali	Mali	Mali	Mali	Mali	
2.	Pagare Anjali vijay	A.V.P.	A.V.P.	A.V.P.	A.V.P.	A.V.P.	A.V.P.	A.V.P.	
3.	Mali Vashraji Jitendra	Mali	Mali	Mali	Mali	Mali	Mali	Mali	
4.	Patil Priyanka Anil	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	
5.	Patil Sejal Kishore	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	
6.	Patil Vasundhara P	VSP	VSP	VSP	VSP	VSP	VSP	VSP	
7.	Okate Mahesh Dongori	Okate	Okate	Okate	Okate	Okate	Okate	Okate	
8.	Patil Kinjal sunil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
9.	Marathe Neha Nandlal	Marathe	Marathe	Marathe	Marathe	Marathe	Marathe	Marathe	
10.	Neelk Rohini Ratilal	R.R.Neelk	R.R.Neelk	R.R.Neelk	R.R.Neelk	R.R.Neelk	R.R.Neelk	R.R.Neelk	
11.	Nikam Renuka B.	R.B.Nikam	R.B.Nikam	R.B.Nikam	R.B.Nikam	R.B.Nikam	R.B.Nikam	R.B.Nikam	
12.	Changur Chandrakant M.	Changur	Changur	Changur	Changur	Changur	Changur	Changur	
13.	Vedant Shankant Patil	Vedant	Vedant	Vedant	Vedant	Vedant	Vedant	Vedant	
14.	Zore Sonal Vijay	Zore	Zore	Zore	Zore	Zore	Zore	Zore	
15.	Marathe Kunal Devaji	Kunal	Kunal	Kunal	Kunal	Kunal	Kunal	Kunal	
16.	Patil Parth Jaddu	Parth	Parth	Parth	Parth	Parth	Parth	Parth	
17.	Kumbhar Ganesh Rajendra	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	
18.	Vahri Vilas Kalla	Vahri	Vahri	Vahri	Vahri	Vahri	Vahri	Vahri	
19.	Patil Kavita Ramesh	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
20.	Mali Bhushan Rasal	Mali	Mali	Mali	Mali	Mali	Mali	Mali	


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-2021-22

Sr.No	Students Name	Date and Sign						
		05/09/22	06/09/22	07/09/22	08/09/22	9/09/22	11/09/22	12/09/22
1.	ALATE SAGAR SUKDEV	<u>ASukdev</u>	<u>ASukdev</u>	<u>ASukdev</u>	<u>ASukdev</u>	<u>ASukdev</u>	<u>ASukdev</u>	<u>ASukdev</u>
2.	BAGWAN SAHIL YUSUF	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>
3.	BAMANE ANKIT KALUSING	<u>Bakus</u>	<u>Bakus</u>	<u>Bakus</u>	<u>Bakus</u>	<u>Bakus</u>	<u>Bakus</u>	<u>Bakus</u>
4.	BANJARA ARVIND HIRALAL	<u>ABanjara</u>	<u>ABanjara</u>	<u>ABanjara</u>	<u>ABanjara</u>	<u>ABanjara</u>	<u>ABanjara</u>	<u>ABanjara</u>
5.	BANJARA GANESH SARDAR	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>
6.	BANJARA GIRISH ASHOK	<u>Banjara</u>	<u>Banjara</u>	<u>Banjara</u>	<u>Banjara</u>	<u>Banjara</u>	<u>Banjara</u>	<u>Banjara</u>
7.	BANJARA MAYUR YUVRAJ	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>
8.	BANJARA OM SHRAVAN	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>
9.	BANJARA RINKU MAHADU	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>
10.	BANJARA SHUBHAM KAHARU	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>
11.	BANKAR ANIKET MANOJ	<u>B.A.M</u>	<u>B.A.M</u>	<u>B.A.M</u>	<u>B.A.M</u>	<u>B.A.M</u>	<u>B.A.M</u>	<u>B.A.M</u>
12.	BARELA SANJAY PUTTYA	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>
13.	BARI KRUSHNA	<u>BKRushna</u>	<u>BKRushna</u>	<u>BKRushna</u>	<u>BKRushna</u>	<u>BKRushna</u>	<u>BKRushna</u>	<u>BKRushna</u>

	MADHUKAR							
31.	BORSE PAVAN NANDLAL	Pavase	Pavase	Pavase	Pavase	Pavase	Pavase	Pavase
32.	BUVA RAJ VIJAY	Raj	Raj	Raj	Raj	Raj	Raj	Raj
33.	CHAMBHAR GOPAL SANTOSH	Elab	Elab	Elab	Elab	Elab	Elab	Elab
34.	CHAMBHAR RAKESH DEELIP	CD	CD	CD	CD	CD	CD	CD
35.	CHARAN RAJESH VISHNU	Rucham	Rucham	Rucham	Rucham	Rucham	Rucham	Rucham
36.	CHAUDHARI AMOL JAGANNATH	Amol	Amol	Amol	Amol	Amol	Amol	Amol
37.	CHAUDHARI SACHIN SANTOSH	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin
38.	CHAVAN SACHIN RAJENDRA	Ch	Ch	Ch	Ch	Ch	Ch	Ch
39.	DABHADE RAHUL PRAVIN	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
40.	DHANGAR DIPAK GULAB	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar
41.	DHANGAR MANISHA DHARMA	MDama	MDama	MDama	MDama	MDama	MDama	MDama
42.	DHANGAR SANDIP RAMESH	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar	Dhangar
43.	DHANGAR VARSHA JAGDISH	D.V.J	D.V.J	D.V.J	D.V.J	D.V.J	D.V.J	D.V.J
44.	GAVHANE POONAM RAJENDRA	Poonam	Poonam	Poonam	Poonam	Poonam	Poonam	Poonam
45.	GIRASE JAYESH MAHARU	J	J	J	J	J	J	J
46.	GIRASE SIMA VIJAYSING	S	S	S	S	S	S	S

47.	GIRASE SWITA RAJENDRASING	Sprase	Sprase	Sprase	Sprase	Sprase	Sprase	Sprase
48.	GOPAL ASHOK BABULAL	GAB	GAB	GAB	GAB	GAB	GAB	GAB
49.	GOSAVI VAIBHAV ARUN	GOSAVI	GOSAVI	GOSAVI	GOSAVI	GOSAVI	GOSAVI	GOSAVI
50.	GURAV HARSHADA PRAVIN	HPGurav	HPGurav	HPGurav	HPGurav	HPGurav	HPGurav	HPGurav
51.	ISHI EKANATH ANIL	ek	ek	ek	ek	ek	ek	ek
52.	JADHAV DIPAK MAMRAJ	Djadhav	Djadhav	Djadhav	Djadhav		Djadhav	Djadhav
53.	JADHAV KAJAL BHAGWANSING	KBJ	KBJ	KBJ	KBJ	KBJ	KBJ	KBJ
54.	JADHAV LAXMAN VITHHAL	Lvjadhav	Lvjadhav	Lvjadhav	Lvjadhav	Lvjadhav	Lvjadhav	Lvjadhav
55.	JADHAV MAYURI MAHENDRASING	J.M.M	J.M.M	J.M.M	J.M.M	J.M.M	J.M.M	J.M.M
56.	JADHAV PRATIMA JITENDRA	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav		Jadhav
57.	JADHAV PURANDAS UKHA	Purandav	Purandav	Purandav	Purandav	Purandav	Purandav	Purandav
58.	JADHAV VAIBHAV VIJAY	Vjadhav	Vjadhav	Vjadhav	Vjadhav	Vjadhav	Vjadhav	Vjadhav
59.	JADHAV VISHAL BHARATSING	J.V.B	J.V.B	J.V.B	J.V.B	J.V.B	J.V.B	J.V.B
60.	KADHARE JAGDISH AMBAR	Khadhar	Khadhar	Khadhar	Khadhar	Khadhar	Khadhar	Khadhar
61.	KADHARE RUPALI DADABHAI	KPD	KPD	KPD	KPD	KPD	KPD	KPD
62.	KARANKAL RAM RAGHO	Ram	Ram	Ram	Ram	Ram	Ram	Ram
63.	KHAIRNAR GANESH ANIL	Ks	Ks	Ks	Ks	Ks	Ks	Ks

64.	KHAIRNAR PUJA DHANRAJ	KDP	KDP	KDP		KDP		
65.	KHAIRNAR RAJVANTI PRAKASH	Kairnar	Kairnar	Kairnar	Kairnar	Kairnar		
66.	KHATIK DANISH JAKIR	Khatik	Khatik	Khatik	Khatik	Khatik	Khatik	Khatik
67.	KHATIK FAIZAN HAROON	(KFI)	(KFI)	(KFI)	(KFI)	(KFI)	(KFI)	(KFI)
68.	KOLI ARUN BHAGWAN	AKoli	AKoli	AKoli	AKoli	AKoli	AKoli	AKoli
69.	KOLI DIPRAJ PRAVIN	DKoli	DKoli	DKoli	DKoli	DKoli	DKoli	DKoli
70.	KOLI GAURAV AASARAM	KGA	KGA	KGA	KGA	KGA	KGA	KGA
71.	KOLI HARSHAL SHAMRAO	(KHS)	(KHS)	(KHS)	(KHS)	(KHS)		
72.	KOLI HEMANT KANTILAL	KHemant	KHemant	KHemant	KHemant	KHemant	KHemant	KHemant
73.	KOLI KAVITA MOHAN	KKoli	KKoli	KKoli	KKoli	KKoli	KKoli	KKoli
74.	KOLI NANDINIBEN SUNILBHAI	KNS	KNS	KNS	KNS	KNS	KNS	KNS
75.	KOLI NIKITA MANGAL	(NKoli)	(NKoli)	(NKoli)	(NKoli)	(NKoli)	(NKoli)	(NKoli)
76.	KOLI NILESH JAGANNATH	NNKoli	NNKoli	NNKoli	NNKoli	NNKoli	NNKoli	NNKoli
77.	KOLI NILESH SUNIL	NKoli	NKoli	NKoli	NKoli	NKoli	NKoli	NKoli
78.	KOLI NITU BHATU	KNB	KNB	KNB	KNB	KNB	KNB	KNB
79.	KOLI PANKAJ CHADRAKANT	KChandr	KChandr	KChandr	KChandr	KChandr	KChandr	KChandr
80.	KOLI RAJESH PANDURANG	Kolip	Kolip	Kolip	Kolip	Kolip	Kolip	Kolip

81.	KOLI RAVSAHEB RAJU	kolise	kolise	kolise	kolise	kolise	kolise	kolise
82.	KOLI SALONI EKANATH	kolise	kolise	kolise	kolise	kolise	kolise	kolise
83.	PARADHI VIKI RATAN	paradh	paradh	paradh	paradh	paradh	paradh	paradh
84.	PARADKE YOGESH FULAJI	yfpe	yfpe	yfpe	yfpe	yfpe	yfpe	yfpe
85.	PATHAN MAHEK YUSUFKHAN	myypath	myypath	myypath	myypath	myypath	myypath	myypath
86.	PATIL ANJALI ARVIND	patilanj	patilanj	patilanj	patilanj	patilanj	patilanj	patilanj
87.	PATIL BHAVESH GUNWANT	pbg	pbg	pbg	pbg	pbg	pbg	pbg
88.	PATIL GAYATRI SHARAD	gsp	gsp	gsp	gsp	gsp	gsp	gsp
89.	PATIL HARSHADA CHANDRAKANT	patilhr	patilhr	patilhr	patilhr	patilhr	patilhr	patilhr
90.	PATIL JOGESHWARI RAVINDRA	jrpati	jrpati	jrpati	jrpati	jrpati	jrpati	jrpati
91.	PATIL NISHA DIPAK	npatil	npatil	npatil	npatil	npatil	npatil	npatil
92.	PATIL PRAFULLA SUNIL	pspati	pspati	pspati	pspati	pspati	pspati	pspati
93.	PATIL RAHUL SHIVAJI	ratpatil	ratpatil	ratpatil	ratpatil	ratpatil	ratpatil	ratpatil
94.	PATIL RUPALI BHANUDAS	rbpatil	rbpatil	rbpatil	rbpatil	rbpatil	rbpatil	rbpatil
95.	PATIL VRUSHALI DNYANESHWAR	vpatil	vpatil	vpatil	vpatil	vpatil	vpatil	vpatil


Dr. D.R. Paul

Environmental Studies




Principal
Dr. D.R. Paul

170	PAWARA AJAY BARKU	AB Barku	AB Barku	AB Barku	AB Barku	AB Barku	AB Barku	AB Barku
171	PAWARA AJAY LAKDYA	A.L.P	A.L.P	A.L.P	A.L.P	A.L.P	A.L.P	A.L.P
172	PAWARA AJAY THANSING	A.P	A.P	A.P	A.P	A.P	A.P	A.P
173	AHIRE SIDHARTH DEVIDAS	DA	DA	DA	DA	DA	DA	DA
174	AKHADMAL MAHESH RATANLAL	MRD	MRD	MRD	MRD	MRD	MRD	MRD
175	ALKARI AVINASH JAGDISH	AJA	AJA	AJA	AJA	AJA	AJA	AJA
176	ALKARI YASHWANT DILIP	YD	YD	YD	YD	YD	YD	YD
177	BAGALE NILESH SANJAY	NSB	NSB	NSB	NSB	NSB	NSB	NSB
178	BANJARA AAKASH GAJESING	AB	AB	AB	AB	AB	AB	AB
179	BAVISKAR CHETAN ARUN	CB	CB	CB	CB	CB	CB	CB
180	BHAVAR ROHIT SANJAY	RSB	RSB	RSB	RSB	RSB	RSB	RSB
181	BHIL GOPAL ROHIDAS	GB	GB	GB	GB	GB	GB	GB
182	BHIL JAIPAL ASHOK	JB	JB	JB	JB	JB	JB	JB
183	BHIL SAGAR GOPICHAND	SB	SB	SB	SB	SB	SB	SB
184	BHIL SHRIRAM HIRAMAN	SHB	SHB	SHB	SHB	SHB	SHB	SHB
185	BHOI AJAY KAILAS	KB	KB	KB	KB	KB	KB	KB
186	BHOI ROHIT JITENDRA	RB	RB	RB	RB	RB	RB	RB
187	BHUTTO TOSHIB YUNUS	YB	YB	YB	YB	YB	YB	YB
188	DABHADE KAVITA RAMSING	KB	KB	KB	KB	KB	KB	KB
189	DABHADE KAVITA RAMSING	KB	KB	KB	KB	KB	KB	KB
190	DESHMUKH MAHENDRA RAMESH	MRD	MRD	MRD	MRD	MRD	MRD	MRD
191	DHANGAR CHETAN SANJAY	CD	CD	CD	CD	CD	CD	CD
192	DHANGAR DHIRAJ VIJAY	VD	VD	VD	VD	VD	VD	VD
193	DHANGAR SUNITA MANOHAR	MD	MD	MD	MD	MD	MD	MD
194	DHOLE PUJA ASHARAM	P.A.D	P.A.D	P.A.D	P.A.D	P.A.D	P.A.D	P.A.D
195	FULE RAHUL MAK	R.M.Fule	R.M.Fule	R.M.Fule	R.M.Fule	R.M.Fule	R.M.Fule	R.M.Fule
196	GAYAKWAD NILESH YASHVANT	N.Y.G	N.Y.G	N.Y.G	N.Y.G	N.Y.G	N.Y.G	N.Y.G
197	GIRASE RITABAI GORAKHSING	RG	RG	RG	RG	RG	RG	RG
198	JADHAV PRIYANKA JAWANSING	PJ	PJ	PJ	PJ	PJ	PJ	PJ
199	KOKANI KULDIP BHAURAO	KKB	KKB	KKB	KKB	KKB	KKB	KKB
200	KOLI AKSHAY SUKDEO	AS	AS	AS	AS	AS	AS	AS
201	KOLI JAYPAL DURYODHAN	JD	JD	JD	JD	JD	JD	JD
202	KOLI RAJSHRI PRAKASH	RP	RP	RP	RP	RP	RP	RP
203	KOLI ROHIT PRAKASH	RPK	RPK	RPK	RPK	RPK	RPK	RPK
204	KOLI RUPALI RAVINDRA	RR	RR	RR	RR	RR	RR	RR
205	KOLI VRUSHALI KAILAS	VK	VK	VK	VK	VK	VK	VK
206	MALI MRUDULA NARAYAN	MNM	MNM	MNM	MNM	MNM	MNM	MNM
207	MARATHE NAVANATH	NR	NR	NR	NR	NR	NR	NR

407	PATIL MOHINI ASHOK	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil
408	PATIL NUTAN DNYANESHWAR	NP	NP	NP	NP	NP	NP	NP
409	PATIL PRADIP BHILA	PPatil	PPatil	PPatil	PPatil	PPatil	PPatil	PPatil
410	BACHHAV VAIBHAVI CHANDRAKANT	VBachhav	VBach	VBach	VBach	VBach	VBach	VBach
411	BAGALE BHAKTI DILIP	BBagale	BBagale	BBagale	BBagale	BBagale	BBagale	BBagale
412	CHAUDHARI NAYANA SUNIL	Chaudhari	Chaudh	Chaudh	Chaudh	Chaudh	Chaudh	Chaudh
413	CHAUDHARI PRIYANKA PRAMOD	Prach	Ph	Ph	Ph	Ph	Ph	Ph
414	CHAUDHARI TEJAS BABURAO	Tha	Tha	Tha	Tha	Tha	Tha	Tha
415	CHAUDHARI VISHAKHA RAVINDRA	VChaudh	VChaudh	VChaudh	VChaudh	VChaudh	VChaudh	VChaudh
416	CHELANI KAJAL RAVIKUMAR	KChelani	KChelani	KChelani	KChelani	KChelani	KChelani	KChelani
417	DORIK PRASHANT DNYANESHWAR	Dorik	Dorik	Dorik	Dorik	Dorik	Dorik	Dorik
418	GIRASE SAPANA LALSING	S.L.G	S.L.G	S.L.G	S.L.G	S.L.G	S.L.G	S.L.G
419	GODHWANI RIYA BALRAM	R.B.G	R.B.G	R.B.G	R.B.G	R.B.G	R.B.G	R.B.G
420	JAYSWAL PUJA NARENDRA	Ba	Ba	Ba	Ba	Ba	Ba	Ba
421	KHOPADE DARSHANA ABHIMANYU	KDA	KDA	KDA	KDA	KDA	KDA	KDA
422	MALACHE PRATIKSHA BHIMSING	Pma	Pma	Pma	Pma	Pma	Pma	Pma
423	MALI PRANIL SURYAKANT	Pmal	Pmal	Pmal	Pmal	Pmal	Pmal	Pmal
424	MARATHE SAURABH EKNATH	Marathe	Marathe	Marathe	Marathe	Marathe	Marathe	Marathe
425	PATIL ARATI PRAMOD	APatil	APatil	APatil	APatil	APatil	APatil	APatil
426	PATIL DIPALI DHANRAJ	DPatil	DPatil	DPatil	DPatil	DPatil	DPatil	DPatil
427	PATIL HEMANGI PRABHAKAR	H.P.P	H.P.P	H.P.P	H.P.P	H.P.P	H.P.P	H.P.P
428	PATIL MAHIMA SANJAY	MP	MP	MP	MP	MP	MP	MP
429	PATIL MAYUR RAMKRUSHNA	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil
430	PATIL PRERNA SANJIV	PPatil	PPatil	PPatil	PPatil	PPatil	PPatil	PPatil
431	PATIL RITUJA BHALCHANDRA	BBP	BBP	BBP	BBP	BBP	BBP	BBP



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- April-2022

Student Name: Patil Priyanka Arun

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

Seat Number: VAC 01-004

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
EMR-01	Environmental Ethics, Water Resource, Management, Water Pollution and Health	TH	50	43
EMR-02	Field Work	PT	50	50

Result: Pass

Marks Obtained: 93

Grade: O



[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 Pviyanka Arun has pursued a value added course and passed the requisite examination held in April-2022 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

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



Patil
Course Co-ordinator

Patil
Co-ordinator

Patil
Principal

Certificate No.: 2022/01/004/I

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

Department of MICROBIOLOGY AND BIOTECHNOLOGY VALUE ADED COURSE

- Eligibility criteria: Student should completed B.Sc. Microbiology
- Medium of Instruction: English

Semester	Course Code	Course Category	Hours / Week	Credits	Marks for Evaluation		
II	21-22FMMB	VALUE ADDED COURSE - I	30	2	CE 30	EE 70	Total 100
Course Title	FORENSIC MICROBIOLOGY						
Aim	<ul style="list-style-type: none"> • Understanding of the microbial forensic field is essential for determining what evidence is collected, • What proper and safe methods of collection and preservation to employ, • How the evidence is analyzed, what the significance of a result is, and what is supportive in identifying a perpetrator for prosecution. 						
Objectives	<ul style="list-style-type: none"> • Investigation of Cause of Death: Forensic microbiologists play a crucial role in determining the cause of death, especially in sudden unexpected deaths, including cardiac fatalities. When a malpractice investigation is required, their expertise comes into play. • Pathogen Transmission and Medico-Legal Queries: Forensic microbiology investigates pathogen transmission related to medico-legal queries. This includes cases associated with sexual assaults. • Body Fluid Identification: In criminal cases, identifying body fluids (such as blood, saliva, or semen) is essential. Forensic microbiology aids in this process. • Estimation of Post-Mortem Interval: Determining the time since death (post-mortem interval) is critical for investigations. Forensic microbiologists contribute to estimating this interval. • Linking Crime Scenes and Assailants: By analyzing microbial evidence, forensic microbiologists can link a crime scene or a victim with the assailant. • Transplantation Issues: In the context of organ and tissue transplants, forensic microbiology ensures safety and prevents preventable causes of death. 						

Syllabus		
Unit	Contents	Hours
I	Microbes of forensic importance: Development of forensic microbiology – Types, distribution and identification of microorganisms - Forensic significance of bacteria, algae, fungi and Viruses - Techniques in forensic microbiology.	6
II	Bioterrorism: Types of biological agent- Categories of biological weapons- Forensic aspects toxins and their mode of action. Planning and response to bioterrorism- Preparedness bio surveillance and biodefense. Epidemiology of bioterrorism. Role of microbes in food Poisoning.	6
III	Biological Sources as Forensic Indicators: Collection of specimens. Microbial forensic analysis of trace and uncultivable specimens. The decay process of biological Sources, body fluids and waste products, blood and blood typing (blood stain pattern Analysis) saliva, semen, feces, urine , vomitus, hair, bone and wounds.	6
IV	Principles of DNA typing: DNA as a biological blueprint of life- Extraction of DNA for analysis. Quantitation of DNA- Yield gel quantitation and Slot blot quantitation. Mitochondrial DNA – Sequence analysis. DNA of microbes in soil for crime detection.	6
V	Methods in DNA Typing: Polymerase chain reaction – historical perspective, sequence polymorphisms, individualization of evidence. Short tandem repeats (STR) – role of fluorescent dyes, nature of STR loci. Restriction fragment length polymorphism (RFLP) – Genetic markers used in RFLP, typing procedure and interpretation of results.	6

Reference and Text Book:

- R. Li, Forensic Biology, 2nd Edition, CRC Press, 2015.
- Gunn, Essential Forensic Biology, 1st edition, John Wiley & Sons Ltd, 2006.
- Jamieson & S. Bader, A Guide to Forensic DNA Profiling, 1st edition, John Wiley & Sons Ltd, 2016.
- W.J. Tilstone, M.L. Hastrup and C. Hald, Fisher's, Techniques of Crime Scene Investigation, 1st edition, CRC Press, Boca Raton (2013).
- J.M. Butler, Forensic DNA Typing, Elsevier, 1st edition, Burlington, 2005


Dr.D.R.Patil
Principal
 R.C.Patel Educational Trust's
 R.C.Patel Arts,Comm.&Sci.College
 Shirpur,Dist.Dhule 425 405



**Time Table of course lectures (2021-22) Forensic
Microbiology**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
4-5 pm	03/01/2022	04/01/2022	off	06/01/2022	07/01/2022	08/01/2022	-
4-5 pm	17/01/2022	18/01/2022	off	19/01/2022	20/01/2022	21/01/2022	-
4-5 pm	07/02/2022	08/02/2022	off	09/02/2022	10/02/2022	11/02/2022	-
4-5 pm	14/02/2022	15/02/2022	off	16/02/2022	17/02/2022	18/02/2022	-
4-5 pm	06/03/2022	07/03/2022	off	09/03/2022	10/03/2022	11/03/2022	-
4-5 pm	13/03/2022	14/03/2022	off	16/03/2022	17/03/2022	18/03/2022	-

Name of the teacher: Dr. Ashwini G. Patil

Criteria Completion Report

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.


Dr.D.R.Patil
Principal
R.C.Patel Educational Trust's
R.C.Patel Arts,Comm.&Sci.College
Shirpur,Dist.Dhule 425 405



Forensic Microbiology

Attendance Report 2021-22

S. N	Name of Students	5/3/2022	6/3/2022	7/3/2022	8/3/2022	9/3/2022	10/3/2022	11/3/2022	12/3/2022	13/3/2022	14/3/2022	15/3/2022	16/3/2022	17/3/2022	18/3/2022	19/3/2022
1	JACCHAY ANIRIYI CHANDRAKANT	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	RAJALE BHAKTI DELIP	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
3	CHAUDHARI NAYANA SINIL	Swail	Swail	Swail	Swail	Swail	Swail	Swail	Swail	Swail	Swail	Swail	Swail	Swail	Swail	Swail
4	CHAUDHARI PRIYANKA PRAMOD	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
5	CHAUDHARI TEJAS BABURAO	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
6	CHAUDHARI VISHAKHA KAVINDRA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7	CHILANI KAJAL RAJAKUMAR	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
8	DORIK PRASHANT DNYANESHWAR	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
9	GIRJESH SURYA LASTING	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
10	GODHWANI RIYA BALRAM	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
11	JAYSVAL PUJA MAHENDRA	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
12	KHOJADE DASHYANA ABHIMANYU	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
13	MALACHE PRATIKSHA BHIMSING	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
14	MALI PRANIL SURYAKANT	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
15	MARATHE SAIBABH ENAYTE	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
16	PATIL ARATI PRAMOD	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
17	PATIL DIPALI DHANRAJ	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
18	PATIL HEENANG PRABHAKAR	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
19	PATIL MAHINA SAMAN	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

Forensic Microbiology

Attendance Report 2021-22

S. R.	Name of Students	6/2/22	7/2/22	8/2/22	9/2/22	10/2/22	20/2/22	21/2/22	22/2/22	23/2/22	24/2/22
1	RACHNA YASHVANI CHANDRAKANT	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
2	BAAGLE BHAKTI DILIP	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
3	CHAUDHARI NAVYANA SUNITI	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
4	CHAUDHARI PRIYANKA PRAMOD	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
5	CHAUDHARI TEJAS BABURAO	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
6	CHAUDHARI VISHAKHA RAJENDRA	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
7	CHERIAN KALAL RAJENDRAN	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
8	DOREK PRASHANT DNYANESHWAR	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
9	GRASE SAPANA LALING	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
10	GOHRWANI RIYA BALRAM	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
11	JAYWAL RITA VARENDRA	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
12	KHOJADE DARSHANA ABHIRAMTU	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
13	MALICHE PRATISHA BEHISING	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
14	MALI PRAEL SURYAKANT	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
15	MARATHE SARABH DEWATE	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
16	PATIL ABHITI PRAMOD	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
17	PATIL DIPALI DHANRAJ	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
18	PATIL HEMANGI PRABHAKAR	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph
19	PATIL MAHIMA SAMAY	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph	Ph

Dr. D. R. Patil

Dr. D. R. Patil

Principal

R.C. Patel Educational Trust's
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- Forensic Microbiology

Examination Held in- April-2022

Student Name: Jaiswal Puja Narendra

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

Seat Number: VAC 31-002

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
MB-01	Basics of forensics	TH	50	40
MB-02	Principles and methods of forensics	PR	50	43

Result: Pass

Marks Obtained: 83

Grade: A



Jaiswal Puja
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. Jaiswal Puja Narendra has pursued a value added course and passed the requisite examination held in April-2022 with A grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in
Forensic Microbiology



[Signature]

Course Co-ordinator

[Signature]

Co-ordinator

[Signature]
Principal

Certificate No.: 2022/31/002/S

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

DEPARTMENT OF ECONOMICS

VALUE ADDED COURSE A.Y-2021-22

SYLLABUS

FINANCIAL LITERACY

Name of the Course:	Financial literacy
Course Coordinator:	Dr. A. G. Sonawane
Duration of the Course:	30 Hours (28 days)
Students intake:	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
A Basic concepts of financial system	✓ Inauguration, ✓ Introduction to the course	One hour	1
	✓ Basic concepts ✓ Constituents of financial system.	One hour	2
B Barter system and Money	✓ 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
C Commercial Bank	✓ 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	One hour	13

	used in banking		
	✓ Role of Private Bank in an Economy	One hour	14
D Central bank	✓ 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
E Key concepts of Personal Finance and Management.	✓ 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

No of hours and days required for completion of the course	30 hours	28 days
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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 - 2021-22 (Semester-I & II)

Course Name - " Financial Literacy "

Sr. No.	Students Name	15/7/21	16/7/21	17/7/21	20/7/21	23/7/21	26/7/21	27/7/21	28/7/21	29/7/21	30/7/21	31/7/21	1/8/21	2/8/21	3/8/21	4/8/21	5/8/21	6/8/21	7/8/21	8/8/21	9/8/21	10/8/21	11/8/21	12/8/21	13/8/21	14/8/21	15/8/21
1	Bhoi Divya Subhash	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	Bhoi Ditali Suresh	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	Potdar Trupti Vinod	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	Kali Handimben Sumil	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	Pawar Chital Anant	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	Pawar Vidya Raju	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	Sonawane Nishita Gulab	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	Sonawane Karish 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
9	Kali Rajesh Jandevan	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 Anshu 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
11	Rath Karati Khannu	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	Mali Sachin Mangal	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	Mali Suresh 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
14	Paradise Yogesh 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
15	Pawar Mukesh Ganesh	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	Pawar Laksh Radhesh	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	Bhil Dilraj Raju	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	Pawar Nishita 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
19	Pawar Nishita 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
20	Pawar Day Ramda	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. 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-2022

Student Name: Bhoi Divya Subhash

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

Seat Number: VAC 10-01

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
ECO-01	Financial literacy	TH	100	92

Result: Pass

Marks Obtained: 92

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. Bhoi Divya Subhash has pursued a value added course and passed the requisite examination held in March-2022 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in
Financial Literacy



Agsonawar
Course Co-ordinator

W.P.R.
Co-ordinator

Deatil
Principal

Certificate No.: 2022/10/01/A

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

DEPARTMENT OF ECONOMICS

VALUE ADDED COURSE 2021-22

SYLLABUS

Consumer Protection Laws

Name of the Course:	Consumer Protection Laws
Course Coordinator:	Dr. A. G. Sonawane
Duration of the course:	30 hours (30 days)
Students intake:	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">✓ The rapid industrialization revolution in the Information Communication Technology globalization, etc.✓ Have brought about dramatic changes in our need perceptions behavior patterns attitude towards rights entitlements responsibilities and concerns as consumers.✓ In developing countries like India, these issues have become more problematic and necessitated the need for consumer education and awareness among the masses.	02 Hours	0 2
	<ul style="list-style-type: none">✓ Evolution of the Consumer and Consumerism	02 Hours	0 2

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

- **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

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

Department of Economics

Value Added Course Students Attendance with Signature

Academic Year – 2021-22 (Semester-I & II)

Course Name- "Consumer Protection Laws"

Sr. No.	Students Name	31/11/21	7/12/21	14/12/21	21/12/21	28/12/21	4/1/22	11/1/22	18/1/22	25/1/22	1/2/22	8/2/22	15/2/22	22/2/22	1/3/22	8/3/22	15/3/22	
1	Rhvi Divya Subhai	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi
2	Rhvi Dipali Suresh	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi	Rhvi
3	Pardab Trupti Vinod	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab
4	Kali Namitani Sunil	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali
5	Pavitra Shital Anand	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra
6	Pavitra Vidya Anu	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra
7	Sonawane Dishita Gultra	Dishita	Dishita	Dishita	Dishita	Dishita	Dishita	Dishita	Dishita	Dishita	Dishita	Dishita	Dishita	Dishita	Dishita	Dishita	Dishita	Dishita
8	Sonawane Raksha Bharu	Raksha	Raksha	Raksha	Raksha	Raksha	Raksha	Raksha	Raksha	Raksha	Raksha	Raksha	Raksha	Raksha	Raksha	Raksha	Raksha	Raksha
9	Kali Rajesh Pandurang	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali	Kali
10	Pardab Anshika Anand	Anshika	Anshika	Anshika	Anshika	Anshika	Anshika	Anshika	Anshika	Anshika	Anshika	Anshika	Anshika	Anshika	Anshika	Anshika	Anshika	Anshika
11	Patil Rupali Chandan	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali
12	Nalvi Sakin Manoj	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi
13	Nalvi Suresh Ratilal	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi	Nalvi
14	Pardab Yashraj Gultra	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab	Pardab
15	Pavitra Manish Anand	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra
16	Pavitra Ravish Patil	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra
17	Shil Dipak Babu	Shil	Shil	Shil	Shil	Shil	Shil	Shil	Shil	Shil	Shil	Shil	Shil	Shil	Shil	Shil	Shil	Shil
18	Pavitra Krishna Anand	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra
20	Pavitra Ajay Anand	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra	Pavitra

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- Consumer Protection Laws

Examination Held in- April-2022

Student Name: Bhil Dipak Babu

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

Seat Number: VAC 11-017

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
ECO-02	Consumer Protection Laws	TH	100	90

Result: Pass

Marks Obtained: 90

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. Bhil Dipak Bapu has pursued a value added course and passed the requisite examination held in April-2022 with A grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in
Consumer Protection Laws




Course Co-ordinator


Co-ordinator


Principal

Certificate No.: 2022/11/017/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 English

Value Added Course

Syllabus – Academic Year – 2021-22
(Semester- I & II)
Credit- 02

“Writing Skill”

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

A.Y-2021-22

R. C. Patel Arts, Commerce & Science College, Shirpur
Department of English
Value Added Course
Syllabus – Academic Year – 2021-22
(Semester- I & II)
Credit- 02

Title of the Course	" Writing Skill"
Course Duration	35 Hours
Teaching Pattern	Lecture
Assignment Pattern	Theory- Attendance
Eligibility	UG & PG
Medium	English

Objectives:-

- To enable the students to write in English
- To improve communication skill of the students
- To help the students in getting a job

Programme Details:-

Chapter No.	ChapterName	Syllabus	Teaching Hours
1.	General Introduction	1.1 (The Power of Words 1.2 (Write to impress 1.3 (Writing an Email	11
2.	Essay Writing	2.1 (Introduction to an Essay 2.2 (Building a Foundation 2.3 (Summarization	12
3.	Building Ideas	3.1 (Guiding on Building Ideas 3.2 (Objectivity 3.3 (Writing a Conclusion	12
	Total Hours		35

Reference Books:-

1. Advanced Writing Skills – D. S. Paul, Good Publishing House, New Delhi.
2. Essential Guide to writing- Thomas Kane, Berkley 2000.
3. Business Communication- Urmila Rai, Atlanta Publication, New Delhi.

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 Course
(Academic Year 2021-22)

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 - "Writing Skill"

PARTICULAR OF CANDIDATE

- | | |
|--|----------------------------------|
| 1. Student Name | : Ahire Kirti Shamrao |
| 2. Father/Husband Name | : Ahire Shamrao Bhaskar |
| 3. Mother Name | : Ahire Hemlata Shamrao |
| 4. Address for Correspondence | : At post- Waghadi, Tal- Shirpur |
| 5. Email Id | : ahirekirti2003@gmail.com |
| 6. Mob. No | : 9922552095 |
| 7. Date of Birth | : 12 / 09/ 2003 |
| 8. Category | : SC |
| 9. Family Annual Income | : 40,000 |
| 10. Last qualified examination | : HSC |
| 11. Mark Obtained (Out of total marks) | 402/600 |

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.



Signature of the Student



Head
Department of English



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- Writing Skill

Examination Held in- March-2022

Student Name: Ahire Kirti Shamrao

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

Seat Number: VAC 14-001

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
ENG-01	Essay Writing Skill	TH	100	76

Result: Pass

Marks Obtained: 76

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. Ahire Kirti Shamrao has pursued a value added course and passed the requisite examination held in March - 2022 with A grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

Writing Skill



Course Co-ordinator

Co-ordinator

Principal

Certificate No.: 2022/14/001/A

Value Added Course:- Writing Skill

R.C.PATEL ARTS, COMMERCE & SCIENCE COLLEGE, SHIRPUR
 Dept. of English
 Attendance Sheet
 C 2021-22

Date- 11/07/2021 - 20/07/2021

Sr.No.	Name of Student	Signature of Student	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 8	Day 9	Day 10
1	AHIRE KIRTI SHAMRAO	Ahira	Ahira	Ahira	Ahira	Ahira	Ahira	Ahira	Ahira	Ahira	Ahira
2	BADGUJAR MAYUR ADHIKAR	Badgujar	Badgujar	Badgujar	Badgujar	Badgujar	Badgujar	Badgujar	Badgujar	Badgujar	Badgujar
3	BARISHIKA NARESH	Barishika	Barishika	Barishika	Barishika	Barishika	Barishika	Barishika	Barishika	Barishika	Barishika
4	BARILAXMIKANT DAGADU	Barilaxmi	Barilaxmi	Barilaxmi	Barilaxmi	Barilaxmi	Barilaxmi	Barilaxmi	Barilaxmi	Barilaxmi	Barilaxmi
5	BHAMARE CHETAN PUNDALIK	Bhamare	Bhamare	Bhamare	Bhamare	Bhamare	Bhamare	Bhamare	Bhamare	Bhamare	Bhamare
6	BORASE HEMANT ONKAR	Borase	Borase	Borase	Borase	Borase	Borase	Borase	Borase	Borase	Borase
7	BORSE PRASHANT VINAYAK	Borse	Borse	Borse	Borse	Borse	Borse	Borse	Borse	Borse	Borse
8	CHAUDHARI PRATIK MANOHAR	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari
9	CHAUDHARI SARIKA BHASKAR	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari
10	CHAUDHARI SHUBHAM RAJESH	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari
11	CHAUDHARI YASHRAJ JITENDRA	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari
12	CHAVAN BHAVANA KISHOR	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan
13	DESHMUKH ASHWIN ARJUN	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh
14	DESHMUKH NIMISHA SUNIL	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh	Deshmukh
15	DHAKAD HITESH PANDIT	Dhakad	Dhakad	Dhakad	Dhakad	Dhakad	Dhakad	Dhakad	Dhakad	Dhakad	Dhakad
16	DUSANE KALYANI ISHWAR	Dusane	Dusane	Dusane	Dusane	Dusane	Dusane	Dusane	Dusane	Dusane	Dusane
17	GIRASE JAGDISH DHANSING	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase
18	GIRASE KUNAL NANDUSING	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase
19	GIRASE SHUBHANGI RAJENDRA	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase
20	GUJAR AVINASH GAJANAN	Gujar	Gujar	Gujar	Gujar	Gujar	Gujar	Gujar	Gujar	Gujar	Gujar
21	GUJAR HARSHADA CHHOTU	Gujar	Gujar	Gujar	Gujar	Gujar	Gujar	Gujar	Gujar	Gujar	Gujar
22	GURAV DINESH BANSLILAL	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav
23	KHAIRNAR AKSHAY AABA	Khairnar	Khairnar	Khairnar	Khairnar	Khairnar	Khairnar	Khairnar	Khairnar	Khairnar	Khairnar
24	KOLI ASHWINI ASHOK	Koli	Koli	Koli	Koli	Koli	Koli	Koli	Koli	Koli	Koli
25	KUMBHAR MAYUR DILIP	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar
26	MAHAJAN SATTYAJIT	MahaJan	MahaJan	MahaJan	MahaJan	MahaJan	MahaJan	MahaJan	MahaJan	MahaJan	MahaJan

Patel



SP



**R. C. PATEL ARTS, COMMERCE AND SCIENCE
COLLEGE, SHIRPUR**

Department Computer Application and
Management
Value Added Course in
C-Programming



A.Y-2021-22

**Syllabus of the Value Added Course of
C-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

1. Eligibility Criteria : 12th Pass
2. Name of Teacher :- Asst Prof Harshada Bhavsar
3. **List of references :-**
4. Denis Ritchie. “C” Programming – Prentice Hall Software Series- ISBN. 10 9 8 7
5. Yashwant P. Kanetkar - ANSI C ,BPB publication. ISBN: 9788183333245
6. Byron Gottfried – Programming with C –Tata McGRAW-Hill ISBN-10: 0070145903
7. Yashwant P. Kanetkar -Understanding pointers in “C” -BPB publication. ISBN-13: 978-8176563581
8. E.Balguruswami -Programming in ANSI- C- Tata McGRAW-Hill- ISBN-10: 933921966X
9. 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: - 2021-2022

Total marks: - 50

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

1. What is function and explain the Function components in details.
2. List and Explain in details Parameter passing techniques.
3. Write a short note on scope of variable.
4. Explain Pointer to Pointer with Example.
5. What is dynamic memory allocation in details?
6. write a program addition of two number using function
7. What is Operator and Explain type of Operator
8. Explain Loop statement in c.
9. Explain any String Function in C
10. Explain Pointer to Pointer with Example
11. 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: - 2021-2022

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 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

PETICULAR OF CANDIDATE

1. Name in Full (Surname First) :- Patil Akshata Sanjay
2. Father/Husband Name :- Sanjay N. Patil
3. Address for Correspondence : Near Karvand Road, Shirpur
4. Email Id : PatilAkshata123@gmail
5. Phone No/Mob.No : 8380811963
6. Nationality Indian
7. Date of Birth (dd/mm/yy) : 5/8/2001

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 fousl of incorrect, my admission is able to be cancelled.

Date 10/1/22


Name and Sign

Place: Shirpur

R.C.Patel Arts Commerce Science College, Shirpur
 Department of Computer Application and Management
 Value Added Courses of C-Programming ATTENDANCE
 (A-Y-2021-2022)

Roll No	Student Name	17-01-22	18-01-22	19-01-22	20-01-22	21-01-22	22-01-22	24-01-22	25-01-22	27-01-22	28-01-22	29-01-22	02-02-22
1	Patil Akshata Sanjay	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2	Patil Dhanashri Dhanraj	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3	Patil Divya Sharan	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	Patil Jagdish Khanderao	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5	Patil Mayur Dyaneshwar	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6	Patil Mayuri Shankar	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7	Bhamare Gitraj Rajendra	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8	Bhamare Kamlesh Rajendra	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9	Bhavsar Jai Diapik	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10	Bhoi Ganesh Sakharam	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11	Borse Rushikesh Madhukar	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
12	Chaudhari Aditya Bhupendra	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
13	Chaudhari Avantika Tarachand	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
14	Datr Kajal Dinesh	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
15	Deore Dipak Sanjay	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
16	Deshmukh Mohit Nilachand	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
17	Gavali Rupali Laxman	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
18	Gavit Amruta Gangadhar	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
19	Girase Divyesh Harpalasingh	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
20	Girase Ganesh Chhotusing	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
21	Girase Kishor Rajendra	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
22	Girase Nikhil Rajendra	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
23	Girase Sudarshan Surendra	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
24	Jadhav Kiran Rajendra	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
25	Jadhav Swapnil Lakhesing	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
26	Jamadar Sumit Prathadsing	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
27	Javheri Bhumnika Santosh	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
28	Khairnar Ritesh Shivaji	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
29	Khatri Kuresh Shakil	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
30	Khatri Surfyan Hafiz	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB

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 Akshata Sanjay has pursued a value added course and passed the requisite examination held in March - 2022 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

'C' Programming



H. B. Chavhan

Course Co-ordinator

M. P. Chavhan

Co-ordinator

P. S. Chavhan

Principal

Certificate No.: 2022/20/003/S



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

Department Computer Application and
Management

Value Added Course in Web Development



A.Y-2021-22

R. C. Patel Arts Commerce Science College, Shirpur
Department Of Computer Application and Management
Value Added Course 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: - 33 hrs. (Credits:-02)

Unit I

- What is web development?

15 Hours

- 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

15 Hours

- 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
8:00am to 8:50am	TH	TH	TH	TH	TH	TH
9:00am to 11:00am	lab	lab	lab	lab	lab	lab

10. Eligibility Criteria : 12th Pass

11. List of references :-

- Textbook of Web Designing By Joel Skylar, Cen gage Learning Publication 2009
- Web designing in Nut Shell (Desktop Quick Reference) by Jennifer Neediest Publication 'Reilly publication
- Designing web navigation by James Kalbach Publication – O'Reilly publication Textbook of Web Designing By Joel Sklar, Cen gage Learning Publication 2009 ISBN, 1423901940
- The ABC's of Java Script by Lee Purcell Mary Jane Mara, BPB Publication. ISBN: 8170298261.
- The Complete Reference – Web Design, Thomas A. Powell, TMH, ISBN 0-07-041186.
- How to become webmaster in 14 days, James L Mahler, Tec media ISBN 1575211696.

- HTML, DHTML, JavaScript, Perl & CGI by Ivan Bayross, BPB Publishing ... ISBN

R. C. Patel Arts, Commerce and Science College, Shirpur
Department of Computer Application and Management
Sub: - Value Added in Web-Development

Academe year:-2021-22

Total marks:-50

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

1. Explain Text formatting tag with example.
2. Explain font tag with attributes example.
3. Explain marquee tag with attributes example.
4. Explain image tag with attribute and example.
5. Explain Form Tag with their attribute and Element.
6. Explain Internal, Inline and External CSS with Example.
7. What is CSS? Explain With Example.
8. Explain Advantages of JavaScript.
9. Explain Website Development phases with diagram.
10. Define variable .explain types of variable.
11. Write Difference between Client side and Server side Script.

R. C. Patel Arts, Commerce and Science College, Shirpur
Department of Computer Application and Management
Sub: - Value Added in Web-Development

Academe year: - 2021-22

Total marks: - 50

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

12. Create web page using Different Formatting tag.
13. Create Web page with different Images.
14. Create web page using Marquee Tag
15. Create a web page using different List tag.

R.C.Patel Arts Commerce Science College, Shirpur
 Department of Computer Application and Management
 Value Added Courses of Web-Development ATTENDANCE
 (A.Y:-2021-2022)

Roll No	Student Name	17-01-22	18-01-22	19-01-22	20-01-22	21-01-22	22-01-22	24-01-22	25-01-22	27-01-22	28-01-22	29-01-22	02-02-22
1	Rajul Bhavika Sural	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS
2	Rajul Sanku Ranesh	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
3	Ravasa Koral Jitendra	Ma	Ma	Ma	Ma	Ma	Ma	Ma	Ma	Ma	Ma	Ma	Ma
4	Rudra Jayesh Dushrath	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
5	Ruser Amar Sanjay	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
6	Shubham Jay Chandrakant	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
7	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
8	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
9	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
10	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
11	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
12	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
13	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
14	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
15	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
16	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
17	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
18	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
19	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
20	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
21	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
22	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
23	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
24	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
25	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
26	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
27	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
28	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
29	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
30	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi
31	Shubham Gourav Prakash	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi	Sehngi



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- April-2022

Student Name: Patil Sayali Ganesh

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

Seat Number: VAC 21-020

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
COM-03	Web Development	TH	50	47
COM-04	Web Development	PR	50	46

Result: Pass

Marks Obtained: 93

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. Patil Sayali Ganesh

has pursued a value added course and passed the requisite examination held in April - 2022 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

Web Development



Patil

Course Co-ordinator

Y.P.B.

Co-ordinator

Deatle

Principal

Certificate No.: 2022/21/020/5

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 – 2021-22
(Semester- I & II)
Credit- 02

“स्वयंरोजगारासाठी लेखन कौशल्य”

Department of Marathi
R. C. Patel Arts, Commerce & Science College, Shirpur
Tal. Shirpur, Dist.- Dhule, 425

R. C. Patel Arts, Commerce & Science College, Shirpur
Department of Marathi
Value Added Course
Syllabus – Academic Year – 2022-23
(Semester- I & II)
Credit- 02

Title of the Course	"स्वयंरोजगारासाठी लेखन कौशल्य"
Course Duration	30 Hours
Teaching Pattern	Lecture
Assignment Pattern	Theory- Attendance
Eligibility	UG (FYBA,SYBA,TYBA Students)
Medium	Marathi

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	१३
	एकूण तासिका		३३

संदर्भ ग्रंथ

4. उपयोजित मराठीसंजय लांडगे .प्रा -, दिलिपराज प्रकाशन, पूणे
5. संगणक परिचयडॉ गोरे -, डॉकोलारकर ., पिंपळापूरे पब्लिकेशन, नागपूर.
6. ईमेल व चॅटमाधव शिरवकर -, संगणक प्रकाशन, मुंबई.


7. चला वापरु इंटरनेटविवेक मेहेत्रे-, उन्देली बुक्स, मुंबईभाषांतर मीमांसा – संपा .कल्याण काळेअंजली ,
सोमण

8. आधुनिक समाज माध्यमे लेखन व संवाद –डॉ .अक्षय घोरपडे


R. C. Patel Arts, Commerce & Science College, Shirpur
Department of Marathi
Value Added Course Students Attendance with Signature
Academic Year – 2021-22 (Semester- I & II)


Course Name- "स्वयंरोजगारासाठी लेखन कौशल्य"

Sr. No.	Students Name	23/9	24/9	25/9	29/9	30/9	4/10	5/10	6/10	11/10	12/10	19/10	11/11	12/11	15/11	19/11
1	Rawade Sachin B.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
2	Patil Bham P.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
3	Patil Gopal K.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
4	Gayakwad Ajay K.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
5	Banawane Amol B.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
6	Rathod Jayesh K.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
7	Patil Anil S.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
8	Sonar Anand K.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
9	PKWale Suraj P.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
10	Patil Bhushan K.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
11	Mahajan Kishor K.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
12	Bhat Suraj K.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
13	PAWDE Saraswat K.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
14	Patil Amol R.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
15	Patil Suman K.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
16	Patil Ajay S.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
17	Mali Suraj R.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
18	Bhasin Kishor T.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
19	Pawara Sachin R.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
20																



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





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- स्वयंरोजगारासाठी लेखन कौशल्य

Examination Held in- March-2022

Student Name: Rajput Rahul Gajendra

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

Seat Number: VAC 18-06

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
MAR-01	स्वयंरोजगारासाठी लेखन कौशल्य	TH	100	91

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

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 Rahul Gajendra has pursued a value added course and passed the requisite examination held in March - 2022 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

स्वयंशिक्षणशास्त्राधीन लेखन कौशल



Course Co-ordinator

Co-ordinator

Principal

Certificate No.: 2022/18/006/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)

Admission Form for Value Added Courses
(Academic Year 2021-22)



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 : Rajput Rohit Gajendra
2. Father/Husband Name : Rajput Gajendra Ramesh
3. Mother Name : Rajput Chetana Gajendra
4. Address for Correspondence : At Pst Arthe Tal. Shirpur Dist. Dhule
5. Email Id : rajputrohita@gmail.com
6. Mob. No : 7350708453
7. Date of Birth : 17-7-2000
8. Category : Open
9. Family Annual Income : 15 Lacs
10. Last qualified examination : 12th Commerce
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

Sr No	Students Name	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
21	Abhir Pragyat Sampat	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
22	Sanjay Kamesh Madan	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
23	Om Kamesh Karkal	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
24	Om Nitesh Dadasing	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
25	Shri Anushayk Sangay	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
26	Harsh Lakshay Karkal	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
27	Harsh Lakshay Karkal	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
28	Shri Anushayk Sangay	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
29	Shri Anushayk Sangay	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
30	Shri Anushayk Sangay	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
31	Shri Anushayk Sangay	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
32	Shri Anushayk Sangay	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
33	Shri Anushayk Sangay	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
34	Shri Anushayk Sangay	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
35	Shri Anushayk Sangay	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
36	Shri Anushayk Sangay	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
37	Shri Anushayk Sangay	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
38	Shri Anushayk Sangay	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
39	Shri Anushayk Sangay	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not
40	Shri Anushayk Sangay	31/12/21	not	not	not	not	not	not	not	not	not	not	not	not	not	not	not



Dr. M. B. Bachhure
 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- Dynamics of Healthy Child Development

Examination Held in- April-2022

Student Name: Rajput Rohit Gajendra

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

Seat Number: VAC 15-01

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
PSY-01	Dynamics of Healthy Child Development	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. Rajput Rohit Gajendra has pursued a value added course and passed the requisite examination held in April-2022 with A 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.: 2022/15/001/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 Khatoun. 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 behavior, 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 2021-22)



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

Sir,

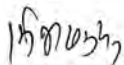
I wish to get admission as Student for the- Value Added Courses in - "VAD 101-Child Psychology/
VAD 102-Dynamics of Healthy Child Development

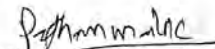
PARTICULAR OF CANDIDATE

1. Student Name : Pathan Malik Yusef Khan
2. Father/Husband Name : Pathan Yusef Khan Salim
3. Mother Name : Pathan Musse Khan Yusef Khan
4. Address for Correspondence : Shirpur Dist. Dhule
5. Email Id : Pathan780@gmail.com
6. Mob. No : 9793556657
7. Date of Birth : 6-6-2002
8. Category : S.C.
9. Family Annual Income : Two Lacs
10. Last qualified examination : 12th Sem
11. Mark Obtained (Out of total marks) : 69%

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- 2021-2022

Sr. No	Student Name	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
21	Ahne Prasad Sonawar	5/19/21	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
22	Amey Suresh Madan	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
23	Shri Anshu Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
24	Shri Anshu Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
25	Shri Anshu Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
26	Arjun Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
27	Arjun Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
28	Arjun Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
29	Arjun Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
30	Arjun Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
31	Arjun Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
32	Arjun Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
33	Arjun Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
34	Arjun Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
35	Arjun Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
36	Arjun Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
37	Arjun Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
38	Arjun Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
39	Arjun Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
40	Arjun Anand	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2

Dr. M.B. Bachure
 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- March-2022

Student Name: Pathan Malik Yusufkhan

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

Seat Number: VAC 16-09

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
PSY-01	Child Psychology	TH	100	73

Result: Pass

Marks Obtained: 73

Grade: A



W. 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



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. Pathan Malik Yusufkhan

has pursued a value added course and passed the requisite examination held in March - 2022 with A grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in
child Psychology



[Handwritten Signature]

Course Co-ordinator

[Handwritten Signature]

Co-ordinator

[Handwritten Signature]
Principal

Certificate No.: 2022/16/009/A



R. C. Patel Arts, Commerce and Science

College, Shirpur

Department of Commerce

Value Add Course

In

Computer Literacy

Course duration: 33 hrs. Credits: 02

For all Undergraduate Students



2021-2022

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

Value Added Course in Computer Literacy
2021-2022

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 analyse 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.
-
-

Syllabus

Value Added Course in 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

Value Added Course in 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 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 Rajput Urvashi Ravindra

Rajput
(Name and Signature of the Candidate)

PETICULAR OF CANDIDATE

1. Name in Full : Rajput Urvashi Ravindra
(Surname First) Surname Name Father/Husband Name
2. Address for Correspondence : Vidhya Vihar colony, Shirpur
3. Email Id : urvashi00@gmail.com
4. Phone No/Mob. No : 9067454500
5. Father's/Husband Name : Rajput Ravindra Vijay
6. Sex(Male/Female) : Male
8. Nationality : India
9. Date of Birth (dd/mm/yy) : 09/05/2004
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

Shingale
Head of Department
Commerce
R.C.Patel Arts, Comm. & Sci. College
Shirpur Dist. Dhule



R. C. Patel Arts, Commerce & Science College

Department of Commerce

Value Added Course in Computer Literacy (2021-2022)



Sl. No.	Name of Student	05/07/2021	06/07/2021	07/07/2021	08/07/2021	09/07/2021	10/07/2021	11/07/2021	12/07/2021	13/07/2021	14/07/2021	15/07/2021	16/07/2021	17/07/2021	18/07/2021	19/07/2021
1.	AABRI LALITA KALPESH	Leptre	Leptre	Leptre	Leptre	Leptre	Leptre	Leptre	Leptre	Leptre	Leptre	Leptre	Leptre	Leptre	Leptre	Leptre
2.	CHAUDHARI NANDINI PARVIN	Near	Near	Near	Near	Near	Near	Near	Near	Near	Near	Near	Near	Near	Near	Near
3.	DHANGAR RAJ DILIP	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj
4.	DHOLE PARTMESH MANOJ	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan
5.	PATIL KULDEEP KAILAS	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil
6.	PATIL KUNAL SIDDAM	Ks Patil	Ks Patil	Ks Patil	Ks Patil	Ks Patil	Ks Patil	Ks Patil	Ks Patil	Ks Patil	Ks Patil	Ks Patil	Ks Patil	Ks Patil	Ks Patil	Ks Patil
7.	PATIL MANISHA KAPOORCHAND	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil
8.	PATIL MEGHA VITTHAL	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil
9.	PATIL NANDINI VITTHAL	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil	Ms Patil
10.	PATIL NEHA MAHENDRA	Nehru	Nehru	Nehru	Nehru	Nehru	Nehru	Nehru	Nehru	Nehru	Nehru	Nehru	Nehru	Nehru	Nehru	Nehru
11.	PATIL PERANA AANANDRAO	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil	Kulpatil
12.	PATIL RUSHKESH KAILAS	Rishu	Rishu	Rishu	Rishu	Rishu	Rishu	Rishu	Rishu	Rishu	Rishu	Rishu	Rishu	Rishu	Rishu	Rishu
13.	PATIL SANIKA DHANRAJ	Sankra	Sankra	Sankra	Sankra	Sankra	Sankra	Sankra	Sankra	Sankra	Sankra	Sankra	Sankra	Sankra	Sankra	Sankra
14.	PATIL SANMEL LOTAN	San	San	San	San	San	San	San	San	San	San	San	San	San	San	San
15.	PATIL SANKAR LOTAN	San	San	San	San	San	San	San	San	San	San	San	San	San	San	San
16.	PATIL SHAILESH LAXMAN	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail
17.	PATIL SHAILESH LAXMAN	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail	Shail
18.	PAWAR PRUTHVIRAJ SIDDHARTH	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
19.	PAWAR PRUTHVIRAJ SIDDHARTH	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar

20.	PNARIKAR RAJU	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	
21.	RAPUT ASHWINI PADMAASING	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput
22.	RAPUT MEGHA BHENDRASING	rajput	rajput	rajput	rajput	rajput	rajput	rajput	rajput	rajput	rajput	rajput	rajput	rajput	rajput	rajput	rajput	rajput	rajput	rajput	rajput
23.	RAPUT MONIKA CHENNILAL	raj	raj	raj	raj	raj	raj	raj	raj	raj	raj	raj	raj	raj	raj	raj	raj	raj	raj	raj	raj
24.	RAPUT NISHANTSING SANJAYSING	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput
25.	RAPUT RAHUL SANJAYSING	ehud	ehud	ehud	ehud	ehud	ehud	ehud	ehud	ehud	ehud	ehud	ehud	ehud	ehud	ehud	ehud	ehud	ehud	ehud	ehud
26.	RAPUT SULKARNA GULABASING	son	son	son	son	son	son	son	son	son	son	son	son	son	son	son	son	son	son	son	son
27.	RAPUT URVASHI RAVINDRA	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu	kyu
28.	RAUL SARITA YOGENDRASING	saetha	saetha	saetha	saetha	saetha	saetha	saetha	saetha	saetha	saetha	saetha	saetha	saetha	saetha	saetha	saetha	saetha	saetha	saetha	saetha
29.	SANDANE SHWETA HIRALAL	Shivner	Shivner	Shivner	Shivner	Shivner	Shivner	Shivner	Shivner	Shivner	Shivner	Shivner	Shivner	Shivner	Shivner	Shivner	Shivner	Shivner	Shivner	Shivner	Shivner
30.	SALUNKHE HARSHADA GORAKHANATH	SHG	SHG	SHG	SHG	SHG	SHG	SHG	SHG	SHG	SHG	SHG	SHG	SHG	SHG	SHG	SHG	SHG	SHG	SHG	SHG
31.	SASTE VASANTHREE RAMESH	Saste	Saste	Saste	Saste	Saste	Saste	Saste	Saste	Saste	Saste	Saste	Saste	Saste	Saste	Saste	Saste	Saste	Saste	Saste	Saste
32.	SHAKHANAS SADIQUE	shakhs	shakhs	shakhs	shakhs	shakhs	shakhs	shakhs	shakhs	shakhs	shakhs	shakhs	shakhs	shakhs	shakhs	shakhs	shakhs	shakhs	shakhs	shakhs	shakhs
33.	SHAKMA MANSI RAJENDRA	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara
34.	SHAKMA ETRKA PRASHANT	Raktva	lyakke	Kyusa	Raktva	Raktva	Raktva	Raktva	Raktva	Raktva	Raktva	Raktva	Raktva	Raktva	Raktva	Raktva	Raktva	Raktva	Raktva	Raktva	Raktva
35.	SHIDDI NARARATA RAVINDRA	Shipi	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari
36.	SHIDDI NIKHIL PRAVIN	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir	Kuvir
37.	SHIDDI PUNAM SINDRI	terram	terram	terram	terram	terram	terram	terram	terram	terram	terram	terram	terram	terram	terram	terram	terram	terram	terram	terram	terram
38.	SHIRNATH SANDIP VIJAY	sandip	sandip	sandip	sandip	sandip	sandip	sandip	sandip	sandip	sandip	sandip	sandip	sandip	sandip	sandip	sandip	sandip	sandip	sandip	sandip
39.	SHIRNATH SARANA DNYANESHWAR	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari	Shivari
40.	SONAWANE KALYANI KASIRAVATHI	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.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
41.	SONAWANE MAYUR SINDI	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur
42.	SONAWANE PRANALI GANESH	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara	Savara

43.	SOMAWANE TEAL SANJAY	SANJAY	SANJAY	SANJAY	SANJAY	SANJAY	SANJAY	SANJAY	SANJAY	SANJAY	SANJAY	SANJAY	SANJAY	SANJAY	SANJAY	SANJAY	SANJAY	SANJAY	SANJAY
44.	THOMBARE KETAN ANIL	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan	Ketan
45.	YSHI JAYVANT ASHOK	ASHOK	ASHOK	ASHOK	ASHOK	ASHOK	ASHOK	ASHOK	ASHOK	ASHOK	ASHOK	ASHOK	ASHOK	ASHOK	ASHOK	ASHOK	ASHOK	ASHOK	ASHOK
46.	WAGH ANVALLI NANA	Angelis	Angelis	Angelis	Angelis	Angelis	Angelis	Angelis	Angelis	Angelis	Angelis	Angelis	Angelis	Angelis	Angelis	Angelis	Angelis	Angelis	Angelis
47.	WALUNIKAR SNEHA ARJUN	SNEHA	SNEHA	SNEHA	SNEHA	SNEHA	SNEHA	SNEHA	SNEHA	SNEHA	SNEHA	SNEHA	SNEHA	SNEHA	SNEHA	SNEHA	SNEHA	SNEHA	SNEHA
48.	WANI TEJAS GOPAL	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas
49.	VADAV RAJUL RAMASHRAY	RAJUL	RAJUL	RAJUL	RAJUL	RAJUL	RAJUL	RAJUL	RAJUL	RAJUL	RAJUL	RAJUL	RAJUL	RAJUL	RAJUL	RAJUL	RAJUL	RAJUL	RAJUL
50.	YEOLE CHETAN BABAN	CHETAN	CHETAN	CHETAN	CHETAN	CHETAN	CHETAN	CHETAN	CHETAN	CHETAN	CHETAN	CHETAN	CHETAN	CHETAN	CHETAN	CHETAN	CHETAN	CHETAN	CHETAN

Srinivas

Head of Department

Department of Computer Science
P. C. Patel Institute of Technology & Skill
Development, Chikankar, Solapur.



**Value Added Course Dept. Of Defence Studies
Academic Year -2021-2022**

Course Name:- 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 confidently, 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

UNIT I Definition – Crime, Cyber Crime, Information Security, Digital Forensics – Conventional Crime Vs. Cyber Crime - Uniqueness of Cyber Crime – History of Cyber Crimes.

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

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

UNIT IV Understanding cyber-criminal behaviour – modus operandi - Criminological , Sociological and Psychological theories relating to cybercrime behaviour.

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

(Sai Commuter center Shirpur)

Feedback –

Exam - MCQ Type Exam

List reference books:

1. Fundamental of Cyber Security by mayank Bhushan
,Rajkumar singh BPB Publication 2017
2. Cyber Security: Understanding Cyber
Crimes- Sunit Belapure Nina Godbole
3. Computer Security Practices in Non
Profit Organisations – A Net Action Report
By Audrie Krause.
4. A Look back on Cyber Security 2012 by
Luis corrns – Panda Labs.
5. Cyber Security By- Anand Shinde Notion Press;
1st edition (5 February 2021) Chennai
6. IEEE Security and Privacy Magazine –
IEEECS “Safety Critical Systems – Next
Generation “July/ Aug 2013.
7. Cyber Crime and its Prevention in Easy Steps

Criteria for completion –

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

Value Added Course Dept. Of Defence Studies

Year of Course 2021-2022

Course Name:- CYBER SECURITY COURSE

Value Added Course Student Attendance with Signature

Sr. No.	Student Name	Signature of Beneficial Student						
		13/9/2021	14/9/2021	15/9/2021	16/9/2021	17/9/2021	18/9/2021	19/9/2021
1	Potlady Pruthi Bhanu-dga	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
2	Kishan Bare	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
3	MAHAT Chandhali	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
4	Rohit Patil	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
5	Tilakraj Maha	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
6	Vishal BHAW SIDDHARTH	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
7	Valvi Sachin mangesh	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
8	Pooja Kikas	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
9	MALINI VEK Bhaw	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
10	Rajput Chetan Ravindra	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
11	Rajput Surjit Himmalsing	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
12	Rajput Ramesh anjaysing	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
13	Rajal Girish Bhagat	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
14	Lina manohar Athise	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
15	Sumanee diwita Salatre	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
16	Pothan Mahesh Yusuffhon	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
17	Pothade Rajeshchale	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
18	Kaurna Shital Anilal	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
19	Amorit agarwal	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
20	Yashasvi Kulkarni	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

Co-Ordinator
Dr.R.S.Pawar



[Signature]
Principal
Dr.D.R.Patil

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 Cyber Security Course
Academic Year - 2021-2022



PARTICULAR OF CANDIDATE

1	Name in Full (Surname First)	:	Potadar Trupti Bhanudas.
2	Father/Husband Name	:	Potadar Bhanudas Madan
3	Mother Name	:	Surekha Potadar
4	Address for Correspondence	:	Alp. shingave Tal. Shirpur
5	Mob. No.	:	76 20 34 12 43
6	Email Id	:	truptipotadar43@gmail.com
7	Date of Birth	:	28-12-2003
8	Place of Birth	:	Shirpur Dist-Dhule
9	Category	:	OBC
10	Family Annual Income	:	90,000/-
11	Last qualified examination	:	FYBA
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 false or incorrect, my admission is liable to be cancelled.

Date: 17/8/2021

Signature

- Potadar Tr.

Place: Shirpur

Name of Student

- Potadar Trupti B.



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

Examination Held in- March-2022

Student Name: Potdar Trupti Bhanudas

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

Seat Number: VAC 06-016

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
DEF-03	Cyber Security course	TH	50	42
DEF-04	Practical work	PR	50	41

Result: Pass

Marks Obtained: 83

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. Potday Trupti Bhanudas has pursued a value added course and passed the requisite examination held in March - 2022 with A grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

Cyber Security



[Signature]

Course Co-ordinator

[Signature]

Co-ordinator

[Signature]

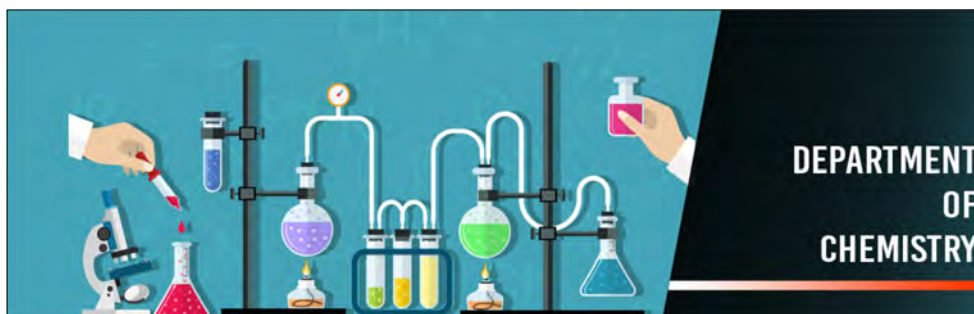
Principal

Certificate No.: 2022/06/016/A.



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

**Value Added Course:
Soap and Detergent Making**



Faculty: Science	Title: Soap and Detergent Making
Total Credit: 2 (30 Hrs.)	
Type: 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, 3rd 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.

Time Table of Course Lectures (2021-22)
Soap and Detergent Making

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4.00-5.00pm	6-12-2021	7-12-2021	8-12-2021	9-12-2021	10-12-2021	-
4.00-5.00pm	12-12-2021	13-12-2021	14-12-2021	15-12-2021	16-12-2021	-
4.00-5.00pm	18-12-2021	19-12-2021	20-12-2021	21-12-2021	22-12-2021	-
4.00-5.00pm	-	-	26-12-2021	27-12-2021	28-12-2021	-
4.00-5.00pm	30-12-2021	-	-	2-1-2022	3-1-2022	-
4.00-5.00pm	5-1-2022	6-1-2022	7-1-2022	8-1-2022	9-1-2022	-
4.00-5.00pm	11-1-2022	12-1-2021	13-1-2021	-	-	-
4.00-5.00pm	17-1-2022	18-1-2022	19-1-2022	-	-	-

• **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: SOAP AND DETERGENT MAKING (2021-22)

Sr.No.	Name of Student	6/12/21	7/12/21	8/12/21	9/12/21	10/12/21	12/12/21	13/12/21	14/12/21	15/12/21	16/12/21
1.	BAGALE LEENA RAMANAND	L.R.B	L.R.B	L.R.B	L.R.B	L.R.B	L.R.B	L.R.B	L.R.B	L.R.B	L.R.B
2.	CHAUDHARI PRASAD CHANDRAKANT	Chaudhary	Chaudhary	Chaudhary	Chaudhary	Chaudhary	Chaudhary	Chaudhary	Chaudhary	Chaudhary	Chaudhary
3.	BHAVAR DURGESH DASHRATH	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh	Durgesh
4.	GAVIT RUTIK DASU	Pantari	Pantari	Pantari	Pantari	Pantari	Pantari	Pantari	Pantari	Pantari	Pantari
5.	CHAVAN JITENDRA RAMESH	Jchavan	Jchavan	Jchavan	Jchavan	Jchavan	Jchavan	Jchavan	Jchavan	Jchavan	Jchavan
6.	PATIL JITENDRA MANOHAR	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
7.	PATIL KHUSHAL NARAYAN	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
8.	GIRASE NEHA PRAKASH	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase
9.	PATIL KUNAL BHARAT	Kunale	Kunale	Kunale	Kunale	Kunale	Kunale	Kunale	Kunale	Kunale	Kunale
10.	PATIL SRUSHTI KIRAN	Struti	Struti	Struti	Struti	Struti	Struti	Struti	Struti	Struti	Struti
11.	GIRASE MANASI HEMENDRASING	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase	Girase
12.	PATEL SIDDHI RAJESH	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel
13.	WARULE SWAPNIL DADAJI	Warule	Warule	Warule	Warule	Warule	Warule	Warule	Warule	Warule	Warule
14.	SHIRSATH PALLAVI ASHOK	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath	Shirsath
15.	PATIL SAGAR KANTILAL	S.K.Patil	S.K.Patil	S.K.Patil	S.K.Patil	S.K.Patil	S.K.Patil	S.K.Patil	S.K.Patil	S.K.Patil	S.K.Patil
16.	PATEL MANISH JAGDISH	M.Patel	M.Patel	M.Patel	M.Patel	M.Patel	M.Patel	M.Patel	M.Patel	M.Patel	M.Patel
17.	RAJPUT ROHINI CHANDRASING	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput
18.	SONAWANE TRUPTI SHAMKANT	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane
19.	PATIL ABHAY MANOJ	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
20.	RAJPUT YOGESH HARSING	Y.H.R	Y.H.R	Y.H.R	Y.H.R	Y.H.R	Y.H.R	Y.H.R	Y.H.R	Y.H.R	Y.H.R
21.	SHELAR ANANDA YADAV	S.Shelar	S.Shelar	S.Shelar	S.Shelar	S.Shelar	S.Shelar	S.Shelar	S.Shelar	S.Shelar	S.Shelar
22.	SONAWANE VISHAKHA RAJENDRA	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane

Chakrabarti



HEAD
Department Of Chemistry
R.C. Patel Arts, Comm. & Sci. College
Shirpur, Dist. Dhule 428 401

10. Fathers/Husband Guardian's annual Income from all sources in as- 70000/-

11. Particulars of academic qualifications

- a) **Name of the last qualified examination - BSc Chemistry**
- b) **Name of Board/University- SPPU, Pune.**
- c) **Name of the college- RYK College, Nashik**
- d) **Month and year of passing- 2020-21**
- e) **Subjects studied at graduation (to be filled by students who passed)**
 - Principal subject- Chemistry**
 - Subsidiary subjects-Physics, Math**
- f) **Marks obtained (out of total marks) -650/900**
- g) **Particulars of regular examination**
 - Name of the course: Laboratory Safety and Rules**
 - Name of the college R C Patel, ASC College, Shirpur**

12. Presently working (if applicable) - No

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: 1/12/2021

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- Value Added Course in Soap and Detergent Making

Examination Held in- March-2022

Student Name: Chaudhari Prasad Yashwant

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

Seat Number: VAC 31-009

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
CHM--01	Detergent Making	TH	50	42
CHM--02	Detergent Making	PT	50	45

Result: Pass

Marks Obtained: 87

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. Chaudhari Prasad Yashwant has pursued a value added course and passed the requisite examination held in March-2022 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

Soap and Detergent



Ramawame
Course Co-ordinator

MPR
Co-ordinator

Seetha
Principal

Certificate No.:

R. C. Patel Art's Commerce and Science College, Shirpur
Department of Physics and Electronics
Value Added Course
Understanding Physics using MATLAB.

- 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
Course Title	Understanding Physics using MATLAB.						
Aim/ Course Description	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.						
Course Objectives	<ol style="list-style-type: none"> 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. 						

Syllabus		
Unit	Contents	Hours
I	Introduction to MATLAB for Physics: 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	06
II	Classical Mechanics: 2.1 Newtonian mechanics revisited 2.2 Lagrangian and Hamiltonian mechanics 2.3 Central force motion 2.4 MATLAB applications in classical mechanics simulations and problem-solving	08
III	Quantum Mechanics: 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	08
IV	Computational Physics: 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	08

Reference and Text Book:

- Fundamentals of Computers" by V. Rajaraman.
- Computer Basics for Beginners" by TeachUcomp, 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

Dr. D. R. Patil
(Principal)

Time Table

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
4-5 pm	21/02/2022	22/02/2022	23/02/2022	24/02/2022	25/02/2022	26/02/2022	-
4-5 pm	28/02/2022	-----	02/03/2022	03/03/2022	04/ 03/ 2022	05/03/2022	-
4-5 pm	07/03/2022	08/03/2022	09/03/2022	10/03/2022	11/03/2022	12/03/2022	-
4-5 pm	14/03/2022	15/03/2022	16/03/2022	17/03/2022	-----	19/03/2022	-
4-5 pm	21/03/2022	22/03/2022	23/03/2022	24/03/2022	25/03/2022	26/03/2022	-
4-5 pm	28/03/2022	29/03/2022					-
4-5 pm							

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 2021-2022

Course Name: Understanding Physics using MATLAB

Students Attendance with signature

Department of Physics and Electronics

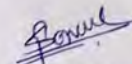
Sr. No	Students Name	Students Signature									
		21/02/22	22/02	23/02	24/02	25/02/22	26/02/22	28/02/22	02/03	03/03	04/03/22
1	Badgujar Manjusha Sunil	msbady	msbady	msbady	msbady	msbady	msbady	msbady	msbady	AB	msbady
2	Bedse Kavita Pratap	Kavita	Kavita	Kavita	Kavita	Kavita	Kavita	Kavita	Kavita	AB	Kavita
3	Birhade Amrapali Anand	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	Deore Sakshi Nimbajirao	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	AB	Sakshi
5	Gavit Kalpana Ramesh	AB	Kalpana	Kalpana	Kalpana	AB	Kalpana	Kalpana	Kalpana	Kalpana	Kalpana
6	Girase Trupti Premsing	GT	GT	GT	AB	GT	GT	GT	GT	AB	GT
7	Jain Poonam Pratapmal	PPJain	PPJain	PPJain	PPJain	PPJain	PPJain	PPJain	PPJain	PPJain	PPJain
8	Jaware Goral yogesh	yogesh	yogesh	yogesh	yogesh	yogesh	yogesh	yogesh	yogesh	yogesh	yogesh
9	Mali Tejaswini Prakash	Tejaswini	Tejaswini	AB	AB	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini
10	Patil Khushali Nitin	KNP	KNP	KNP	KNP	KNP	KNP	AB	KNP	KNP	
11	Patil Nayana Rajendra	Nayana	Nayana	Nayana	Nayana	Nayana	Nayana	Nayana	Nayana	Nayana	Nayana
12	Gavali Priya Rajendra	Gpriya	Gpriya	Gpriya	Gpriya	Gpriya	Gpriya	Gpriya	Gpriya	Gpriya	Gpriya
13	Pathak Ankita Anant	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
14	Patil Gauri Satish Chandra	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri
15	Marathe Bhagyashri Sakharam	BMarathe	BMarathe	BMarathe	BMarathe	BMarathe	BMarathe	AB	BMarathe	BMarathe	BMarathe
16	Patil Kanchan Kantilal	AB	KKP	KKP	KKP	KKP	KKP	KKP	KKP	KKP	AB
17	Rajput VrushaliDevi Vijaysing	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput
18	Deore Ganesh Rajendra	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
19	Hake Lahu Namdeo	Lahu	Lahu	Lahu	Lahu	Lahu	Lahu	AB	Lahu	Lahu	Lahu
20	Pawar Lina Kiran	LKP	LKP	LKP	LKP	LKP	LKP	LKP	LKP	LKP	LKP
21	Sabe Divya Satish	SAS	SAS	SAS	SAS	SAS	SAS	SAS	SAS	SAS	SAS
22	Sonawane Ashvini Amrut	Asonawane	Asonawane	Asonawane	Asonawane	Asonawane	Asonawane	Asonawane	Asonawane	Asonawane	Asonawane
23	Patil Vaishnavi Uday	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	AB	Vaishnavi	AB	Vaishnavi	Vaishnavi	Vaishnavi
24	Solanki Gayatri Jagdish	Gsolanki	Gsolanki	Gsolanki	Gsolanki	Gsolanki	Gsolanki	Gsolanki	Gsolanki	Gsolanki	Gsolanki
25	Valvi Yamuna Kella	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini
26	Gosavi Chhaya Pandurang	Gchhaya	Gchhaya	Gchhaya	Gchhaya	Gchhaya	Gchhaya	Gchhaya	Gchhaya	Gchhaya	Gchhaya
27	Kazi Ataurrehman Ejazahmed	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
28	Mali Jitendra Prabhakar	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali

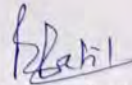
Miss. P. B. Sonawane
(Name of Teacher)

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

Year of Course 2021-2022
 Course Name: Understanding Physics using MATLAB
 Students Attendance with signature
 Department of Physics and Electronics

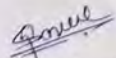
Sr. No	Students Name	Students Signature										
		05/03	07/03/22	08/03/22	09/03	10/03/22	11/03/22	12/03/22	14/03/22	15/03/22	16/03/22	
1	Badgujar Manjusha Sunil	msbad	msbad	msbad	msbad	msbad	msbad	msbad	msbad	msbad	msbad	msbad
2	Bedse Kavita Pratap	Kavite	Kavite	Kavite	Kavite	Kavite	Kavite	Kavite	AB	AB	Kavite	Kavite
3	Birhade Amrapali Anand	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	Deore Sakshi Nimbajirao	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5	Gavit Kalpana Ramesh	AB	Kalpana	Kalpana	Kalpana	Kalpana	AB	Kalpana	Kalpana	Kalpana	Kalpana	Kalpana
6	Girase Trupti Premsing	AB	OTP	OTP	AB	OTP	OTP	AB	AB	OTP	OTP	OTP
7	Jain Poonam Pratapmal	PPJain	PPJain	PPJain	PPJain	PPJain	PPJain	PPJain	PPJain	PPJain	PPJain	PPJain
8	Jaware Goral yogesh	yogesh	yogesh	AB	yogesh	yogesh	AB	yogesh	yogesh	yogesh	yogesh	yogesh
9	Mali Tejaswini Prakash	Tejaswini	AB	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	AB	Tejaswini	Tejaswini	Tejaswini
10	Patil Khushali Nitin	KVP	KVP	KVP	KVP	KVP	AB	KVP	KVP	KVP	KVP	KVP
11	Patil Nayana Rajendra	Nayan	Nayan	Nayan	Nayan	Nayan	Nayan	Nayan	Nayan	Nayan	Nayan	Nayan
12	Gavali Priya Rajendra	Gpriya	Gpriya	AB	AB	Gpriya	Gpriya	Gpriya	Gpriya	AB	Gpriya	Gpriya
13	Pathak Ankita Anant	Pathak	Pathak	Pathak	Pathak	Pathak	Pathak	Pathak	Pathak	Pathak	Pathak	Pathak
14	Patil Gauri SatishChandra	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri
15	Marathe Bhagyashri Sakharam	Bmarathe	Bmarathe	Bmarathe	Bmarathe	Bmarathe	Bmarathe	Bmarathe	Bmarathe	Bmarathe	Bmarathe	Bmarathe
16	Patil Kanchan Kantilal	KKP	KKP	KKP	KKP	KKP	KKP	KKP	A	KKP	KKP	KKP
17	Rajput VrushaliDevi Vijaysing	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput
18	Deore Ganesh Rajendra	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
19	Hake Lahu Namdeo	Lahu	Lahu	Lahu	Lahu	Lahu	Lahu	Lahu	AB	Lahu	Lahu	Lahu
20	Pawar Lina Kiran	LKP	LKP	LKP	LKP	LKP	LKP	LKP	LKP	LKP	LKP	LKP
21	Sabe Divya Satish	SOS	SOS	SOS	SOS	SOS	SOS	SOS	SOS	SOS	SOS	SOS
22	Sonawane Ashvini Amrut	Asonawane	Asonawane	Asonawane	Asonawane	Asonawane	Asonawane	Asonawane	Asonawane	Asonawane	Asonawane	Asonawane
23	Patil Vaishnavi Uday	Vaishnavi	AB	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	AB
24	Solanki Gayatri Jagdish	Sgayatri	Sgayatri	Sgayatri	Sgayatri	Sgayatri	Sgayatri	Sgayatri	Sgayatri	Sgayatri	Sgayatri	Sgayatri
25	Valvi Yamuna Kella	AB	Yamuna	Yamuna	Yamuna	Yamuna	Yamuna	Yamuna	Yamuna	Yamuna	Yamuna	Yamuna
26	Gosavi Chhaya Pandurang	Gchhaya	Gchhaya	Gchhaya	Gchhaya	Gchhaya	Gchhaya	Gchhaya	Gchhaya	Gchhaya	Gchhaya	Gchhaya
27	Kazi Ataurrehman Ejazahmed	Kazi	Kazi	Kazi	Kazi	Kazi	Kazi	Kazi	Kazi	Kazi	Kazi	Kazi
28	Mali Jitendra Prabhakar	Jmali	Jmali	Jmali	Jmali	Jmali	Jmali	Jmali	Jmali	Jmali	Jmali	Jmali

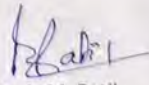

 Miss. P. B. Sonawane
 (Name of Teacher)


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

Year of Course 2021-2022
 Course Name: Understanding Physics using MATLAB
 Students Attendance with signature
 Department of Physics and Electronics

Sr. No	Students Name	Students Signature									
		17/03/22	19/03/22	21/03/22	22/03/22	23/03/22	24/03/22	25/03/22	26/03/22	28/03/22	29/03/22
1	Badgujar Manjusha Sunil	msbdy	msbdy	msbdy	msbdy	msbdy	msbdy	AB	msbdy	msbdy	msbdy
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3	Birhade Amrapali Anand	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	Deore Sakshi Nimbajirao	ALCOX	ALCOX	ALCOX	ALCOX	ALCOX	ALCOX	ALCOX	ALCOX	ALCOX	ALCOX
5	Gavit Kalpana Ramesh	Kalpana	Kalpana	Kalpana	AB	Kalpana	Kalpana	Kalpana	Kalpana	Kalpana	Kalpana
6	Girase Trupti Premsing	AB	GP	AB	GP	GP	GP	GP	GP	GP	GP
7	Jain Poonam Pratapmal	PPJain	PPJain	AB	PPJain	PPJain	PPJain	PPJain	PPJain	PPJain	PPJain
8	Jaware Goral yogesh	Yogesh	AB	Yogesh	Yogesh	Yogesh	AB	Yogesh	Yogesh	AB	Yogesh
9	Mali Tejaswini Prakash	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	AB	Tejaswini	Tejaswini	AB
10	Patil Khushali Nitin	Khushali	Khushali	Khushali	Khushali	Khushali	Khushali	Khushali	Khushali	Khushali	Khushali
11	Patil Nayana Rajendra	Nayana	Nayana	Nayana	Nayana	Nayana	Nayana	Nayana	Nayana	Nayana	Nayana
12	Gavali Priya Rajendra	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya
13	Pathak Ankita Anant	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
14	Patil Gauri SatishChandra	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri
15	Marathe Bhagyashri Sakharan	Bhagyashri	Bhagyashri	Bhagyashri	Bhagyashri	Bhagyashri	Bhagyashri	Bhagyashri	Bhagyashri	Bhagyashri	Bhagyashri
16	Patil Kanchan Kantilal	KKP	KKP	AB	KKP	AB	KKP	KKP	AB	KKP	AB
17	Rajput VrushaliDevi Vijaysing	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput	Rajput
18	Deore Ganesh Rajendra	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	AB	Ganesh	Ganesh
19	Hake Lahu Namdeo	Lahu	Lahu	Lahu	Lahu	Lahu	Lahu	Lahu	Lahu	AB	AB
20	Pawar Lina Kiran	LKP	LKP	LKP	LKP	LKP	LKP	LKP	LKP	LKP	LKP
21	Sabe Divya Satish	SAS	SAS	SAS	SAS	SAS	SAS	SAS	SAS	SAS	SAS
22	Sonawane Ashvini Amrut	Ashvini	Ashvini	Ashvini	Ashvini	Ashvini	Ashvini	Ashvini	Ashvini	Ashvini	Ashvini
23	Patil Vaishnavi Uday	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	AB	Vaishnavi	Vaishnavi	AB	Vaishnavi	Vaishnavi
24	Solanki Gayatri Jagdish	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri
25	Valvi Yamuna Kella	AB	VYK	VYK	VYK	VYK	VYK	VYK	VYK	VYK	VYK
26	Gosavi Chhaya Pandurang	Chhaya	Chhaya	Chhaya	Chhaya	Chhaya	Chhaya	Chhaya	Chhaya	Chhaya	Chhaya
27	Kazi Ataurrehman Ejazahmed	Kazi	Kazi	Kazi	Kazi	Kazi	Kazi	Kazi	Kazi	Kazi	Kazi
28	Mali Jitendra Prabhakar	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali	Mali


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


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

For Office Use only

Application for the Value Added Course – 2021-22 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 as Students for the Understanding physics using MATLAB

B. Marathe

(Name and Signature of the Candidate)

PARTICULAR OF CANDIDATE

1. Name in Full (Surname First) : Marathe Bhagyashri Sakharan
Surname Name Father/Husband Name
2. Address for Correspondence : 12/B B sai samarthanagar,
Karvand Haka, Shirpur
3. Email Id : bhagyashrimarathe11@gmail.com
4. Phone No/Mob.No : 9765636481
5. Father's/Husband Name : Sakharan Hiranjan Kadam.
- 6.
7. Sex(Male/Female) : Female.
8. Nationality : Indian
9. Date of Birth (dd/mm/yy) : 11/08/2000
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 North Maharashtra University, Jalgaon
- c) Name of the college R.C. Patel A.C.S. College, Shirpur
- d) Month and year of passing 2020-21
- e) Subjects studied at graduation (to be filled by students who passed 85c)

Principal subject: physics

Subsidiary subjects: Electronics, Math

- f) Marks obtained (out of total marks) 1600/1800 (88.89).
- g) Particulars of regular examination

Name of the course: Understanding physics using MATLAB

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

12. Presently working (if applicable) No.

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 18/02/2022

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- April -2022

Student Name: Marathe Bhagyashree Sakharam

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

Seat Number: VAC 30-005

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
PHY-01	MATLAB For Physics	TH	50	49
PHY-02	Problems in physics Using MATLAB	PT	50	47

Result: Pass

Marks Obtained: 96

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. Marathe Bhagyashree Sakharam has pursued a value added course and passed the requisite examination held in April-2022 with 0 grade and found duly qualified. This certificate is awarded for successful completion of

Value Added Course in

Understanding physics using MATLAB



Panue

Course Co-ordinator

WPR

Co-ordinator

Deatil

Principal

Certificate No.: 2022/30/005/5



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

Department Computer Science
Value Added Course in **Web Development**



2020-2021

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 of the Value Added Course of Web Development Total Period: - 30 hrs. (Credits: - 02)

Unit I

15 Hours

- 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

15 Hours

- 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

12. Eligibility Criteria : 12th Pass

13. 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: - 2021-2022

Total marks:- 50

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

1. Demonstrate DropDown List box, CheckButtonList, RadioButtonList controls.
2. Demonstrate Databinding using Hashtable, ArrayList, DataTable 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 DataGrid and DataList 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 DataTable objects.

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

Academe year: - 2021-2022

Total marks: - 50

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

16. Create web page using Different Formatting tag.
17. Create Web page with different Images.
18. Create web page using Marquee Tag
19. Create a web page using different List tag.

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

Department of Computer Science

Value Added Course of Web development

Attendance - 2021 - 2022

Sr. No	Name of the Student	9/8/21	10/8/21	11/8/21	12/8/21	13/8/21	14/8/21	15/8/21	16/8/21	17/8/21	18/8/21	19/8/21	20/8/21	21/8/21
1	Deone Khan R	D.K.P	D.K.P	D.K.P	D.K.P	D.K.P	D.K.P	D.K.P	D.K.P	D.K.P	D.K.P	D.K.P	D.K.P	D.K.P
2	Ratli Rachna Soniow	Ray	Ray	Ray	Ray	Ray	Ray	Ray	Ray	Ray	Ray	Ray	Ray	Ray
3	Ratli Pranali Phatu	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali
4	Rawon Riya Nandu	puya	puya	puya	puya	puya	puya	puya	puya	puya	puya	puya	puya	puya
5	Ratli Harshal sunil	P.H.S	P.H.S	P.H.S	P.H.S	P.H.S	P.H.S	P.H.S	P.H.S	P.H.S	P.H.S	P.H.S	P.H.S	P.H.S
6	Ratli Bhushan Arun	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali
7	mail Harshal Shivan	Harali	Harali	Harali	Harali	Harali	Harali	Harali	Harali	Harali	Harali	Harali	Harali	Harali
8	Ratli Nakash Ravindra	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali
9	mail Rutali Nimbo	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali
10	Ratli Sayali Kisher	Ray	Ray	Ray	Ray	Ray	Ray	Ray	Ray	Ray	Ray	Ray	Ray	Ray
11	Ratli Shreyash yagesh	P.S.Y	P.S.Y	P.S.Y	P.S.Y	P.S.Y	P.S.Y	P.S.Y	P.S.Y	P.S.Y	P.S.Y	P.S.Y	P.S.Y	P.S.Y
12	Paiput sujit-mohendra	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran	Ran
13	mail chaitanya Ganesh	Gmail	Gmail	Gmail	Gmail	Gmail	Gmail	Gmail	Gmail	Gmail	Gmail	Gmail	Gmail	Gmail
14	mail sagar kalias	m.s.k	m.s.k	m.s.k	m.s.k	m.s.k	m.s.k	m.s.k	m.s.k	m.s.k	m.s.k	m.s.k	m.s.k	m.s.k
15	Ratli Ashwini Suvoil	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali
16	monalke puja j.	mpj	mpj	mpj	mpj	mpj	mpj	mpj	mpj	mpj	mpj	mpj	mpj	mpj
17	mistori ashwin T.	m.ad	m.ad	m.ad	m.ad	m.ad	m.ad	m.ad	m.ad	m.ad	m.ad	m.ad	m.ad	m.ad
18	Sinar Kernal chandrabai S.k.c	S.k.c	S.k.c	S.k.c	S.k.c	S.k.c	S.k.c	S.k.c	S.k.c	S.k.c	S.k.c	S.k.c	S.k.c	S.k.c
19	Soni Shubham Sanjay	Soni	Soni	Soni	Soni	Soni	Soni	Soni	Soni	Soni	Soni	Soni	Soni	Soni
20	Deshmukh shreyo P	pu	pu	pu	pu	pu	pu	pu	pu	pu	pu	pu	pu	pu


Head of the Department

For Office Use only Application for the Value Added Course - A.Y- 2021-22

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 Pranali Bhatu.

Pranali
(Name and Signature of the Candidate)

PARTICULAR OF CANDIDATE

1. Name in Full (Surname First) : Patil Pranali Bhatu
Surname Name Father/Husband
2. Address for Correspondence : At post, Thalner, Shirpur
3. Email Id : Patilpranali2203@gmail.com.
4. Phone No/Mob.No : 9545077817
5. Father's/Husband Name : Patil Bhatu Kashinath
6. Sex(Male/Female) : Female
8. Nationality : Indian
9. Date of Birth (dd/mm/yy) : 22/03/2002
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	PII	DSP

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



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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- March-2022

Student Name: Patil Paranali Bhatu

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

Seat Number: VAC 32-005

Paper Code	Paper Name	AM	Marks (Max.)	Marks Obtained
CS-03	Web Development	TH	50	46
CS-04	Practical on Web	PR	50	47

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