

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



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 Programing	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:

- 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.
- Almond, P., Clark, I., Treaskis, O. (2004) HRM in multinationals: a comparative international perspective. In: Beardwell, I., Holden, L., Claydon, T. (eds).
- Human Resource Management: A Contemporary Approach, 4th edition. London: FT/Prentice Hall.

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

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

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

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- Apirl-2022

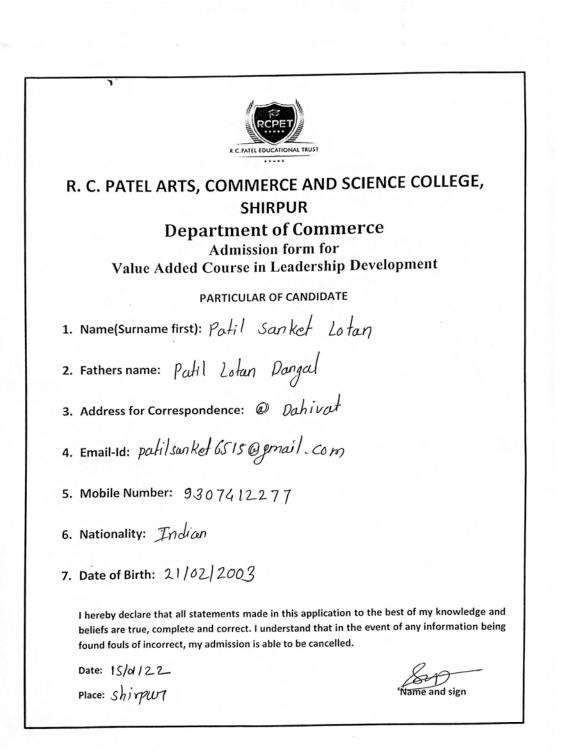
Student Name: Patil Sanket Lotan

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
СОМ-03	Leadership Development	ТН	100	88

Result: Pass	Marks Obtained: 88	Grade: A
	SOLUTION COLLEGE	Yelk ² Co-ordinator
Abbreviations:	Sa * SHIRPUR	
AM: Assessment Methods, J PR: Practical, O: Outstandir	P: Pass, F: Fail, AB: Absent, RR: Result Reseng Grade	rved, TH: Theory,



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

"Leadership Development" <u>Student Attendance</u> <u>A.Y.21-22</u>

Sr. No.	Name of Student	04/12/21	05/12/21	06/12/21	07/12/21	08/12/21		1	12/12/21			15/12/2
1	Patil Sanket Lotan	Sandel	Sould	Sankel	Santell	Carkel-	- Contract	Sanlat	sankel	Smiller	Sarvel	sarke
2	Shimpi Gitanjali Rajendra	athunpi	Chempi	ahimpi	shimpi	shingi	Stant		thursp	com	Shumpi	AD
3	Bhavsar Manasi Yogesh	Manist	Mann	Marin	ne	Manie	Mann	Marin	Many	110	Mansi 1 y sti	Tyall
4	Mali Jyoti Sunil	Typh	JYAH	Jyoti	Jysh	Jyoli	Jyoh	Fyah	Jych	Fyoh Howen		HPOWN
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8.	Mali Vaishali Bhaskar	Arali	VBM2ly	BMall	VAMILI	Bruli		Bhalu	Contraction of the later	1		-
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33	Girase Khushal Mukunda	(FKm	GKM	GRM	GKM	Crism		GKM	GKM	GAM	GILM	Gin
34	Ishi Prerana Manoj	John	Tehi	Telu	Ishi	Jehi	Lehi	Ishi.	Ichi	Ishi.	Ishu	Ichi
35	Jadhav Minal Mahendrasing	Monal	Minal	Minal	AB	Minal	Mina	mind	Minal	Ainal	AB	Mina
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4	6 Mali Krishna Ganesh	Krishae	- Krusha	& Krishne	- Krisha	+ Krib	AB	Rusias		Kright		Hory
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4	18 Mishra Anuradha Narendra	Amism	Haulty	a Amism	Amilton	Hinisha	Amushra	Aprichas	Amishou	Antsha	Amilhia	Hoish
4	19 More Gaurav Vijay	Gato	Gain	- Caul	1Graw-	Gain	Gar	Gaune	Gaul	Gale	Gaut	Guit
5	50 Nikum Rohit Tukaram	Wikam	Tikur	Niku	Nikui	Nikum	Nikum	Jikam	Wikan	Tiken	Wikam	Wiku

Stright Or. S. G. Pingle

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

Fringlas

R.C.Pottel Educational Trust's R.C.Pottel Ariz Course, & Sci. Colwy-Shirper Dist Effects 436 495



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 1
- 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 1

2) शब्द संसाधन के माध्यम से भाषा शब्द भंडार को बढ़ेगा -1

3) पत्रकारिता प्रकाशन विभाग, मुलाखात, तंत्र, सरकारी, निम्न सरकारी एवं निजी क्षेत्रो में रोजगार के अवसर प्राप्त होंगे 1

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 विशेषताएं
- 5. इकाई -- :IV पल्लवन लेखन --:पल्लवन लेखन का महत्व,

17

पल्लवन लेखन की विशेषताएं पल्लवन लेखन के उदाहरण

3) हिंदी व्याकरण एवं अभिव्यक्ती कौशल्य सुनील पानपाटील .डॉ –एवं

6) व्यवहारीक हिंदी व्याकरण -डॉ .नामदेव उतकर चंद्रलोक –प्रकाशन कानपूर

1) वादवास्देव शरण अग्रवाल .डॉ - विवाद-, डायमंड बुक .नई दिल्ली -

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

5) प्रयोजन मूलक हिंदी अतुल प्रकाशन कानपूर - उर्मिला पाटिल .डॉ -

7) हिंदी व्याकरण एवं रचना-विमल सूर्यवंशी.डॉ-पराग प्रकाशन कानपुर

2) वाद श्रद्धा पांडेये - विवाद एवं संभाषण-

गौतम कुवर प्रशांत बुक जलगाव -

संदर्भ ग्रंथ -:

कानपूर

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 अभिव्यक्ती कौशल्य

PERTICULAR OF CANDIDATE

1. Name in Full (Sumame First)	: Mane Himanshy saydagas
2. Father/Husband Name	: STADE Saydagal Jangoodan
3. Mother Name	: Mare Arita Saydagal
4. Address for Correspondence	: Ambikg Nagaz Jarchistuz Dist Phul.
5. Email Id	: monesoso @gmay.com
6. Mob. No	: 8395057753
7. Date of Birth	:47/08/2004
8. Place of Birth	: Shispuz
9. Category	: Open
10. Family Annual Income	: 2,00,000)~
11. Last qualified examination	: STBA
12. Mark Obtained (Out of total marks)	· 768)1200 (64,).)
13. Fathers/Husband Guardian's annual Ir	ncome 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 fouls of incorrect, my admission is able to be cancelled.

15/08/2021 Date Place: Shift ARTS 47

Mone Himonshel Soudaget

	क	ोर्स का न	ामः- भा	षिक अ	भिव्यक्ती	ो कौशल	न्य	
Sr.	V	alue Added	Course St	udent Atte	ndance wit	h Signatu	re	
Sr. No	Student Name			Signature	of Benefici	al 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.	- Topika	Hiky	- kg	- ku	- miky		- k
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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- Apirl-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	тн	100	75

Result: Pass	Marks Obtained: 75	Grade: A
	SCOMM AND SCIEN	421162
Abbreviations:	THAT SHIRTUR	Co-ordinator

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 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: <u>gayatribhavsar11@gmail.com</u>					
Course Convener	Prof. Dr. Mahendra.C.Agale Department of Zoology Mob: 9421898792 Email: <u>drmcagale@gmail.com</u>					

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., Sitting, W &Sketch, D.A.- Fundamental of Biotechnology, VCLPublishers, New York. 1987.

• Spier, R. E. and Griffins, J.B.- Animal Cell Biotechnology, Vol. I&II, Academic Press, Orlande, 1985

• KeshavTrehan- Biotechnology. Wiley Estern Limited, Bangalore, 1990.

• D. B. Tembhare- Techniques in Life Sciences, Himalaya Publishing House.

• T. Poddar, S. Mukhopadhyay, S. K. Das- An Advanced Laboratory Manual Of Zoology, MACMILLAN. • Keith Wilson, John Walker Principles and Techniques of Practical Biochemistry (Wilson, Principles and Techniques of Practical Biochemistry

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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								
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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	ТН	50	42
ELC-01	Experiments	PR	50	48

Co-ordinator
NE CO-OTUMATOR
R: Result Reserved, TH: Theory,
R





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

Unit 1: Introduction to Basic Electronics 1.1 Overview of electronics and its applications 1.2 Basics of electric charge, current, voltage, and resistance	(6 hours)
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, DEM Decoder.	IUX, encoder
4.2 Sequential logic circuits: flip-flops (RS, JK, D, T Flip flops), register	rs (SISO, SIPO,
PISO, PIPO)	
4.3 Counter circuits and their applications: Synchronous Counter, A	synchronous
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 to as Students for the_ Patil Manasi Sharadrao

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(Name and Signature of the Candidate)

PERTICULAR 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/Husbund Name : Patil Sharadrao

33. Sex(Male/Female) :Female

34. Nationality

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

:Indian

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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)

PERTICULAR OF CANDIDATE

46. Name in Full (Surname First) : Patil Mayuri Manohar

47. Address for Correspondence : Shirpur

48. Email Id :mayuri12001@gmail.com

49. Phone No/Mob.No :8082874512

50. Father's/Husbund Name : Patil Manohar

51. Sex(Male/Female) :Female

:Indian

52. Nationality:Indian53. 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

anor Head of Department Department Of Electronics R.C.Patal Arts.Com.& Sci.College Shirper,Dist.Dhule

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Sr. No.	Name	03/09	10/09	17/09	24/09		08/10		22/10	23/10	05/1	12/11	19/11	26/11	03/	10/12	171
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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- Apirl-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	ТН	50	42
ELC-01	Experiments	PR	50	46

Result: Pass	Marks Obtained: 94	Grade: O
	COMMAND SC COLLEGE	WEARE- Co-ordinator
Abbreviations:	SHIRPUL	
AM: Assessment Methods, I PR: Practical, O: Outstandin	P: Pass, F: Fail, AB: Absent, RR: Result Rese g Grade	erved, TH: Theory,





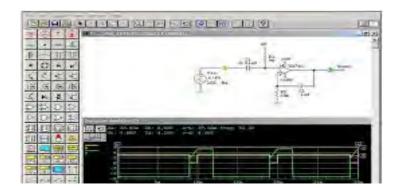
R.C.PATEL ARTS, COMMERCE AND SCIENCE COLLEGE, SHIRPUR

DEAPARTMENT 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: <u>alkeshwar1993@gmail.com</u>

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

- 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

- 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

- 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

- 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).

(09 hrs.)

(07 hrs.)

(07 hrs.)

(07 hrs.)

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

(Name and Signature of the Candidate)

PERTICULAR OF CANDIDATE

10. Name in Full (Surname First) : Patil Dipika Ashok

11. Address for Correspondence : Shirpur

12. Email Id

:patildipika15@gmail.com

- 13. Phone No/Mob.No :9579530693
- 14. Father's/Husbund Name : Patil Ashok
- 15. Sex(Male/Female) :Female

16. Nationality:Indian17. Date of Birth (dd/mm/yy): 23/07/200118. Put the tick () mark(s) in the Appropriate box (es) Applicable in your case

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

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- 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 fouls of incorrect, my admission is able to be cancelled.

Date: 28/08/2021

Place: Shirpur

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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

(Name and Signature of the Candidate)

PERTICULAR OF CANDIDATE

19. Name in Full (Surname First) : Rajput Jyoti Kevalsing

20. Address for Correspondence : Shirpur

- 21. Email Id :itsjkrajput2001@gmail.com
- 22. Phone No/Mob.No :8080265807
- 23. Father's/Husbund Name : Rajput Kevalsing
- 24. Sex(Male/Female) :Female

25. Nationality

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

:Indian

SC	ST	DT	NT-1	NT-2	NT-3	SBC	OBC	Open	PH	DSP
00								1		
	1	P.H:	Physically	Handic	apped ; I	SP :Wa	rd of Def	ence Serv	ice Pers	on

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

Department of Electronics (Physics)

Value Added Course ELE-02 Students List 2021-22

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

Course name: Mastering Modelling and Simulation: Certificate Course Overview

anon Department Of Electronics Head R.C.Patel Arts.Com.& Sci.Cellage Shirper, Dist. Dhule

cs Scanned with CamScanner

Sr. No.	Name	04/9	11/09	18/09	25/09	02/09	09/10	16/30	23/10	30/10	06/11	13/11	20/11	27/1	04/12	11,	18/1
1	Patil Tejal Hitendrasing	Test	FREE	(all)	they	France	(CPOTH)	TRAM	(A)	Reil	-Eggly	an	trainy		12	G12 FIZUK	TIN
2	Patil Dipika Ashok	the	TH	Th	tal	- 40.	the	-th	All		-+11.	the	-+41		they	-	The
3	Tele Asmita Arun	affele	Alere	Allele	difele	Aler	Intiele	the.	estele	stee.	del	Araz	Aloh	true	Aleh	Al	atra
4	Borse Sakshi kailas	tons	tothe	Torse	boese	- Frees	tross	ADRESS	- barg	Arry	these	the	tra	tones.	t	tran	t
5	Rajput Jyoti Kevalsing	Roly	Ref	Refe	Rate	Raft	Roke	Rok	Roft	Rober	RA	RAL	D.A.	Rob	DOL.	Q.D.	00
6	Pawar Vaishnavi Arvind	Akus	Aunt	Nous	Apro	Aque	Have	Abuy	ABuy	ARUN	Aque	Alters	1 April 1	10000	and	Nau	1000
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>	Teli Maryam Shaikh Ayyub	TON	AB	APEX	AN	ATE	AB	ATT	AND	And	ATTA	AB	AB	AA	AB	HA HA	A ME
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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	ТН	50	40
ELC-01	Experiments	PR	50	48

Result: Pass	Marks Obtained: 94	Grade: O
Abbreviations:	STATES AND	6218 Co-ordinator
AM: Assessment Methods, I PR: Practical, O: Outstandir	P: Pass, F: Fail, AB: Absent, RR: Result Reserved Grade	erved, TH: Theory,



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 1
- छात्रो को भाषिक अभिव्यक्ति कौशल्य के प्रकार से अवगत कराना
- अभिव्यक्ती कौशल्यमौखिक अभिव्यक्ती एवं लिखित-अभिव्यक्ति कौशल्य से परिचित कराना
- 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 1
- 2) शब्द संसाधन के माध्यम से भाषा शब्द भंडार को बढ़ेगा -1

3) पत्रकारिता प्रकाशन विभाग, मुलाखात, तंत्र, सरकारी, निम्न सरकारी एवं निजी क्षेत्रो में रोजगार के अवसर प्राप्त होंगे 1

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 विशेषताएं
- इकाई -- :IV पल्लवन लेखन --:पल्लवन लेखन का महत्व, पल्लवन लेखन की विशेषताएं पल्लवन लेखन के उदाहरण

ससंदर्भ ग्रंथ -:

- 1. वादवास्देव शरण अग्रवाल .डॉ विवाद-, डायमंड बुक नई -दिल्ली.
- 2. वाद श्रद्धा पांडेये विवाद एवं संभाषण-
- 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

	a	जेर्स का न	ामः- अ	हेंदी भाषि	क छात्रो ब	के लिए हिं	दी	
		Value Added		udent Atte	ndance wi	th Signatur		
Sr. No	Student Name					ial Student		1.12/0.0021
NQ		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.	Teats	Frank	FRAM	FROM	Thota	(F10)	Trout
2	Patil Krushana S.	Beres	Bus	Gaus	Seres	Secos	Steel	Sheet
3	Pawara Nitesh II.	ther.	the	A	the	07	A	Hr.
4	Gayakwad Mohini G.	Fravale	Frencie	Favar	Havele	France	Gravell.	Gervau
5	Khatik Mosin J.	Atshail	S AShaik	Ashad	Schart	Abliant	Ashait	Appliets
6	Koli Kajal R.	Ber.	BRD.	BER.	DER.	Def.	BR.	BR.
7	Mali Prakash B.	Brali		1.2	Bmilj.	Broali	Broalj_	Broali
8	Pawara Rajesh I.	Bes	Brook	Burg	Ros	Bala	Pure	David
9	Pawara Yogesh T.	Yawaga	Yourg	yaroze	yowago	yourse	yalogs	yourera
10	Rajput Nikita D.	RORE	Roft	Reft	Bat-	Reft	Reft	Raft
11	Savale Jayshri E.	Jawale	Jaavale	Janala	Tearaf	Jegrali	Isavaji	Fryval
12	Pawara Champalal G.	Godi	Padri	apachi	Pachij	Pachy	Grain,	apach,
13	Joshi Vaishali J.	SMOOLUR	SMJOHOR	SPITOLICU	SMIDH	Rism Totlal	15mJOHas	SMTOtter
14	Paul Ketan S.	FISPettl	to feall	roluti	10. Rette	T.D. Rall	r. D. Rottl	t. Photel
15	Pawara Rika S.	Parchag	Parling	Berne	Barcort	Barrow	Rong	Barry
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Cour	Dr. S.M.Pati se Co-ordinator, Depar	l	ANTS.CO.	No. 12		Dr.D.R (Principa	Atel Pati	



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- Apirl-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	ТН	100	90

Result: Pass	Marks Obtained: 90	Grade: O
	A Stability & Comparison	HUG2 Co-ordinator
Abbreviations: AM: Assessment Methods, I	P: Pass, F: Fail, AB: Absent, RR: Result Rese	rved, TH: Theory,
PR: Practical, O: Outstandin		



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 <u>Disaster Management</u> Academic Year - 2021 - 2022 PERTICULAR OF CANDIDATE

1	Name in Full (Surname First)	;	Mali Nisha Amabaji
2	Father/Husband Name	:	Ambaji motilal mali
3	Mother Name	:	suvarnabai mali
4	Address for Correspondence	:	Mali Lane shippur
5	Mob. No.	:	7320223642
6	Email Id	:	nishmali 3642(9) omailcom,
7	Date of Birth	:	261312003
8	Place of Birth	:	Shirpur Dist Dude
9	Category	:	OBC
10	Family Annual Income	:	80,0001-
11	Last qualified examination	:	FYBA
12	Marks obtained (out of total marks)	:	Pdos

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

Date: 1-8-2021

Place: Sh

shinpur

Signature -Name of Student -

Malina. Mali Niduci A.

Value Added Course Dept. Of <u>Defence Studies</u> Year of Course 2021-2022 Course Name:-Disaster Management

Value Added Course Student Attendance with Signature

Sr. No.	Student Name	16/6/2021	11/0/2021	Signature (16/8/2021	19/8/2021	1 Student	31/8/2021	11/6/2021
1	Mali Nisha	milino	maino	nuint	Want	VILLAS	Wills	redin
2	Abbull' Prime April Reported	Asonth.	Arontes.	-Araose	Areweld.	Auren		Analy
3	Toi magicun Badan	march	Mercia	migai	inferm	Acust	Derein	Mori
4	Thered Vicibar	Thorntym		Thouday	Thoras	Though	Inector	fut
5	Bonse Prysthi	Posse	Bot 10	Boase	Dosse.	Dogje	Bock	Dost
6	Sonowone Thanshai Gokal	8:5	8:3	Gis	8:3	Gis	A:-S	63.5
7	simpi payal nitendary	Sinp-	Simpi	-Strep	Sirver		Sirpi	simpi
8	Tinjani Hoby Pishpah	S. Marter	ame	april	april	aprove	Sprant	an
9	Tatil Loomen	Deade	apat	Opal	(bpat	Gral	apad	Pot
10	Babual Babual	Q-5g	Res	Bes	Darse	Sister	2nº	1 th
11	Bhave Bha	D.V.B	B.V.B	B.V.B	B.V.B	B.V.B	B.V.B	B.V.B
12		MRP	MRP	MEP	Mep	MRP	MRP	met
13	More Biners	Print	me	mo	Mis	m	mas	pro
14	Mahan Kinans	nemó	meinh	ทะาทก	neing	minut	MING	mun
15	pahl laspaho	Que	Grant	Grab	(pub)	Gruh	Guli	Quali
16	Palit Nandini	Nopali-	BRadia:	Nerdil:	Nepatie:	Nspatie:	Nati	Aspati
17	vikas	Aile	filse	alle	- Alts	Tites	Hille	-th
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n	Ahire shree	P_	P	R	P	R-	P	R

Coordinate Dr.R.S.pawar

reate 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- Apirl-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	тн	50	40
DEF-01	Gractical Work EDUCATIO	N.PTL	T50U	ST45

and Victoria and A manifest as

Result: Pass	Marks Obtained: 85	Grade: A
	SCOMMAND CO	Walker
Abbreviations:	HIN SHIRPUR	Co-ordinator
AM: Assessment Methods, I PR: Practical, O: Outstandin	P: Pass, F: Fail, AB: Absent, RR: Result Rese	erved, TH: Theory,



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 द्स.या भाषेत साहित्य तथा लिखित संहितांचे रुपांतर करणे-
- माध्यमांतील भाषाव्यवहाराचे ज्ञान होणे.
- अनुवाद कौशल्य आत्मसात करणे.

घटक विश्लेषण

घटक	घटकाचे नाव	अभ्यासक्रम (Syllabus)	तासिका
क्रमांक	(ChapterName)		Teaching) (Hours
8	भाषांतर स्वरूप आणि	भाषांतर म्हणजे काय	१०
	इतिहास	भाषांतराचे स्वरूप	
		भाषांतराचे प्रकार	
		अ) अनुवाद	
		आ भाषांतर	
		इतर अनुवाद	
		भाषांतराची आवश्यकता	
ર	विविध माध्यमे	माध्यमे म्हणजे काय?	१०
		माध्यमांचे प्रकार	
		वृत्तपत्र	
		दूरदर्शन	
		वृत्तपत्र	

Ş	माध्यमातील भाषांतर	माध्यमातील भाषांतराचे स्वरुप	83
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संदर्भ ग्रंथ

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- 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	тн	100	ST ₈₃

Result: Pass

Marks Obtained: 83

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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 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: 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 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-DifferentialEquations in Physics

Unit II: Integral Calculus

Finite sums- Limits of finite sums-Definite integrals-Integration of functions-Fundamentaltheorem 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 andvolume 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

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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- 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	ТН	- 50	40
MATH-04	Basic Mathematics	PR	50	48

Result: Pass	Marks Obtained: 88	Grade: A
Abbreviations:	COMMAND SC COLLEGE	44B2 Co-ordinator
AM: Assessment Methods, PR: Practical, O: Outstandin	P: Pass, F: Fail, AB: Absent, RR: Result Reseng Grade	rved, TH: Theory,



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

- \checkmark Students can start small scale industry of Mushroom cultivation.
- \checkmark 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 bisporous), 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. Tewan 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

Application for the Value Added Course -For Office Use only A.Y-2011-2019 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 curse on Mushroom Tech Pajput philavi ambalal (Name and Signature of the Candidate) PERTICULAR OF CANDIDATE Rajput Pallavi Ambalal Surname Name Father/Husbund 1. Name in Full (Surname First) Name 2. Address for Correspondence : At p.t vathode Tal. shirpyr Dist. Dhele : Pallavi R 19@gmail.com 3. Email Id : #7030092606 4. Phone No/Mob. No : Ambalaquel bhimsing Rajput 5. Father's/Husband Name 6. : Female 7. Sex(Male/Female) : Indian 8. Nationality Date of Birth (dd/mm/yy) : 19-6-192000
 Put the tick () mark(s) in the Appropriate box (es) Applicable in your case NT-2 NT-3 SBC DSP OBC Open PH ST DT **NT-1** SC 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

Name	Dater	Sign 08	19108	23/081	24108	25/081
Rajput Pallavi A.	RPA	RPA		PPA	PPA	
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A Miss.Patil Sapana T.

Coordinator

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Head of Department

Dr.D.R.Patill

Principal



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- Apirl-2022

Student Name: Rajput Pallavi Ambalal

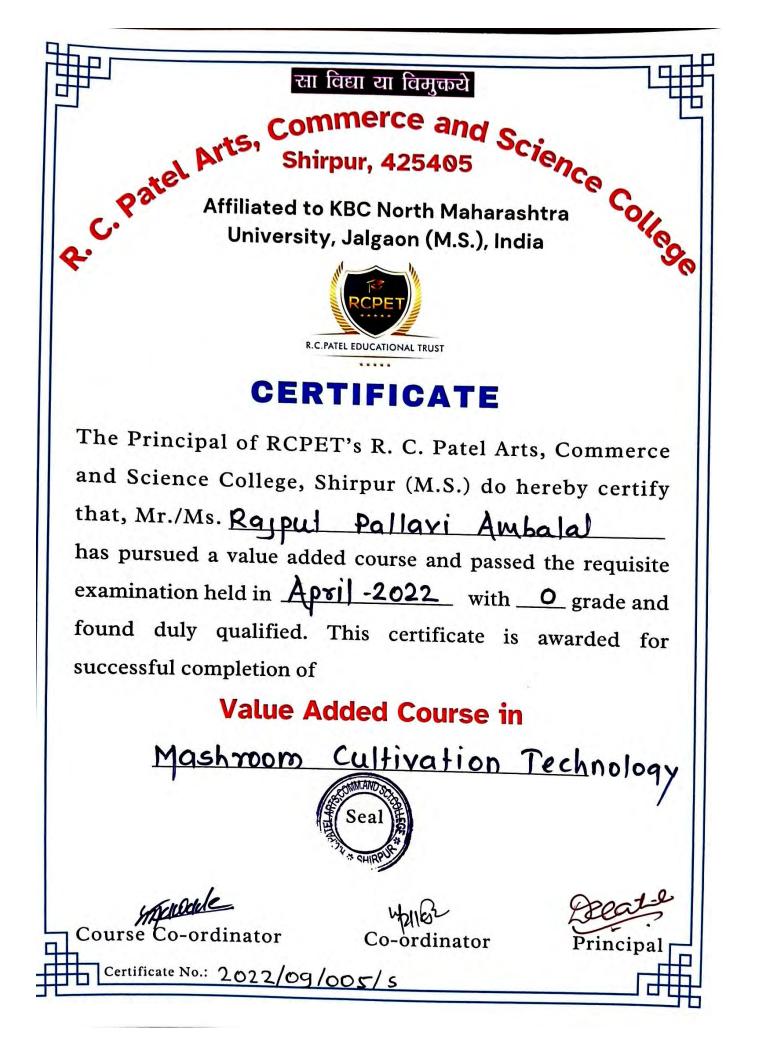
College Name: R.C.Patel Arts Commerce and Science College, Shirpur

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
	ESCONMAND SC COLLEGE	Well Co-ordinator
Abbreviations:	Sat SHIRPUR	

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



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

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

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Year of Course 2021-2022

Course Name: - Value Added Course on Herbal Cosmetics

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3	Bhosale Pawan B.	Blaum	-	Brauns	Braum	Blaume	Brains
4	Borase Asmita R.	BAR	B.AR_	BAR		BAR	B.A.B.
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6	Girase Jayesh R.	Gayest		Grayed	Gravest	GALLER	
7	Dusane Kartik S.	DKg	PKS	DKS	DAS	Diks	DKS
8	Mali Pankaj V.	MRU	MRIA	MBIS	MRY		MRA
9	Joshi Mohini A.	Mohini	Mohini	Mohin	Mohin	Mohini	
10	Patil Sejal V.	Patilsv	1.000	Parilsv		Parisv	Pahilsv
11	Bagal Harshada R.	BR	BR		BR	BR	BR
12	ChaudhariI Sayali R.	CSR	CSR	CSR	SK		CSK
13	Mahajan Ankita S.	MAS	MAS	MAS		MAS	
14	Patil Varsha T.	Patilu	Pahlu		Patilu	Palily	Pahil
15	Dhangar Monal N.	DMN	1	DMN		DMN	Dmn
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17	Chavhan Chaitali R.	CCK	CCR	CCR	1.070.0	CCR	CCR
18	Badgujar Devyani S.	Bals		Bals	Bdg	Bals	Bdg
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Students Attendance with signature

23	Koli Bhumika S.	KB	KB	KB	KB	KR	
24	Chaudhari Harshal R.	CIR	CHR	CHR	CIR		CHR
25	Dhangar Vijay R.	DVE	GIT	DUS		DUP	DVR
26	Dhivare Virendra K.	DK	DK		DK	Ok	TK
27	Dorik Karishma T.	DKT		DICT	DICT		DKT
28	Shinde Yogita J.	.841	847	815	-815	-847	
29	Shirsath Ashwin V.		RB	GA	1	BR	SP
30	Girase Darshana K	Crelte	Grdk	Gdle	Galle	Gale	
31	Girase Kalyansing B.	GIKB	GKB	000	GKB	GUB	GKR
32	Girase Rani J.	GP	GR	GP	GP		GR
33	More Harshal D.	MAD	MAD	MAD		MAD	MD
34	Nikam Bhavishya S.	NBS	NBS		NBS	NBS	NBS
35	Thorat Vishal D.	TD	1000	TO	TO	TO	TY
36	Panpatil Anuja M.	Rn	Rn	Br	Rn	Bn	BA
37	Panpatil Pavaba S.	PPS		PPS	PPS	PRS	PPS
38	Sonawane Uday R.	SUR	SUR	SUR	SUR	SUR	SUR
39	Syryawanshi Priya V.	.FV	SV	51	5V	51/	SV

Mrs. Tawade S.M.

Coordinator

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Mrs.Shelke V.S Head of Department

Dr.D.R.Patill

Principal



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

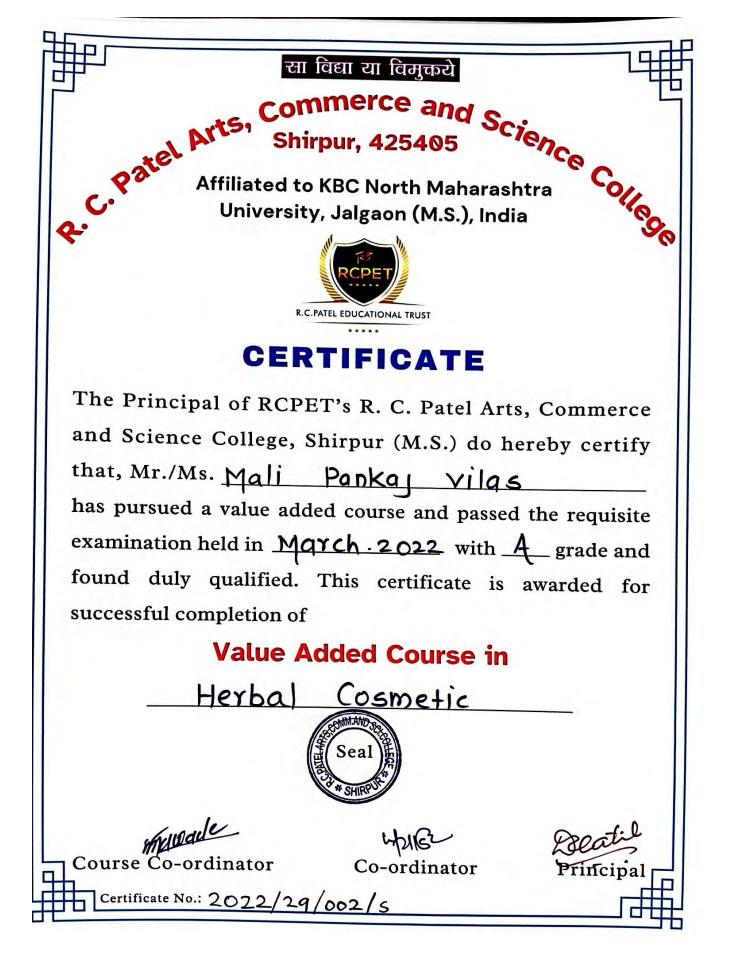
Student Name: Mali Pankaj Vilas

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	ТН	50	40
BOT-02	Herbal Cosmetic	PR	50	46

Result: Pass	Marks Obtained: 86	Grade: A
	SCOMMAND SCIENT	wanez
Abbreviations:	AJJA * SHIRPUR	Co-ordinator



Course code	Course Title	Hours		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

1.1 What is Politics?

1.2 Different Approaches to Understand Politics

II. Centrality of State

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

3.1 How State is different from Nation?

3.2 Debates in Nation and Nationalism

Reference:

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- 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	10/2/2	1717221	2017/2	301712	31/2/21	5/8/21	615/24	715/21	1515/21	201812	21/8/24	21970	31912	419/2
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Dr.R.R.Vasave

Head Department

Dr.D.R.Patil Principal

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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- 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	ТН	100	84

 Result: Pass
 Marks Obtained: 84
 Grade: A

 July
 July
 July

 Abbreviations:
 SHIPPUT

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



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

Department of 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

- 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

- 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,



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

	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sr. No	Students Name	6/11/22	THING	glille	20/122	2111/2	or lite	34202	8 1222	stalaat	1712/2	13/2/20	13/2/24	213/02	14	13th
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Dr.R.R.Vasave Head Department

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r.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)

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

Student Name Name of the College	 Jadhav Dipak Mahesh 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		1-2	
# VAD-102	Introduction to Indian Constitution	02	TH	83	100	A

Result: Pass Grade: 'A'

GROUSIN 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	0	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)

and the second	: Jadhav Dipak Mahesh					
Student Name	 : Jadhav Dipak Mahesh : R. C. Patel Arts, Commerce & Science College,					
Name of the College	Shirpur					

: 07

Roll number

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

Result: Pass Grade: 'A'

Co-ordinator (Dr R.R.Vasave)

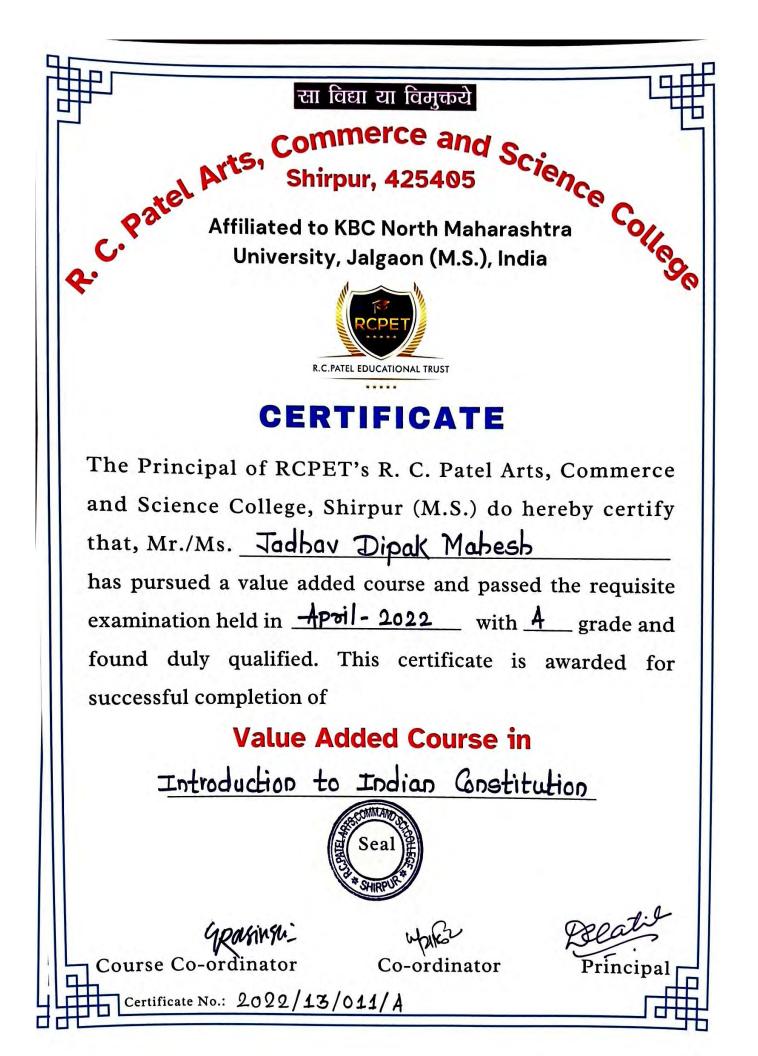


Principal

(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	0	A	B	C	D	F





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- Apirl-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	ТН	100	83

R.C.PATEL EDUCATIONAL TRUST

 Result: Pass
 Marks Obtained: 83
 Grade: A

 Abbreviations:
 Image: A mean of the second seco



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

	Mr.C.A.Bhavsar Department of Mathematics
Course Coordinator	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

	RCRET	R.C	C. Patel E C. Pate our, Dist – AC Accredit	Arts,	, Com	merce	and S	cience	e Colle	ege
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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			Stude	ent Sign			
		5/7/21	12/1/21	19/7/21	2/7/4	2/8/21	9/8/2	123/81
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16.	pawar Raving rubhash	Rowin	Raving	1.4	Rawine	and a	Ranin	1
17.	shaindane indya santoch	Tidyo	Vidya		Vielye	Tidge	Tilya	
18.	shikkar shubhum	Sullow	111 -		Shiphen	Shulken	11	Shubba
19.	Phoisapha kailash	BKailch	Bkailes	Bkailark	Bkailal		Bliarley	Blinda
20.	Chaudhavi Neha Sudam	Mart	Dube	Dubu	Nation	Dube		Dubar
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Co-ordinator Prof. R.P. Mahajan

0 PFC

Principal Dr.D.R.Patil



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- Apirl-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	ТН	50	48
MATH-04	Vadic Mathematics	IO PR	50	43

 Result: Pass
 Marks Obtained: 91
 Grade: O

 Abbreviations:
 Marks Obtained: 91
 Grade: O

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



Value Added course In

Environmental Ethics Water Resource, Management, Water Pollution and Health

COLLABORATIVELY RUN BY

DEPARTMENT OF ZOOLOGY AND ENVIROMENTAL STUDIES



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: <u>vandana2119@gmail.com</u>
Course Convener	Prof. Dr. Mahendra.C.Agale Department of Zoology Mob: 9421898792 Email: <u>drmcagale@gmail.com</u>
Course Convener	Prof. Dr. H.B.Patil Department of Physics Email:hbpatil7@gmail.com

A.Y-2021-22

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:

- o Distinguish between renewable and non-renewable resources.
- o 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.
- o Explore practical solutions for sustainable resource management.

o Investigate environmental practices specific to Goa.

3. Ethical Considerations:

o 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.
- o Analyses real-world scenarios related to pollution and resource management.

2. Hands-On Projects:

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

3. Guest Lectures and Workshops:

o 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

Department of Zoology

Year: 2021-22

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

Students Attendance

Sr.	Students Name			Stud	lents Signa	ture		
No.	Students Name	17/8/21	18/8/21	20/8/21	2118/21	23/8/2)	24/8/21	2516121
1.	Mali Vaichnari Sitaulu.	Imale	Imals	Inorall	1 mal	Inde	mal	Imeli
2.	Mali Yogita R.	Mali	Winde	Mali	Mili	mali	Male	Wale
3.	Patil kinjal sunil	Run	Run	(Per-	Rem	En-	(De-	Pm-
4.	Patil Poryanka Ani	Pripate	Pipal	Pripate	Pripato	Pripata	Pripal	Paipay
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7.	Alman Renuera B	R.B.N.tur				R.B.Nikon		
8.	Pagare Anjali vijay	ANP	A.U.P	A.V.P	A.V.P.	A.V.P.	A.V.P	A.V.P
9.	Patil Vasundhora.	PVSP	VSP	Vop	Vesp	Ver	Vesp	V8p
10.	manatte Neha Nandia			Montate		Mahalle	antrat	
11.	Padil Kinjal sunil	Kam	Kam	Jan	(ku-	then.	tau	Kan
12.	Maik Robini ratia	R. R. NUK		R.R. HOUK	K.R. Halk	R.R. Nalk	10	10
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	Dr. Vandana Patil	Dr	. M.C.Agale			Dr. D.R		
	Co-ordinator		HOD			Princi	pal	

Department of Zoology

Year: 2021-22

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

Students Attendance

Sr.	and the Maria			Stud	ents Signa	ture		
No.	Students Name	119/21	29121	99121	419,121	619121	Fight	11/9/21
1.	Mali Yogita R.	Mali	Mulie	Male	Muli	Mali	Muli	Marine
2.	Pagare UAnjali Vijay	A.U.P.	ANP	A.V.P .:	A.V.P.	ANLE	A.V.L.	A.V.P.
3.	Patil Priyanka Ani padil kinjal sunil	Bipatel:	Pripute	Keh	Ren	Bipati	Pripatel	Palate
s.	Moratte Neha Nandlal.		Masalle		Manate		Monatte	
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Dr. Vandana Patil Co-ordinator

Dr. M.C.Agale HOD

Dr. D.R.Patil Principal

Department of Zoology

3

Year: 2021-22

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

Students Attendance

Cr				Stud	lents Signa	iture		
Sr. No.	Students Name	10/11/22	11/1/22	12/11/22	1311122	14/1/22	15/1/22	1711/22
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4.	Roussa Kavita Ramesh	Karok	Kunt	Koup R.	Ko-K.	Kank.	Bipadi	Pripate
5.	Rate Psinyanka Ani	Pripate	Bipate	Bapate	R.B. Nilew	R.B. Nikur	R.B.Nikur	R.B.Nikun
5.	Nikam Kenuka B.	0100	1.00	VSD	180	VSP	N80	VSP
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Dr. Vandana Patil

Co-ordinator

Dr. M.C.Agale HOD

Principal

Department of Zoology

Year: 2021-22

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

Students Attendance

				Stud	ents Signa	ture		
Sr. No.	Students Name	7/2/22	8/2/22	812122	16/2122	11/2122	2/2/22	14/2/2
1.	Mul: Yogita R	ilall	Mili	Meili	Mali	Mali	Mali	Mali
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19.	Powra Kawita Ramel		Kauff	Kauto	Raw A.	Kaute	THOM	Max

Dr. Vandana Patif

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Dr. M.C.Agale HOD

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Dr. D. B. Patil Principal

Co-ordinator

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	1.00		Da	te and Si	gn		
		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	ANSUKda	ASUNIDA	Ausykda	Asukda	Agukda	<u>AUGUKda</u>	Rusulda
2.	BAGWAN SAHIL YUSUF	De	Du	D	(P)	Se	En	Fin
3.	BAMANE ANKIT KALUSING	Barund	Barray	Bisind	Bakus	Bohry	Bhum	Dans
4.	BANJARA ARVIND HIRALAL	ABaryices	Alanjara	ABaija	ABriziata	ABanjarq	ABaijara	ABargaco
5.	BANJARA GANESH SARDAR	Æ	P	R	A	F	P	9
6.	BANJARA GIRISH ASHOK	Brujas	Banjan	Franças	Conjara	Eparipar	Courjano	Bonja
7.	BANJARA MAYUR YUVRAJ	R	f	£	B	B	£	£
8.	BANJARA OM SHRAVAN	3	B	\$	\$	B	¥	B
9.	BANJARA RINKU MAHADU	Ð	B	Q	P	P	Q	Ø
10.	BANJARA SHUBHAM KAHARU	Subtan	Tabler	huthan	Tantian	musham	Tabhay	Tantho
11.	BANKAR ANIKET MANOJ	BA:M	BAIM	BAT	B.A.M	B.A.M	B.A.M	B.A.M
12.	BARELA SANJAY PUTTYA	Z	By	B	B	By	De j	and
13.	BARI KRUSHNA	BKRUSAA	BKRUNG	BKRUSHA	BKorusha	BKRUSK	BKAashn	BKASH

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21.	BHIL PREMARAJ BALIRAM	Fren	Rem	Them	Then	Frem	Teem	Frem
22.	BHIL RENUKA DILIP	Renuta	Beruk	Beruh	Peruho	Rouka	Peruka	Renut
23.	BHIL SAMADHAN MOTIRAM	B	S.	B	B	Br	8	B
24.	BHIL VILAS ASHOK	KB	YB	VB	YB	YB	VB	VB
25.	BHOI DIPALI SANTOSH	D.S.B.	DS.B.	D.S.B	D.S.B	D.S.B.	D.S.B.	DISB
26.	BHOI DIPALI SURESH	Bhai			Bhai	-		
27.	BHOI DIVYA SUBHASH	Durya	Davya	Duya	Dig	Dunga	Diayon	Dinga
28.	BHOI ROHIT SUKDEV	B	Re	Rs	Res	RS	B	B
29.	BHONGE VISHAL SANAJY	Brishal	Brishal	Bistal	Brishau	Brishal	Standal	Booka
30.	BORSE BHATESING	Borse	BBotse	BBore	BBoese	BBoase	Bose	BBorse

	MADHUKAR							
31.	BORSE PAVAN NANDLAL	Paros	Porse	Boose	Bense	forse	Bense	pose
32.	BUVA RAJ VIJAY	Raj	Raj	Raj	Ray	Rey	Raj	Raj
33.	CHAMBHAR GOPAL SANTOSH	ilos	Cas	cos	Eles	Cas	Class	662
34.	CHAMBHAR RAKESH DEELIP	(D)	-QQ	Ø	B	æ	æ	B
35.	CHARAN RAJESH VISHNU	Richart	Ruchan	Ruchan	Ruchan	perchan	Richard	RACTOR
36.	CHAUDHARI AMOL JAGANNATH	(Admin)	(Dero)	(Auro)	CArvel	Churl	(Anu)	(Ano)
37.	CHAUDHARI SACHIN SANTOSH	Sachin	Sachin	Sath	Sachin	Sachin	Saction	Sochin
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43.	DHANGAR VARSHA JAGDISH	D.V.J	DNJ	D.V.J	D.V. 5	D.v.T	9.V.J	D.V.J
44.	GAVHANE POONAM RAJENDRA	Daum	Paran	Derwind	De more	Anare	Barine	Barrene
45.	GIRASE JAYESH MAHARU	Æ	The	H.	FZ	R	Ð.	E.
46.	GIRASE SIMA VIJAYSING	F	R	Q	A	P	F	R

47.	GIRASE SWITA RAJENDRASING	SA Tak	Sparse	Sairad	Garry	Senard	57.84	samo
48.	GOPAL ASHOK BABULAL	GB	12	GB	6AB	B	GB	(13)
49,	GOSAVI VAIBILAV ARUN	GaRNI	Crosnui	GOSAVI	GOSAVI	Gosavi	GOSAVI	GOSANI
50.	GURAV HARSHADA PRAVIN	1Ptourol	(Retored	HCMORN	AP Garden	HP CRUM	HPCALLAN	HPLEWA
51.	ISHI EKANATH ANIL	es	es	es	21s	es	ek	elz
52.	JADHAV DIPAK MAMRAJ	Data	Datu	Dalle	Bally		Djudha	Bulh
53.	JADHAV KAJAL BHAGWANSING	13	KBj	K\$)	KBj	KBj	KBJ	KBj
54.	JADHAV LAXMAN VITHHAL	Windle	Wadh	1 Lidha	Lypda	Lynder	Lyndrau	Lyadu
55.	JADHAV MAYURI MAHENDRASING	J.m.M	J.m.M.	J.m.n	IMM	JMM	JMM	JWM
56.	JADHAV PRATIMA JITENDRA	TRUA	Fatab	1 0,04	tentin	Fan	(tern.
57.	JADHAV PURANDAS UKHA	Tunanda	ו ומימושי	1 uradles	Tarreds	Inardes	tunda	Turada
58.	JADHAV VAIBHAV VIJAY	yndim	Yadhu	yadm	vpdu	v Yadur	Vpdum	Aprel
59.	JADHAV VISHAL BHARATSING	J.V.B				J.V. B	J.V.B	J.v.13
60.	KADHARE JAGDISH AMBAR	Kharle	+ front	Wandle	Kland	+ Usul	A fronth	plant
61.	KADHARE RUPALI DADABHAI	FPD	KPD			KPD	1200	KPD
62.	KARANKAI, RAM RAGHO	Pan	T-am .	1 am	Pam	Fam	Fam	tam
63.	KHAIRNAR GANESH ANIL	Br	Ros	15/1	-Br	Rh	(Bras	65

64.	KHAIRNAR PUJA DHANRAJ	42P	VOR	4.25		XIX		
65.	KHAIRNAR RAJVANTI PRAKASH	Kainner	katthe	" parse				
66.	KHATIK DANISH JAKIR	thatie	Khesti	* photix	Khatt	+ batik	Kinth	that
67.	KHATIK FAIZAN HAROON	EF	R	EFR	FFT	AP.	Æ	EA
68.	KOLI ARUN BHAGWAN	ABRONI	ABKOli	Mokoli	percoli	OrBroli	PEKoli	MB(co)
69.	KOLI DIPRAJ PRAVIN	DKoli.	pholi	Pkoli	pholi	Dkel:	D koli	Dkeli.
70.	KOLI GAURAV AASARAM	460	K GO	K60	KGO	YEP	KCA	KGOA
71.	KOLI HARSHAL SHAMRAO	(H)	END	FAD	EAR	EN		
72.	KOLI HEMANT KANTILAL	FHENONT	+ Heman	effect			KHannt	
73.	KOLI KAVITA MOHAN	K/KO/i	Klesti	Kkoli	* toli	<i>t</i> xoli	rekoli	retealt
74.	KOLI NANDINIBEN SUNILBHAI	K445	KHS	KHS	KANS	KHS	KLIZ	KAU
75.	KOLI NIKITA MANGAL	(Neor;	Poli	Etoli	Deoli	Etroli (Fikoli	Ettoli
76.	KOLI NILESH JAGANNATH	HHroli	HAKO	HNKOli	rtkoli	HHKOIi	Attel:	HNKO);
77.	KOLI NILESH SUNIL	(KOli	rteoli	5461	Hroli	Heli	rkoli	r koli
78.	KOLI NITU BHATU	KHB	KHB	HHB	KNB	KHB	KHB	KHB
79.	KOLI PANKAJ CHADRAKANT	Kalont	Kelmit	+ thank	Killon	Kelunda	Keladu	Kelmin
80.	KOLI RAJESH PANDURANG	Kolip	Kolir	FOLTP	Rolip	Kolip	Kolip	Kdip

81.	KOLI RAVSAHEB RAJU	voliez			100000000000000000000000000000000000000			ledia
82.	KOLI SALONI EKANATH	whise						the see
83.	PARADHI VIKI RATAN	preadu	parent	v Paredi	hood	v Recen	Passes	keeder
84.	PARADKE YOGESH FULAЛ	YFP.	ylp	yfg	yfg	Yg	27	XIE
85.	PATHAN MAHEK YUSUFKHAN	Mypalt	moret	MAL	MYI	Mypub	IMYE	Myput
86.	PATIL ANJALI ARVIND	Patil Aming	BatilAnij	Rahildry.	Pable	Rati Up	Pohilly	Parlas
87.	PATIL BHAVESH GUNWANT	PBG	PBG	Pag	PBG	Phi	204	pess
88.	PATIL GAYATRI SHARAD	are	asf.	Cost	GJC	Cap	list.	C.
89.	PATIL HARSHADA CHANDRAKANT	Pahlete	Palle	Petilla	epitabe	fabilitie	Rellie	Farle
90.	PATIL JOGESHWARI RAVINDRA	JRPal	H JRON	JRpd	JR Jeat	IRfal	tTR Jak	repub
91.	PATIL NISHA DIPAK	uppeli	Nopi	Notept	Molali	KORK	APGR	No RE
92.	PATIL PRAFULLA SUNIL	PSpili	PSpati	1 Pspat	pspal	PS2-G	PSA-4	psel
93.	PATIL RAHUL SHIVAJI	notali	condi	notat	lastel	beed	1 refet	To fak
94.	PATIL RUPALI BHANUDAS	RBPaci	RBPI	eng.	RB3		1	n
95.	PATIL VRUSHALI DNYANESHWAR	appoint a	IDRAI	monst	Anoald	mopili	MADOTS	and wet

H.C

Environmental Studies



				I	Date and Sig	gn		
Sr.No	Students Name	05/09/22	06/09/22	07/09/22	08/09/22	9/09/22	11/09/22	12/09/22
96	AHIRE PRAGATI SOMANATH	ARS	APS	APS	APS	APS	APS	APS
97	BAISANE TUSHAR SANJAY	grigenes	Baisans	Brugary	Bardene	Brisony	Brisons	Baisans
98	BANJARA GANESH MADAN	GMadas	Galadon	GMadan	GNates	GNadon	(alred as	Gottado
99	10000	Q.	P.	On	Qu	@	6-	6-
100	and a straight of the straight	Gokay	Gorey	GORLY	Goty	Cokey	Gotal	Gerey
101		B	Q		13	B	10	0
102		A	2	R	-0-	DQ	0	0
103		BINIR	B.N.R	-	-	BNR	BUR	BINR
	BHIL PANDHARINATH			BINIR	B.N.R	-	-	
104		D	B	<u></u>	Q	R	R	Q
105	BHOI AKASHDEEP SANJAY	Oprici	OBroj	Petcy	(DEto)	(ABro)	(apple)	(Doroj
106	BORASE CHETAN GOKUL	Dock	- Begury	kul	Sin	an	au	the
107	BORASE ROHIT SHIVAJI	Theen	READ	280	RAD	888	DER	920
	BRAHMNE UMESH	A0 .	B.0	BU	BIU	Bin	Biu	m.6
108	BHAGWAN	Bhaques	Baghwai		Bhaywa		BLOGYAN	Bhogi
	CHAVAN NANDINI	B. H	3.0	Biu	PCN		chora.r	CLOVOT
109	RAJENDRA	Rhogion	Bhagway	Phoque	Rojerty	Clover) Fajerch	Rajud.	Rojed
110	CHAVAN VAIBHAV SANJAY	Venusa			VSChurch	Usthave	Uschen	Orcha.
111	DHANGAR DINESH BAPU	Phanel	DBahu	DBMin	DBahan	2BO had	Behring	18 Jul
112	DHANGAR KUNAL ASHOK	Kentherel	Kachenge	EAShine	KADhu	KA Dhu	RADIN	KROhu
113	DHANGAR NITIN RAVINDRA	Mar	NE	NO	180-	NE	NBP	NAD
114	DHANGAR RAHUL SANJAY	Realing	Dowy	RSame	Rohue	Plane	Round	Row
115	DHOLE PRASHANT NARENDRA	Pphale	Panet	Panel	Pohota	Pahule	- Popule	land
116		Dan 1	Mabull	INAL .	1hA.u.	JA Gayes	TAIRA.4	IA
117	GAYKWAD SONIYA FULSING	HA	Mar	- bolan	-AG	Lite	ble	Olk
11/	010 4 6 5 1 14 14 4 TI	1). Girage	6.6.40	U.Gina	1. (1)	1. 6.	1.1	1.1.
118	SUDAMSING	Vicinage	0.4.00	UNAMAR	O Girare	U. Grase	6. Giai	Ulivas
119		Rapu	Racaul	RCyolul	Raugul	Projet	RGAN	Plat.D.
120	GOSAVI BHAGYASHRI BHATUGIR	Pal	BE	Bl	BL	BG	BC	BG
121	HAJARE RAHUL VISHAL	Ren	Rohm	Rappet -	Rabut	Rabars	Rahas	Rahm
	HORE YOGESH			VTHOR	Con t		- 1000	Contraction of the second
122	TULSHIRAM	YTHOR	YTflee	1111000	YTHORE	THUR	YTHONE	YTHORE
123	JAMADAR ARSHAD SHE SALIM	Ag	RSF	BSF .	AST	AST	AST	AST
124	JARANDE MANGAL BAPU	PMKolana	RMKNall	RMprulo	BMEHIN	In love	RAL	Am
125	KHAIRNAR ANIL NAMDEO	ANCUN	ALVIL	Mikul	ANTAN	Adlas	MUS	AN WIN
125	KHATIK NAZMEENBANO	1.11	1 yenne	111.	Multime	10 yran	Atres	al value
126	HUSNODDIN	PHR	NHK	NHK	NHUR	NHK	NHR	NHR
127	KOLI ASHWINI PRAKSH	Pladel	ARdull	Revence	Alluns	Dechan	APraile	ARKaul
128	KOLI BHUSHAN KAILAS	DE1	Afren 1	May 1	Ruh	Skali	Chang!	B.K.
129	KOLI BHUSHAN SHANTARAM	Bskudi	Bbkali	BBRuh	Blike	Baller	Phonel	BAL
130	KOLI CHETNA PITAMBAR	1140	100	Allin	AT	1211	-	R.V.

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31 KOLI CHHABILAL ASHOK ALCLI ALCLI <th></th>										
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31 KOLI CHHABILAL ASHOK ALCLI ALCLI <th></th>										
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KOLI MANOHAR M. M.L. M.M. (Mell Mell) Mell Mell <td>131</td> <td>KOLI CHHABILAL ASHOK</td> <td>grein</td> <td>(A KOLI</td> <td>620</td> <td>had</td> <td>Del</td> <td>Die</td> <td>Tech</td> <td></td>	131	KOLI CHHABILAL ASHOK	grein	(A KOLI	620	had	Del	Die	Tech	
33 SADSHIV PRAKASH NK Image: State of the st	132		and .	and	COIN	(Aco)	marit	Milled	melle	
284 KOLI PRAVINA PRANDASH VILL OF ALL ANT BHAIDAS VILL ANT BHAIDAS VILL ANT BHAIDAS			Makele	NAVSU 1	Mony	my	010	100	NOR,	
44 NOLL PRASHANT BHAIDAS Alexan	133	SADASHIV	NOUA	KIOK A	MOK	NPR	NORA	600	12h.st	
1 NOLIPRAVIN PRIVAL	134	KOLI NIKITA PRAKASH	D. Cont	Polito	Bhot	Rat	BRIE	Prec	E	
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38 ROLISUNIL RAJU Ruit Ruit <td>136</td> <td>KOUL SAGAR SUBHASH</td> <td>mel</td> <td>Mul</td> <td>Oper</td> <td>and</td> <td>960. W</td> <td>Port</td> <td>MAngt</td> <td></td>	136	KOUL SAGAR SUBHASH	mel	Mul	Oper	and	960. W	Port	MAngt	
39 KOLI VISHAL RAKESH Martin Chilling Chilling <td>137</td> <td>KOLI SUNIL RAJU</td> <td>Ban</td> <td>Alton</td> <td>DAGO</td> <td>office</td> <td>18 Vinde</td> <td>NRIAN</td> <td>UK Kove</td> <td></td>	137	KOLI SUNIL RAJU	Ban	Alton	DAGO	office	18 Vinde	NRIAN	UK Kove	
AD KOLI VISHAL SURDEO Addred (Medic) (Medic) (Mana (Medic)) (Medic)	138	KOLI VISHAL RAKESH				KIM	All		Qui	
11 MAHAJAN NIKHI SANJAY DYPLAUGY POLY BUL OF THE ALL ALL ALL ALL ALL ALL ALL ALL ALL AL	139	KOLI VISHAL SUKDEO	Midlau		Violi		NIGNLIN	Naugue	Arhufa	
42 AANANDA 10 Mate 1 244 24 14 14 14 14 14 14 14 14 14 14 14 14 14	140	MAHAJAN NIKHIL SANJAY	NoMuda	1 Nomyce	Noncing	answer	211.0	non	approx	
42 AANANDA Imperied parts		MAHALE PRIYANKA	DANA.L	April	Altres	How	fAMate	HIM	april	
43 DNVANESHWAR P. Mail B. Mail Budaci Budaci <td>142</td> <td>AANANDA</td> <td>- Hege</td> <td>- All</td> <td>10 1</td> <td></td> <td>1000</td> <td>1 0</td> <td>1. D. Mali</td> <td></td>	142	AANANDA	- Hege	- All	10 1		1000	1 0	1. D. Mali	
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45 MALI DHANRAJ RAJU OPM OPM <td></td> <td></td> <td>D.Mali</td> <td>shali</td> <td>Breduct</td> <td>Bulue</td> <td>and the second s</td> <td></td> <td></td> <td></td>			D.Mali	shali	Breduct	Bulue	and the second s			
43 MALI DIVA VALMIK 47 MALI DIVA VALMIK 47 MALI LALITA RAMDAS 48 MALI NAVANA RAJENDRA 49 MALI NAVANA RAJENDRA 49 MALI NIKESH RAMESH 50 MALI NISHA SANJAY 50 MALI NISHA SANJAY 51 SAHEBRAO 52 MORE AKASH NAGO 52 MORE AKASH NAGO 53 MORE AKASH NAGO 54 GOVARDHAN 55 NIKUM PRIVANKA BUKLAL 53 NIKUM PRIVANKA BUKLAL 54 GOVARDHAN 55 PADVI AAKASH MOHAN 56 PADVI AAKASH MOHAN 57 PADVI JAKA BUKLAL 58 PATIL DIVANESHWAR 60 DILIP 61 PATIL DIVANESHWAR 61 PATIL DIVANESHWAR 62 PATIL DIVANESHWAR 61 PATIL DIVANESHWAR 62 PATIL DIVANESHWAR 63 PATIL DIVANESHWAR 64 PATIL DIVANESHWAR 64 PAWAR GAUTAM ARJUN 75 PATIL DIVANESHWAR 64 PAWAR GAUTAM ARJUN 75 PATIL DIVANESHWAR 66 PAWAR GAUTAM ARJUN 77 PAWAR AAKASH RAJUT 78 PATIL DIVANESHWAR 66 PAWAR GAUTAM ARJUN 79 PATIL DIVANESHWAR 66 PAWAR GAUTAM ARJUN 70 PATIL DIVANESHWAR 66 PAWAR GAUTAM ARJUN 71 PATIL DIVANESHWAR 66 PAWAR GAUTAM ARJUN 71 PAWAR AAKASH RAJUT 71 PAWAR AAKASH RAJUT 72 PAWARA AAKASH RAJUT 73 PAWARA AAKASH RAJUT 74 PAWARA AAKASH RAJUT 74 PAWARA AAKASH RAJUT 75 PAWARA AAKA	144		DPM (DRM	(DAM	DAM	ORM	JAM !	22414	
47 MALI LALITA RAMDAS Multice Lifter Li	145	MALI DIVYA VALMIK	Todat	Del	antier	the	and 1	all	10 nun	
48 MALI NAYANA RAJENDRA Mali (I)	146	MALI LAUTA RAMDAS	TEALC	Puel	18Mul			1Kince	LA May	
49 MALI NILESH RAMESH Number Numbe		MALL NAYANA RAJENDRA	Klouli	March	NAMIA	Mary	RIKEL	Mu	Mars	
50 MALI NISHA SANJAY Juit Mati Suvana Mali Mati Suvana Mali Mali Mali Mali Mali Mali Mali Mali	148	MALI NILESH RAMESH	18	KS,	NO	AS.	AS,	15.1	Aut	
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52 MORE AKASH NAGO HUM	151	SAHEBRAO	V	-	<u> </u>			DUNT	ANM	
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59 PATIL DIPALI MOTILAL March March <td>157</td> <td>PATEL MUSKAN TAYAR</td> <td>MTPatel</td> <td>MTPak</td> <td>MiPake</td> <td>MTPuk</td> <td></td> <td></td> <td>WIPH</td> <td></td>	157	PATEL MUSKAN TAYAR	MTPatel	MTPak	MiPake	MTPuk			WIPH	
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69 CHIKAN (1. Yawan piracun f) Wara pipana fifana fifana	100			1.0	A . A		AQ.	10		
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1	PAWARA AJAY LAKDYA	5D	A.L.P	A.L.P	ALP	AI.B.	010.1	Allel
1	PAWARA AJAY THANSING	10.0	Attance	10	Alla	Alan	allan	No
		Hack	Aller	150	Tipa	121	(9) C	yur.
. 11	AHIRE SIDHHARTH	5A	(DPP	OF	Con			120
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76		ALSO MAN	ALSA	TNSR (NAGY	NB 1	gine	AHI
77	BAGALE NILESH SANJAY	20	A B	Dan	1.6	010	12 m	Joggers
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78	GAJESING	MD	MA	AD	AA	AB	(14	00.
79	BAVISKAR CHETAN ARUN	Blue	N Robers	ARiala	Real .	Dary	K Mart	1000
80	BHAVAR ROHIT SANJAY	KSD Malla	GDDL.I	GPAL:1	GRRAN	akhu	HADA 9	The at
81	BHIL GOPAL ROHIDAS	ARBAN	Che all	TING	TAA	110	JAB	- and
82	BHIL JAIPAL ASHOK	AB -	283	200	XIB	NB	AiB	March 1
183	BHIL SAGAR GOPICHAND	XIB	AB	Xip	AllBL.	SIRLI	DARLY	TOAT.
184	BHIL SHRIRAM HIRAMAN	AT BALL	RUBA	ALQL	AlcBhu	OKAL	PRELi	CK Quet
185	BHOI AJAY KAILAS	C'N Khat	6KBL6	PIR	RIR	RIR	RIB	R.Ho
186	BHOI ROHIT JITENDRA	NA	1 D	140	TYR	EAR	TYR	CB
187	BHUTTO TOSHIB YUNUS	-ryb'	ans-	1200		1.00	POR	HAD
188	DABHADE KAVITA RAMSING	KRO	tes	RHO	ARD-	1243	AN IN	
189	DABHADE KAVITA RAMSING	kp2	de ·	to .	KA	1	AP	
	DESHMUKH MAHENDRA	MROLA	Man	DANtet	paker	MR26	Martin	MAchie
190	RAMESH	-		0			100	120
	DHANGAR CHETAN	Qa	680	0.50	(8)	60	SU	Cor
191			100	100		Qui	a du	aver.
192	DHANGAR DHIRAJ VUAY	avan	12 Du	4 CAN	1 Dram	april	10 Acres	care
	DHANGAR SUNITA	ONO	(ma)	(Data)	(Dead)	(ODm	(Da	Onic
193		-	-	DID.D	p.n.o	D.A.D	1.1.0	DA.D
194		PA.D	RAO	1	10	Roybul	1mth. 4	Rmph. 1-
195	and the second se	KA Phul	e Imphi		1			
	GAYAKWAD NILESH	NYG	NIYG	NYG	NYG	NMG	N.Y.G	NYG
196		(A)	-	0.0	to al	DYG	in	Der
	GIRASE RITABAI	REPORT	RGD	Acter	RGQ	1 total	499	× 39
197	and and the first of the second se	1.00		0		0.00	Muni	Deten
	JADHAV PRIYANKA	Patter	Prote	Pillet	2Have	Allan	Have	1 year
	IAWANSING	PAL	Lak	Vak	Kak	18ak	Mak	1. ich
198		V.V.	Ask	ASTON	Ackah	PRAL	Adal.	Glad
199			1 1 1	Palaci		J A. C.	1 Din	1 mil
199	KOLI AKSHAY SUKDEO	Car.	(Rein		And	TPL	1771	The
195 200 20	KOLLAKSHAY SUKDEO KOLLJAYPAL DURYODHAN	PON'aL	RDL	PDI	NTW.	N/		
195 200 20 20	 KOLI AKSHAY SUKDEO KOLI JAYPAL DURYODHAN KOLI RAJSHRI PRAKASH 	193	RPA	RPE.	Asia	Block	(ng)	Don
195 200 20 20 20	 b) KOLI AKSHAY SUKDEO 1) KOLI JAYPAL DURYODHAN 2) KOLI RAISHRI PRAKASH 3) KOLI ROHIT PRAKASH 	Keke II	Reke	RP1	6 firen	Pot	RAP	Per
199 200 20 20 20 20 20	 b) KOLI AKSHAY SUKDEO c) KOLI JAYPAL DURYODHAN c) KOLI RAJSHRI PRAKASH c) KOLI ROHIT PRAKASH c) KOLI RUPALI RAVINDRA 	193	REAL	to APRO	Asia	Prat IPt	RA	Ren
199 200 200 200 200	 b) KOLI AKSHAY SUKDEO c) KOLI AKSHAY SUKDEO c) KOLI RAJSHRI PRAKASH c) KOLI ROHIT PRAKASH c) KOLI RUPALI RAVINDRA c) KOLI VRUSHALI KAILAS 	Neke II	R KAK	rita.	8 银行	Set	Ster.	Ren
199 200 20 20 20 20 20	 b) KOLLAKSHAY SUKDEO c) KOLLAVSHAY SUKDEO c) KOLLAVSHAL DURYODHAN c) KOLLRAJSHRI PRAKASH c) KOLLAUSHALLAVINDRA c) KOLLVRUSHALLKAILAS c) MALLMRUDULA 	Keke II	REAL	Nr. Kar	8 银行	SPE	MNM	DON OF MNM

-	RAJDHAR MARATHE SHUBHAM	-					21	au
- C. L.	BHIKA	BM	GBAD	(98M	Optor	GP	BA	GBAN
209	MORE ANJALI GULAB	Amore (Amore	Amore	Ahare	More	Ahor.	Anor
210	MORE DEEPAK PANDIT	Contraction of the local division of the loc	(Emers)	20 11	Rond	Donord	Doord	Demon
	NAIR SURYA	~	amore	Protes	Clore	0	1	Bras-
211	SURESHKUMAR	Glan,	Cherry.	Svain,	(BNam	(Mar	Brein	
212	PARADHI AARTI ASHOK	Mark	An.l.	Do plus	Nalest	Do. Lu	Applac.	Alach
213	PARDHI AKASH APPA	TAP.	- An	1.0.1	ABP	D.D.P	PAR	P, AY
214	PARDHI ANAND DILIP	Do. h	150.01.	ADPad	DPau	1.28	O Delu	Allay
215	PARDHI GAURAV RAMESH	Ghad.	20 in	aBaut	aluct	6Ray	appel	gharf
216	PARDHI VUAY RATILAL	MAC	50	1DD	TOO .	SPP	RP,	NºP 0
217	PATEL SAMEER RAHIM	(30-1)	00.11	100 01	(Ab. A	Bendal	Marty	agela
218	PATIL JAYKUMAR SURESH	.m.h.	18Pali	JAPatil	Varal	Nady	Ispali	Uspar
	PATIL MAHENDRA	Sotafil			Man		MRRaf	MRuch
219	RAVINDRA	malil	NRFall	MRpart	Mappin	Males	A	15
220	PATIL MANISHA HARLAL	Polkahi	market	PARPEN	marile	marche	marte	aRece
	PATIL MINAL	MHQ				Ad 110	M.H.P	Mal.P
221	HARISHCHANDRA	1	M.H.P	M.H.P	NHA	M.H.P	A	Prasad
222	PATIL PRASAD ANANDA	Prasuel	Presad	Prusid	Inacad	Iracad	Brasaf	maray
223	PATIL PRAVIN DEVIDAS	Delus	all	pare	Dens	Prot	you-	(AD
224	PATIL SAGAR BHARAT	35	38	32	68	GB	SPE	ta i
225	PATIL SWATI DILIP	hal	Hun	boul	her	pou	5 Vu	Deque
226	PAWAR AARTI PRAVIN	Raum	Paaras	Aflerico	Pales	Algarde	African	1 y
	PAWAR KAMLESH	1414	40	1,10	Kruc	Kipa	Kluc	Kaul
227	LAKDYA	Elfact	Kepa	KLPa	ho	Ma	AD	ADI
228			HP.	P	APD 1	DARW	Marial	Angelo
225		Andrake	Afra	Aller	Allach		Chilan	arred
230		aspadu	0		avern	& vfam	0.	
23	PAWARA BHARTI 1 CHAGAN	Befare	3 Jaw	Bheen	Befar	Beface	6 Clar	Belle
	PAWARA CHETAN	Calu	Que	Chu	Colaley	Clut	Carlo	Qua
23		Y	1 section	1. Denn	April	Coluch 1	Beel	atrue
23		A 10 red	mul	-	00	0	· DAU	app
1.1	PAWARA DINESH	Offact	Track	a Rece	12 min	1) Ruy	ino	-
23		0000	04.0	CMD	GANB	and	Emp	Anp.
1	PAWARA GOBARU	9MP.	GMB	GMB		44	1	TOP
	5 MAKAN 6 PAWARA INDU BHAYA	TBP	TBP	THE	IBP	IBE	IBP	1181.
	PAWARA INDO BHATA	1 TRon	CRO	TRP	JAP-	4AP	RP	11
- 23	PAWARA KAMLESH		o Kgalae	Kpacuno	Kpenurse	Kjaum	Kpanu	Kpaile
2	38 KISAN	10		1	-	iB	LB	1B
-	39 PAWARA LALITA BINDYA	13	13	LB	18	N	1	\cap
	PAWARA MAGAN	MMP	MMP	MM	Marp	WNP	DAP	map
2	40 NAYAJU PAWARA MAHENDRA	6.0	a meas	marie	Mohu	Mal	March	magh
7	41 BHAVSING	MBGG	4 1.000	1 au	0	0	0	0
-4	PAWARA MANGALA	man	mar	marie	men	mau	Mal	marce
	and and and	Du	0	1	NGP	NREad	NGP	NGP
1 2	42 EKARAM		NGP	NGP			D I Call	

		ARA NITESH IARAM	(Nº	Paul (NO	NSA	NØ	NOP	WSA	NSK
245		ARA OM KANTILAL	Aki	naucho 1	K namega	Ofpage	OKDOWN	8 Kprane	Okpann	Okpaul
246		ARA OM KANTILAL	al		Apreli	Chal	CRALS	Clacu	Clark	Chay
240		ARA PACHYA	10	1-1	TT.	TAN	A.C.	6. 1	Del	AL
247		/LAL	Pa	leve	Bacher	Greek	Quel	Hay (Mac/	Pearl
		VARA PAWAN	0	10	Popla	Dia	Palas	Dal 1	Polael	Mal
248	DAI	RASING	R	Vac	Pupae	P. Johne	Palied	PURCU	1 spice	ppar
249	1	WARA RADHA ARAM	2	Space	Repails	RSPenn	RSpace	Black	Kaw	AS Acely
	PA	WARA RAHUL	Rn	ARect	PMPku	Stopa	Ringlace	Proplan	Remp	RIARC
250		ANSARAM	-		() ·	1	RAP	and	1220	Rap
251	_	WARA RAJESH KALU		30-	RBP.	ABD	1 2 1	RD.P	ROAP	ROD
252		WARA RAVINA BHAYA	1	Atte	P. DIP	Pap	P.D.P	1	~	
	. 193	WARA RAVINDRA	I	Par	Recurr	Reques	Riceurs	Realer	Readul	Ricars
253		AMDAS		Pauline			Destru	Phtha	Rochan	Roshin
25		AWARA ROSHAN ARJU	-	thun	Roshun	Rochun	pestal	D	0	A
	- 1 C	AWARA SANDIP	14	Red	Churd	(Shere	mar	Goar	Gran	Jui
25	-	UBHARAM AWARA SANGU NANSI		1 0	Stree	Show	Law	Sla	SA Ya	Shran
25	-	AWARA SAPNA	P			da	SBP	The	Do	cno
25	S 1 1 C	ANSILAL	6	SBP	53P	SBP	Dop	Sop	XBP	SBP
		AWARA SARICHAND		10	10	Sthe	SLA	Sher	SIPa	SIPa
2!	58 1	ALCHAND	P	1 Jan			1 0	1 1 1	Sosp	Sof
2	59 1	AWARA SHILA MOTIR	AM	Smp	Sme	SAR	Sand	- au		E.Q.p
2		PAWARA SITA RAJU		S.R.P	SR.P	S.R.		S.R.+		selp
2	61	PAWARA SONIYA GILD	AR	SAP	891	- Fel-p	Serp	- sge	Syp	-01
		PAWARA SUKRAM	L	S.G.P	5.6.	\$ 5.4.0	S. dr. F	8-518	Sigr	S.Gr.
2		GYANSING					- cero.	· Sep-	· spe-	Sgp.
1	263	PAWARA SUNIL GANES		spp.	Ser.		USP.		USP	Lop.
1	264	PAWARA VIJAY SUNSA	ĸ	vere "	VR	VA	VR	N.R	UR	ViR
		PAWARA VIKRAM ROMSING		V. R paul	ARA Paula	Pavar	a polvon	on powers	paula	paulup
-	265	PAWARA VIKRAM		a set of a	VSP			USP.	V8P	VEP.
	266	SITARAM		VSP.	Vor					
-	200	PAWARA YASHWANT	~	YPP	- yer	· Jef	- Jet	. Jet .	Stop.	ypp.
	267	PUNAMCHAND	-	0	1	00			-	
		PAWRA SHAKILA		800	. SDI	- 801	r. sof	001	-	. 87P.
	268	DARASING	-	1 S	ut G.2	ors	G.S	Cos	Radpu	65
		RAJPUT GOTUSING		9-S	0 (10)	Rajvi	it build	Rave	Radpu	Raje
F	269	SANTOSH RAJPUT JANA		gepai	IN CO		1 70	53	-0.0	-5.7 + pain
	270	MOHANSING		(Joka	Jeg Sed	" Ray	a kaji	+ Relipm	+ ROSPH	-
F	270	RAJPUT PRAJAKTA		Bou			by bobo	Pal BRaile	ut preder	1 PDRayer
	271	DILIPSING		100			SDR	SPR	12116	SDR
F	272	RAJPUT SAPANA DAG	GADU	50 B	SDR	1 11		AL BENK	en yer	yer.
T	273		HASH	yspi	I'm JER	0 00	Q.	nan	Dep	. PPR
Γ	52.	RATHOD AAKASH		APR	. APF	2. AP				10.0
F	274	THE REAL PROPERTY OF	ANI	NAG	R. NA	P. NA	RNA		- NAR.	· MAK
L	27	6 SAINDANE GAURAV	ANIL	Tel	00	68	4. (78	2 68	+ 1901	487.

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77	SALUNKHE KARISHMA SHRIKANT	Barke.	Reute	Regaluk	Raine	Golym	Catenung	Baine
	SATOTE VIJAY SHASHIKANT	VSS	\$85	VSS	VSS	VSS	VSS	VSS
279	SHIRSATH MANISHA RAJU	OR SHISH	ORSHIN	Rettine	-		(TRSHiss	
280	SHIRSATH PRAMOD NANA	PUXIN	ONSHIN		(AVSHIR			ONSHIN
281	SHIRSATH VISHAL PRAKASH	OBHIN	CARHOY	()PEH/M	200		OPSH7	
282	SONAR TRUPTI KASHINATH	THE	TRS	THIS	TAS	-TKS	TKS	THE
283	SONAWANE JITESH SAMBHAJI	Issone	JISan	Jano	sear	58°	185m	Issone
284	TAMKHANE HARSHALA ATMARAM	FOT	ØT	FAT	FAT	PAT	Øt	QT-
285	TEHALARI GANESH GOPAL	OLTCHA	Gert	CGT	Gut	CHOT	Gar	Gat
286	THAKARE RAKESH MADHAVRAO	R.m.T	p.met	prof	pmt	prof	pmt	pmp
287	THORAT PUNAM PRALHAD	OPHONE	CPTHOR	@PT-107	Cotting	OCHON	OTher	Contract
288	THORAT ROSHAN DATTU	RPT	PPT	POT	RPT	PDT	PDT	RDT
289	THORAT RUPALI RAJU	629	ORT	BRT	PAT	OPT	OPT	GRT
290	VALVI GANESH IRMA	Gotte	GETU	GTU	GIV	GIV	GU	GEV
291	VALVI HARISH KHATRYA	HRSL	the	HU	HKN	HEN	W	1KV
292	VALVI NISHA AMASHA	AN	6AV	PAN	- QAV	GON	- FOAV	- OAU
293	VALVI SUMAN BALII	SBV	SBU	SBV	SBV	SOV	SBY	SBV
294	VALVI VASAN KAGDA	VRUAN	YOU	yer	VEV	VKU	YKU	VKU
295	VASAVE ANJALI SHANKAR	ASV	SAV	ASV	SAV	SAV	ASV	SAV
	VASAVE FULVANTI	and	Exer	CKLON	Ekvars	inde	Felvos	Pluse
296	KAGADA	ENDE	(C)	60	CRO	Oxense	40	25
297	VASAVE MOTI KAKDYA	mK.V	muu	MKU.	WKU	MKV.	MKU	mell
298	WAGH SUVARNA RAJENDRA	ORWON	OBWERT	OPwat	Que		Colocial	Sprorth
299	WANI VIJAY DHANRAJ	V.DW	UDW	V. DW	ston	NPW	N.D.	V-PW
300	WARUDE MOHINI PARLHAD	mars	mply	me	rupu		ver -	mpr.
301	YEVALE BHAVESH BABAN	BBY	BBY	RBY.	BBJ.	BBY	BBy	DBY
302	AGRAWAL ROHAN SANJAY	RHA	880	pop	psp	RAP	RSD	PSp.
303	BAGALE AJAY VIKAS	ADAY	AJA	ASAL	MAC	AVAC	ALAI	PJAC
304	BAGALE RAJRATNA BHIMRAO	ROD	ABD		5		PBB.	BBB
305	BHOI POONAM DILIP	ppg.	PBB	PDB.	pop.	pop.	DDD	DOF
306	BOHARI HATIM AHMED	- men	-		T		1000	1
307	CHAUDHARI CHETANA VASANT	QCI	Cur	ar	CNC	SNC	CNC	eve
308	CHAUDHARI CHETANA VASANT	ac	or	Cir	Or	Cuc	Que	Ore
	CHAUDHARI HARSHADA	OHO	COLU	1110	OHU	OHCO	TOK	PHC

	SUKDEO							
310	CHUADHARI JAGRUTI RAVINDRA	ØU	Ø	R	R	3	R	R
311	DABHADE CHETAN RAMSING	D	RC	PO	R	BO	PC	BC
312	DABHADE CHETAN RAMSING	TO	BO	PC	PC	BO	PO	CRC .
313	DORIK HARSHAL RAJENDRA	OHR	All	TR	OHR	AHR	Oth	APIR
314	GIRASE DIVYA LOTANSING	an-	all	and	9DL	902-	9DL-	gp-
315	GOLE AMUL SURESH	Fril-	and	Brie	ONG	ans	993	995
316	JADHAV MANOHAR	195	JS-	The	SE.	The	JE	The
317	JAIN ANIKET ANIL	A	N	TA.	TA	A	JALT	TA
318	JOSHI RITESH KAILAS	P	P	R	R	R	R	R
319	KHAIRNAR NIKHIL RAVINDRA	ANR	MR	KNR	KNR	KNR_	KNR,	KNR
320	MAHAJAN VINAY SANJAY	MIK	MIK	MVS.	MK	MK	MS	MVS.
	MAHESHWARI	CAL	ante	MER	Ma	ma	MA	Me
321	AAKANKSHA MUKESH		MAT	MAT	MAT	MAT	MET	MAR
322	MALI ANJALI TUKARAM	MAT	m	- m		m	w	Vnl
323	MALI NAMRATA KAILAS	my	12	OB.	Ne	NO	06	X-
324	MALI SWATI BHALCHANDRA	ME	MB	M63	ms	MS	msz	T153
326	MORE ANJALI VASUDEO	Role -	NOVE	m	Ma	Ma	Ma.	Mai
520	PATEL AKSHAY			2.	Le	011	011	- 11
327	NILESHKUMAR	Patel	Rted	Katel	late.	lat	Katel	Tatel
328	PATIL APEKSHA PANDURANG	Pah	ROB	Ref	Par	Rak	14K	Bak
329	PATIL HARSHAL MOTILAL	KH.	Rtt	R4	Ril	RH.	RID	KA
330	PATIL KAVITA RAJENDRA	Ph -	PR -	PK	PR 1	PK	PK	PK
331	PATIL SHUBHANGI KAILAS	SK	SP-	SE-	SR	84	SR_	85
332	PAWAR DEVYANI	203	POR	RDB	8 B	83K	PDB	PB
333	PAWARA PAYAL GULABSING	PP_1	PR	PB	B	R	B	R
	PAWARA VIKAS	DI	NI	PI	Re	Re	RL	Do
334	TARACHAND	RL-	5-	-	Va		Ro	Do
335	RAJPUT DIPALI BAPU	Ka-	K.O	Ke-	KI-	ROP	ha-	1 d
336	RAJPUT HARSHADA	RA	PA	RA	RA	RA	RHE	Rh
337	SAVALE SNEHA VASUDEV	82	Ste	82	85	AS	855	82
338	SHETE MOHAN SATISH	Sm	Sm	SM	Sm	Sm	SM	8M
339	SHIMPI MANISH	SR.	8R	8R-	8B	SR.	8R	SR
	SONAWANE KAVITA	M	Galt	a	(de)	(cu)	cial	(cu)
340	RAJENDRA SONAWANE KOMAL	8H	St	Ste	(84	88	SK C	A.
341	SUNIL	SS	84	85	85	85	AS .	-
342	SONAWANE MANASI	SM	Sm	cm	Sun	Sm	Sm	Sm

343	SONAWANE MANOJ DILIP	MOS	000	Nm	ium	New	NUDS	THE
	SONAWANE SAMADHAN	M2	MDS	MB	MIC	MADS	Jail	
344	DILIP	SDS	SDS	805	SDI	SPS	SPS	SD
345	SONAWANE YOGITA JEEVAN	than-	Im	4000	thes	YOS	YES	SADS
346	SUSHIR VAISHNAVI CHANDRAKANT	XED	US	YE	LB-	15	ye.	HS-
	AGRAWAL ROHAN	Pag	PK-	OR	Oan	RA	091	An
347 348	SANJAY	20	A.A		100	0.00	-	
340	BAGALE AJAY VIKAS BAGALE RAJRATNA	KUS	HUD	Ing_	HVD	EVIS	And	1 AL
349	BHIMRAO	PBB	pin	12880	RAB	RAB	PD2	PB
350	BHOI POONAM DILIP	JAS-	LA	in	5+1	- Un	4	4-
351	BOHARI HATIM AHMED	Manz	HAD	MB	FAR	HAB	HAD	HAr
352	CHAUDHARI CHETANA VASANT	CRAF	CAS	the	gue	ins	4s	is
353	CHAUDHARI CHETANA VASANT	Go	LOLA	₩-	LA	M	6	te
354	CHAUDHARI HARSHADA SUKDEO	the	12	HB	HS	res	HSE	NY
355	CHUADHARI JAGRUTI RAVINDRA	1Pe	stores.	028	028	HP28	DS	M
356	DABHADE CHETAN RAMSING	CDD	CDO	OPD_	app	C20.	Ind	COR
330	DABHADE CHETAN	mp.	DM	(PS)	Cps	COB	CRR.	ORB
357	RAMSING	and a	-		00	and	GED	OPS
358	DORIK HARSHAL RAJENDRA	NO	HDD	HRD	HDD	ADD	HRD.	HRD
359		D/9	Dibi	- Dla	DIG	DB	Dige	DIQ
360	GOLE AMUL SURESH	SAG	APE	574	SALE	Sty	SAG	SAG
361	JADHAV MANOHAR SHAMRAO	NOTS	1180	KOST .	MSDO	SMO	MF	NU
362		600	AB	pro	APJ	AD .	MAJ	ABJ
363		F	101/21		. 012 .	un II	~~~~/-	
364	KHAIRNAR NIKHIL RAVINDRA	Net	NPL	NU	NRE	NE	NES	NPK
365		Cam	Som	appos	som	apos	On	80
	MAHESHWARI	APT	amo	ama	and	Ano	ama	enc
366		Bin	afor	Am	ATM	Am		ATO
367		Many	mar	NERO	XEM	NEO	AIM	NEM
369		NEM	000	NON	DIM	NSA -	Non	Am
505	MALI SWATI	100	Pano		1		1	· · · ·
370	BHALCHANDRA	1800	0	000	Som	Spro	80m	2000
371		Avm	An	An	An	Am	An	Am
372		NOP	Die	1000-	Proc	PAC	DOC	API
373	PATIL APEKSHA PANDURANG	APP	APD	THE	ADD	APD	ADD	APP
374	PATIL HARSHAL MOTILAL	Sund	stri	HMP	ono	Hm?	ton	too

x

	PATIL KAVITA RAJENDRA	Kepolit	Keppin.	KEPOUL	Keptin	Kepain.	Kepotal -	Kepnin
76	PATIL SHUBHANGI KAILAS	IP	IPS	TES	KØ	TES	KB	KP.
	PAWAR DEVYANI	TRANDER	TRANAS	There	RADADE	Reprivets	Teppet	TRACE
377	BHAGWAN	IDALON	- Drugg	BROW	- Open	Source	Total	- app
	PAWARA PAYAL	200	To	an	Ro	an	Wo	Top.
378	GULABSING	1912-	101	THE .	THE -	BP	BP	131
	PAWARA VIKAS	F	16	1/E	1E	VD_	VE	VE
379	TARACHAND	YP-	YE	T	The	Diat	Designet	Besient
380	RAJPUT DIPALI BAPU	Deciput.	Begiput	Assignt	desiput.	Brojart	Beopret	
	RAJPUT HARSHADA	HB	HR	HR	HR	HR.	HAR .	HB.
381	NARENDRASING	Vinte	vacate	Vapare	VEVALB	varie	VALONE	varity.
382	SAVALE SNEHA VASUDEV		Methe	Macte	Thete	These	Mate	MLAR
383	SHETE MOHAN SATISH	Mhete	100 11		medium	Retimpi	ORdingei	Rehippi
384	SHIMPI MANISH RAJENDRA	Resimp	- Calehimei	(mkchispe	man	-	UT SAL	
	SONAWANE KAVITA	MS	185	KB-	KB	KB	KBS	KB-
385	RAJENDRA	-	-	a	-			
200	SONAWANE KOMAL	Kers.	1485	Kers	158B	kes	1585	Kes.
386	SONAWANE MANASI	MEDMY	mssau	msson	more	MSDM	MESSON	msoury
387								
388	SONAWANE MANOJ DILIP	MIS	103	1925	MDS	MDS	MDS	MDS
389	SONAWANE SAMADHAN	Sts	Sals	Jok	Str.	Sals	Sts	Sds.
	SONAWANE YOGITA	YE	Yes	Yes	THE	Yes	YE	Yos.
390	SUSHIR VAISHNAVI	Cr. II	C1 11	61 11	0. 11	C. 1.	Grandi	e Gundin
391		Veublit	2 (VELENU	-	-	-	s (Veusis	
	BHAVSAR UTTKARSHA	113	UNB	LNB	UNB	UNB	LAB	UNB.
392	NINAD		Tatta	Arabat	al ar hora	Tor. ha	Blota	to the ast
393	BOHARI RASHIDA IDRIS	Bohrs	ei-Boobote	1 BEochars	1 Rochare	i REnhots	I KIDDING	i Ribohasi
-	CHAUDHARI DIPIKA	Data	Thela	- Agch	- Joh	Jach	- John	- ach
394	GULABRAO	Igon			-0-	Pour		
	CHAUDHARI PORNIMA	Rhid	Protour	- Protound	Protraid	- Protold	- Prchoud	- Prehaud
395		"Horald		-	200	0000	an	DOR
396	5 DHAMNE RUCHITA DILIP	JOR_	POR	- DOR	- 200			
	JADHAV KAJAL	Stochas	Totacho	Kaoho	w Krados	L Ripch	W Chitada	W Bladhar
397		A		AT	-AT	-0-	101	101
398	3 JOSHI MANASI RAJENDRA	mei	me	me	me	- mei	- me	mej
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421	KHOPADE DARSHANA ABHIMANYU	Kpa	KDA	KDA	KP0-	KDA	KDA	KPA
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431	PATIL RITUJA BHALCHANDRA	BRP	BBP	RBP	BBP	BBP	BBP	BRF



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STATEMENTS OF MARKS

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

Examination Held in- Apirl-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	ТН	50	43
EMR-02	Field Work	PT	50	50

Result: Pass



Grade: O

Co-ordinator

Abbreviations:

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



R. C. Patel 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 Categor y	Hours / Week	Credit s	Marks fo	or Evalu	ation
	21-	VALUE			СЕ	EE	Total
Ш	22FMMB	ADDED COURSE - I	30	2	30	70	100
Course Title		FORE	NSIC M	ICROBI	OLOGY		
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Objectives	 crucial r unexpect investiga Pathogen microbio queries. 7 Body Fl (such as in this pr Estimatio (post-mo microbio Linking of forensic assailant. Transpla 	logy investig This includes uid Identifica blood, saliva, ocess. on of Post-Mo ortem interva logists contril Crime Scenes microbiologis	anining the acluding ca ed, their ex- sion and ates pathog cases association: In c or semen) ortem Inter al) is c bute to estii and Assai sts can lin	cause of d ardiac fatal pertise com Medico- gen transmi ciated with riminal ca is essential rval: Deter ritical for mating this lants: By a k a crime ontext of o	eath, especia ities. When hes into play. Legal Que ssion related sexual assau ses, identify l. Forensic m mining the t r investigat interval. nalyzing mic scene or a organ and tis	ally in s a malp eries: to medi lts. ing bod icrobiol ime sine tions. crobial e victim	Sudden ractice Forensic ico-legal ly fluids ogy aids ce death Forensic vidence, with the nsplants,

	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	6
	Viruses - Techniques in forensic microbiology.	
п	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	6
	Poisoning.	
ш	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	6
	Analysis) saliva, semen, feces, urine , vomitus, hair, bone and wounds.	
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 –	6
	Sequence analysis. DNA of microbes in soil for crime detection.	
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) –	6
	Genetic markers used in RFLP, typing procedure and interpretation of results.	

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 Patel Educational Trust's RC R.C.Patel Arts,Comm.&Sci.College Shirpur,Dist.Dhule 425 405



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

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

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





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R. C. Patel Educational Trust's

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

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STATEMENTS OF MARKS

Value Added Course in- Forensic Microbiology

Examination Held in- Apirl-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	ТН	50	40
MB-02	Principles and methods of forensics	PR	50	43

 Result: Pass
 Marks Obtained: 83
 Grade: A

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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 FinancialSystem.
- Enhance employability in the field of Financial Sector.

• Assessment Strategy:

Assessment will be done through written examination of 100 marks.

Course Details:

Section	Торіс	Class Duration	Da y
	✓ Inauguration,✓ Introduction to the course	One hour	1
A Basic concepts of financial system	 ✓ Basic concepts ✓ Constituents offinancial system. 	One hour	2
	 ✓ Barter system ✓ Barter system types ✓ Barter system limitations 	One hour	3
В	 ✓ Definition of Money ✓ Evolution of Money ✓ Types of Money 	One hour	4
Barter system andMoney	 ✓ Features of Money ✓ Functions of Money ✓ Role of Money in Modern Economy 	One hour	5
	 ✓ Demand of Money ✓ Supply of Money 	One hour	6
	✓ 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
C Commercial Bank	 ✓ 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
	 ✓ Central Bank – ✓ Importance of Reserve Bank of India Evolution of Reserve Bank of India ✓ Functions of Reserve Bank of India 	One hour	15
D	 ✓ Relation between central bank and commercial bank. 	One hour	16
Central bank	 Quantitative Credit Control Qualitative Credit Control Measures Cash reserve ratio, Statutory liquidity ratio, Bank rate policy, Rationing, moral suasion. 	One hour	17
	 ✓ 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
E Vou concents of	✓ Insurance Management and regulatory role of IRDAI	One hour	22
Key concepts of Personal Finance andManagement.	 ✓ 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
	\checkmark Income tax and tax saving options	Two hour	27
	✓ Primary and Secondary Market	Two hour	28

course		30 hours	28 days
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Suggested Readings

1. F. S. Mishkin and S. G. Eakins, Financial Markets and Institutions, PearsonEducation, 6th edition,2009.

2. F. J. Fabozzi, F. Modigliani, F. J. Jones, M. G. Ferri, Foundations of

FinancialMarkets 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 Currencyand Finance and Reports of the Working Group, IMF Staff Papers

6 भारतीय अर्थव्यवस्था : प्रा.एन एल चव्हान, 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- 1 & II)

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



R. C. Patel Educational Trust's

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

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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	ТН	100	92

Result: Pass	Marks Obtained: 92	Grade: O
	SCONM.AND SCI COLLEGE	Walks Co-ordinator
Abbreviations:	A SAIRPUL	



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 andnational level
- 3. To know several rights available to consumers under the Consumersprotection and other related laws
- 4. To understand the genesis of consumer protection laws in India

• Syllabus Structure:

Section	Торіс	Class Duration	Day
1. Introduction	 ✓ 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
	\checkmark Evolution of the Consumer and	02 Hours	0 2

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	✓ Profile of the Consumer		
	 ✓ Consumer Behavior in Market Economy 	02 Hours	2
2. Consumer Environment	✓ 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 ✓ Consumer Complaints 	03 Hours	3
	✓ Consumer and Corporate Social Responsibility (CSR)		3
	 ✓ Evolution of Consumer Protection Laws 	03 Hours	3
4. Consumer	✓ Consumer Movement in India	03 Hours	3
Education in India	 ✓ 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.

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 पब्लीकेशन, 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 पब्लीकेशन
- 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"

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CA 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- Apirl-2022

Student Name: Bhil Dipak Bapu

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	ТН	100	90

Result: Pass

Marks Obtained: 90

SHIRP

Grade: A



Abbreviations:

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



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

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

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

PERTICULAR OF CANDIDATE

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.

KITA

Signature of the Student

nor

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	ТН	100	76

Result: Pass



Grade: A

Co-ordinator

Abbreviations:

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



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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	TH	ТН	ТН	TH	TH	TH
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9:00am to	lah	lah	lah	lah	lah	lah
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. 10987
- 5. Yashwant P. Kanetkar ANSI C ,BPB publication. ISBN: 9788183333245
- 6. Byron Gottfried Programming with C Tata McGRAW-Hill ISBN-10: 0070145903
- 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

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 Addmission Form for Value Added Course C-Programming

PERTICULAR OF CANDIDATE

1.	Name in Full (Surname First) :-	Patil Akshata Sanjay
2.	Father/Husbund Name :-	Sanjay N. Patil
3.	Address for Correspondence	: Near Karwand Road, Shirpur
4.	Email Id	: Parti 1 Akshata 123 @ gmail
5.	Phone No/Mob.No	: 8380811963
6.	Nationality	Indian
7.	Date of Birth (dd/mm/yy)	518/2001

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

Steetil

Date 10/1/22

Name and Sign

Place: Shirpur

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R.C.Patel Arts Commerce Science College, Shirpur

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Head Of Dept Ms.Manasi G.Vaidya

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

Department Computer Application and Management

Value Added Course in Web Development



A.Y-2021-22 167

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.
- \checkmark 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

- \checkmark 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

- 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 :-

- o 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
- o The ABC's of Java Script by Lee Purcell Mary Jane Mara, BPB Publication. ISBN: 8170298261.
- o The Complete Reference Web Design, Thomas A. Powell, TMH, ISBN 0-07-041186.
- o How to become webmaster in 14 days, James L Mahler, Tec media ISBN 1575211696.

15 Hours

o 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: - 2	2021-22				Total	marks: - 50	
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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.

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

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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- Apirl-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	ТН	50	47
СОМ-04	Web Development	PR	50	46



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 Duration30 HoursTeaching PatternLectureAssignment PatternTheory- AttendanceEligibilityUG (FYBA,SYBA,TYBA Students)MediumMarathi

Objective (अभ्यासक्रमाची उद्दिष्टे)

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

घटक विश्लेषण

घटक क्रमां क	घटकाचे नाव (ChapterName)	अभ्यासक्रम (Syllabus)	तासिका Teaching) (Hours
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	एक्ण तासिका		33

संदर्भ ग्रंथ

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

- चला वापरु इंटरनेटविवेक मेहेत्रे-, उन्देली बुक्स, मुंबईभाषांतर मीमांसा संपा .कल्याण काळेअंजली, सोमण
- 8. आधुनिक समाज माध्यमे लेखन व संवाद –डॉ .अक्षय घोरपडे

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



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	ТН	100	91

Result: Pass

Marks Obtained: 91

* SHIR

Grade: O

Co-ordinator

Abbreviations:

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



R. C. Patel 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 PERTICULAR OF CANDIDATE 1. Student Name : Rayput Rohit Chasendra : Rajput Chagentra Rassaheb : Rajput Chetama Chyendra 2. Father/Husband Name 3. Mother Name At Put Arthe Tal. shinger Wer Dhue 4. Address for Correspondence 5. Email Id : regpertrobit @ gmail. Lan 7350708453 6. Mob. No 7. Date of Birth 17-7.2000 8. Category then 9. Family Annual Income 15 Jaco 10. Last qualified examination 120 Lommene 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. Resput Place: Shinpyr Signature of the Student

Head of the Department

Dr.M.B.Bachute Head Department 8 39 88 37 36 ŝ 31 30 29 28 27 23 22 21 No Se 34 33 32 26 25 24 KINUM Marine Spel March Spanner maki USA PO Students Name 5 NAK ahire AXNAN A M RXSC A フトラネス 5000 2 AND CAL A WWW Barn march ULSPA Ann huten Immest AFT Ż Prostona Maines Ancs S DU -NA.S レンラ Akern Stra S Dires h Avsi - ANA 35 wegar MAN 1-9 une 2001 Purt har うろう er run -NAVANAN an ru NARU P ratesh 127 Date 1 ma <sha N. S. AND W. Ann Allad My Port 3 No. Con -2002 Part -13 2 NA PUNK E 3 SER Mark Anne 114 231 2014 2 they the Twe North 2 N 3 MP Carlo S. DNP ω North Elmp mel R Andy Sec Ant A CASE SAR 3 T Mary 2 4 SAM Non-Net. HAY. ロマア 2 P the S FLA. Y - Annal MA 3 Man BAA The E *Show σ OVP De la 220 North Puns. 7 And XXX 3 X St pure P Pur March Par NXX:M 大 3 4 and a Sone Dure Andu 1000 2 R Ż 67 Si Hal 00 ます Find Borro 2A à Burt mart PUL C the - MA 123 3 ar DAN ٤ 9 Kons Dar CAN Suns 2 5000 Xmus Howky アル Xree X-ares Unit Ş まし and MA L'AR 8 10 SA P 米山 5 A 1 ALAN And New Second 24 3 30 Alle 1 Ø Non Min E-P No the A 672 Ly ve Free? the second Poter Proper 2 7 3 a A CE うちん P The 12 the second m ELM 大王 3 3 B 1 300 13 180ms あら 10m Nine 2 3 200 Ø ANP ì 10-10 RA ž Ener . A. Nice 10 Sil Denne . 10mm 12 mar R Now -赤王 14 5 Sine A-K g Ward Ŧ B ŝ Per-Sind 15 Prop 3 1820 10 Muy 81 5 0 184 Aure 2 R

R.C.Patel Arts, Commerce & Science College, Shirpur Department of Psychology VALUE ADDED COURSES VAD102- Dynamics of Healthy Child Development Academic Year- 2021-2022

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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- Dynamics of Healthy Child Development

Examination Held in- Apirl-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	ТН	100	80

1	Result: Pass	Marks Obtained: 80	Grade: A
		COMMAND SC COLLEGE	Co-ordinator
	Abbreviations:	SHIRPO	

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



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

Department of 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

- 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

- 2.1 Mechanisms of Hereditary
- 2.2 The Genetic Code
- 2.3 Artificial Insemination
- 2.4 Assisted Reproductive Technology [ART]

III – Adjustment

- 3.1 Concept of Adjustment
- 3.2 Types of Adjustment
- 3.3 Family stress situations
- 3.4 Frustration and Sources of Frustration

Reference:

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

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

R. C. Patel (Affi	R. C. Patel Educ l Arts, Commerce iliated to the K.B.C. North i	& Science College, Shirpur Maharashtra University, Jalgaon)
To. The Principal R. C. Patel Arts, Commerce	(Academie Ye	(age)
Sir, Lwish to get admission a	s Student for the Value A	dded Courses in - "VAD 101-Child Psychology/
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1. Student Name	PERTICULAR O	FCANDIDATE Pathan Malik Yusefkhan Arthan Yusefkhan Salim Fathan Muschan Yusetkha Shingur 2000 Dhu/c
2. Father/Husband 1	Name	Pathan ywelkham Salim
3. Mother Name		: Jashan muschan ynselftha.
4. Address for Corre	espondence	Shingur 2000 Dhule
5. Email Id		: Pethon 780 @ prnii). Cn
6. Mob. No		5793556637
7. Date of Birth		6-6-2002
8. Category		S.C.
9. Family Annual In	ncome	Two lace
10. Last qualified exa	amination	: Jun face
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R.C.Patel Arts, Commerce & Science College, Shirpur Department of Psychology VALUE ADDED COURSES VAD101- Child Psychology Academic Year- 2021-2022

Millohh

Dr.M.B.Bachute Head Department



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	тн	100	73

CARLE EDUCATIONAL INUSI

Result: Pass

Marks Obtained: 73

* SHIR

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

Department of Commence

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 analyses problems and to design, develop and evaluate solutions
- ✓ To read, write, test, and modify computer functions.
- To develop an understanding of how computers work; the component parts of computer systems and how they interrelate, including software, data, hardware, communications, and users
- To appreciate the ethical and social implications relating to the use of computing technology and information and identify the impact of technology on personal life and society

- To understand how information technology has changed over time and the effects these changes may have on education, the workforce, and society
- To evaluate the accuracy, relevance, appropriateness, comprehensiveness, and bias of online information sources
- To work independently and collaboratively, communicate effectively, and become responsible, competent, confident, reflective, and creative users of computing technology in commerce field.

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 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 Ray	PUT UNVOSHI RAVINONA
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9	siput	
(Name and	Signature of the Candidate)	

	PER	TICU	LAR OF CANDIDATE
1.	Name in Full (Surname First)	:	Rajput Urvashi Ravindra Surname Name Father/Husband
	Name	2.1	Nulley with a second second
2.	Address for Correspondence	÷	Vidhya, Vihar colony, shirpur
3.	Email Id	a.	urvashioo@ Gmail.com
4.	Phone No/Mob. No	:	4067454500
5.	Father's/Husband Name	•	Rajput Ravindra Vijay
6.			male
7.	Sex(Male/Female)	•	Male
8.	Nationality		India

9. Date of Birth (dd/mm/yy)

9. Date of Birth (dd/mm/yy) : 09 105 2004 10. Put the tick () mark(s) in the Appropriate box (es) Applicable in your case

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Value Added Course Dept. Of <u>Defence Studies</u> 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 corrons – 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 M		e Dept. Of I ourse 2021-		Carlos a							
		Cours	e Name:- C	YBER SECUI	RITY COURS	Æ							
	Value Added Course Student Attendance with Signature												
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Dr.R.S.Pawar

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 <u>Cyber Security Course</u> Academic Year - 2021-2022 PERTICULAR OF CANDIDATE

TSN.

1	Name in Full (Surname First)	:	Potadar Trupti Bhanudas.
2	Father/Husband Name	:	Potadar Bhanudas Madan
3	Mother Name	:	Surekha Potudar
4	Address for Correspondence	:	Alp. shingave Tal. shippin
5	Mob. No.	:	7620341243
6	Email Id	:	truptipuladar 43@gmail.com
7	Date of Birth	:	28-12-2003
8	Place of Birth	:	Shirpur Bist-Dhule
9	Category	:	013 C
10	Family Annual Income	:	90,0001 -
11	Last qualified examination	4	FYDA
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 fouls of incorrect, my admission is able to be cancelled.

Date:	17 18 20 21	Signature -	Potoclarta.	
Place:	shirput		Pojulas Frupti	13.



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	ТН	50	42
DEF-04	Practical work	PR	50	5741

Result: Pass

Marks Obtained: 83

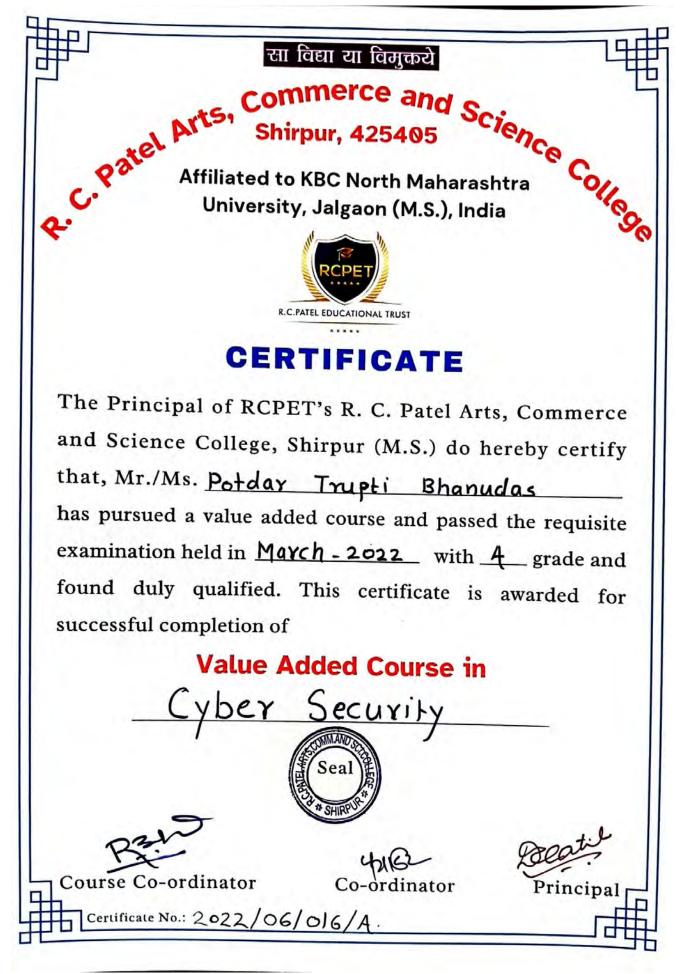
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Grade: A

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

Value Added Course: Soap and Detergent Making



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:

- 1.1 Classification, structure and sources of oil and fats
- 1.2 Natural sources of oils and fats in India

Unit-2: Soaps:

- 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:

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:

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 ethoxylatesplants and processes.

4.4 Sulphonation of alkyl benzene, olefins & vegetable oils, plants and processes.

Practical's:

- Determination of physic-chemical characteristics of oil and fats 4.
 - 1. Moisture content
 - 2. Acid value

(10 hours)

(7 hours)

(7 hours)

(6 hours)

- 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:**

- Ajay Kr. Gupta, Handbook on Soaps, Detergents & Acid Slurry, 3rd revised edition; NIIR Board publication. ISBN: 9789381039472
- P. K. Chattopadhyay, Modern Technology of Soaps, Detergents & Toiletries (with Formulae & Project Profiles) 4th Revised Edition, NIIR Board publication; ISBN: 9789381039700
- H. Panda, Herbal Soaps & Detergents Handbook, NIIR Board publication; ISBN: 9789381039007.

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

<u>Time Table of Course Lectures (2021-22)</u> <u>Soap and Detergent Making</u>

• 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	guty	7/12/21	8/12/21	9/12/21	10/12/2	121279		1-11-1		14127 L.R.B
1.	BAGALE LEENA RAMANAND	L.R.B	L.R.B	L.R.B	2.R.B		2.R.B	Land	2-R.B	L.K.B	
2.	CHAUDHARI PRASAD CHANDRAKANT	paudhon	Thaudhar	haudhor	Tandraid	Charebos	handhan	Erenathor	hausha	Charrel	Gragh
3.	BHAVAR DURGESH DASHRATH	Durgest	Diogel	Jungest	0	\Im - 1	and	Hereach	pagesh	Lurges	Dangsh
4.	GAVIT RUTIK DASU	- trandie	T no	10 -010	h and	Dialo	a 2 ridi()+	Danding	Dula.	Pares .	HE -
5.	CHAVAN JITENDRA RAMESH	Jehava	Tchava	Lichava	Jehavar	Jehavar	Jehavan	Jehavan	chava	_ Ichave	to tota
6.	PATIL JITENDRA MANOHAR	Datel:		Datt:	Patril:	Start 1:	Samt:	Lond-	frant.	1 million	4
7.	PATIL KHUSHAL NARAYAN	232110	2 stallm	2921100	2g21m	2012110	25 great	292110	2321103.	2321103	act a
8.	GIRASE NEHA PRAKASH	Broke	Graha	Greek	Gruna	Citera	Todo	Geta	Eda		
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10.	PATIL SRUSHTI KIRAN	Storuti	smiti	trut	struts	Amits	Straute	Arouti	strub	smil	(n 20
11.	GIRASE MANASI HEMENDRASING	Tenter	War	most	Cer	mar	me	met	ME	me	
12.	PATEL SIDDHI RAJESH	Palsa	HAED	मिर्छ	सिद्धी	मिष्ठा	Fried	PASON	FIERE	PARCI	AUSTEDA
13.	WARULE SWAPNIL DADAJI	Bugn	detern	decho	Bron	(P	Swan		P. Onor	1200	
14.	SHIRSATH PALLAVI ASHOK	shired	horsell	sprall			christ	-	Sprosall		
15.	PATIL SAGAR KANTILAL	SK. Pati	1 s.k. Aut	らしたわめ	1 s.k.kdil	s-K-Patil	SK. Pati		0.	-	1 1 1
16.	PATEL MANISH JAGDISH	(m) Pale	4 m Pats	1 m Patel	meate	mate	Clote	most	matel	mPate	1 mpaty
17.	RAJPUT ROHINI CHANDRASING	Richi	Protie	Prohi	Rachia	Rathi	Protion	Postina			? Propher
18.	SONAWANE TRUPTI SHAMKANT	Some	Son	Gon	Som	Som	Som	Gon	'Some) Gom) Gon
19.	PATIL ABHAY MANOJ	ABI	AD	Ad	-AD)	(AG)	AD	AD	AD	70)	XB)
20.	RAJPUT YOGESH HARSING	Y.H.R	4-H-R	- Y.H.P	2. N.H.F	2 7. 4. 8	1.1-1.R	- 7.11.12	7.H.	2 4. 4.1	K Y.H.K
21.	SHELAR ANANDA YADAV	5.200	Q 5.2110	105.2110	4.5-2110	10 5-2110	d 5:211G	65.2714	TE.20.	GO 5:211	ad.5.2110
22.	SONAWANE VISHAKHA RAJENDRA	5	- 5	- 55	- XE	-5	F	X	5	X	F
	Camina de Camina de Calina			Dept	Ertmer	EMAD .	achal Sci.Co	try	2		

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 Dairy Microbiology

> Chaudhari Prasad Chandrakant (Name and Signature of the Candidate)

PERTICULAR OF CANDIDATE

1.	Name in Full	:	Chaudhari Surname	Prasad Name	Chandrakant Father Name
2.	Address for Correspondence	: A/	P- Nandurbar		
3.	Email Id	: pra	asadc2002 @gma	ail.com	
4.	Mob. No	: 73	04818915		
5.	Father's Name	: Pra	asad Chandrakan	t Chaudhari	
6.	Sex(Male/Female)	: Ma	le		
7.	Nationality	: Inc	lian		
8.	Date of Birth (dd/mm/yy)	:16/8	3/2001		

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

Dr.D.R.Patil

Principal R.C.Patel Educational Trust's R.C.Patel Arts, Comm.&Sci.College Shirper, Dist.Dhule 425 405



- 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 fouls of incorrect, my admission is able to be cancelled.

Date: 1/12/2021

Place: Shirpur



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	
CHM01	Detergent Making	ОИТН	50	5742	
СНМ02	Detergent Making	РТ	50	45	

Result: Pass

Marks Obtained: 87

Grade: O

MAND SHIR

Co-ordinator

Abbreviations:

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



R. C. Patel Art's Commerce and Science College, Shirpur Department of Physics and Electronics

Value Added Course

Understanding Physics using MATLAB.

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

Semester	Cours e Code	Course Categor y	Hours / Week	Credit s	Marks for Evaluation		ation		
	PHY-001	VALUE			TH	PR	Total		
Ι		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	 To provide PG students with a comprehensive understanding of key Physics principles and concepts. To equip students with advanced MATLAB programming skills tailored for physics applications. To foster critical thinking and problem-solving abilities in the context of physics problems and simulations. To encourage independent research and project work applying MATLAB to physics-related challenges. 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
п	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
ш	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 (Principal)

Time Table

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
4-5	21/02/2022	22/02/2022	23/02/2022	24/02/2022	25/02/2022	26/02/2022	-
pm							
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.	Students Name					Students	s Signatu	re			
No		21/02/	22 22/02	23/02	24/02	25/02/2	26/02/2	28/12/2	202/03	03/03	04/03/
1	Badgujar Manjusha Sunil	metal	metade	mstaly	madely	melant	mebady	motory	mahada	AB	marca
2	Bedse Kavita Pratap	Kauto	thank	- Kensta	herring	Kenita	Konita	Thereita	11-		Kenite
3	Birhade Amrapali Anand	AA3	AB.	AB	AB	AB	AB	AND	Ats	AB	ADS
4	Deore Sakshi Nimbajirao	alcon	Riene	Seene	SUCOM	Heore	SHEOX	Glen	Reox		NICO
5	Gavit Kalpana Ramesh	AB	Keypana	-21	21		Filow	Haloma		Kalpen	111
6	Girase Trupti Premsing	OF	GP.	GEP.	AB	GP.	GR	GR	F.C.	AB	GF.
7	Jain Poonam Pratapmal	Ppor	Pezin	Ppzin	Ppin	PPJin	Pppm	PPyino	PPyrum	PP Jan	ppjan
8	Jaware Goral yogesh	yzeth	yrggh	yogeth	yogen	yoggh	yogen	yzeh	yrgen	ysych	yzie.
9	Mali Tejaswini Prakash	Lejasuin	Logar	AB	AB	Lepan	Leipequi	Legeun	Leijasun	Leiperuin	Lujasu
10	Patil Khushali Nitin	FINP.	okp	KAP	INP.	ow.	TANP.	KNP	AB	TRAP	KNP.
11	Patil Nayana Rajendra	Man	Har	Har	Non	Nan	Han	Nan	Nan	Mara	Han
12	Gavali Priya Rajendra	Gooda	Gorita	Gpriya		0	Goriya		Goriya	Gprigu	Crenta
13	Pathak Ankita Anant	A	OFP	A	A	A	A	OF	a.	48	the
14	Patil Gauri SatishChandra	En	Era	Tren	Form	Im	Em	Da	Gar	Dow	Sice
15	Marathe Bhagyashri Sakharam						Dinasi			BMand	Bmart
16	Patil Kanchan Kantilal	AB	FKP.	8kp	-KRP	KIP	KAR	the	SSR?	SKP	AB.
17	Rajput VrushaliDevi Vijaysing	Raypun	Rajon	RAPIN	Railey	Rappan	Raypun	Rajan	Raying	Raynan	Rypin
18	Deore Ganesh Rajendra	in the second	Grenish (0	and a	Gonesh	-		Ganesh (ganesh (
19	Hake Lahu Namdeo	Lahu	Lahre	Jahr	Lahe	Lahr	-	Lech	AB.	Jahr	Jahr
20	Pawar Lina Kiran	LKP	LKP	LKP	LKP	LKP	LKP	LKP	LIEP	LKP	LKP
21	Sabe Divya Satish		Sols.	S.08	SAS	SAS .	SAS	SAS	303	SAS	SOS
22	Sonawane Ashvini Amrut		-		-	Tran	vane the		France	and the	onuina
23	Patil Vaishnavi Uday					AB	Vaishali	AB	Vaishal?	Vaisheli	
24	Solanki Gayatri Jagdish	Equatio	Sound	Smath	Prusati		Brayatri (
25	Valvi Yamuna Kella	Vinini	Mamini	Sprini	Yaming	yamini	Vamini	Vamini	Vamini	Yamini	yamin
26	Gosavi Chhava Pandurang	Gehbyy	Gehhavya	Gethery a	Gehhaya	Gthhaya	Genney 9	Gehhava	Getherya	Grybarya	Greyhay
27	Kazi Ataurrehman Ejazahmed	de	AR	2404	AL	aker	sheep	appl	AB	All	SKA
28	Mali Jitendra Prabhakar	Trais	- mai	enui	- nai	mai	- Email	Imais	Mari	mai	mai

and Miss. P. B. Sonawane

(Name of Teacher)

bal 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.	Students Name					Student	s Signati	ire			
No		05/03	07/03/24	08/03/2	09/03	10/03/2	2 11/03/24	12/03/20	14/03/20	-15/03/2	2 16/03/2
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3	Birhade Amrapali Anand	MB	AB	AB	AB	AB	100	AB	TAS	Ato	TAS
4	Deore Sakshi Nimbajirao	THOM	AB	ALPON	Theor	Heor	Alcon	Henr	Alox	SUIO	ALONE
5	Gavit Kalpana Ramesh	AB.	Kalpan	Keilpana	- Cou		1000	Kelaina	111	Thate	Koltor
6	Girase Trupti Premsing	AB	STP	OP.	AB.	OP	CITP	AB	AB	CTE	GR
7	Jain Poonam Pratapmal	Ppjain	PPJam	Ppjan	PPJan	Ppjan	Ppjim	Ppjin	PPjan	PPyin	Ppjan
8	Jaware Goral yogesh	yogsh	Argash	AR	yageth	yogul	AB	yaget	yogegh	yraych	pges
9	Mali Tejaswini Prakash	Legaquin	AB	Teramini	Typair	Teraquin!	Lesasuri	Tiasun	AB	Liasur	Leigun
10	Patil Khushali Nitin	KIP	HUP.	HAP.	HADP.	ANP.	AB	KNS.	KAP	KAP.	SW.
11	Patil Nayana Rajendra	THE F	Aton	Ann	Na	Nai	Na	Var	Har	Man	then.
12	Gavali Priya Rajendra	Ganiyy	(sprive	AB	AB	Grigg	GPNig	Gerviya	Gamiyo	AB	Coping
13	Pathak Ankita Anant	A	W.	VAR	A	A	ap/	AL II	A	A	A de
14	Patil Gauri SatishChandra	Gon	Ton	Gen	For	Sou	8	R.	Som.	Em:	Sar
15	Marathe Bhagyashri Sakharam	and the second se	- Cur	Tomast	15 marge		BMazer	FOLMOOH	TO MODEL	prime	BMarg
16	Patil Kanchan Kantilal	the	TOP	THE	fall?	KKP.	TKRP	RKP	A	TKP	CKKP.
17	Rajput VrushaliDevi Vijaysing	Rajan	Ramp	Raipy	Raigun	Raypun	Rayan	Reigny	Raipy	PALPUN	Ratter
18	Deore Ganesh Rajendra	121	100	Ganesh	1211		6	- L'A	Graneth	Dareth	Graneth
19	Hake Lahu Namdeo	Lahr	Jach	Lauhn	Lahr	Lake	Lahr	Jack	AB	Lake	Jahu
20	Pawar Lina Kiran	LKP	LKP	LAP	LKP	LKP	IXP	LKP	LKD	LKP	LKP
21	Sabe Divya Satish		SAS	8.03	308	8193	803	3193	SES	5.0s	305
22	Sonawane Ashvini Amrut		~						-	~	
23	Patil Vaishnavi Uday	Pondu Vanha	ANE AB	1464	Ponau	an po	Vaidrali	Ponaw	AN PO		
24	Solanki Gayatri Jagdish	Laughen					Brayati			alshall	AB
25	Valvi Yamuna Kella						yamung		Hanung		1yumune
26	Gosavi Chhaya Pandurang			Gechhaya							Grehhens
27	Kazi Ataurrehman Ejazahmed	Ch X	del	dkgs.	AD!	alle	der	degre	dea	atai	allos
28	Mali Jitendra Prabhakar	744	12	The	dia si	mani	100	1 al al	1	talau	1
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for

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

Dr. A. M. Patil

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.	Students Name					Students	0				
No		17/03/22	19/03/22	21/03/22	- 22/03/2	23/03/22	24/03/22	25/03/22	26/03/22	28/03/2	29/03/
I	Badgujar Manjusha Sunil	mstad	malada			mesan		AB	metaly	msbran	metalto
2	Bedse Kavita Pratap	henita	Keinita	theuita	Keinita	Merry 49	Karifa	1 -	Kanta	AB	havida
3	Birhade Amrapali Anand	AB	AA3	AS	AAS	AB	AD	AAS	AB	AB	AAS
4	Deore Sakshi Nimbajirao	Mecx	SHOW	Heox	Aleon	Alenz	Binx	Aco	ALOX	TOLOX	Sicor
5	Gavit Kalpana Ramesh	Kaloang		Keypen	AB	Kaluana		111	haller	1.	Kalper
6	Girase Trupti Premsing	AB	GP?	AB	GP	GTP	GP	OTP.	GP.	GP	GR
7	Jain Poonam Pratapmal	Perain	Agam	AB	PPJaun	PSJain	Ppjan	Ppjain	Ppjan	ppjan	. FRiam
8	Jaware Goral yogesh	Jagah	AB	Jogah	yogen	yogen	AB	yoged	yoges	AB	yogen
9	Mali Tejaswini Prakash	Lejaguin	Lagari	Laporis	Lojasu.	Leiashi	- Lijasui	AB	Fajasuni	Licour	AB
10	Patil Khushali Nitin	Kheral	Thubali	thefred	Khighad	theghed:	Khiela	Sheehol	Etyshay)	Chiebal.	Anitho
11	Patil Nayana Rajendra	Non	Dan	Ada	Ma	Na	Har	Pans		Ataur	XDar
12	Gavali Priya Rajendra	Peravili	PGranati	and the second second	A CHERT	PGraval;					Phona
13	Pathak Ankita Anant	UF.	B	TAK	a	A	A	-	VP.	C.	40
14	Patil Gauri SatishChandra	Contra	Gran	Gar	Fran	Epas	Eas	an	Gati	Some	Trac
15	Marathe Bhagyashri Sakharam	BMON	Brandi			Brandts	BManco	BMaratt	Brand	Bmonst	PO mora
16	Patil Kanchan Kantilal	KSP.	FRP.	AB	KKP	AB	KKP.	200	AB	KEP	AB
17	Rajput VrushaliDevi Vijaysing	Rappal	Rappy	Rejous	Raypin	Rayers	Raipur	Reypus	Raypen	Refpun	Ratpu
18	Deore Ganesh Rajendra	F-UI /	Danert			Ganesh	Granesh	Grange		Ganest	Gener
19	Hake Lahu Namdeo		Louh		Lach.		Lahu	Lacher	Lahu	AB	AB-
20	Pawar Lina Kiran	LKP	MSP	LKP	LKP	LKP	LKP	LKP	EKP	LKP	LICP
21	Sabe Divya Satish	505	SAS	SAS	SAS .	505	SPS	SUS	SDS	SDS	SAS
22	Sonawane Ashvini Amrut			~		bnewane	Anna	and Theory	AFRINA	nation	Benar
23	Patil Vaishnavi Uday			Vaishnau		AB	Vaishnai	Vailhoau	AB	Vairhnai	Vatihna
24	Solanki Gayatri Jagdish	Sayatos 1	~ · · · ·	Sayatori (Sayator	Bayatin	Broyati	(Sayabi)	Sayato (Soutabo
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An

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

Pelatri

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

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R.C.Patel Educational Trust'

R.C.Patel Arts Commerce and Science College

Shirpur, Dist-Dhule, M.S. 425405

(NAAC Accredited Institute)

To,

The Principal

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

Shirpur

Sir,

I wish to get admitted to as Students for the Understanding Physics using

Brazatha

(Name and Signature of the Candidate)

MATLAB

5. Father's/Husbund Name : Sakharam Hiraman Kadam
in Fabrian Fabrian
6. 7. Sex(Male/Female) : Female. 8. Nationality : Indian

PERTICULAR OF CANDIDATE

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 Morth Manarashtra University , Jas
- c) Name of the college R.C. Pater A.C.S collage isnippur
- 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) g) Particulars of regular examination 1600/1800 (88,89). 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 fouls of incorrect, my admission is able 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	ТН	50	49
РНУ-02	Problems in physics Using MATLAB	РТ	50	47

Result: Pass



Grade: O

Co-ordinator

Abbreviations:

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





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

Department Computer 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)

15 Hours

15 Hours

Unit I

- 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

- 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, ArraryList, 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.Demosntrate 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.

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

Department of Computer Science Value Added Course of Web development

Headed the Department

A.Y- 2021-22 Application for the Value Added Course -For Office Use only 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 Poli Pranali Bhatu. (Name and Signature of the Candidate) PERTICULAR OF CANDIDATE Pronoli Bhatu Patil : 1. Name in Full Father/Husbund (Surname First) Name Surname Al-post, Thalner, shirpur Name 2. Address for Correspondence : : Patilpronaliz203@omail.com. 3. Email Id : 9545077817 4. Phone No/Mob.No : Patil Bhatu Kashinath 5. Father's/Husbund Name 6. : Female 7. Sex(Male/Female) : Indian 8. Nationality 9. Date of Birth (dd/mm/yy) : 22(03/2002 10. Put the tick () mark(s) in the Appropriate box (cs) Applicable in your case PH DSP NT-2 NT-3 SBC Open OBC N'I'-1 DT ST SC P.II: Physically Handicapped ; DSP : Ward of Defence 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- 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	ТН	50	46
CS-04	Practical on Web	OPR	50	ST ₄₇

Result: Pass



Grade: O

Co-ordinator

Abbreviations:

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