



**Rayat Shikshan Sanstha's**  
**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur**  
**Dist- Ratnagiri, 416702 (MH)**

Affiliated to University of Mumbai, Mumbai  
(Reaccredited with 'B' grade by NAAC/Best College Award by University of Mumbai)

**7.2.1 Describe at least two institutional best practices (as per NAAC format given in next page)**

**Best Practice-I**

**1. Title of the practice: Biodiversity and its conservation**

**2. Goal of the Practice:**

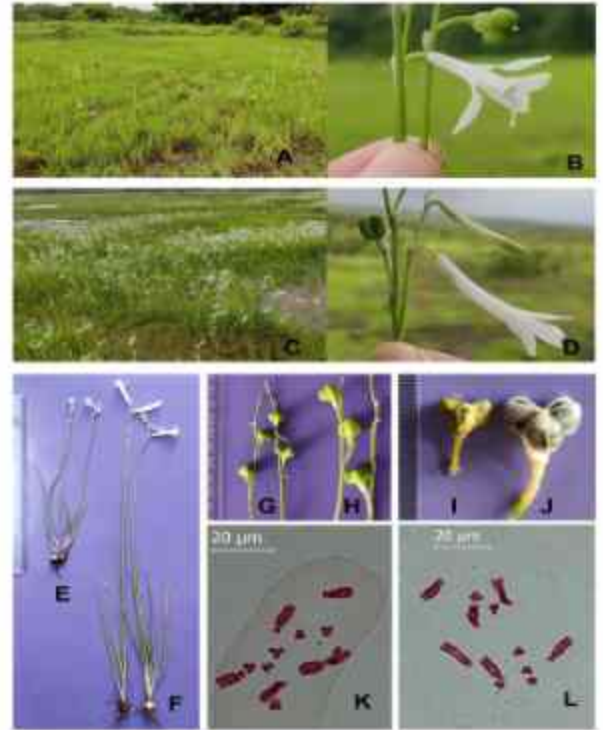
- To preserve the diversity of species.
- Sustainable utilization of species and ecosystem.
- To maintain life-supporting systems and essential ecological processes.
- To promote plantation of native, ecologically significant plant species.
- To create awareness among the stakeholders to understand biodiversity and its conservation
- To develop skill among the students to prepare seedling, green manure and to identify the plant species.

**3. The Context:**

The main aim of this activity to conserve biological diversity. The purpose of this practice is the protection and sustainable use of biodiversity of local significance in ecosystems in developing nations. The activity focuses on lessons for science, for public policy and management, for increasing the participation of local students in conservation, decision-making, and for increasing partnerships and capacity building.

The institute professor and researcher Dr. A. N. Chandore and his research team explores new species *Dipcadi janae-shrirangii* is described and illustrated as a new species from the lateritic plateaus of Konkan region of Maharashtra, India. The new species is allied to the *D. concanense* (Dalzell) Baker, but differ in its small flowers and perianth tube as

long as the lobes. Coloured photographs, illustrations of new species and key to the Indian species of *Dipcadi* having shiny white flowers and brownish black seeds



*Dipcadi janae-shrirangii*

Our institute professor and researcher Dr. A. N. Chandore and his team also discovered another new species *Shrirangia*, a new monotypic genus of the family *Apiaceae* from low elevated lateritic plateaus of south Konkan region of Maharashtra, India is described and illustrated with a new species, *Shrirangia concanensis*. The new genus is related to Himalayan genus *Chamaesium* H.Wolff by the characters of: many (ca 10) ribbed fruit, primary and secondary types of ribs present but very distinct from it by having tuberous habit, ternate to bi-ternate leaves, commissure plain undulate with 6-7 secondary ribs and vallicular and second types of vittae at dorsal face.





*Shrirangia*, a new monotypic genus of the family *Apiaceae*

#### 4. The Practice:

Realistic, careful planning in determining the level of effort is absolutely key to biodiversity and conservation. The scope of work and requisite level of effort are determined by the availability of information, nature and extent of ecosystems and threats, and complexity of the Mission's strategic plan.

- For biodiversity conservation department conducts regular short term course every year the aims and objective of this course are as follows
  1. To aware students about biodiversity conservation concept
  2. To train students in this field
  3. To increase the public awareness
  4. To utilize the natural resources in a sustainable way
  5. To preserve the varieties of old and new flora, fauna and microbes
  6. To protect natural habitat
  7. To provide vast knowledge of potential use to scitific community.
  8. The genetic diversity of plants is preserved etc.

This course also provides practical skill to students regarding collection, germination and plantation of endemic plants of Western Ghats in Maharashtra, India. To study the plant

diversity using diversity indices. Identification and study of biodiversity rich areas of Ratnagiri and sindudurg, Maharashtra, india. In this 2021-2022 year department take initiative to cultivation of endemic plants in pots

- Cultivation of endemic and cultivated plants in pots

Department of Botany aims to nurture cultivated, ornamental, domestic, shade loving and endemic plants in the pots at college campus. Sum totals of 100 pots were brought in a passage near administrative office. A variety of cultivated, ornamental, domestic, shade loving and endemic plants were potted in the pots with the help of students and non-teaching staff of college. The purpose of this activity is to develop enthusiasm and scientific knowledge among students about plants from vicinity.

**Benefits to the Society:** This work will be helpful to save this endangered species of our country.

#### 5. Evidence of Success:

Students get benefited from short term course also gain knowledge about biodiversity conservation. Students get awareness about plant protection and their conservation.

#### 6. Problems Encountered and Resources Required:

Recent, current, and potential primary threats to biodiversity conservation whether they are ecological (i.e., fire, pests especially termites), related to human use (i.e., agriculture, contamination), or institutional (i.e., failed policy, economic) or transboundary issues as appropriate. These should emerge from a general assessment of conservation policies and strategies and their effectiveness, and issues related to institutional capacity, trade, resources available, and the role of students.



**Notes (Optional):**

**Contact Details:**

**Name of the Principal:** Dr. G. D. Harale  
**Name of the Institution:** Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts & New Commerce,  
Science College, Rajapur (V. G.), Dist.-Ratnagiri.  
Pin Code: 416702  
**Office Contact:** (02353) 221002/3  
**Website:** www.marathecollegerajapur.com  
**E-mail:** abasahebmarathecollege@gmail.com  
**Mobile:** +91 9869396929



*[Handwritten Signature]*  
J/c Principal  
A.M.A.R.N.C.S. College  
Rajapur, Dist. Ratnagiri.



**Rayat Shikshan Sanstha's  
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**SHORT TERM COURSE: BIODIVERSITY CONSERVATION**


**ANNUAL REPORT**

**2022-23**

Abasaheb Marathe Arts and New Commerce, Science College, Rajapur had run Short Term Course on "Biodiversity Conservation" in the months of January to March, in the academic year 2022-23. 19 students from B.Sc. completed the course successfully.

The teaching methodology behind the conservation of biodiversity was created by faculty of department of Botany. Through the experiential learning approach, the students to develop hands-on skills in conservation of biodiversity. It enabled students to understand how the biodiversity is conserved.

Dr. B. A. Sonar, conducted the course as course coordinator and all faculty members of Botany department guided the students during the course in our college. Overall, the course was an eye opener for the students and with an extremely enjoyable experience.

  
Dr. B. A. Sonar  
Course Coordinator



  
Head

MSAD  
Department of Botany

A.M.A. & N.C.S. College Rajapur

  
Principal

Principal

A.M.A. & N.C.S. College

Rajapur, (V. Gotline) Dist. Ratnagiri.



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**SHORT TERM COURSE: BIODIVERSITY CONSERVATION**

**Board of Studies, 2022-23**


Sr. No.	Name of the Person	Designation
1.	Dr. G. D. Harale (I/C Principal)	Chairman
2.	Dr. S. R. Mesrty (Vice Principal Arts Faculty)	Chairman, Short Term Course
3.	Dr. B. A. Sonar	Course Coordinator
4.	Mr. G. B. Pawar (Head, Department of Botany)	Member
5.	Dr. S. K. Kamble	Member

**Minutes of Meeting**

The meeting of Board of studies for Short Term Course in Biodiversity Conservation was held on 6<sup>th</sup> December 2023 in the Department of Botany and for the same following members were present and following points were discussed.

1. Enrollment of the students
2. Course implementation
3. Distribution and completion of syllabus
4. Fee Structure

  
Course Coordinator

  
HEAD  
Department of Botany  
Short Term Course  
A.M.A.&N.C.S. College, Rajapur

  
Chairman,

  
IQAC Coordinator

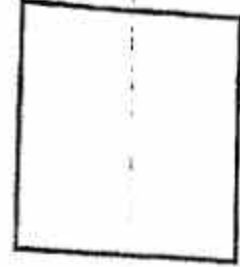
  
Principal  
A.M.A.&N.C.S. College  
Rajapur, (V. Gathne)



Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College  
Rajapur - 416702. Dis : Ratnagiri

## Short-Term Course Admission Form

20 - 20



To,  
The Principal,  
Abasaheb Marathe Arts and New Commerce, Science  
College, Rajapur, Dist : Ratnagiri.

1. Name of the Candidate  
(Start with Surname) : \_\_\_\_\_
2. Name of the Course : \_\_\_\_\_
3. Educational Qualification : \_\_\_\_\_
4. Permanent Address : \_\_\_\_\_  
: \_\_\_\_\_  
: \_\_\_\_\_
5. Contact No : \_\_\_\_\_
6. Date of Birth : \_\_\_\_\_
7. Sex : \_\_\_\_\_
8. Category : Open/ SC/ ST/ NT/ OBC/ SBC/ Other : \_\_\_\_\_
9. Admission Session  
(With Date) : First Half / Second Half Date : \_\_\_\_\_
10. Medium : Marathi / English

Date : \_\_\_\_\_

Place : \_\_\_\_\_

Signature of the Candidate

For Office Use Only

I certify that the admission of Mr./ Miss. \_\_\_\_\_ for above  
maintained course has been confirmed / not confirmed.



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Department of Botany  
Short Term Course  
Biodiversity Conservation  
List of Admitted students  
2022-23

Sr. No.	Koll No.	Name of the Student	Signature
1	2022FS01	Amberkar Suraj Vijay	
2	2022FS02	Bahire Manasi Satish	
3	2022FS03	Balbale Tabinda Fatima M. Naushad	
4	2022FS04	Bawale pratiksha Rajendra	
5	2022FS06	Borkar Mahvish Tabish	
6	2022FS07	Chavan Sanket Subhash	
7	2022FS08	Cheulkar Subodh Suresh	
8	2022FS09	Joshi Sanjana Suresh	
9	2022FS10	Kabiraj Riya Sarjit	
10	2022FS14	Mandavkar Saurvi Sitaram	
11	2022FS17	Patel Manasi Nilesh	
12	2022FS18	Pujari Nandini Rajan Revati	
13	2022FS20	Shinde Shrutika Ravindra	
14	2022FS21	Shirke Pranay Prakash	
15	2022FS22	Shirsekar Siddhesh Santosh Pradnya	
16	2022FS23	Sogam Pranay Dipak	
17	2022FS24	Solkar Farhat Farooque	
18	2022FS25	Solkar Khadija Mainuddin	
19	2022FS26	Takale Shubhangi Vasant Sharada	

Coordinator

Head

Department of Botany

Rayat Shikshan Sanstha's  
**ABASAHEB MARATHE ARTS AND NEW COMMERCE, SCIENCE COLLEGE  
RAJAPUR**

Department of Botany

Short Term Course: Biodiversity Conservation

**AIMS & OBJECTIVES**

- Conservation of biological diversity leads to conservation of essential ecological diversity to preserve the continuity of food chain.
- The genetic diversity of plants and animals are preserved.
- It ensures the sustainable utilization of life support system on earth.
- It provides a vast knowledge of potential use to the scientific community.
- A reservoir of wild animals and plants is preserved, thus enabling them to be introduced, if need be, in the surrounding areas.
- Biological diversity provides immediate benefits to the society such as recreation and tourism.
- Biodiversity conservation serves as an insurance policy for the future.
- To protect natural habitat.
- To preserve all varieties of old and new flora, fauna and microbes.
- To protect all critically endangered, endangered and rare species.
- To reduce pollution.
- To maintain ecological balance.
- To utilize the natural resources in a sustainable way.
- To increase public awareness.



Short Term Course in Botany: Biodiversity Conservation

Duration of Course 3 Months

Total lectures (20)

THEORY SYLLABUS

Unit 1. Plant Biodiversity:

(08)

- 1.1 Definition.
- 1.2 Diversity of flora found in various forest types of India.
- 1.3 Importance and status of plant diversity.
- 1.4 Causes of loss of plant diversity.
- 1.5 Conservation of plant diversity.
- 1.6 Study of plant diversity indices.

Unit 2. Animal Biodiversity:

(08)

- 2.1 Definition.
- 2.2 Diversity of fauna found in various areas of India.
- 2.3 Importance and status of animal diversity.
- 2.4 Causes of loss of animal diversity.
- 2.5 Conservation of animal diversity.

Unit 3. Biodiversity Act of India

(02)

PRACTICAL SYLLABUS

1. Study of endemic plant species from India with special reference to Ratnagiri & Sindhudurg Districts (Western Ghats).
2. Collection, germination and plantation of endemic plants of Western Ghats.
3. Biodiversity conservation awareness program.
4. Study of endemic animal species of Western Ghats.
5. Study of plant diversity using diversity indices.
6. Study of animal diversity using diversity indices.
7. Identification and study of biodiversity rich areas of Ratnagiri & Sindhudurg Districts.
8. Comparison of biodiversity using Sorenson Index.

## References

- Groom, M. J., Meffe, G. R. and C. R. Carroll. 2006. Principles of Conservation Biology. Sinauer Associates, Inc., USA.
2. Krishnamurthy, K. V. 2003. Textbook of Biodiversity. Science Publication.
  3. Primack, R. 2006. Essentials of Conservation Biology, Sinauer Associates, Inc., USA.
  4. Hambler, C. 2004. Conservation. Cambridge University Press.
  5. Van Dyke, F. 2008. Conservation Biology Foundations, Concepts, Applications 2nd Edition, Springer.
  6. Chopra RN, Nayer SL, Chopra IC (1956) Glossary of Indian Medicinal Plants. Council of Scientific and Industrial Research, New Delhi, pp 43
  7. Takhtajan A (1969) Flowering plants: origin and dispersal Edinburgh: Oliver & Boyd





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Department of Botany  
Short Term Course  
Biodiversity Conservation

Time Table

2022-23

Month	Week	Time		
		Theory (Wednesday)		Practical (Saturday)
		8.30 am to 9.20 am	2.30 to 3.20 pm	12.10 to 2.40 pm
January	I	SKK	BAS	GBP
	II	GBP	SKK	BAS
	III	BAS	GBP	SKK
	IV	GBP	SKK	BAS
February	I	BAS	GBP	SKK
	II	SKK	BAS	GBP
	III	GBP	SKK	BAS
	IV	BAS	GBP	SKK
March	I	GBP	SKK	BAS
	II	BAS	GBP	SKK
	III	SKK	BAS	GBP
	IV	GBP	SKK	BAS

Coordinator

Head

Department of Botany





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Department of Botany

Short Term Course

Biodiversity Conservation

Theory Attendance

2022-23

Sr. No.	Roll No.	Name of the Student	9/1/22	11/1/22	13/1/22	15/1/22	17/1/22	19/1/22	21/1/22	23/1/22	25/1/22	27/1/22	29/1/22
1	2022FS01	Amberkar Suraj Vijay	P	P	P	P	P	P	P	P	P	P	P
2	2022FS02	Bahire Manasi Satish	P	P	P	P	P	P	P	P	P	P	P
3	2022FS03	Balbale Tabinda Fatima M. Naushad	P	P	P	P	P	P	P	P	P	P	P
4	2022FS04	Bawale pratiksha Rajendra	P	P	P	P	P	P	P	P	P	P	P
5	2022FS06	Borkar Mahvish Tabish	P	P	P	P	P	P	P	P	P	P	P
6	2022FS07	Chavan Sanket Subhash	P	A	A	A	A	A	A	A	A	A	A
7	2022FS08	Cheulkar Subodh Suresh	P	A	A	A	A	A	A	A	A	A	A
8	2022FS09	Joshi Sanjana Suresh	P	P	A	A	A	A	A	A	A	A	A
9	2022FS10	Kabira Riya Sarjit	P	P	A	A	A	A	A	A	A	A	A
10	2022FS14	Mandavkar Saurvi Sitaram	P	P	P	A	A	A	A	A	A	A	A
11	2022FS17	Patel Manasi Nilesh	P	P	P	P	P	P	P	P	P	P	P
12	2022FS18	Pujari Nandini Rajan Revati	P	P	P	P	P	P	P	P	P	P	P
13	2022FS20	Shinde Shrutika Ravindra	P	P	P	P	A	A	A	A	A	A	A
14	2022FS21	Shirke Pranay Prakash	P	A	A	A	A	A	A	A	A	A	A
15	2022FS22	Shirsekar Siddhesh Santosh Pradnya	P	P	A	A	A	A	A	A	A	A	A
16	2022FS23	Sogam Pranay Dipak	P	P	P	P	P	P	P	P	P	P	P
17	2022FS24	Solkar Farhat Farooque	P	A	A	A	A	A	A	A	A	A	A
18	2022FS25	Solkar Khadija Mainuddin	P	P	P	P	P	P	P	P	P	P	P
19	2022FS26	Takale Shubhangi Vasant Sharada	P	P	P	P	P	P	P	P	P	P	P

*[Signature]*  
Coordinator

*[Signature]*  
Head  
Department of Botany

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**Department of Botany**  
**Short Term Course**  
**Biodiversity Conservation**  
Practical Attendance

2022-23

Sr. No.	Roll No.	Name of the Student	1/10/22	15/10/22	21/10/22	28/10/22	4/11/22	11/11/22	18/11/22	25/11/22	2/12/22	9/12/22	16/12/22
1	2022FS01	Amberkar Suraj Vijay	P	P	P	P	P	P	P	P	P	P	P
2	2022FS02	Bahire Manasi Satish	P	P	P	P	P	P	P	P	P	P	P
3	2022FS03	Balbale TabindaFatima M.Naushad	P	P	P	P	P	P	P	P	P	P	P
4	2022FS04	Bawale pratiksha Rajendra	P	P	P	P	P	P	P	P	P	P	P
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6	2022FS07	Chavar. Sanket Subhash	P	P	P	P	P	P	P	P	P	P	P
7	2022FS08	Cneulkar Subodh Suresh	P	A	P	P	A	P	P	P	P	P	P
8	2022FS09	Joshi Sanjana Suresh	P	A	P	P	P	A	P	P	P	P	P
9	2022FS10	Kabiraj Riya Sarjit	P	P	P	P	P	P	P	P	P	P	P
10	2022FS14	Mandavkar Saurvi Sitaram	P	P	P	P	P	P	P	P	P	P	P
11	2022FS17	Patel Manasi Nilesh	P	P	P	P	P	P	P	P	P	P	P
12	2022FS18	Pujari Nandini Rajan Revati	P	P	P	P	P	P	P	P	P	P	P
13	2022FS20	Shinde Shrutika Ravindra	P	P	P	A	A	P	P	P	P	P	P
14	2022FS21	Shirke Pranay Prakash	P	P	P	P	P	P	P	P	P	P	P
15	2022FS22	Shirsekar Siddhesh Santosh Pradnya	P	P	P	P	P	P	P	P	P	P	P
16	2022FS23	Sogam Pranay Dipak	P	P	P	A	P	P	A	P	P	P	P
17	2022FS24	So.kar Farhat Farooque	P	A	P	P	P	A	P	A	A	P	P
18	2022FS25	Solkar Khadija Mainuddin	P	P	P	P	P	P	P	P	P	P	P
19	2022FS26	Takale Shubhangi Vasant Sharada	P	P	P	P	A	A	P	P	P	P	P

  
 Co-ordinator

  
 Head  
 Department of Botany

### Notice

All the students of Short Term Course on "Biodiversity Conservation" are informed that the examination of the course will be held on 15 March 2023. Examination will be conducted in Botany Lab. Examination will be of 50 marks.



HEAD  
Department of Botany  
A.M.A.S.N.C.S. College Rajpur





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**SHORT TERM COURSE : BIODIVERSITY CONSERVATION**

Question Paper Pattern, 2022-2023

Time: 2 hours

Marks: 50

Que 1: Attempt the following

15 Marks

A  
Or  
B

Que 2: Attempt the following

15 Marks

A  
Or  
B

Que 3: Write a note on (Any Two)

10 Marks

A  
B  
C  
D

Que 4: Match the following

05 Marks

Que 5: True or false

05 Marks



Rayat Shikshan Sanstha's  
ABASAHEB MARATHE ARTS & NEW COMMECE, SCIENCE COLLEGE, RAJAPUR  
Department of Botany & Zoology  
Short Term Course: Biodiversity Conservation (15-16)

Time: 9:30am to 11:30 am

Marks: 50

- Note: 1. All questions are compulsory.  
2. Draw figures whenever necessary.  
3. Figure to right indicate full marks.

Q.1 Attempt the following 15

a) Define biodiversity and explain types of biodiversity.

OR

b) Give a detailed account on importance of biodiversity.

Q.2 Attempt the following 15

a) Explain in brief various causes of loss of plant biodiversity.

OR

b) What is meant by conservation of biodiversity? Add a note on strategies for conservation of biodiversity.

Q.3 Write a note on (Any two). 10

a) Advantages of In-situ conservation

b) Hot spots

c) Enlist biogeographical regions of India

d) Ex-situ conservation

Q.4 Match the following 05

1) Hot spots

2) Botanical garden

3) Protected area

4) Sanctuary

5) National park

a) Ex-situ conservation

b) Bandipur, Karnataka

c) North east Himalaya

d) Cold desert

e) Nandankanan zoological park

Q.5 True or false 05

- 1) Genetic diversity helps in speciation or evolution of new species.
- 2) Alpha diversity describes diversity of habitat over a total landscape or geographical area.
- 3) Seed gene bank is a In-situ type of conservation strategy.
- 4) Introduction of exotic species does not harm biodiversity.
- 5) Genetic techniques can be utilized in Ex-situ conservation.

\*\*\*\*\*

*Certificate*



Karmaveer

Royal Shikshan Samiti's

**ABASAHEB MARATHE ARTS AND NEW COMMERCE, IQAC**

**SCIENCE COLLEGE, RAJAPUR**

(Vilhare - Gothane) Tal: Rajapur, Dist: Ratnagiri

**Department of BOTANY**

**BIODIVERSITY**

**(2022-2023)**

**CERTIFICATE**

This is to certify that \_\_\_\_\_

*of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has successfully completed the 30 hours Certificate Course in Biodiversity organized by the Department of Botany from 1<sup>st</sup> January to 30<sup>th</sup> March, 2023.*

Dr. B. A. Sonar

Mr. G. B. Pawar

Assistant Head Department of Botany

Dr. G. D. Harale

Principal

QUEST FOR EXCELLENCE



Rayat Shikshan Sanstha's  
**Abasaheb Marathe Arts and New Commerce, Science College,  
Rajapur, Dist-Ratnagiri**

---

**Biodiversity Conservation**  
***Aponogeton nateshii* S.R.Yadav**

Faculty and Students of Botany Department visited and thoroughly studied the *Aponogeton nateshii* S.R.Yadav from lake located at Hurse (Jaitapur) (16.584837742884563, 73.40447903931454). The density of individuals was about 3000 plants per sqm. The elegant species was collected from the location and then transferred to nearby lakes of similar habitat.

The species is very unique but unable to grow in the variable conditions and found in only lake.



Natural Habitat of *Aponogeton nateshii* S.R.Yadav



Collection of mature inflorescence of *Aponogeton nateshii* S.R. Yadav



Collection of mature inflorescence of *Aponogeton nateshii* S.R. Yadav





Mature inflorescence of *Aponogeton nateshii* S.R.Yadav



New Plantlets from Nuts of *Aponogeton nateshii* S.R.Yadav





New Plantlets from Nuts of *Aponogeton nateshii* S.R.Yadav



  
I/C Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Rainagiri.



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**ALUMNI ASSOCIATION**  
**(2022-2023)**  
**ONE DAY WORKSHOP ON**  
**BIODIVERSITY CONSERVATION**  
**REPORT**

Date: 04<sup>th</sup> -March-2023

One day workshop on Bio-Diversity Conservation on Friday, 3<sup>rd</sup> -March-2023 at 10:00 am was organized by Alumni Association of the college. The main purpose of this workshop is to make students awareness about Bio-Diversity and its Conservation in the Konkan Region and Western Ghat, Also this workshop is about to make awareness of Conservation of endangered species in Konkan Region. Due to this workshop Alumni Association successfully achieved purpose of saving environment.

The speaker of this workshop was the Habiba A. Majid Sayekar Assistant Professor at Arts, Commerce and Science College, Lanja Tal: Lanja, Dist: Ratnagiri. She got an award of Excellence and Suffah Pride Teacher Award from Mitibai College. She delivered lecture on Bio Diversity in Konkan Region and Western Ghat and their Conservation.

Principal of the college Dr. G. D. Harale was the Chief Guest of this workshop and delivered a concluding speech for this workshop.

Dr. A. V. Bhawe , Head of Commerce department was present for the this workshop.

This workshop was organized by Chairman Mr. Karade G. R. of Alumni Association Committee, team members of the committee collaboration with Department of Botany and IQAC of the College.

Mr. G. B. Pawar the head of Botany department has given a Vote of thanks at the end of this workshop.

Chairman  
Alumni Association Committee





रयत शिक्षण संस्थेचे,  
आबासाहेब मराठे आर्ट्स अँड न्यू कॉमर्स, सायन्स कॉलेज राजापूर,  
ता. राजापूर, जि. रत्नागिरी.

IQAC आणि माजी विद्यार्थी संघ आबासाहेब मराठे कॉलेज (विखारे-गोठणे),  
ता. राजापूर, जि. रत्नागिरी.

एकदिवशीय कार्यशाळा  
जैवविविधता संवर्धन

शुक्रवार दि. ०३-मार्च- २०२३

वेळ : सकाळी १०.०० वा.

### कार्यक्रम पत्रिका

१. दीप प्रज्वलन व कर्मवीर  
प्रतिमा पूजन :- मान्यवरांच्या शुभ हस्ते
२. कार्यक्रमाचे प्रास्ताविक  
व परिचय :- प्रा. करडे जी. आर.  
(गणित विभाग प्रमुख व माजी विद्यार्थी संघ समिती प्रमुख)
३. मान्यवरांचे स्वागत :-मा. प्र. प्राचार्य डॉ. हराळे जी. डी.  
( प्र.प्राचार्य, आबासाहेब मराठे आर्ट्स अँड न्यू कॉमर्स, सायन्स कॉलेज राजापूर)
४. प्रमुख व्याख्याते :-मा. प्रा. हबीबा अ. मजीद सायेकर  
(कला, वाणिज्य व विज्ञान महाविद्यालय लांजा, ता. लांजा, जि. रत्नागिरी)
५. आभार :-प्रा. न्हावेलकर एस. टी.
६. सूत्रसंचालन :-प्रा. शेवडे ए. के.





रघत शिक्षण संस्थाने,  
आबासाहेब मराठे आर्ट्स अँड न्यू कॉमर्स सायन्स कॉलेज, राजापूर



**IQAC, माजी विद्यार्थी समिती आणि वनस्पतीशास्त्र विभागा**  
यांच्या संयुक्त विद्यमाने  
एकदिवशीय कार्यशाळा

## **जैवविविधता संवर्धन**

दिनांक : ०३-मार्च -२०२३ वार: शुक्रवार वेळ : सकाळी १०:०० वा.

अध्यक्ष: प्र. प्राचार्य जी. डी. हराळे

प्रमुख व्याख्याते :- प्रा. हबीबा अ. मजीद सायेकर

(कला, वाणिज्य आणि विज्ञान महाविद्यालय लांजा, ता. लांजा, जि. रत्नागिरी.)





**Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-  
Ratnagiri, 416 702 (MH)**

*Affiliated to University of Mumbai, Mumbai*

*Reaccredited with B<sup>+</sup> grade by NAAC/ Best college Award by University of Mumbai, Mumbai*

**ALUMNI ASSOCIATION  
(2022-2023)  
ONE DAY WORKSHOP ON  
BIODIVERSITY CONSERVATION  
PHOTO**

Date: 04<sup>th</sup> -March-2023



*@Karaoh*

**Chairman  
Alumni Association Committee**



*Jeeva*

**Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.**



Rayat Shikshan Sanstha's  
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Alumni Association  
One Day Workshop  
Bio-Diversity Conservation  
Lecture Presenty

Name of Guest : Prof. Habiba A. Majid Sayekar

Date: 03-March-2023

Sr. No.	Name	Sign
1	Zana Mubarak Sangrar	
2	Nimay Vinod Sankpal	
3	Sandesh Tularam Sawant	
4	Isha Anil Shelar	
5	Harshada maruti shirwarkar	
6	Rutika Satish Shirwarkar	
7	Tanmay Nandkumar shirwarkar	
8	Suraj Sahas Shringare	
9	Solkar Farhat Zainuddin	
10	Solkar Shadab Zainuddin	
11	Sarve Tarhan Shrikant	
12	Tambe Omkar Ravindra	
13	Tambe Rakshani Ramakant	



14	Tambe Sankeet Shaheed	<del>Sankeet</del>
15	Thakur. Bhakti Suresh	<del>Thakur</del>
16	thakur / vedant suresh	<del>thakur</del>
17	Arpita Anvind Tivramkar	Af. Tivramkar
18	Dakshata Prabhakar Tukaral	D.P. Tukaral
19	Siddhesh Shashikant Tukaral	<del>Sukaral</del>
20	Saijaj Nandakumar Wadekar	S.N. Wadekar
21	Rashan Ramchandna wairam	Rashan
22	Rashani Ravin Wairam	<del>Wairam</del>
23	Pranay Pradhakar Wareshi.	<del>Wareshi</del>
24	RUPALI Yashwant Buraskar	R.Y. Buraskar
25	Pranod Avinash Gurew	<del>Pranod</del>
26	Atifa simaj Naik	<del>Naik</del>
27	lehu Babu Yedge	<del>lehu</del>
28	vivek vikas Joshi	<del>vivek</del>
29	Kiran Sumit Kajave	<del>Kajave</del>
30	Sail Sandip Kambali	<del>Kambali</del>
31	Safa Sameer Naik	<del>Safa</del>
32	Hitenra tanaji sakkal	H.T. Sakhal
33	Rohit Rajendra Rokade	<del>Rokade</del>
34	Sayali Hemant Raylekar	<del>Raylekar</del>
35	Leauri Hemant Raylekar	<del>Raylekar</del>

36	Prajakta Ravindra Raut	<u>PRRaut</u>
37	Prachi Manohar Raghav.	<u>Praghav</u>
38	Nandini Prakash Pujari	<u>NPujari</u>
39	Vipul Vilas Pitulkar	<u>Vipulkar</u>
40	Karina Pradip Penkar	<u>Penkar</u>
41	Tanaya Vinod Pednekar	<u>Pednekar</u>
42	Divya Keshav Palasamkar	<u>Palasamkar</u>
43	Sneha Ankush Nimaje	<u>Nimaje</u>
44	Sonali Poojai Nawale	<u>Nawale</u>
45	Ahizem Gaffar Monshi	<u>Monshi</u>
46	Uraira Ashrafali Mungli	<u>Mungli</u>
47	Aqsa Samir Mulla	<u>Mulla</u>
48	Tejal Santosh Mulam	<u>Mulam</u>
49	Sanbet Gangaram Monde	<u>Monde</u>
50	Sakshat Chandrakant Monde	<u>Monde</u>
51	Kunal Pradip Monde	<u>Monde</u>
52	Kiran Ravikant Monde	<u>Monde</u>
53	Tejal Parnesh Pingule	<u>Pingule</u>
54	Siddhash Narayan Pingule	<u>Pingule</u>
55	Virendra Subhash Mestri	<u>Mestri</u>

Heer  
Principal

A-12, S. K. S. College  
Rajawade



Rayat Shikshan Sanstha's,  
Arts, Science & Commerce College Mokhada, Dist. Palghar- 401 604 (Maharashtra)

and  
Rayat Shikshan Sanstha's,  
Abasaheb Marathe Arts & New Commerce, Science College Rajapur, Dist. Ratnagiri-416702  
(Maharashtra)

Two Days National Workshop on  
"Floristic Diversity of Western Ghats, Konkan and Plateaus"  
(Date: 20<sup>th</sup> & 21<sup>st</sup> March 2023)

### Report of Workshop

Rayat Shikshan Sanstha's, Arts, Science & Commerce College Mokhada and Abasaheb Marathe Arts & New Commerce, Science College Rajapur is jointly organized Two Days National Workshop entitled "Floristic Diversity of Western Ghats, Konkan and Plateaus" on 20<sup>th</sup> & 21<sup>st</sup> March, 2023. This workshop is conducted from Project entitled "Floristic studies on ephemeral and herbaceous plants of lateritic plateaus of Ratnagiri District (Maharashtra)" file No. CRG/2019/003087" under, Scientific Social Responsibility (SSR) of Science and Engineering Research Board- Department of Science and Technology (SERB-DST), Government of India, New Delhi, by funded Project to Dr. A. N. Chandore (Department of Botany).

On first day of workshop, Dr. A. N. Chandore, Organizing Secretary of workshop (PI of Project) introduced the resource persons as well as the theme of workshop and Prin. Dr. L. D. Bhor, delivered presidential speech in the workshop. Dr. K. V. C. Gosavi from HPT & RYK College, Nashik, Dr. S. S. Kambale, from M.V.P. Samaj's Arts, Commerce and Science College, Tryambakeshwar and Dr. A. R. Gholave from K.V. N. Naik College, Nashik are the resource persons for first day (20<sup>th</sup> March 2023) and delivered talks related to Floristic Diversity, Endemism and Revisionary Work. Mr. G. B. Pawar, Dr. B. A. Sonar, and Dr. S. K. Kamble from AMC College Rajapur, chaired the sessions and expressed the vote of thanks of respective sessions.

SERB Workshop File No. CRG/2019/003087

1

Dr. A. N. Chandore  
Principal Investigator



On second day of workshop Dr. A. N. Chandore introduced the resource persons and Prin. Dr. G. D. Harale, delivered presidential speech in the workshop. Dr. N. V. Malpure from S.S.G.M. College, Kopargaon, Dr. Rutuja Kolte from Govindram Seksaria Science College, Belagavi and Mr. N. A. Madhav from Arts, Commerce and Science College, Shreewardhan are the resource persons for second day (21<sup>st</sup> March 2023) and delivered talks related to Konkan Plateaus Diversity and Revisionary Work. Mr. S. Y. Tayade, Mr. D. B. Borude and Mr. P. P. Bhalekar from ASC College Mokhada, chaired the sessions and expressed the vote of thanks of respective sessions. Total 27 teacher participants were attended this workshop.



**Dr. A. N. Chandore**  
PI of Project and  
Organizing Secretary of Workshop  
**Dr. A. N. Chandore**  
Principal Investigator  
Project entitled: "Floristic studies on  
and herbaceous plants of lateritic plateaus  
of Ratnagiri District (Maharashtra)"



Rayat Shikshan Sanstha's,  
Arts, Science & Commerce College Mokhada, Dist. Palghar- 401 604 (Maharashtra)  
and


Rayat Shikshan Sanstha's,  
Abasaheb Marathe Arts & New Commerce, Science College Rajapur, Dist. Ratnagiri-416702  
(Maharashtra)

Two Days National Workshop on  
"Floristic Diversity of Western Ghats, Konkan and Plateaus"

\*\*\* Programme Schedule \*\*\*

(Day 1<sup>st</sup>: Monday, 20<sup>th</sup> March 2023)

Session	Time	Resource Person /	Chair Person
Introduction of Programme	11:00 am to 11:10 am	Dr. A. N. Chandore PI & Organizing Secretary; ASC College, Mokhada	--
Presidential speech	11:10 am to 11:15 am	Dr. L. D. Bhor Principal, ASC College, Mokhada	--
Invited Talk-I	11:15 am to 12:45 pm	Dr. K. V. C. Gosavi HPT & RYK College, Nashik	Mr. G. B. Pawar AMC College Rajapur
Invited Talk-II	12:45 pm to 02:30 pm	Dr. S. S. Kambale ACS College, Tryambakeshwar	Dr. B. A. Sonar AMC College Rajapur
Invited Talk-III	02:30 pm to 04:00 pm	Dr. A. R. Gholave K.V. N. Naik College, Nashik	Dr. S. K. Kamble AMC College Rajapur

  
Dr. A. N. Chandore  
Principal Investigator

*Two Days National Workshop on Floristic Diversity of Western Ghats, Konkan and Plateaus  
(20th and 21st March, 2023)*



Rayat Shikshan Sanstha's,  
Arts, Science & Commerce College Mokhada, Dist. Palghar- 401 604 (Maharashtra)  
and

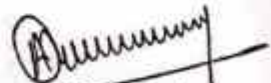
Rayat Shikshan Sanstha's,  
Abasaheb Marathe Arts & New Commerce, Science College Rajapur, Dist. Ratnagiri-416702  
(Maharashtra)

**Two Days National Workshop on  
"Floristic Diversity of Western Ghats, Konkan and Plateaus"**

**\*\*\* Programme Schedule \*\*\***

**(Day 2<sup>nd</sup>: Tuesday, 21<sup>st</sup> March 2023)**

Session	Time	Resource Person /	Chair Person
Inaugural Speech	10:00 am to 10:10 am	Dr. A. N. Chandore PI & Organizing Secretary; ASC College, Mokhada	--
Presidential Speech	10:10 am to 10:15 am	Dr. G. D. Harale Principal, Abasaheb Marathe College, Rajapur	--
Invited Talk-I	10:15 am to 11:30 am	Dr. N. V. Malpure S.S.G.M. College, Kopergaon	Mr. S. Y. Tayade ASC College Mokhada
Invited Talk-II	11:30 am to 12:30 pm	Dr. Rutuja Kolte Govindram Seksaria Science College, Belagavi	Mr. D. B. Borude ASC College Mokhada
Invited Talk-III	12:30 pm to 01:30 pm	Mr. N. A. Madhav ACS College, Shreewardhan	Mr. P. P. Bhalekar ASC College Mokhada

  
Dr. A. N. Chandore  
Principal Investigator





Science and Engineering Research Board (SERB)  
Department of Science and Technology (DST)  
Govt. of India



## Two Days National Workshop on Floristic Diversity of Western Ghats, Konkan and Plateaus

(20<sup>th</sup> and 21<sup>st</sup> March, 2023 at 11:00 am onwards)

Jointly organized by

Rayat Shikshan Sanstha's,  
**Abasaheb Marathe Arts & New Commerce,  
Science College Rajapur, Dist. Ratnagiri-  
416702 (Maharashtra) India**  
(Affiliated To University of Mumbai, Mumbai)

Rayat Shikshan Sanstha's,  
**Arts, Science & Commerce College  
Mokhada, Dist. Palghar- 401 604  
(Maharashtra) India**  
(Affiliated To University of Mumbai, Mumbai)



Conducted under: Scientific Social Responsibility (SSR) of Science and Engineering Research Board-Department of Science and Technology (SERB-DST), Government of India, New Delhi, by funded Project File No. CRG/2019/003087)

Registration fees: Free  
Targeted group: Teachers from Botany/  
Biodiversity/ Life Science  
Number of participants: 25

Email ID: [arundhanchandore14@gmail.com](mailto:arundhanchandore14@gmail.com)

Meeting link: will be shared on WhatsApp groups

Registration link: <https://forms.gle/q3RK1NbxkkuA3k4A>

— Organizing Committee —

Contact Details

Dr. A. N. Chandore (PI): 9423021796

Mr. D. B. Borude (PA-I): 9503977158

Mr. P. P. Bhalekar (PA-I): 9284027972



**Dr. A. N. Chandore**  
Principal Investigator



**Dr. G. D. Harale**  
Principal, AMC College Rajapur



**Dr. L. D. Bhor**  
Principal, ASC College Mokhada





*Rayat Shikshan Sanstha's*

**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur  
Dist- Ratnagiri, 416702 (MH)**

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**7.2 Describe at least two institutional best practices (as per NAAC format given in next page)**

**Format for Presentation of Best Practices**

**Best Practice-II**

1. **Title of the Practice:** Short-term and Certificate Courses

2. **Goal of the Practice:**

- To adopt students under the scheme for the provision of mentorship required by the students.
- The importance is to ability the youths in such a way so that they get employment and also improve entrepreneurship.
- Provides guidance, support and direction for all occupations like soil and water analysis, human rights, spoken English, GST, internal banking, biodiversity, Arts of translate and Insurance etc. were provided to students to develop their career.
- Short term courses provide students skill regarding that particular field.
- Students get experience to handle the work situation in the particular field
- Students get practical knowledge in that field.
- Students get opportunity of good job after completion of short term course

3. **The Context:**

Institute runs 11 short-term courses in different subject areas. Short term courses is beneficial to students for their overall development as well as to get good opportunity in that field.

List of the short-term and certificate courses run by the institution:

- Certificate course in Spoken English
- Short term course in Human Rights

- Certificate Course in Insurance
- Certificate Course in Archaeology
- News Writing
- Certificate Course in Travels and Tourism
- Media Writing and Art of Translation
- Biodiversity Conservation
- Internet Banking
- Soil and Water analysis
- Certificate course in Panchayat Raj
- Certificate course in Vedic Mathematics
- Certificate course in Personal Financial Planning
- Short term course in Proficiency in English Language
- Certificate course in Psychological First Aid
- Certificate course in Psychological Counselling
- Short term course in Vermicomposting

Each short-term course offered to students consists of BOS committee. That committee plans syllabus and examination time table. Regular lecture and practicals were conducted by assign teachers. Regular meeting was taken by coordinator of shorter committee chairman.

#### **4. The Practice:**

The coordinator of short-term course committee declared the dates of short-term course to each and every department through notice. Examination dates also announced by the coordinator of that course. The meetings of each short-term course is arranged to increase communication within the committee members and chairman of short term course. A report of each meeting is submitted to the Chairman of short-term course. These meeting prove beneficial to staff to run that short term course smoothly.

#### **5. Evidence of Success:**

The practice has been so effective which carried out following positive changes:

- Students get extra knowledge regarding subject.
- Personality development of students take place

- Improvement in students' communication skill
- Improved academic results at college and University level.
- Increased classroom attendance of the students.
- Increase in active participation in classroom activities.
- Student get opportunity of better job
- Student's involvement in academic and administrative bodies.
- Signed MoUs for the benefit of students.
- Inculcation of career and job-related skills through Skill Based Short-Term Courses.
- Promotion of entrepreneurship development and self-employability.
- Inculcation of environmental consciousness among the students.

6. **Problems Encountered and Resources Required**

- Time constrains to spare maximum time for the activity is the only problem encountered during the implementation of the practice.
- Most of students have economic problems.
- Due to hilly region, there is lack of services and other facilities so need for the improvement in employment sector.

7. **Notes (Optional):**

8. **Contact Details:**

**Name of the Principal:** Dr. G. D. Harale  
**Name of the Institution:** Rayat Shikshan Sanstha's  
 Abasaheb Marathe Arts & New Commerce, Science  
 College, Rajapur (V. G.). Dist.-Ratnagiri.  
 Pin Code: 416702  
**Office Contact:** (02353) 221002/3  
**Website:** www.marathecollegerajapur.com  
**E-mail:** abasahebmarathecollege@gmail.com  
**Mobile:** +91 9869396929



*J. D. Harale*  
 J/c Principal  
 A.M.A & N.C.S. College  
 Rajapur, Dist. Ratnagiri.





Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-  
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Department of Political Science  
Short Term Course - Human Rights  
Board of Studies 2022-2023

Sr. No.	Name	Designation
1	Dr. Harale G. D. I/C Principal, AMANCS College, Rajapur	Chairman
2	Dr. Bhawe A. V. (IQAC Chairman)	IQAC
3	Dr. Mestri S. R. Head, Dept. of Marathi Chairman, Short Term Course Committee	Member
4	Mr. Nhavelkar S. T. Assistant Professor, Head, Dept. of Political Science Coordinator, Human Rights Short Term Course	Member

Minutes of the Meeting

The meeting of Board of Studies of the Short-term Course of 'Human Rights' was Held on 01/12/2022 at 12.00 Pm in the Principal's cabin. The above mentioned members were present for the meeting.

Following points were discussed in this meeting

1. Syllabus Formation of Human Rights Short Term Course
2. Workload distribution.
3. Schedule of the course.
4. Fee Structure.
5. Encouragement to the students for the enrolment.

- 1) Dr. Bhawe A. V.
- 2) Dr. Mestri S. R.
- 3) Mr. Nhavelkar S. T.



Principal  
A.M.A. & N.C.S. College  
Rajapur, (V. Gothne) Dist. Ratnagiri.





Rayat Shikshan Sanstha's  
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Department of Political Science  
Short Term Course in Human Rights 2022-2023

### Admission Notice

Date: 15 December 2022

All students of college are hereby informed that, admission process for short term course 'Human Rights' will be start on 15/12/2022 to 19/12/2022. The commencement of lectures will be from 20 December 2022. Those students who are interested to enrolled for this short-term course are informed to contact Mr. Nhavekar Sudhir. T., Assistant Professor, Department of Political Science. Details of short-term course and required Documents are given below:-

Duration of Course: - 3 Months

Fees: - Rs. 200/-

Required: - 1 Passport size photo (to be attested on admission form)

Course Coordinator,  
Head, Dept. of Political Science

Principal  
A.M.A.&N.C.S.College  
Rajapur,(V.Gothne)Dist.Ratnagiri.





Rayat Shikshan Sanstha's  
**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-  
Ratnagiri, 416 702 (MH)**  
*Affiliated to University of Mumbai, Mumbai*  
*Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

Department of Political Science  
Short Term Course  
Certificate Course in Human Rights  
2022 – 2023

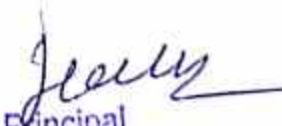
List of the Students & Fees

Sr. No.	Roll No	Class	Name of the students	Receipt No.
1	4208777	T.Y.B.A.	Jogale Sanket Vijay	818
2	4208779	T.Y.B.A.	Shinde Nitin Navanath	820
3	4208780	T.Y.B.A.	Thikade Vikas Vitthal	821
4	4212359	T.Y.B.A.	Kamble Anuja Ashok	819

Total Students: 04  
Per Student Fees: Rs 200/-  
Total Amount: Rs 800/-

  
Course Coordinator,  
Head, Dept. of Political Science



  
Principal  
A.M.A. & N.C.S. College  
Rajapur, (V. Gethne) Dist. Ratnagiri.



Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-  
Ratnagiri, 416 702 (MH)

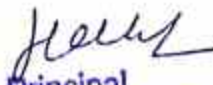
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Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai

DEPARTMENT OF POLITICAL SCIENCE  
SHORT-TERM COURSE IN HUMAN RIGHTS 2022-2023  
SYLLABUS

Sr. No.	UNITS	No of Periods (30)
1.	<b>Fundamental Concepts of Human Rights</b>	
	Human Rights – Meaning, Definition, Functions and Limitations	02
	Human Rights and good Governance	02
	UN Declaration on Rights of Development 1986	02
	Rights to Information 2005	02
2.	<b>Historical Development of Human Rights</b>	
	Western Thoughts on Human Rights	02
	Developments in Human Rights	02
	United Nations and Human Rights	02
	Regional Human Rights Institutions	01
3.	<b>Human Rights and Indian Constitution</b>	
	Constitutional values and Human Rights	02
	Fundamental Rights : Part 3 (Art 12-35)	02
	Directive Principles of State Policies, Fundamental Duties and Human Rights	02
	Guardian of Human Rights : The Judiciary	01
4.	<b>Implementing Agencies of Human Rights</b>	
	Problems and Challenges regarding Human Rights in India	02
	Protection of Human Rights Act	02
	Human Rights regulating Agencies in India	02
	Measures taken for Implementation of Human Rights	02

  
Course Coordinator,  
Head, Dept. of Political Science



  
Principal  
A.M.A. & N.C.S. College  
Rajapur, (V. Gothne) Dist. Ratnagiri.



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Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-  
Ratnagiri, 416 702 (MH)  
Affiliated to University of Mumbai, Mumbai  
Reaccredited with B\* grade by NAAC/ Best College Award by University of Mumbai, Mumbai

Department of Political Science  
Short-Term Course 2022-2023  
Certificate Course in Human Rights

Time Table

Sr. No.	Name of the Teacher	Months	Days	Time	Sign.
01	Mr. Nhavekar S. T.	January, February, March,	Monday	12:50 pm To 01:40 pm	
			Thursday	12:50 pm To 01:40 pm	
			Friday	12:50 pm To 01:40 pm	

Period

Theory: 30

Total Periods: 30

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Department of Political Science  
Short-Term Course 2022-2023  
Certificate Course in Human Rights

### Syllabus Distribution

Sr. No.	Teacher Name	Units No.	Topic	Period (30)	Sign.
1.	Mr. Nhavelkar S. T.	1	Fundamental Concepts of Human Rights	08	
		2	Historical Development of Human Rights	07	
		3	Human Rights and Indian Constitution	07	
		4	Implementing Agencies of Human Rights	08	
2.	Mr. Nhavelkar S. T.	Project Work			

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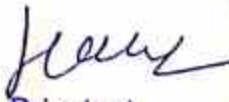
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Department of Political Science  
Short-Term Course: - (Human Rights)  
Attendance Record 2022-2023

Sr. No.	Roll No.	Name of Students	Date: 22/12/2022	23/12/2022	02/01/2023	05/01/2023
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	4208777	Jogale Sanket Vijay	P	P	P	P
2	4208779	Shinde Nitin Navanath	P	P	P	AB
3	4208780	Thikade Vikas Vitthal	P	P	P	P
4	4212359	Kamble Anuja Ashok	P	P	AB	P
			Date: 06/01/2023	09/01/2023	12/01/2023	16/01/2023
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	4208777	Jogale Sanket Vijay	P	P	P	AB
2	4208779	Shinde Nitin Navanath	P	P	P	P
3	4208780	Thikade Vikas Vitthal	P	P	AB	P
4	4212359	Kamble Anuja Ashok	P	P	P	P
			Date: 19/01/2023	20/01/2023	23/01/2023	27/01/2023
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	4208777	Jogale Sanket Vijay	P	P	P	P
2	4208779	Shinde Nitin Navanath	P	P	P	AB
3	4208780	Thikade Vikas Vitthal	P	P	P	P
4	4212359	Kamble Anuja Ashok	P	P	P	P

  
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Head, Dept. of Political Science



  
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Department of Political Science  
Short-Term Course: - (Human Rights)  
Attendance Record 2022-2023

Sr. No.	Roll No.	Name of Students	Date: 30/01/2023	02/02/2023	03/02/2023	06/02/2023
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	4208777	Jogale Sanket Vijay	P	P	P	P
2	4208779	Shinde Nitin Navanath	AB	P	P	P
3	4208780	Thikade Vikas Vitthal	P	P	P	P
4	4212359	Kamble Anuja Ashok	P	P	P	P
			Date: 09/02/2023	10/02/2023	13/02/2023	16/02/2023
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	4208777	Jogale Sanket Vijay	P	P	AB	P
2	4208779	Shinde Nitin Navanath	P	P	P	P
3	4208780	Thikade Vikas Vitthal	P	P	P	P
4	4212359	Kamble Anuja Ashok	P	P	P	P
			Date: 17/02/2023	20/02/2023	23/02/2023	24/02/2023
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	4208777	Jogale Sanket Vijay	P	P	P	P
2	4208779	Shinde Nitin Navanath	P	P	P	P
3	4208780	Thikade Vikas Vitthal	AB	P	P	P
4	4212359	Kamble Anuja Ashok	P	P	P	AB

  
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Department of Political Science  
Short-Term Course: - (Human Rights)  
Attendance Record 2022-2023

Sr. No.	Roll No.	Name of Students	Date: 27/02/2023	02/03/2023	06/03/2023	09/03/2023
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	4208777	Jogale Sanket Vijay	P	AB	P	P
2	4208779	Shinde Nitin Navanath	P	P	P	P
3	4208780	Thikade Vikas Vitthal	P	P	P	P
4	4212359	Kamble Anuja Ashok	P	P	P	P
			Date: 10/03/2023	13/03/2023	16/03/2023	17/03/2023
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	4208777	Jogale Sanket Vijay	P	P	P	P
2	4208779	Shinde Nitin Navanath	P	P	P	P
3	4208780	Thikade Vikas Vitthal	P	P	P	P
4	4212359	Kamble Anuja Ashok	P	P	AB	P

  
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Department of Political Science  
Short Term Course 2022-2023  
Certificate Course in Human Rights

**Exam Notice**

Date: - 23/03/2023

All the students of Short-term course (Human Rights) class are here by informed that, the **exam of Short-term course (Human Rights)** is scheduled on 28/03/2023. Students should be present for the above exam at 10.00 am. The exam will be held in the Political Science Department. All are instructed to attend the same.

  
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Principal  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.







रयत शिक्षण संस्थेचे,  
आबासाहेब मराठे आर्ट्स अँड न्यू कॉमर्स, सायन्स कॉलेज, राजापूर  
राज्यशास्त्र विभाग  
शॉर्ट टर्म कोर्स अंतर्गत परीक्षा  
शैक्षणिक वर्ष २०२२ - २०२३

विषय : मानवी हक्क

वेळ : ०३ तास

दिनांक : २८/०३/२०२३

गुण : ८०

Please check whether you have got the right question paper.

- सूचना: १. सर्व प्रश्न सोडविणे अनिवार्य आहेत.  
२. सर्व प्रश्नांना समान गुण आहेत.  
३. उजवीकडील अंक गुण दर्शवितात.

- प्र.१ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.
- अ) मानवी हक्क म्हणजे काय? ते सांगून मानवी हक्कांचे कार्य व मर्यादा विशद करा. १०
- ब) उत्तम अभिशासन विषयी सविस्तर माहिती द्या. १०
- क) माहितीचा अधिकार अधिनियम २००९ विषयी थोडक्यात लिहा. १०
- प्र.२ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.
- अ) मानवी हक्कांसंबंधी पाश्चात्य विचार स्पष्ट करा. १०
- ब) मानवी हक्कांसंबंधी संयुक्त राष्ट्रसंघाचे कार्याचे मूल्यमापन करा. १०
- क) प्रादेशिक मानवी हक्क यंत्रणा विषयी माहिती द्या. १०
- प्र.३ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.
- अ) भारतीय राज्य घटनेतील मानवी हक्कांसंबंधी असणाऱ्या तरतुदी सांगा. १०
- ब) मानवी हक्कांची संरक्षक म्हणून भूमिका निभावणारी न्यायपालिकेचे कार्य स्पष्ट करा. १०
- क) मानवी हक्कांसंबंधी मानसशास्त्रीय दृष्टीकोन स्पष्ट करा. १०
- प्र.४ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.
- अ) भारतातील मानवी हक्कांच्या समस्या आणि आव्हाने विषयी चर्चा करा. १०
- ब) अनुसूचित जाती व अनुसूचित जमाती (अत्याचारास प्रतिबंध) अधिनियम, १९८९ माहिती द्या. १०
- क) मानवी हक्कांच्या अंमलबजावणीसाठी उपारयोजना सुचवा. १०





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Department of Political Science  
Short Term Course 2022-2023  
Certificate Course in Human Rights

EXAMINATION MARKLIST

Date: 30/03/2023

Sr. No.	Seat No	Name of Students	Exam Marks (80)	Project (20)	Total (100)	Grade
1	4208777	Jogale Sanket Vijay	65	19	84	O
2	4208779	Shinde Nitin Navanath	62	18	80	O
3	4208780	Thikade Vikas Vitthal	64	19	83	O
4	4212359	Kamble Anuja Ashok	62	18	80	O

  
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Department of Political Science  
Short Term Course 2022-2023  
Certificate Course in Human Rights

### Annual Report

Date: - 30/03/2023

In academic year of 2022-2023, Department of Political Science has conducted short term course on Human Rights. Total 4 students were enrolled for this course. Lectures has been taken with offline mode. Final assessment of students was carried out by taking offline exam mode of the students who were present. All students were passed the exam and the passing rate is 100%.

  
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Principal  
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"Education through self-help is our motto"- Karmaveer  
Rayat Shikshan Sanstha's



Abasaheb Marathe Arts and New Commerce, Science College, Rajapur  
Vikhare-Gothane, Tal-Rajapur, Dist-Ratnagiri. Pin-416702.

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**Department of Political Science**  
**Certificate Course in Human Rights**  
(2022-2023)



*This is to certify that Mr. Jogale Sanket Vijay (T.Y.B.A.) of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has successfully completed the 30 hours Certificate Course in Human Rights organised by the Department of Political Science from 22 December to 17 March, 2023.*

Date- 20/03/2023  
Place- Rajapur

Course Coordinator  
Head Dept. of Political Science



Dr. Harale G. D.  
I/C Principal





**Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-Ratnagiri,  
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**Course Code: CHR101**

**Certificate Course Name: Human Rights**

**Course Information**

**(2022-2023)**

**Date: 18 March, 2023**

Sr. No.	Certificate Course Name	Course Code	Year of Offering	Number of times offered during the year	Duration of Course	Number of students enrolled in year	Number of students completed the course in the year
1	Human Rights	CHR101	2022-2023	1	30 Hourse (22/12/2022 to 17/03/2023)	04	04

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---

*Department of Commerce*

*Certificate Course in*

*INSURANCE*

DEPARTMENT OF COMMERCE  
2022-2023



**CERTIFICATE COURSE IN INSURANCE**

**Department of Commerce**

**Abasaheb Marathe Arts and New Commerce, Science College**

**Rajapur.**

**Tal: Rajapur, Dist: Ratnagiri. Pin: 416702**



**Rayat Shikshan Sanstha's**  
**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-Ratnagiri, 416 702 (MH)**  
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**Course Code: INS103**  
**Certificate Course Name: Insurance**  
**Student Enrollment**  
**(2022-2023)**


Sr. No.	Roll Number	Name of Student	Mob. No.	Class	Sign
1	2022SC02	Adam Anisha Dinesh	9325342866	S.Y.B.Com.	<i>Adam</i>
2	2022SC03	Advilkar Poonam Deepak	9511865439	S.Y.B.Com.	<i>Advilkar</i>
3	2022SC04	Agre Shramika Shridhar	8421462095	S.Y.B.Com.	<i>Agre</i>
4	2022SC11	Bhandari Sapna Kishor	7588633685	S.Y.B.Com.	<i>S.K. Bhandari</i>
5	2022SC12	Borkar Aasiya A. Hamid	8080646050	S.Y.B.Com.	<i>Borkar</i>
6	2022SC13	Borkar Farnaz A. Karim	8010331059	S.Y.B.Com.	<i>Borkar</i>
7	2022SC14	Borkar Khifa Falyaz	9022448496	S.Y.B.Com.	<i>Borkar</i>
8	2022SC15	Chaugule Chirag Santosh	7020603295	S.Y.B.Com.	<i>C.S. Chaugule</i>
9	2022SC16	Chavan Chaitali Vinayak	9145582915	S.Y.B.Com.	<i>Chavan</i>
10	2022SC17	Chavan Prachi Dipak	7020720032	S.Y.B.Com.	<i>P. D. Chavan</i>
11	2022SC18	Chavan Vaibhav Ravikant	8080143585	S.Y.B.Com.	<i>V. R. Chavan</i>
12	2022SC33	Jadhav Avdhut Ishwar	9307412589	S.Y.B.Com.	<i>A. I. Jadhav</i>
13	2022SC34	Jadhav Sufani Sunil	9075583018	S.Y.B.Com.	<i>Jadhav</i>
14	2022SC40	Khambal Pranit Ramesh	7588620814	S.Y.B.Com.	<i>P. R. Khambal</i>
15	2022SC41	Khanvilkar Prashant Yashwant	8010627721	S.Y.B.Com.	<i>P. P. Khanvilkar</i>
16	2022SC42	Khanvilkar Siddhesh Sunil	8275525518	S.Y.B.Com.	<i>S. Khanvilkar</i>
17	2022SC43	Kotharkar Saloni Anil	9356803270	S.Y.B.Com.	<i>Kotharkar</i>
18	2022SC44	Kuveskar Vaishnavi Vidyadhar	8329072693	S.Y.B.Com.	<i>V. V. Kuveskar</i>
19	2022SC45	Lanjekar Siddhi Naresh	8788489231	S.Y.B.Com.	<i>S. N. Lanjekar</i>




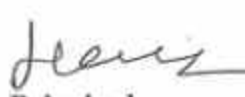


20	2022SC46	MandavkarRunaliRaghunath	9699238204	S.Y.B.Com.	R. Mandavkar
21	2022SC47	MarathePreranaPrakash	9665535763	S.Y.B.Com.	P.P. Marathe.
22	2022SC48	MasurkarAbhishekVasant	9373326685	S.Y.B.Com.	A.V. Masurkar
23	2022SC49	MayekarGauriDashrath	9422010358	S.Y.B.Com.	G. Mayekar
24	2022SC50	MayekarManishaPralhad	9372114517	S.Y.B.Com.	M.P. Mayekar
25	2022SC51	MayekarMohiniMangesh	7972016836	S.Y.B.Com.	M.M. Mayekar
26	2022SC52	MestriVirendraSubhash	8767755021	S.Y.B.Com.	V.S. Mestri
27	2022SC68	PitalekarVipul Vilas	8928574023	S.Y.B.Com.	P.V. Pitalekar
28	2022SC69	PujariNand niPrakash	9359562726	S.Y.B.Com.	N.D. Pujari
29	2022SC70	RaghavPrachiManohar	8767692659	S.Y.B.Com.	P. Raghav
30	2022SC71	RautAdityaAnaji	7666143329	S.Y.B.Com.	A.A. Raut.
31	2022SC72	RautPrajaktaRavindra	7507768096	S.Y.B.Com.	P.R. Raut.
32	2022SC73	RaykarGauriHemant	8767857606	S.Y.B.Com.	R.G.R. Raykar.
33	2022SC74	RaykarSayaliHemant	8767857606	S.Y.B.Com.	S.H. Raykar
34	2022SC75	RokadeRohitRajendra	9158958848	S.Y.B.Com.	R.Q. Rokade.
35	2022SC76	Sangrar Sana Mubarak	9764457650	S.Y.B.Com.	S.M. Sangrar
36	2022SC77	SakapalHitendraTanaji	9403694814	S.Y.B.Com.	H. Sakapal
37	2022SC84	ShivalkarTanmayNandkumar	9307057356	S.Y.B.Com.	T.N. Shivalkar.
38	2022SC85	ShrungareSurajSuhas	7588481522	S.Y.B.Com.	S.S. Shrungare.

  
**Chairman of Short Course**  
Dr Sanjay Mestry

  
**HOD**  
Dr Bhave A.V.

  
**Co ordinator**  
Prof. Kamat M.A.

  
**Principal**  
Dr Harale G.D  
I/C Principal  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.



**Rayat Shikshan Sanstha's**  
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Date - 21/12/2022

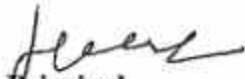
## Notice

All the short term course committee members are herewith informed that their meeting is to be arranged on 22<sup>nd</sup> Dec.2022 at 12.00 pm in the Department of commerce to design the structure / syllabus, etc. of short term course. So all the members are requested to be present in the scheduled the meeting on time.

  
**Chairman of Short Course**  
Dr Sanjay Mestry

  
**HOD**  
Dr Bhave A.V.

  
**Co ordinator**  
Prof. Kamat M.A.

  
**Principal**  
Dr Harale G.D

**I/C Principal**  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.

**Rayat Shikshan Sanstha's**  
**Abasaheb Marathe Arts & New Commerce, Science College, Rajapur**  
**Department of Commerce**  
**Certificate Course in Insurance 2022-23**


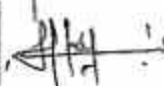


**Board of Studies**

Sr. No.	Designation.	Name of the Person
1	Chairman	Dr. Harale G.D.
2	Member	Dr. Bhawe A. V. (Head of Commerce Department)
3	Member	Prof. Solkar N.A.R. (Expert)
4	Member	Prof. Kamat M. A. (Co-ordinator, Insurance Course)
5	Member	Dr. Mestry S.R. (Chairman, Short Term Course Committee)


Board of Studies meeting of the short term course of Certificate Course in Insurance was conducted on 22th Dec. 2022 at 11.30am in the department of Commerce. Following points are discussed in the meeting.

1. Syllabus formation of Short term course of Insurance
2. Dissemination of work
3. Fee Structure
4. Encouragement of Students

The following members were presented for the meeting.

1. Kamat M.A. 
2. Prof. Solkar N.A.R. 
3. Dr. Bhawe A.V. 
4. Dr. Mestry S.R. 



  
I/c Principal  
A.M.A. & N.C.S. College  
Rajapur, (V. Gothne) Dist. Ratnagiri.



RAYAT SHIKSHAN SANSTHA'S



**Abasaheb Marathe Arts and New Commerce, Science  
College, Rajapur (Vikhare-Gothane), Ratnagiri**



**Syllabus**

**Short term course on  
Certificate Course in Insurance**



Rayat Shikshahn Sanstha's

Abasaheb Marathe Arts & New Commerce, Science, College, Rajapur

Department of Commerce

SHORT TERM COURSES

Certificate Course in Insurance

## Syllabus

### Module -1. Introduction to Insurance

12 Lecture

Concept-Meaning- Purpose and Need of Insurance- Types of Insurance  
Insurance contract - Meaning and types of Insurance Contract.

### Module- 2. Principles of Insurance

12 Lecture

Concept-Meaning- Primary Principles – Principles of Insurable Interest, Principles of Insurable Indemnity, Principles of Utmost Good Faith, Principles of co-operation, Principles of Probability. Secondary Principles of Insurance-Principles of Subrogation, Principles of Contribution, Principles of Mitigation of Loss, Principles of Causa Proxima.

### Module -3. Life Insurance

12 Lecture

Meaning- Importance – Procedure of taking Life Insurance policy, types of policy- Settlement Claim- Life Insurance India, Insurance Agent.

### Module -4. Fire Insurance

12 Lecture

Meaning- Importance – Procedure of taking fire Insurance policy, policy condition Kind policies – Renewal- Cancellation of policy- Settlement Claim.

### Module- 5. Marine Insurance

12 Lecture

Meaning- Importance – Procedure of taking marine Insurance policy, Procedure taking marine Insurance policies – clauses of marine Insurance - Settlement Claim

### References -

1. Insurance- Dr. C.J. Joshi & Prof. Sudhakar Mankar
2. Life insurance by Insurance Institute of India
3. Life Insurance by O.S. Gupta
4. Element of Insurance by Federation of Insurance Institute
5. Insurance – M.N. Mishra
6. Annual Report – LIC India.



## Question Paper Pattern



Time – 2 Hours

Note- 1. All Questions are Compulsory.

2. Right sides number indicates marks.

---

Q. 1. Write the answer in brief. Or	10
Q. 1. Write the answer in brief.	10
Q. 2. Write the answer in brief. Or	10
Q. 2. Write the answer in brief.	10
Q. 3. Write the answer in brief. Or	10
Q. 3. Write the answer in brief.	10
Q. 4. Write the answer in brief. Or	10
Q. 4. Write the answer in brief.	10
Q. 5. Write the answer in brief. Or	10
Q. 5. Write the answer in brief.	10

रयत शिक्षण संस्थेचे

आबासाहेब नराठे आर्ट्स अँड न्यू कॉमर्स, सायन्स कॉलेज, राजापूर.

'शॉर्ट टर्म कोर्स इन इन्शुरन्स'

एप्रिल 2023

दिनांक: 27/04/2023

गुण- 50

सूचना- कोणतेही पाच प्रश्न सोडवा.

- |   |    |
|---|----|
| प्रश्न 1. विमा म्हणजे काय? विम्याचे स्वरूप थोडक्यात स्पष्ट करा.                         | 10 |
| प्रश्न 2. विम्याचे आर्थिक व सामाजिक महत्त्व स्पष्ट करा.                                 | 10 |
| प्रश्न 3. विम्याची तत्वे थोडक्यात लिहा.   | 10 |
| प्रश्न 4. विम्याचे प्रकार थोडक्यात स्पष्ट करा.  | 10 |
| प्रश्न 5. 'जीवनविमा' उतरविण्याची कार्यपद्धती थोडक्यात स्पष्ट करा.                       | 10 |
| प्रश्न 6. 'अग्नी विमा' ही संकल्पना स्पष्ट करा. अग्नि विम्याची वैशिष्ट्ये थोडक्यात लिहा. | 10 |
| प्रश्न 7. टिपा लिहा. (कोणत्याही दोन).   | 10 |
| 1. विमा, एक सामाजिक सुरक्षा साधन.   |    |
| 2. जीवन विमा  |    |
| 3. मालमता विमा  |    |
| 4. विमा प्रतिनिधी   |    |



Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts & New Commerce, Science College,  
Rajapur


Commerce Department -Short Term Course  
Certificate Course in Insurance

Time Table 2021-22

Time	Monday	Tuesday	Wenesday	Thursday
12.00 To 12.50pm	Theory (MAK)	Practical (MAK)	Theory(MAK)	Theory(MAK)

  
Incharge

  
H.O.D.

  
Principal  
A.M.A. & N.C.S. College  
Rajapur, (V. Gothne) Dist. Ratnagiri.





12	2022SC33	JadhavAvdhutis hwar	Dr. P. K. Kumbhar
13	2022SC34	JadhavSuhani Sunil	Dr. P. K. Kumbhar
14	2022SC40	KhambalPranit Ramesh	Dr. P. K. Kumbhar
15	2022SC41	KhanvilkarPrash antYashwant	Dr. P. K. Kumbhar
16	2022SC42	KhanvilkarSiddh esh Sunil	Dr. P. K. Kumbhar
17	2022SC43	KotharkarSaloni Anil	Dr. P. K. Kumbhar
18	2022SC44	KuveskarVaishn aviVidyadhar	Dr. P. K. Kumbhar
19	2022SC45	Lanjekar Siddhi Naresh	Dr. P. K. Kumbhar
20	2022SC46	MandavkarRuna lilaghunath	Dr. P. K. Kumbhar
21	2022SC47	MarathePreran aPrakash	Dr. P. K. Kumbhar
22	2022SC48	MasurkarAbhish ekVasant	Dr. P. K. Kumbhar
23	2022SC49	MayekarGaurid ashrath	Dr. P. K. Kumbhar
24	2022SC50	MayekarManish aPralhad	Dr. P. K. Kumbhar
25	2022SC51	MayekarMohini Mangesh	Dr. P. K. Kumbhar
26	2022SC52	MestriVirendraS ubhash	Dr. P. K. Kumbhar
27	2022SC68	PitalekarVipul Vilas	Dr. P. K. Kumbhar



28	20225C69	Pujari Nandini Prakash	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari
29	20225C70	Raghav Prachi M anohar	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari
30	20225C71	Raut Aditya Anaji	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari
31	20225C72	Raut Prajaktarav Indra	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari
32	20225C73	Raykar Gauri He mant	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari
33	20225C74	Raykar Sayali He mant	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari
34	20225C75	Rokade Rohit Rajendra	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari
35	20225C76	Sangrar Sana Mubarak	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari
36	20225C77	Sakapal Hitendra Tanaji	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari
37	20225C84	Shivalkar Tanma Y Nandkumar	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari
38	20225C85	Shrungare Suraj S uhas	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari	N.P. Pujari

  
**I/C Principal**  
**A.M.A. & N.C.S. College**  
**Rajapur, Dist. Ratnagiri**









12	2022SC33	JadhavAvdhuttis hwar	<i>[Signature]</i> P. R. Khemraj
13	2022SC34	JadhavSuhani Sunil	<i>[Signature]</i> P. R. Khemraj
14	2022SC40	KhambalPranit Ramesh	<i>[Signature]</i> P. R. Khemraj
15	2022SC41	KhanvikarPrash antYashwant	<i>[Signature]</i> P. R. Khemraj
16	2022SC42	KhanvikarSiddh esh Sunil	<i>[Signature]</i> P. R. Khemraj
17	2022SC43	KotharkarSaloni Anil	<i>[Signature]</i> P. R. Khemraj
18	2022SC44	KuveskarVaishn aviVidyardhar	<i>[Signature]</i> P. R. Khemraj
19	2022SC45	Lanjekar Siddhi Naresh	<i>[Signature]</i> P. R. Khemraj
20	2022SC46	MandavkarRuna Iliraghunath	<i>[Signature]</i> P. R. Khemraj
21	2022SC47	MarathePreran aPrakash	<i>[Signature]</i> P. R. Khemraj
22	2022SC48	MasurkarAbhish ekWasant	<i>[Signature]</i> P. R. Khemraj
23	2022SC49	MayekarGaurid ashrath	<i>[Signature]</i> P. R. Khemraj
24	2022SC50	MayekarManish aPralhad	<i>[Signature]</i> P. R. Khemraj
25	2022SC51	MayekarMohini Mangesh	<i>[Signature]</i> P. R. Khemraj
26	2022SC52	MestriVirendras ubhash	<i>[Signature]</i> P. R. Khemraj
27	2022SC68	PitalekarVipul Vilas	<i>[Signature]</i> P. R. Khemraj









12	2022SC33	JadhavAvdhutIs hwar	<del>2022SC33</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>
13	2022SC34	JadhavSuhani Sunil	<del>2022SC34</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>
14	2022SC40	KhambalPranit Ramesh	<del>2022SC40</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>
15	2022SC41	KhanvilkarPrash antYashwant	<del>2022SC41</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>
16	2022SC42	KhanvilkarSiddh esh Sunil	<del>2022SC42</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>
17	2022SC43	KotharkarSaloni Anil	<del>2022SC43</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>
18	2022SC44	KuveskarVaishn avVidyardhar	<del>2022SC44</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>
19	2022SC45	Lanjekar Siddhi Naresh	<del>2022SC45</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>
20	2022SC46	MandavkarRuna liRaghunath	<del>2022SC46</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>
21	2022SC47	MarathePreran aPrakash	<del>2022SC47</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>
22	2022SC48	MasurkarAbhish ekVasant	<del>2022SC48</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>
23	2022SC49	MayekarGaurID ash Rath	<del>2022SC49</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>
24	2022SC50	MayekarManish aPralhad	<del>2022SC50</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>
25	2022SC51	MayekarMohini Mangesh	<del>2022SC51</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>
26	2022SC52	MestriVirendraS ubhash	<del>2022SC52</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>
27	2022SC68	PitalekarVipul Vilas	<del>2022SC68</del>	<del>01.05.2022</del>	<del>01.05.2022</del>	<del>01.05.2022</del>

J.K. Somaiya Institute of Science and Commerce, Rajour V. Solikar, Mumbai.





28	2022SC69	PujariNandiniPrakash	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur
29	2022SC70	RaghavPrachiM anohar	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur
30	2022SC71	RautAdityaAnaji	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur
31	2022SC72	RautPralaktaRavindra	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur
32	2022SC73	RaykarGauriHemant	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur
33	2022SC74	RaykarSuyaliHemant	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur
34	2022SC75	RokadeRohitRajendra	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur
35	2022SC76	Sangrar Sana Mubarak	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur
36	2022SC77	SakapalHitendra Tanaji	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur
37	2022SC84	ShivalkarTanma yNandkumar	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur
38	2022SC85	ShrungareSurajs uhas	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur	Pr. Rajapur

*Handwritten signature*

I/C Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.



**Rayat Shikshan Sanstha's**  
**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-Ratnagiri,**  
**416 702 (MH)**

*Affiliated to University of Mumbai, Mumbai*  
*Reaccredited with B+ grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

**Course Code: INS103**


**Certificate Course Name: Insurance**


**Exam Time Table**

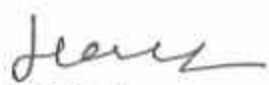
**(2022-2023)**

<b>Day and Date</b>	<b>Time</b>	<b>Paper Name</b>
<b>27<sup>th</sup> April 2023 Thursday</b>	<b>12:00 pm to 2:00 pm</b>	<b>INS Final Exam</b>

  
**Chairman of Short Course**  
Dr Sanjay Mestry

  
**HOD**  
Dr Bhave A.V.

  
**Co ordinator**  
Prof. Kamat M.A.

  
**Principal**  
Dr Harale G.D

**I/C Principal**  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.



**Rayat Shikshan Sanstha's**  
**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-Ratnagiri, 416**  
**702 (MH)**

*Affiliated to University of Mumbai, Mumbai*  
*Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

**Course Code: INS103**  
**Certificate Course Name: Insurance**

**Result 2022-2023**

Sr. No.	Roll Number	Name of Students	Total Marks (Out of 50)
1	2022SC02	Adam Anisha Dinesh	38
2	2022SC03	Advilkar Poonam Deepak	41
3	2022SC04	Agre Shramika Shridhar	42
4	2022SC11	Bhandari Sapna Kishor	46
5	2022SC12	Borkar Aasiya A. Hamid	45
6	2022SC13	Borkar Farnaz A. Karim	43
7	2022SC14	Borkar Khifa Fayaz	40
8	2022SC15	Chaugule Chirag Santosh	44
9	2022SC16	Chavan Chaitali Vinayak	36
10	2022SC17	Chavan Prachi Dipak	41
11	2022SC18	Chavan Vaibhav Ravikant	42
12	2022SC33	Jadhav Avdhut Ishwar	35
13	2022SC34	Jadhav Suhani Sunil	44
14	2022SC40	Khambal Pranit Ramesh	42
15	2022SC41	Khanvilkar Prashant Yashwant	39
16	2022SC42	Khanvilkar Siddhesh Sunil	40
17	2022SC43	Kotharkar Saloni Anil	47
18	2022SC44	Kuveskar Vaishnavi Vidyadhar	38
19	2022SC45	Lanjekar Siddhi Naresh	40

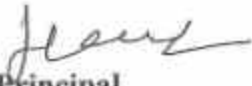


20	2022SC46	MandavkarRunaliRaghunath	40
21	2022SC47	MarathePreranaPrakash	39
22	2022SC48	MasurkarAbhishekVasant	41
23	2022SC49	MayekarGauriDashrath	40
24	2022SC50	MayekarManishaPralhad	37
25	2022SC51	MayekarMohiniMangesh	36
26	2022SC52	MestriVirendraSubhash	42
27	2022SC68	PitalekarVipul Vilas	44
28	2022SC69	PujariNandiniPrakash	43
29	2022SC70	RaghavPrachiManohar	42
30	2022SC71	RautAdityaAnaji	41
31	2022SC72	RautPrajaktaRavindra	35
32	2022SC73	RaykarGauriHemant	40
33	2022SC74	RaykarSayaliHemant	46
34	2022SC75	RokadeRohitRajendra	36
35	2022SC76	Sangrar Sana Mubarak	38
36	2022SC77	SakapalHitendraTanaji	40
37	2022SC84	ShivalkarTanmayNandkumar	42
38	2022SC85	ShrungareSurajSuhas	41

  
**Chairman of Short Course**  
Dr Sanjay Mestry

  
**HOD**  
Dr Bhawe A.V.

  
**Co ordinator**  
Prof. Kamat M.A.

  
**Principal**  
Dr Harale G.D

**I/C Principal**  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.






**Rayat Shikshan Sanstha's**  
**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-Ratnagiri, 416**  
**702 (MH)**

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**Course Code: INS103**  
**Certificate Course Name: Insurance**

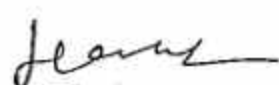
**First Three Rankers**  
**2022-2023**

Sr. No.	Roll No.	Name of the student	Final Exam mark (Out of 50)	Total Marks (Out of 50)	Rank
1	2022SC43	KotharkarSaloni Anil	47	47	First
2	2022SC74	RaykarSayaliHemant	46	46	Second
3	2022SC12	BorkarAasiyaA.Hamid	45	45	Third

  
**Chairman of Short Course**  
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**702 (MH)**

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**Department of commerce**  
**Certificate Course in Insurance**  
**Report**  
**2022-23**


The certificate course in Insurance has been conducted in academic year 2022-23. The syllabus has been finalized in the meeting of Board of Studies which was held on 22<sup>nd</sup> Dec. 2022. In this course 38 students were taken admission. Total 30 lectures have been conducted between January to March 2023 and students attended their lectures with about  $\geq 90\%$  attendance. The examination has been conducted on 27<sup>th</sup> April 2023. The result of the course is 100%. Total 25 Students achieved "O" grade, whereas 13 students has achieved "A" grade.

During the conduction of the course, the Head of the Department of Commerce Dr. Bhave A. V., the Chairman, Dr Sanjay Mestry of Short Term course committee and Hon. Principal DrHarale G. D.have been supported.

  
**Chairman of Short Course**  
Dr Sanjay Mestry

  
**HOD**  
Dr Bhave A.V.

  
**Co ordinator**  
Prof. Kamat M.A.

  
**Principal**  
Dr Harale G.D

**I/C Principal**  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.



**RayatShikshanSanstha's**



Rayat Shikshan Sanstha's  
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INS103

Certificate Course Name: Insurance

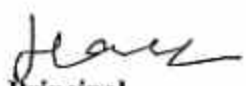
### Course Information

Sr. No.	Course name	Course code	Year of offering	Number of times offered during the year	Duration of course	No. of student enrolled in a year	Number of student completed the course during the year
1	Insurance	INS103	2022-23	1	3 month	38	38

  
**Chairman of Short Course**  
Dr Sanjay Mestry

  
**HOD**  
Dr Bhave A.V.

  
**Co ordinator**  
Prof. Kamat M.A.

  
**Principal**  
Dr Harale G.D

**I/C Principal**  
A. M. A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.



रत्ना शिक्षण संस्थेचे,

आबासाहेब मराठे आर्ट्स & न्यू कॉमर्स, सायन्स कॉलेज, राजापूर (रत्नागिरी)  
इतिहास विभाग

२०२२ - २३

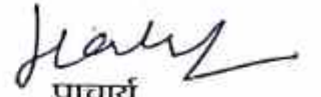
नोटीस

दि. १४ डिसेंबर २०२२

महाविद्यालयातील बी.ए.भाग- एक/दोन/तीन, इतिहास विभागातील सर्व विद्यार्थ्यांना कळविण्यात येते की, इतिहास विभागामार्फत दि. ०२/०१/२०२३ पासून 'Certificate Course in Archaeology' हा Short Term Course महाविद्यालयात सुरु करण्यात येणार आहे. तरी या कोर्सचा कालावधी दोन महिने असून कोर्स फी १०० रुपये आहे. तरी इच्छुक विद्यार्थ्यांनी आपली नावे प्रा.वच्छाण ए.आर.यांच्याकडे दिनांक २२/१२/२०२२ पर्यंत द्यावीत.

  
संमन्वयक

  
विभागप्रमुख

  
प्राचार्य  
प्रभारी प्राचार्य  
आबासाहेब मराठे आर्ट्स अँड  
न्यू कॉमर्स सायन्स कॉलेज राजापूर  
( विखारे गोठणे ) जि. रत्नागिरी







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**Department Of History**

**Short Term Course**

**Certificate Course In Archaeology**

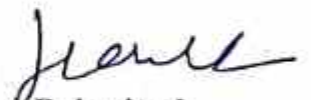
**2022 -23**

**Board of Studies**

Sr. no.	Designation	Name of the Person
1	Chairman	Prin.Dr.Harale G. D. ( Principal)
2	Member	Dr.Bhave A.V.( IQAC Co – ordinator )
3	Member	Mr.Chavan A.R.(Head, Department Of History )
4	Member	Mr.Pokharkar A.R. (Course Co –Ordinator)
5	Member	Dr.Mestri A.R. (Chairman,short term course committee)

  
Co –Ordinator

  
Head

  
Principal  
Principal  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.





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Department of History  
Short Term Course

*'Certificate Course In Archaeology'*

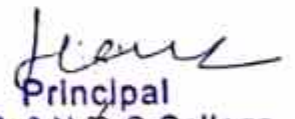
2022 -23

*List of Students*

Sr. No.	Name of the student	Class	Gender	Mob.No.
01	Gawankar Shivam Sandeep	BA III	M	7620686035
02	Tirlotkar Onkar Vijay	BA III	M	9284923545
03	Jogale Sanket Vijay	BA III	M	9137058712
04	Kamble Anuja Ashok	BA III	F	9373253248
05	Shinde Nitin Navanath	BA III	M	7020150114
06	Thikade Vikas Vitthal	BA III	M	8169036652

  
Coordinator

  
Head  
Dept. of History

  
Principal  
A.M.A. & N.C. S. College  
Rajapur, Dist. Ratnagiri.



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**Department Of History**  
**Short Term Course**  
**Certificate Course In Archaeology**  
**2022 -23**  
**Syllabus**

**Syllabus Structure :**

Syllabus will be partially project based

**Objectives :**

- 1.To understand the basic facts of Archaeology.
- 2.To evaluate the importance of Epigraphy and Numismatics.
- 3.To study the importance of forts in Maratha history.

**Topic I : Aims and Methods of Archaeology**

- (a) Definition, Aims and Development of Archaeology in India.
- (b) Archaeology and History : Archaeology and Other Sciences.
- (c) Field Archaeology : Methods of Exploration, Excavation and Dating Antiquities; Significance of Archaeology.

**Topic II : Epigraphy and Numismatics**

- (a) Definition and History of Indian Epigraphy and Numismatics.
- (b) Types of Inscription and their significance.
- (c) Contribution of Numismatics to Indian History.

**Topic III : Forts - (With special reference to Maratha History)**

- (a) Importance of Forts.
- (b) Types of the forts.
- (c) Administration of the forts.

**Topic IV : Visit to any important historical place, monuments.**



**List of Reference Books :**

Altekar A.S. *Coinage of the Gupta Empire*, Numismatics Society of India Varanasi, 1957

Gupta P.L. and Sarojini Kulashreshtha, *kushana coins and history*, DK Publishers, new Delhi, 1993.

Renfrew colin and Bahn paul, *Archaeology: theories, methods and practice*, Thames and Hudson, London 1991

Sircar D.C. *Studies in Indian Coins*, Motilal Banarasidas, Delhi, 1968.

Deo S.B. *Puratatv Vidya*, Continental prakashan, Mumbai, 2008

Dhavlikar M. K. *Prachin bhartiy nanakashastra*, continental prakashan, Mumbai, 2013.

Gokhale shobhna, *purabhilekhvidya*, Continental prakashan, Mumbai, 2013.

Gokhale shobhna, *purabhilekhvidya*, Continental prakashan, pune, 1975.

Gokhale shobhna, *prachin bhartiy itihasaachi sadhane*, tilak Maharashtra vidyapith, pune, 2008.

Bender V.S. *Gad, kot, durg ani tyachi vastu*.



Co-ordinator

Head

Principal  
A. M. A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.



## Question paper pattern for Certificate Course in Archaeology

### Evaluation :

The Department of History will conduct the theory examination of 30 marks. the student will have to secure a minimum of 40% marks in aggregate. Also the department will conduct the evaluation of a project of 20 marks.

Note : 1. Attempt all questions

Time : 1 hour

2. All questions carry equal marks.

Total = 30 marks

Q.1 ( Based on Topic I )

10

Marks

a

or

b

Q.2 ( Based on Topic II )

10

Marks

a

or

b

Q.3 ( Based on Topic III )

10

Marks

a

or

b

OR

15 MCQ (Each Question carry 2 Marks)



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Department Of History

Short Term Course

Certificate Course In Archaeology

2022 -23

Time Table

Duration Periods – January to March 2<sup>nd</sup> week

Time	Day			
1.30 to 2.20	Monday	Tuesday	Friday	Saturday

Periods : 40

Co-Ordinator

Head

Principal  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.





स्वतंत्र शिक्षण संस्थेचे,

आबासाहेब मराठे आर्ट्स & न्यू कॉमर्स, सायन्स कॉलेज, राजापूर (रत्नागिरी)

इतिहास विभाग

'Certificate Course in Archeology'

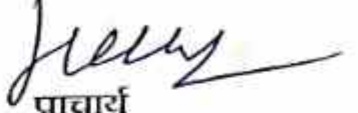
नोटीस

दि. ०४/०३/२०२३

इतिहास विभागातील सर्व विद्यार्थ्यांना कळविण्यात येते की, Certificate Course in Archeology ची परीक्षा दिनांक १६/०३/२०२३ रोजी सकाळी ११ ते १२ या वेळेत वर्ग क्र. १२२ मध्ये घेण्यात येणार असून सर्व विद्यार्थ्यांनी परीक्षा देणे अनिवार्य असेल. तसेच परीक्षेसंबंधीच्या सूचना Whatsapp ग्रुपवर वेळोवेळी दिल्या जातील. याची सर्व विद्यार्थ्यांनी नोंद घ्यावी.

  
समन्वयक

  
विभागप्रमुख

  
प्राचार्य  
प्रभारी प्राचार्य  
आबासाहेब मराठे आर्ट्स अँड  
' कॉमर्स सायन्स कॉलेज राजापूर  
(मराठे मोठणे) दि. ०४/०३/२०२३





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Department of History  
Short Term Course

'Certificate Course In Archaeology'

2022 -23

Marks Sheet

Sr. No.	Name of the student	Theory (30)	Project (20)	Total (50)
01	Gawankar Shivam Sandeep	26	18	44
02	Tirlotkar Onkar Vijay	28	19	47
03	Jogale Sanket Vijay	28	16	44
04	Kamble Anuja Ashok	28	17	45
05	Shinde Nitin Navanath	28	18	46
06	Thikade Vikas Vitthal	26	17	43

Rank	Name of the student	Marks
01	Tirlotkar Onkar Vijay	47
02	Shinde Nitin Navanath	46
03	Kamble Anuja Ashok	45

  
Coordinator

  
Head  
Dept. of History

  
Principal  
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Rajapur, Dist. Ratnagiri.





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Department of History  
Short Term Course  
'Certificate Course In Archaeology'

Attendance Sheet

Month : January 2023

Sr. No.	Name of the Student	2	3	6	7	9	10	13	14	16	17	20	21	23	24	26	28	30	31
1	Gavankar Shivam Sandeep	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
2	Tirlokar Onkar Vijay	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
3	Jogale Sanket Vijay	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Kambale Anuja Ashok	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
5	Shinde Nitin Navanath	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Thikade Vikas Vitthal	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P

Lecture's Day's : Monday, Tuesday, Friday, Saturday

  
Coordinator



Head  
Dept. of History

  
Principal  
A.M.A. & N.C.S. College  
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Department of History  
Short Term Course

'Certificate Course In Archaeology'


Attendance Sheet

Month: Feb 2023

Sr.N o.	Name of the Student	3	4	6	7	10	11	13	14	17	20	21	24	25	26	27	28
1	Gavankar Shivam Sandeep	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Tirilotkar Onkar Vijay	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
3	Jogale Sanket Vijay	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
4	Kambale Anuja Ashok	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
5	Shinde Nitin Navanath	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
6	Thikade Vikas Vitthal	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P

Lecturer's Day's : Monday, Tuesday, Friday, Saturday

  
Coordinator

  
Head  
Dept. of History

  
Principal  
A.M.A. & N. C. S. College  
Rajapur Ratnagiri.



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Department of History  
Short Term Course  
'Certificate Course In Archaeology'


Attendance Sheet

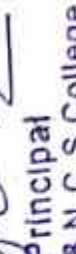
Month : March 2023

Sr.No.	Name of the Student	3	4	10	11	13	14	15	Signature
1	Gavankar Shivam Sandeep	P	P	P	P	P	P	P	Gavankar
2	Tirilotkar Onkar Vijay	P	P	P	P	P	P	P	Tirilotkar
3	Jogale Sanket Vijay	P	P	P	P	A	P	P	Jogale S.V
4	Kambale Anuja Ashok	P	A	P	P	A	P	P	Kambale Anuja
5	Shinde Nitin Navanath	P	P	P	P	P	A	P	Shinde Nitin Navanath
6	Thikade Vikas Vitthal	P	P	P	A	P	P	P	Vikasuf

Lecture's Day's : Monday, Tuesday, Friday, Saturday

  
Head  
Dept. of History

  
Coordinator  
Dept. of History

  
Principal  
A.M.A. & N.C.S. College  
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**Department Of History**

**Short Term Course**

**Certificate Course In Archaeology**

**2022 -23**

**Question Paper**

**Marks - 30 (1 hrs.)**

1. All Question are Compulsory
2. Each Question Carry 2 Marks

१. नंद राजाने कालवा खोदल्याचा उल्लेख आहे.

- (i) रुद्रदमन I चा जुनागढचा शिलालेख
- (ii) पुलकेशिन II चा आयहोल शिलालेख
- (iii) सारावेल्याचा हाथीगुंफा शिलालेख
- (iv) मिहिरामोजावा ग्वाल्हेर शिलालेख

२. खालीलपैकी कोणता स्तूप बुद्धाचे प्रसिद्ध शिष्य श्रीपुत्र आणि मौदल्यायान यांच्या अवशेषांवर बांधला गेला होता.?

- i) सास्नाथ स्तूप
- ii) सांची
- iii) अमरावती स्तूप
- iv) भारहूत स्तूप

३. खालील मानवी पूर्वजांची कालक्रमानुसार मांडणी करा:

- (i) समापिथेकस
- (ii) ऑस्ट्रेलोपिथेकस अप्रेन्सिस
- (iii) ड्राय ओपिथेकस



(iv) ऑस्ट्रेलोपिथेकस अँनामेन्सिस

४. योग्य जोडी जुळवा

(i) भास्तीय संस्कृतीचा जन्म

ii) रामायण: एक मिथक किंवा वास्तव

iii) भास्तावे व्यक्तिमत्त्व

(iv) प्राचीन भारतीय अंकशास्त्र

i) एस. के. एन वक्रवती

ii) बी. सुब्बाराव

iii) एच.डी. सांकलिया

iv) B. आणि R. Allchin

५. खालीलपैकी कोणते गंगा खो-यातील मेसोलिथिक स्थळ नाही?

(i) सराय नहर सय

(ii) महादहा

(iii) बागोर

(iv) दमदमा

६. कार्बन-१४ डेटिंग पद्धत कोणी तयार केली?

(i) ए. डेनियल

(ii) विलार्ड एफ, लिबी

(iii) के.व्ही. स्पेण

(iv) के.पी. ओकले

7. पुरातत्वीय नोंदीमध्ये खालील प्रमाणे मांडणी करा.

i) सधन शेती

ii) आरंभिक शेती

iii) गहन वारा

iv) सधन शिकार

(A) (ii), (iv). (i), (iii)

(B) (1) (ii) (iii). (iv)

(C) (iv), (iii), (ii), (1)

(D) (iii), (iv), (ii). (1)

८. स्ट्रेटिग्राफीचा सिद्धांत खालीलपैकी कोणत्या शाखेतून घेतला आहे?

(i) भूविज्ञान

(ii) प्राणीशास्त्र

(iii) मानववंशशास्त्र

(iv) भूगोल

९. प्रतिपादन (A): बदामी लेणी वालुवयांनी बनवली होती.

कारण (R): हा प्रदेश वालुव्यांच्या अधिपत्याखाली होता,

(i) (A) खरे आहे, परंतु (R) खोटे आहे.

(ii) (A) खोटे आहे. परंतु (R) खरे आहे

(iii) (A) आणि (R) दोन्ही खोटे आहेत

(iv) (A) आणि (R) दोन्ही सत्य आहेत

१०. येथे तांच्या अच्युलियन कलाकृतींसह मध्य पाषाणकालीन कलाकृती सापडल्या आहेत

(i) सिहवाल

(ii) पटपरा

(iii) ढाबा

(iv) खुटेली

११. पाषाणयुगीन उपकरणांच्या कार्याचा अभ्यास करण्याची पद्धत आहे

(अ) स्ट्रेटिग्राफी

(व) फ्लेकिंग प्रयोग

(सी) सूक्ष्म परिघान अभ्यास

(डी) टायपोलॉजी

१२. तांब्याचे हारपून कोणत्या ठिकाणाडून सापडले आहेत?

(i) नसीरपु

(६) शिशुपालगड

(ii) हस्तिनापुर

(iv) लाल किल

पर्याय :

(A) (i) and (ii)

(B) (ii) and (iii)

(C) (iii) and (iv)

(D) (i) and (iv)

१३. वर्म । आणि ॥ स्टेडियल्सची संस्कृती आहे

(अ) अत्युक्तियन

(जा) गोलडोवन

(क) गाउस्टेरियन

(डी) पेरिगॉर्डियन

१४. खालील यादी । बरोबर यादी ॥ जुळवा आणि खाली दिलेल्या कोडचा वापर करून योग्य उत्तर निवडा:

यादी - I

यादी - II

अ) ध्वज स्तंभ

१. प्रतिमा स्तंभ

ब) जया स्तंभ

२. ध्वज कर्मचारी

क) किर्ती स्तंभ

३. विजय स्तंभ

ड) छाया स्तंभ

४. प्रसिद्धी स्तंभ

१५. The Roots of Ancient India चे लेखक खालीलपैकी कोण आहेत?

(अ) स्टुअर्ट पिगॉट

(ब) वॉल्टर फेजर

क) व्ही.जी. चिल्डे

ड) ए. घोष



Rayat Shikshan Sanstha's,  
**Abasaheb Marathe Arts and New Commerce, Science, College,  
Rajapur. (Vikhare Gothane) Dist – Ratnagiri 416702**  
Accredited at 'B+' Grade (CGPA: 2.73) by NAAC  
Mumbai University, Best College Award



Organized by  
Department of History (Year: 2022 -23)

## **CERTIFICATE COURSE IN ARCHAEOLOGY**



### *Certificate*

This is to certify that Shri./Smt.....  
of .....has successfully completed "Certificate Course in Archaeology"  
conducted by the Department of History, Abasaheb Marathe College, Rajapur. From 01<sup>st</sup> January  
to 15<sup>th</sup> March 2023 and has been awarded .....Grade.

**Mr. Pokharkar A.R.**  
Coordinator  
Certificate Course in Archaeology

**Mr. Chavan A. R.**  
Head  
Department of History

**Dr. Mestri S.R.**  
Coordinator  
Short Term Course  
committee

**Dr. Harale G. D.**  
I/C Principal  
Abasaheb Marathe College, Rajapur.





Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-  
Ratnagiri, 416 702 (MH)  
Affiliated to University of Mumbai, Mumbai  
Reaccredited with B' grade by NAAC/ Best College Award by University of Mumbai, Mumbai

Department Of History  
Short Term Course  
'Certificate Course In Archaeology'

2022 -23

Report


Date :- 25/04/2023

In the academic year 2022 – 23, a short term course ' Certificate Course in Archaeology ' was conducted by the Department of History from 1 January 2023 to 16 March 2023. Under that, a study board was appointed under the chairmanship of the principal Dr. G. D. Harale. The syllabus Design by this Board of Studies. Students were notified by the Department of History and given a preview of the syllabus.. 6 students were admitted for this course. The fee for this course was Rs. 100. The course was successfully completed according to the schedule of the course. Examination of 30 marks was held on 16/03/2022. All the admitted students appeared for the exam and all the students passed the exam. Also the project was taken for 20 marks.

In order to successfully pass this course, the I/C Principal Dr. G.D.Harale And Dr. S. R. Mestry, Chairman of the Short Term Course, guided.

  
Coordinator

  
Head

  
I/C. Principal  
Principal  
A. M. A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.





Karnaveer

**Rayat Shikshan Sanstha's**

**ABASAHEB MARATHE ARTS AND NEW COMMERCE,  
SCIENCE COLLEGE, RAJAPUR**

(Vikhare - Gothane) Tal: Rajapur, Dist: Ratnagiri

**Department of Commerce**  
**Certificate Course in Insurance**  
**(2022-2023)**



*This is to certify that \_\_\_\_\_ of  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has  
successfully completed the 30 hours Certificate Course in Insurance organized by  
the Department of Commerce from 1<sup>st</sup> January to 30<sup>th</sup> March, 2023.*

**Prof. Kamat M.A.**  
Course Coordinator

**Dr. G. D. Harale**  
Principal

रयत शिक्षण संस्थेचे,  
 आबास हेब मराठे आर्ट्स & न्यू कॉमर्स,सायन्स कॉलेज, राजापूर(रत्नागिरी)  
 मराठी विभाग  
 सन : २०२२-२३  
 "वातमीलेखन कौशल्य कोर्स"

अहवाल

दि.९/०४/२०२३

शैक्षणिक वर्ष २०२२-२०२३ मध्ये मराठी विभागामार्फत वातमीलेखन हा लघु मुदतीचा कोर्स घेण्यात येतो . ३ जानेवारी २०२३ ते २८ फेब्रुवारी २०२३ या कालावधीत घेण्यात आला. म. प्राचार्य डॉ.घनश्याम हराळे यांच्या अध्यक्षतेखाली अभ्यास मंडळ नियुक्त करण्यात आले. या मंडळामार्फत अभ्यासक्रम निश्चित करण्यात आला. विद्यार्थ्यांना वेळोवेळी नोटीस काढून या कोर्सबद्दल माहिती देण्यात आली. सदर कोर्समध्ये सात विद्यार्थ्यांनी प्रवेश घेतला. त्याचा अभ्यासक्रम पूर्ण केला. सदर कोर्समध्ये सर्व विद्यार्थी चांगल्या गुणांनी उत्तीर्ण झालेले आहेत. सदर कोर्स यशस्वीपणे पार पाडण्यासाठी प्रभारी प्राचार्य डॉ. घनश्याम हराळे यांचे मार्गदर्शन लाभले व प्रा. डॉ. अतुल भावे, प्रा. डॉ.संजय मेखी यांनी सहकार्य केले..

कोर्स समन्वयक



Principal  
 A.M.A.N.G.S. College  
 Rajapur, (V. Gohine) Dist. Ratnagiri.

Rayat Shikshan Sanstha's  
ABASAHEB MARATHE ARTS AND NEW COMMERCE, SCIENCE COLLEGE, RAJAPUR.

Department Of Marathi  
Short Term Course  
Certificate Course In News Writing  
2022 - 23  
List of the Students

Sr. no.	Roll Call no.	Name of the student	Class	Gender	Fees	Mob. No.
01	TBA01	Bhinge Rahul Dipak	BA III	M	100	8983862897
02	TBA02	Jaitapkar Tushar Kishor	BA III	M	100	9370748905
03	TBA03	Kudajkar Mahendra Umaji	BA III	M	100	9529510139
04	TBA04	Nadankar Sandesh Chandrakant	BA III	M	100	7028779351
05	TBA05	Pujari Akshata Jagannath	BA III	F	100	8767385875
06	TBA06	Sagavekar Pranali Bhaskar	BA III	F	100	7020865918
07	TBA07	Sodaye Nilam Dattaram	BA III	F	100	9604879402

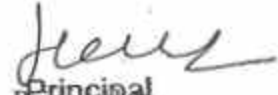
Total Students : 07  
Total Amount : Rs 700/-

Per Student Fess : Rs 100/-

Co-ordinator  


Head  
Dept. of Marathi  




Principal  
A.M.A. & N.C.S. College  
Rajapur, (V. Gothne) Dist. Ratnagiri.  




RayatShikshanSanstha's  
ABASAHEB MARATHE ARTS AND NEW COMMERCE,SCIENCE COLLEGE,RAJAPUR.

Department Of Marathi

Short Term Course

Certificate Course In News Writing

2022 – 23

Board of Studies

Sr. no.	Designation	Name of the Person
1	Chairman	Prin.Dr.Harale G.D. ( Principal)
2	Member	Dr.Bhave.A.V.( IQAC Co – ordinator )
3	Member	Prof.Dr.Mestry S.R.(Head & Course Co –ordinator)
4	Member	Prof.Dr.Bawale R.S.
5	Member	Prof.Dr.Mestry S.R ( Chairman,short term course committee)

Co-ordinator



Head

Dept.of Marathi

Principal

A.M.A.&N.C.S.College  
Rajapur,(V.Gothne)Dist.Ratnagiri.

रयत शिक्षण संस्था,

आवासाहेब मराठे आर्ट्स & न्यू कॉमर्स, सायन्स कॉलेज, राजापूर

मराठी विभाग

लघुकालीन अभ्यासक्रम

सन :- २०२२ - २०२३

बातमी लेखन

❖ अभ्यासक्रम

- उद्दिष्टे :- १) मुलांना व्यावसायिक कौशल्य प्राप्त करून देणे  
२) वृत्तपत्र विद्या बाबत ज्ञानप्राप्ती करून घेणे.  
३) वार्ताहर म्हणून नोकरीची संधी उपलब्ध करून देणे.  
४) समाजातील समस्यांची जाणीव करून देणे.

१) सैद्धांतिक विचार.

- १) प्रसार माध्यमांचे आजचे स्वरूप
- २) वर्तमानपत्राचा इतिहास परिचय
- ३) वर्तमान पत्रासाठी बातमी लेखन
- ४) बातमी रूप स्वरूप - स्त्रोत.
- ५) बातमीचे प्रकार
- ६) पत्रकाराचे गुण

२) प्रात्यक्षिक कृती

- १) रंगणकाचा वापर करून आकर्षक बातमी तयार करणे.
- २) इत्येक विद्यार्थ्याने Video व Audio स्वरूपात 'स्व' आवाजात बातमी तयार करणे.
- ३) Live बातम्यांचे निरीक्षण करणे

४) वर्तमानपत्रासाठी बातम्या तयार करणे.

५) विविध क्षेत्रातील यशस्वी व्यक्तींची मुलाखत स्वतः विद्यार्थ्यांनी प्रश्न तयार करू घेणे.

६) प्रसार माध्यमांच्या कार्यालयांना भेटी देणे व अहवाल तयार करणे.

७) कात्रण संग्रह तयार करणे.

संदर्भ यादी :-

१) एक स्नेहल तावरे व्यावहारिक मराठी स्नेहवर्धन प्रकाशन, पुणे

२) देव यशवंत शब्द प्रधान गायकी पापुलर प्रकाशन

३) देशमुख मंगेशकरचे सुरेशचंद्र प्रकाशन, पुणे २००६

४) नाशिराबादकर व्यावहारिक मराठी फडके प्रकाशन, कोल्हापूर

५) यशवंतराव चव्हाण महाराष्ट्र मुक्त विद्यापीठ, नाशिक

६) कुलकर्णी व्यावसायिक पत्रव्यवहार व अहवाल लेखन प्रकाशन, पुणे

७) स्नेहवर्धन प्रकाशन, पुणे

८) यास्मिन.शेख मराठी लेखन मार्गदर्शिका महाराष्ट्र राज्य विकास मंडळ संस्था, मुंबई

९) ले ले रा. के., मराठी वृत्तपत्राचा इतिहास

प्रश्न पत्रिकेचे स्वरूप :-

१. दीर्घोत्तरी प्रश्न (अंतर्गत पर्याय) दोन प्रश्न १५ गुण

२. दोन लघुत्तरी प्रश्न (अंतर्गत पर्याय) पाच प्रश्न २० गुण

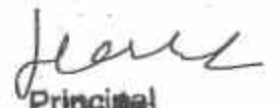
३. एका वाक्यांत प्रश्न (अंतर्गत पर्याय) १० प्रश्न १० गुण

४. प्रात्यक्षिक कार्य ( एकूण - ५०)

  
कोर्स समन्वयक

  
विभाग प्रमुख



  
Principal  
A.M.A.&N.C.S. College  
Rajapur, (V. Gothne) Dist. Ratnagiri.

Rayat Shikshan Sanstha's  
ABASAHEB MARATHE ARTS AND NEW COMMERCE,SCIENCE COLLEGE,RAJAPUR.

Department Of Marathi  
Short Term Course  
Certificate Course In News Writing  
2022 -23  
Time Table

Duration Period - JANUARY2023 – February 2023

Time	Day		
11:30 to 12:30	Tuesday	Wednesday	Friday

Prof. Dr. R. S. Bawale  
Prof.Dr.Mestry S.R

Period  
Theory : 30  
Total Periods : 30

  
Co - Ordinator



  
Principal  
A.M.A.&N.C.S.College  
Rajapur,(V.Gethne)Dist.Palnagiri.



रयत शिक्षण संस्थेचे,  
आवासाहेब मराठे आर्ट्स & न्यू कॉमर्स, सायन्स कॉलेज, राजापूर(रत्नागिरी)

मराठी विभाग

सन : २०२२-२३

"बातमीलेखन कौशल्य कोर्स"

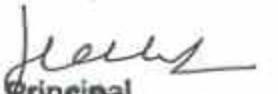
नोटीस

दि. ०३/०१/२०२३

मराठी विभागातील सर्व विद्यार्थ्यांना कळविण्यात येते की, बातमी लेखन कोर्स दि. ०३ /०१ /२०२२ पासून दु. ११.३० ते १२.३० या वेळेत lecture घेण्यात येणार असून सर्व विद्यार्थ्यांनी उपस्थित रहावे. याची सर्व विद्यार्थ्यांनी नोंद घ्यावी.

  
कोर्स समन्वयक



  
Principal  
A.M.A. & N.C.S. College  
Rajapur, (V. Gethne) Dist. Ratnagiri.

रयत शिक्षण संस्थेचे,  
आबासाहेब मराठे आर्ट्स & न्यू कॉमर्स, सायन्स कॉलेज, राजापूर(रत्नागिरी)  
मराठी विभाग  
सन : २०२२-२३  
“बातमीलेखन कौशल्य कोर्स”

परीक्षा नोटीस

दि. ३१/०३/२०२३

मराठी विभागातील सर्व विद्यार्थ्यांना कळविण्यात येते की, बातमी लेखन कोर्सची परीक्षा दि. ०८ / ०४ / २०२३ रोजी दु. १.०० ते २.०० या वेळेत घेण्यात येणार असून सर्व विद्यार्थ्यांनी परीक्षा देणे अनिवार्य असेल. तसेच परीक्षेसंबंधीच्या सर्व सूचना Whatsapp ग्रुपवर वेळोवेळी दिल्या जातील. याची सर्व विद्यार्थ्यांनी नोंद घ्यावी.

  
कोर्स समन्वयक



  
Principal  
A.M.A. Arts & Science College  
Rajapur, (V. Gothne) Dist. Ratnagiri.

रयत शिक्षण संस्थेचे,  
आवासाहेव मराठे आर्ट्स & न्यू कॉमर्स, सायन्स कॉलेज, राजापूर(रत्नागिरी)  
मराठी विभाग  
सन : २०२२-२३  
"बातमीलेखन कौशल्य कोर्स (Short Term Course)"

गुणपत्रक

अ.क्र.	रोल क्र.	नाव	गुण		एकूण गुण
			Exam Test	Practical	
१	TYB01	Bhinge Rahul Dipak	Ab	Ab	Ab
२	TYB02	Jaitapkar Tushar Kishor	३८	३८	७६
३	TYB03	Kudajkar Mahendra Umaji	४०	४०	८०
४	TYB04	Nadankar Sandesh Chandrakant	४०	३८	७८
५	TYB05	Pujari Akshata Jagannath	Ab	Ab	Ab
६	TYB06	Sagavekar Pranali Bhaskar	३८	३७	७५
७	TYB07	Sodaye Nilam Dattaram	३८	३९	७७

प्रथम क्रमांक :- Kudalkar M.U -- ८० गुण

द्वितीय क्रमांक :- Nadankar S.C. -- ७८ गुण

तृतीय क्रमांक :- Sodaye N.D. -- ७७ गुण



26/

Head

Dept. of Marathi

Principal

A.M.A.&N.C.S.College  
Rajapur, (V. Gothne) Dist. Ratnagiri.

रयत शिक्षण संस्थेचे,  
आवासाहेब मराठे आर्ट्स, न्यू कॉमर्स व सायन्स कॉलेज, राजापूर

शैक्षणिक वर्ष: २०२२-२०२३

मराठी विभाग

"बातमीलेखन कौशल्य कोर्स"

प्रश्नपत्रिका

(५०)

मार्क)

सूचना : - खालील पैकी सर्व बहुपर्यायी प्रश्न सोडवणे आवश्यक आहेत.

प्रश्न :- खालीलपैकी योग्य पर्याय निवडा.

१. आकलनासह केलेले ध्वनी उच्चारण म्हणजे काय?

अ. भाषण ब. वाचन क. संभाषण

२. वाचनाचे किती प्रकार आहेत?

अ. तीन ब. चार क. पाच

३. भाषिक कौशल्ये किती प्रकारची आहेत?

अ. पाच ब. तीन क. चार

४. संभाषणाचे प्रकार किती आहेत?

अ. तीन ब. दोन क. चार

५. आत्माविष्काराचे सर्वात प्रभावी साधन कोणते?

अ. बोलणे ब. चालणे क. लिहिणे

६. संभाषण कौशल्याची किती अंगे आहेत?

अ. चार ब. सहा क. पाच



७. मराठीतील पहिले वृत्तपत्र कोणते?

अ. दर्पण ब. पुढारी क. केसरी

८. दर्पण हे वृत्तपत्र कोणत्या साली काढण्यात आले?

अ. १८४० ब. १८३२ क. १८३१

९. मुद्रित माध्यमात सर्वात प्रभावी माध्यम कोणते?

अ. मासिक ब. वृत्तपत्र क. नियतकालिक

१०. वृत्तपत्राचे किती प्रकार पडतात?

अ. सात ब. सहा क. पाच

११. वृत्तपत्राचा इतिहास हे पुस्तक कोणाचे आहे?

अ. रवींद्र शोभणे ब. उत्तम कांबळे क. वि. कृ. जोशी

१२. अमेरिकेत पहिले छापखाना कोणत्या साली सुरू झाले?

अ. १६३८ ब. १७३२ क. १५३८

१३. भारतातील पहिले वृत्तपत्र कोठे सुरू झाले?

अ. बेंगलोर ब. कलकत्ता क. मुंबई

१४. आकाशवाणी हे कोणते माध्यम आहे?

अ. दृक ब. श्राव्य क. दृक-श्राव्य

१५. आकाशवाणीचे मुख्यालय कोठे आहे?

अ. दिल्ली ब. नागपूर क. पुणे

१६. भारतात रेडिओ प्रसारण केव्हा सुरू झाले?

अ. १९१५ ब. १९१४ क. १९२४

१७. आकाशवाणी दिल्ली केंद्रावरून दिल्या जाणा-या बातम्या कोणत्या साली बंद झाल्या?

अ. २००० ब. २०१७ क. २००५

१८. आकाशवाणीला दुसरा शब्द कोणता आहे?

अ. नभोवाणी ब. चित्रवाणी क. संवादवाणी

१९. दूरचित्रवाणीचा शोध कोणी लावला?

अ. जॉन बेजर्ड व. जॉन स्मिथ क. जॉन नीक

२०. दूरचित्रवाणीला दूरदर्शन हे नाव कोणत्या साली पडले?

अ. १७७२ व. १९६५ क. १९७६

२१. पत्रकारितेचे किती प्रकार पडतात?

अ. आठ व. नऊ क. वहा

२२. वार्ता विभाग कोणत्या विभागाचा उपघटक आहे?

अ. स्तंभलेखन व संपादन क. बातमी

२३. दूरदर्शनचे ग्रीक वाक्य कोणते आहे?

अ. सत्यम् शिवम् सुंदरम् व. सच देखो क. खलनिगाय

२४. मुंबई दूरदर्शन केव्हा स्थापन झाले?

अ. १९६० व. १९७२ क. १९७३

२५. पहिले भू उपग्रह स्थानक काटे उभारण्यात आले?

अ. आर्षी व. पुणे क. मोल्हापूर


रयत शिक्षण संस्थेचे,  
आबासाहेब मराठे आर्ट्स & न्यू कॉमर्स, सायन्स कॉलेज, राजापूर(रत्नागिरी)  
मराठी विभाग  
सन : २०२२-२३  
"वातमीलेखन कौशल्य कोर्स"

हजेरी ( फेब्रुवारी -२०२३ )

अ.क्र.	विद्यार्थ्याचे नाव	१	२	४	८	९	११	१५	१६	१८	२२	२३	२५
१	Bhinge Rahul Dipak	A	A	A	A	A	A	A	A	A	A	A	A
२	Jaitapkar Tushar Kishor	P	P	P	P	P	P	P	P	P	P	P	P
३	Kudajkar Mahendra Umaji	P	P	P	P	P	P	P	P	P	P	P	P
४	Nadankar Sandesh Chandrakant	P	P	P	P	P	P	P	P	P	P	P	P
५	Pujari Akshata Jegannath	A	A	A	A	A	A	A	A	A	A	A	A
६	Sagavekar Pranali Bhaskar	P	P	P	P	P	P	P	P	P	P	P	P
७	Sodaye Nilam Dattaram	P	P	P	P	P	P	P	P	P	P	P	P
८													

  
कोर्स समन्वयक



  
Principal  
A.M.A. Arts & Science College  
Rajapur, (V. Gothne) Dist. Ratnagiri.

# Certificate



Karmaveer

Rayat Shikshan Sanstha's

ABASAHEB MARATHE ARTS AND NEW COMMERCE,

SCIENCE COLLEGE, RAJAPUR

(Vikhare - Gothane) Tal: Rajapur, Dist: Ratnagiri

Department of Marathi

Certificate Course in News Writing

(2022-2023)

**CERTIFICATE**




QUEST FOR  
EXCELLENCE

This is to certify that

of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has successfully completed the 30 hours Certificate Course in Vedic Marathi organised by the Department of Marathi from 1<sup>st</sup> January to 30<sup>th</sup> March, 2023.

Dr Rajendra Bawale  
Course Coordinator

  
Dr. G. D. Harale  
Principal



Edit with WPS Office





Rayat Shikshan Sanstha's

**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.**

At - Post -Vikhare Gothane, Tal - Rajapur, Dist. - Ratnagiri, Pin Code - 416702. (MH)

*\*Affiliated to University of Mumbai\**

*Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

*Department of Geography*

*Academic Year 2022-2023.*

**Certificate Course in - 'Travel and Tourism'**

**Name of Coordinator - Dr. Harale G.D.**

**Duration - 30 Hrs.**



Rayat Shikshan Sanstha's

**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.**

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*\*Affiliated to University of Mumbai\**

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Date - 01 December 2022.

## **Admission Notice**

### **Certificate Course in - Travel and Tourism**

*Department of Geography*  
**Academic Year 2022-2023.**

All students of college are hereby informed that, admission process for Certificate Course in 'Travel and Tourism' will be start on 10 December 2022 to 10 February 2023. The commencement of lectures will be from 10 December 2022. Those students who are interested to enrol for this short-term course are informed to contact Dr.Harale Ghansham D. Associate Professor, Department of Geography (Contact-9822232258, Email-ghanshamharale@gmail.com.)

Course Coordinator

Head

Department of Geography



**Rayat Shikshan Sanstha's**  
**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.**

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**Department of Geography**

Academic Year 2022-2023.

**Certificate Course in - 'Travel and Tourism'**

**Course Start Notice**

9/12/2022

All the students of Certificate Course in 'Travel and Tourism' are hereby informed that the lectures will commence from 10 December 2022. Students who are enrolled for this course should present the Geography Department for the Lecturer as per Time Table.

  
Course Coordinator

  
Head  
Department of Geography



Rayat Shikshan Sanstha's

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Date- 09 December 2022.

*Department of Geography*

Academic Year 2022-2023.

**Certificate Course in – “A Certificate Course in Travel  
and Tourism”**

Sr. No.	Roll Number	Class	Name of Student	Date of admission
1.	2022 TA 18	T.Y.B.A.	Gurav Yogini Ramesh	4- December 2022
2.	2022 TA 19	T.Y.B.A.	Jadhav Reshma Krishna	4- December 2022
3.	2022 TA 20	T.Y.B.A.	Jadhav Sayali Rajendra	5- December 2022
4.	2022 TA 21	T.Y.B.A.	Joshi Mayur Madhav	6- December 2022
5.	2022 TA 22	T.Y.B.A.	Nalavade Tejasvi Vilas	6- December 2022
6.	2022 TA 23	T.Y.B.A.	Patakar Sakshi Dinesh	7- December 2022

  
Course Coordinator

  
Head  
Department of Geography





## Rayat Shikshan Sanstha's

### Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.

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Date-02 December2022.

### Department of Geography

Academic Year 2022-2023.

### Certificate Course In - 'Travel and Tourism'

#### Board Of Studies'

Sr. No.	Name	Designation	Position	Sign
1	Dr. Harale G. D.	I/C Principal, A.M.A.N.C.S. College, Rajapur	Chairman	
2	Dr. Bhave A. V.	IQAC Co Ordinator A.M.A.N.C.S. College, Rajapur	Member	
3	Dr. Mestri S. R.	Head, Dept. of Marathi Chairman, Short Term Course Committee A.M.A.N.C.S. College, Rajapur	Member	
4	Dr. Harale G. D.	Associate Professor, Dept. of Geography A.M.A.N.C.S. College, Rajapur	Course Co- Ordinator	
5	Dr. Hajare P.J.	Assistant Professor, Head, Dept. of Geography A.M.A.N.C.S. College, Rajapur	HOD & Member	
6	Prof. Namjoshi C.A.	I/C Principal, Youk Vikas Mandal's Arts, Commerce, Science College Bhalavali	Expert	

Course Coordinator

Head  
Department of Geography



## Rayat Shikshan Sanstha's

### Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.

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Date-03December2022.

### Department of Geography

Academic Year 2022-2023.

### Certificate Course In - 'Travel and Tourism'

### Board of Studies' Meeting

A meeting of the Board of Studies for Certificate Course was held on Monday 05 December 2022 at 12.00 PM in the Principal Cabin.

### Board of Studies

Sr. No.	Name	Designation	Position	Sign
1	Dr. Harale G. D.	I/C Principal, A.M.A.N.C.S. College, Rajapur	Chairman	
2	Dr. Bhave A. V.	IQAC Coordinator A.M.A.N.C.S. College, Rajapur	Member	
3	Dr. Mestry S. R.	Head, Dept. of Marathi Chairman, Short Term Course Committee A.M.A.N.C.S. College, Rajapur	Member	
364	Dr. Harale G. D.	Associate Professor, Dept. of Geography A.M.A.N.C.S. College, Rajapur	Course Co- Ordinator	
5	Dr. Hajare P.J.	Assistant Professor, Head, Dept. of Geography A.M.A.N.C.S. College, Rajapur	HOD & Member	
6	Prof. Namjoshi C.A.	I/C Principal, Youk Vikas Mandal's Arts,Commerce.Science College Bhalavali	Expert	

Course Coordinator

Head  
Department of Geography

## **Agenda of Meeting**

- 1. Introduction: -**
- 2 Planning for Certificate Course in Geography department.**
- 3 Curriculum developments.**
- 4 Student engagement strategies.**
- 5 Fee Structure**
- 6 To discuss any other subject with the permission of chair.**

### **Following Topics were discussed in this meeting (Minuets)**

#### **1) Introduction: -**

**Resolution-** Head of Department of Geography Dr.Hajare P.J. welcomed all present. Certificate Course Chairman Dr. Mestry S.R. explained the role of conducting Certificate Course and it was unanimously decided to conduct 01 Certificate Courses for Department of Geography.

#### **2) Planning for Certificate Course in department.**

**Resolution: -** It has been decided that the certificate course in Department of Geography should be taken up in the second half, so that the admission process will be conducted in the month of December and the syllabus and examination will be completed from December to February.

#### **3) Curriculum development.**

**Resolution: -** Certificate Course In - 'Travel and Tourism' has been selected for the academic year 2022-23 by the Department of Geography for which a syllabus of 30 hours (Lectures 25 and Practicals 5) has to be designed and an examination of 50 marks was fixed for evaluation. Dr.Harale G.D. was selected as the coordinator and instructor for the Certificate course. The resolution was unanimously approved.

#### **4) Student engagement strategies.**

**Resolution: -** It was decided that the course coordinator should complete the information and importance of this course to the students through WhatsApp group and other means to get maximum number of students to participate in this course. The resolution was unanimously approved.


#### **5) Fee Structure**

**Resolution: -** It is decided that Most of Students of our college are from Rural area and having low income class So BOS has decided that Without any Fee From Students and Without any Remuneration to Teacher/ Experts Short Term Course Has to be Complete . The resolution was unanimously approved.

#### **6) To discuss any other subject with the permission of chair.**

### Board of Studies Attendance

Following members of the Board of Studies for Certificate Course were present for the meeting.

Sr. No.	Name	Designation	Position	Sign
1	Dr. Harale G. D.	I/C Principal, A.M.A.N.C.S. College, Rajapur	Chairman	
2	Dr. Bhave A. V.	IQAC Coordinator A.M.A.N.C.S. College, Rajapur	Member	
3	Dr. Mestri/S. R.	Head, Dept. of Marathi Chairman, Short Term Course Committee A.M.A.N.C.S. College, Rajapur	Member	
4	Dr. Harale G. D.	Associate Professor, Dept. of Geography A.M.A.N.C.S. College, Rajapur	Course Co-Ordinator	
5	Dr. Hajare P.J.	Assistant Professor, Head, Dept. of Geography A.M.A.N.C.S. College, Rajapur	HOD & Member	
6	Prof. Namjoshi C.A.	I/C Principal, Youk Vikas Mandal's Arts,Commerce.Science College Bhalavali	Expert	





Rayat Shikshan Sanstha's

**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.**

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Date- 09 December 2022.

*Department of Geography*

Academic Year 2022-2023.

**Certificate Course in – “Travel and Tourism”**

**Distribution of Work 2022-23**

Total Workload 30 (Theory 25 and Practical 05 )

Sr. No.	Name of the Teacher	Theory	Practical's
1	<b>Dr. Hajare P.J.</b>	Topic I= Lectures 05 Topic II= Lectures 05 Topic III= Lectures 05	
2	<b>Dr. Harak G. D.</b>	Topic IV= Lectures 05 Topic V= Lectures 05	Topic VI= Practical's 05

  
Course Coordinator

  
Head  
Department of Geography



## Rayat Shikshan Sanstha's

### Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.

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### *Department of Geography*

Academic Year 2022-2023.

### **Certificate Course In - 'Travel and Tourism**

#### **Time Table**

Sr. No.	Name of the Teacher	Months	Days	Time
01	Dr.Harale G.D.	December,	Monday	01.00 PM TO 01.50 PM
		January,	Tuesday	
		February.	Wednesday	
2	Dr. Hajare P.J.	December,	Thursday	
		January,	Friday	
		February.	Saturday	

  
Course Coordinator

  
Head  
Department of Geography



Rayat Shikshan Sanstha's

**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.**

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*Department of Geography*

Academic Year 2022-2023.

**Certificate Course in - 'Travel and Tourism'**

## **Syllabus**

**Theory-25, Practicals-05**

### **Aims and Objectives**

- To introduce the basic and latest concepts in Tourism
- To introduce how to planning, organization and management of tours
- To utilize natural beauty of konkan through tourism
- To develop tourism by keeping in mind the degradation of environment
- To expose the tradition and culture of konkan through tourism
- To achieve socio-economic development through tourism

### **Outcomes:**

- Students will get basic and latest ideas of Tourism
- Students helps to organize tours in proper manner
- It will help Students the job opportunities in tourism industry

<b>Sr.No</b>	<b>Topics</b>	<b>Theory Hours</b>	<b>Practical Hours</b>
<b>1</b>	<b>Travel &amp; Tourism</b> 1)Definition, Nature &Impotence 2)Types of Tourism 3)Physical Factors& Tourism 4)Cultural Factors & Tourism 5) Historical Factors & Tourism	05	
<b>2</b>	<b>Impacts of Tourism on Economy &amp; Environment</b> 1)Impact of Tourism on Economy 2)Roll of Tourism in National & International Economy 3) Impact of Tourism on Environment	05	
<b>3</b>	<b>Opportunities in Tourism Industry</b> 1)Travel Agency 2)Organization of Tours 3)Tourism Consultancy 4)Tourism Guide	05	

4	<b>Study of Important Tourist centers in India</b> 1) Simala&Mahabaleshwar 2) Delhi 3) Goa 4)Tirupati Focus on Route Search with The help of Internet, Travel Agencies, Hotels, ITDC, Visiting Places, etc.	05	
5	<b>Study of Important Tourist centers in Konkan</b> 1) Ganapatipule 2)Raigad Fort 3) Sindhudurg Fort 4)Mumbai Focus on Route Search with The help of Internet, Travel Agencies, Hotels, MTDC, Visiting Places, etc.	05	
6	<b>Practical</b> Organization of Tour at Least 01Day to 08 Days Within Maharashtra		05

#### Reference Books

1. Tourism Geography – Prof.Khatib K. A.
2. Tourism Geography – Prof.Dr.Shinde S. B.
3. Tourism Geography – Prof.Dr.Barkade A. J.  
 Prof.Dr. AdvitotS. C.  
 Prof.Dr.Sule B.M.





Rayat Shikshan Sanstha's  
**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.**

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*Department of Geography*  
Academic Year 2022-2023.

**Certificate Course in - Travel and Tourism  
Attendance Record**

Sl. No.	Roll No.	Name of Students	December 2022 01.00 PM to 01.50PM											Attendance Percentage	
			Date												
			10	12	13	14	15	16	17	19	20	21	22	23	
	2022 TA 18	Gurav Yogini Ramesh	P	P	P	P	A	P	P	P	P	P	P	P	
	2022 TA 19	Jadhav Reshma Krishna	A	A	A	A	P	P	P	P	A	A	A	P	
	2022 TA 20	Jadhav Sayali Rajendra	P	P	P	P	P	A	A	P	P	P	P	P	
	2022 TA 21	Joshi Mayur Madhav	P	A	P	P	P	P	P	P	P	P	P	A	
	2022 TA 22	Nalavade Tejasvi Vilas	P	P	P	P	P	P	P	P	P	P	P	P	
	2022 TA 23	Patakar Sakshi Dinesh	P	A	A	A	P	P	P	P	P	P	A	P	

*Heena*  
Course Coordinator

*Head*  
Head

Department of Geography



Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.

At - Post - Vikhare Gothane, Tal - Rajapur, Dist. - Ratnagiri, Pin Code - 416702. (MH)

\*Affiliated to University of Mumbai\*

Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai

Department of Geography  
Academic Year 2022-2023.  
Certificate Course in - Travel and Tourism  
Attendance Record

Sl. No.	Roll No.	Name of Students	January 2023 01.00 PM to 01.50PM														Attendance Percentage		
			Date																
			2	3	4	5	6	7	8	9	10	11	12	13	14	16	17	18	
	2022 TA 18	Gurav Yogini Ramesh	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	
	2022 TA 19	Jadhav Reshma Krishna	A	A	P	P	A	A	P	P	P	P	P	A	A	A	P	P	
	2022 TA 20	Jadhav Sayali Rajendra	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
	2022 TA 21	Joshi Mayur Madhav	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
	2022 TA 22	Nalavade Tejasvi Vilas	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	
	2022 TA 23	Patakar Sakshi Dinesh	A	P	P	P	P	P	A	P	P	A	A	P	P	P	P	P	

*Heaven*  
Course Coordinator

*Apurva*  
Head

Department of Geography



Rayat Shikshan Sanstha's

**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.**

At – Post -Vikhare Gothane, Tal - Rajapur, Dist. – Ratnagiri, Pin Code – 416702. (MH)

*\*Affiliated to University of Mumbai\**

*Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

Date-10 February 2023.

*Department of Geography*

Academic Year 2022-2023.

**Certificate Course in - Travel and Tourism**

**Examination Notice**

All the students of Short-term course (**Travel and Tourism**) are here by informed that; the **final exam of Short-term course (Travel and Tourism)** is scheduled on 15 February 2023, <sup>12</sup>~~03~~.00 PM to <sup>02</sup>~~03~~.00 PM. The exam will be held in the Department of Geography. All students must be present in the hall 15 minutes prior to the commencement of the examination and also must carry the college identity card with them.

Course Coordinator

Head

Department of Geography

Academic Year 2022-2023.

**Certificate Course in - Travel and Tourism  
Examination Attendance Report**

:- 15 February 2023

Time 01.00 PM to 03.00 PM

No.	Roll No.	Name of Students	Signature of Candidates
1	2022 TA 18	Gurav Yogini Ramesh	
2	2022 TA 19	Jadhav Reshma Krishna	
3	2022 TA 20	Jadhav Sayali Rajendra	
4	2022 TA 21	Joshi Mayur Madhav	
5	2022 TA 22	Nalavade Tejasvi Vilas	
6	2022 TA 23	Patakar Sakshi Dinesh	
		Total Allotted Students	06
		Total Present Students	05
		Total Absent Students	Nil
		Name of Junior Supervisor	Prof. Akash Chavhan
		Signature of junior supervisor	

  
Course Coordinator

  
Head

Department of Geography



*Department of Geography*

Academic Year 2022-2023.

**Certificate Course in - 'Travel and Tourism'**

**Question Paper**

Duration-02 Hrs. (12 pm. to 2 pm)

Total Marks 50

Instructions. 1. All Questions are compulsory.

2. Figures to the right indicate marks.

**Q.1. Attempt any one of following.**

10.

A) Define Tourism. Discuss its importance of Tourism.

B) Explain the different Types of Tourism.

**Q.2. Attempt any one of following.**

10.

A) Discuss the Impact of Tourism on Indian Economy.

B) Discuss the Impact of Tourism on Environment.

**Q.3. Attempt any one of following.**

10.

A) Examine the roll of Passport and Visa ticket booking in Tourism Industry.

B) Examine the roll of Travel Agency and Tourist Guide in Tourism Industry.

**Q.4. Attempt any one of following.**

10.

A) Explain an importance Tirupati as tourism centre in India

B) Explain an importance Delhi as tourism centre in India

**Q.5. Write any two notes from the following.**

10.

A) Discuss an importance Ganpatipule as tourism centre in Maharashtra

B) Discuss an importance Mumbai as tourism centre in Maharashtra





Rayat Shikshan Sanstha's

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*\*Affiliated to University of Mumbai\**

*Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

Date-03 March 2023.

*Department of Geography*

Academic Year 2022-2023.

**Certificate Course in - Travel and Tourism**

## **Marksheet**

In the examination held on 15 February 2023, the students have got the following marks

<b>Sr. No.</b>	<b>Roll Number</b>	<b>Class</b>	<b>Name of Student</b>	<b>Marks</b>
1.	2022 TA 18	T.Y.B.A.	Gurav Yogini Ramesh	35
2.	2022 TA 19	T.Y.B.A.	Jadhav Reshma Krishna	38
3.	2022 TA 20	T.Y.B.A.	Jadhav Sayali Rajendra	41
4.	2022 TA 21	T.Y.B.A.	Joshi Mayur Madhav	40
5.	2022 TA 22	T.Y.B.A.	Nalavade Tejasvi Vilas	43
6.	2022 TA 23	T.Y.B.A.	Patakar Sakshi Dinesh	39

  
Course Coordinator

  
Head  
Department of Geography



Rayat Shikshan Sanstha's

**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur.**

At – Post -Vikhare Gothane, Tal - Rajapur, Dist. – Ratnagiri, Pin Code – 416702. (MH)

*\*Affiliated to University of Mumbai\**

*Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

Date- 02March 2023

*Department of Geography*  
Academic Year 2022-2023.

**Certificate Course in – “Travel and Tourism”**

### **Short Term Course Completion Report**

Abasaheb Marathe Arts & New Commerce, Science College Rajapur had organized short term course on “A certificate course in travel & tourism” in the month of December, January 2022 and February 2023. Total 06 Students from B. A. III (Geography) completed the course successfully.

The course enabled students to understand how to organize tours within India and abroad. It also gives job opportunities to the students in the tourism sector.

Dr. Harale G. D. conducted the course as course coordinator and Dr. Hajare P.J. guided the students during the course in our college. Overall course experience to students was enjoyable.

  
Course Coordinator  
Dr. Harale G.D.

  
Head  
Department Of Geography



Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-Ratnagiri, 416  
702 (MH)

Affiliated to University of Mumbai, Mumbai  
Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai

Course Code: CEB101

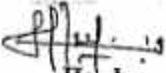
Certificate Course Name: E-Banking

Course Information

(2022-2023)

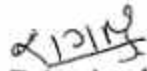
Date: 4<sup>th</sup> March, 2023

Sr. No.	Certificate Course Name	Course Code	Year of Offering	Number of times offered during the year	Duration of Course	Number of students enrolled in year	Number of students completed the course in the year
1	E-Banking	CEB101	2022-2023	1	30 Hourse	04	04

  
Head

Department of Economics



  
Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.





रयत शिक्षण संस्था का,  
आबासाहेब मराठे आर्ट्स एण्ड न्यु कॉमर्स, सायन्स कॉलेज, राजापूर  
हिंदी विभाग

'अनुवाद कला व मीडिया लेखन'

सन २०२२-२३


प्रवेश सूचना

तिथि : २२ दिसंबर २०२२

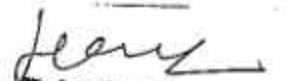
महाविद्यालय के तृतीय वर्ष कला हिंदी के सभी विद्यार्थियों को सूचित किया जाता है, कि हर साल लघुकालीन पाठ्यक्रम के अंतर्गत 'अनुवाद कला व मीडिया लेखन' का आयोजन किया जाता है. प्रस्तुत कोर्स तीन महीनों [३० व्याख्यान ] में पूर्ण किया जाएगा. यह कोर्स पूर्ण करने के उपरांत विद्यार्थियों को प्रमाणपत्र दिया जाएगा. प्रवेश की अंतिम तिथि ०२/०१/२३ है .अधिक जानकारी हेतु हिंदी विभाग से सम्पर्क करे.

  
समन्वयक

प्रा. शेवडे ए. के.

  
हिंदी विभागप्रमुख

प्रा.देवकर व्ही..डी

  
Principal  
A. M. A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.

Rayat Shikshan Sanstha's

Abasaheb Marathe Arts & New Commerce, Science College, Rajapur,  
Ratnagiri

Department of Hindi

2022-23

Short Term Course - ANUWAD KALA (Art of Translation )

### Aims & Objectives

- 1) To explain the concept and meaning of translation.
- 2) To inspire the students to translate any text/ matter from their mother tongue (Source Language) to Hindi /English (Target Language)
- 3) As translation is bridge / pool of two languages (Cultures). Through these Two languages students learn (by translating) to unite the people of two languages /cultures
- 4) By translating students learn to spread human values, literature etc. from source language to target language.



**Principal**  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.

रयत शिक्षण संस्था संचलित,  
आबासाहेब मराठे आर्ट्स & न्यू कॉमर्स सायन्स कॉलेज, राजापूर.  
हिंदी विभाग

लघुकालीन पाठ्यक्रम  
अनुवाद कला और मीडिया लेखन (२०२२-२३)  
पाठ्यक्रम

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१. मीडिया / जनसंचार माध्यम – अर्थ परिभाषा स्वरूप और प्रकार

२. मीडिया लेखन:

अ. समाचार – अवधारणा का अर्थ, स्वरूप, परिभाषा, प्रकार / भेद, लेखन शैलियाँ (माध्यम के अनुरूप)

ब. विज्ञापन लेखन – अवधारणा का अर्थ, स्वरूप, परिभाषा, प्रकार / भेद, लेखन शैलियाँ (माध्यम के अनुरूप)

क. धारावाहिक एकांकी - अवधारणा का अर्थ, स्वरूप, परिभाषा, प्रकार / भेद, लेखन शैलियाँ (माध्यम के अनुरूप)

इ. वृत्तचित्र - अवधारणा का अर्थ, स्वरूप, परिभाषा, प्रकार / भेद, लेखन शैलियाँ (माध्यम के अनुरूप)

ई. चलचित्र – (पटकथा, संवाद, दृश्य, आदि) - अवधारणा का अर्थ, स्वरूप, परिभाषा, प्रकार / भेद, लेखन शैलियाँ (माध्यम के अनुरूप)

३. मध्यमानुकुल उपर्युक्त का लेखन तथा प्रस्तुतीकरण व्यावहारिकपक्ष प्रस्तुत किया जाएगा.

**Rayat Shikshan Sanstha's**  
**Abasaheb Marathe Arts, New Commerce & Science College, Rajapur**  
**Dist- Ratnagiri**  
**Department Of Hindi**  
**Short Term Course 2022 – 2023**  
**'Art of Translation and Writing in Media'**  
**Board of Studies**

Sr. No	Designation	Name of the Person
1	Chairman	Prin. Dr. Harale G.D.
2	Member	Dr. Bhave A. V. ( IQAC Co – coordinator)
3	Member	Mr. Deokar V.D. (Head of Department)
4	Member	Dr. S. R. Mestry ( Chairman, Short Term Course Committee)
4	Member	Mr. Mali A.S. ( Expert)
5	Member	Mr. Shewade A. K. ( Course Co – coordinator)

  
Co-ordinator

  
Head of the Department

  
Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.



Rayat Shikshan Sanstha's

**ABASAHEB MARATHE ARTS & NEW COMMERCE ,SCIENCE COLLEGE, RAJAPUR**

Department of Hindi

**Time Table of 'Art of Translation and Writing in Media'**

2022 -23

Sr. No.	Day	Name of the Faculty	Time
1	Monday	Mr.Pawar H.S.	12:00 - 01:00
2	Tuesday	Mr: Shewade A.K.	12:00 - 01:00
3	Wednesday	-	-
4	Thursday	Mr.Pawar H.S.	12:00 - 01:00
5	Friday	Mr. Deokar V.D.	12:00 - 01:00
6	Saturday	Mr. Shewade A.K.	12:00- 01:00

  
Course Co-ordinator

Mr. Shewade A.K.

  
Head of the Department

Mr. Deokar V.D.



Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.





ABASAHEB MARATHE ARTS & NEW COMMERCE, SCIENCE COLLEGE, RAJAPUR  
Rayat Shikshan Sanstha's

Department of Hindi

'Art of Translation and Writing in Media'

2022-23

Student Name List

Sr. No.	Roll No.	Name of the Students	Sign
1	1917936	Borkar Raaza Shabbir	
2	1017938	Nikam Rutik Prakash	
3	1017939	Pitalekar Manasi Rajesh	
4	1017940	Sarang Ashish Santosh	

  
Principal  
A.M.A. & N.C. S. College  
Rajapur, Dist. Ratnagiri.

Rayat Shikshan Sanstha's

ABASAHEB MARATHE ARTS & NEW COMMERCE, SCIENCE COLLEGE, RAJAPUR

Department of Hindi

'Art of Translation and Writing in Media'

2022-23

Attendance Sheets Page-01

Sr. No	Name of Students	Dates														
1	Borkar Raaza Shabbir	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP
2	Nikam Rutik Prakash	NRP	NRP	NRP	NRP	NRP	NRP	NRP	NRP	NRP	NRP	NRP	NRP	NRP	NRP	NRP
3	Pitalekar Manasi Rajesh	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4	Sarang Ashish Santosh	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

  
Course Co-ordinator

  
Head of the Department

  
Principal  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.

Mr. Deokar V.D.


Mr. Shevade A.K.

Attendance Sheets Page-02

Sr. No.	Name of Students	Dates											
1	Borkar Raaza Shabbir	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP
2	Nikam Rutik Prakash	NRP	NRP	NRP	NRP	NRP	NRP	NRP	NRP	NRP	NRP	NRP	NRP
3	Pitalekar Manasi Rejesh	Pranasi	Pranasi	Pranasi	Pranasi	Pranasi	Pranasi	Pranasi	Pranasi	Pranasi	Pranasi	Pranasi	Pranasi
4	Sarang Ashish Santosh	Santosh	Santosh	Santosh	Santosh	Santosh	Santosh	Santosh	Santosh	Santosh	Santosh	Santosh	Santosh

Feb 20 23

  
 Course Co-ordinator  
 Mr. Shewade A.K.

Head of the Department  
  
 Mr. Deokar V.D.

  
 Principal  
 A.M.A. & N. C. S. College  
 Rajapur, Dist. Ratnagiri.



रयत शिक्षण संस्था का,  
आबासाहेब मराठे आर्ट्स एंड न्यू कॉमर्स सायन्स कॉलेज, राजापूर, जि.रत्नागिरी

**• हिंदी विभाग •**

(शैक्षिक वर्ष 2022-23)

**लघुकालीन पाठ्यक्रम [Short Term Course] : अनुवाद कला और मीडिया लेखन**

**• प्रश्नपत्र •**

परिक्षा तिथी : 06/03/2023

समय : 11.00 से 1.00

कुल अंक : 80

सूचना : निम्न में से किन्हीं चार (4) प्रश्नों के उत्तर विस्तार से लिखिए ?

प्रश्न 1) जनसंचार के सशक्त माध्यम के रूप में इंटरनेट की महत्ता को स्पष्ट कीजिए ?

प्रश्न 2) अनुवाद का अर्थ बताकर हिंदी में अनुवाद के विभिन्न प्रकारों को स्पष्टता से विशद कीजिए ?

प्रश्न 3) वर्तमान समय में धारावाहिक एकांकी का स्वरूप किस तरह से परिवर्तित हुआ है इस पर चर्चा कीजिए ?

प्रश्न 4) समाचार लेखन की विशेषताओं पर प्रकाश डालिए ?

प्रश्न 5) पटकथा लेखन का अर्थ बताकर इसके विभिन्न शैलियों का परिचय दीजिए ?

प्रश्न 6) विज्ञापन लेखन की परिभाषा देकर उसका स्वरूप स्पष्ट कीजिए ?

प्रश्न 7) हिंदी के जनसंचार माध्यमों की जानकारी दीजिए ?

प्रश्न 8) जनसंचार माध्यम की परिभाषा देकर उसके विभिन्न प्रकार विस्तार से स्पष्ट कीजिए ?

  
Principal

A. M. A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.

Student Name Marks

Sr. No.	Roll No.	Name of the Students	Theory Marks (80)	Oral Marks (20)
1	1917936	Borkar Raaza Shabbir	68	19
2	1017938	Nikam Rutik Prakash	63	17
3	1017939	Pitalekar Manasi Rajesh	64	19
4	1017940	Sarang Ashish Santosh	61	19



Co-ordinator

Good

HOD



Principal  
A. M. A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.



रयत शिक्षण संस्था संचलित  
आबासाहेब मराठे आर्ट्स एंड न्यू कॉमर्स, सायन्स कॉलेज, राजापूर  
हिंदी विभाग

लघुकालीन पाठ्यक्रम २०२२ - २३  
मीडिया लेखन व अनुवाद कला

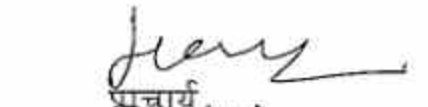
वृत्तान्त (रपट)

तिथी : २७/०३/२०२३

महाविद्यालय का हिंदी विभाग रोजगारपरक/प्रयोजनीय लघुकालीन पाठ्यक्रम 'मीडिया लेखन व अनुवाद कला' का आयोजन प्रतिवर्ष जनवरी से मार्च माह के अंतर्गत करता आया है इस वर्ष प्रस्तुत पाठ्यक्रम में ०४ विद्यार्थियों ने उत्साहपूर्वक प्रवेश ही नहीं किया बल्कि उसे सफलता पूर्वक संपन्न करने में सहाय्यक भी बने जिनमें से ३ छात्र प्रथम श्रेणी में और १ छात्र द्वितीय श्रेणी में उत्तीर्ण हुए।

  
समन्वयक

  
विभाग प्रमुख

  
Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri,



**Rayat Shikshan Sanstha's**  
**Abasaheb Marathe Arts and New Commerce, Science College, Rajapur,**  
**Dist-Ratnagiri, 416 702 (MH)**

*Affiliated to University of Mumbai, Mumbai*

*Reaccredited with B' grade by NAAC/ Best college Award by University of Mumbai, Mumbai*

**SHORT TERM COURSE: BIODIVERSITY CONSERVATION**


**ANNUAL REPORT**

**2022-23**

Abasaheb Marathe Arts and New Commerce, Science College, Rajapur had run Short Term Course on "Biodiversity Conservation" in the months of January to March, in the academic year 2022-23. 19 students from B.Sc. completed the course successfully.

The teaching methodology behind the conservation of biodiversity was created by faculty of department of Botany. Through the experiential learning approach, the students to develop hands-on skills in conservation of biodiversity. It enabled students to understand how the biodiversity is conserved.

Dr. B. A. Sonar, conducted the course as course coordinator and all faculty members of Botany department guided the students during the course in our college. Overall, the course was an eye opener for the students and with an extremely enjoyable experience.

  
Dr. B. A. Sonar  
Course Coordinator



  
Head

MSAD  
Department of Botany

A.M.A. & N.C.S. College Rajapur

  
Principal

Principal

A.M.A. & N.C.S. College  
Rajapur, (V. Gotline) Dist. Ratnagiri.





**Rayat Shikshan Sanstha's  
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**SHORT TERM COURSE: BIODIVERSITY CONSERVATION**

**Board of Studies, 2022-23**


Sr. No.	Name of the Person	Designation
1.	Dr. G. D. Harale (I/C Principal)	Chairman
2.	Dr. S. R. Mesrty (Vice Principal Arts Faculty)	Chairman, Short Term Course
3.	Dr. B. A. Sonar	Course Coordinator
4.	Mr. G. B. Pawar (Head, Department of Botany)	Member
5.	Dr. S. K. Kamble	Member

**Minutes of Meeting**

The meeting of Board of studies for Short Term Course in Biodiversity Conservation was held on 6<sup>th</sup> December 2023 in the Department of Botany and for the same following members were present and following points were discussed.

1. Enrollment of the students
2. Course implementation
3. Distribution and completion of syllabus
4. Fee Structure

  
Course Coordinator

  
HEAD  
Department of Botany  
A.M.A.&N.C.S. College, Rajapur

  
Chairman,

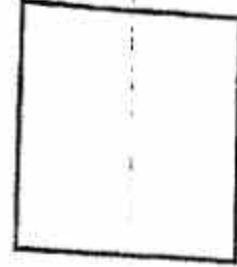
  
IQAC Coordinator

  
Principal  
A.M.A.&N.C.S. College  
Rajapur, (V. Gathne)

Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College  
Rajapur - 416702. Dis : Ratnagiri

## Short-Term Course Admission Form

20 - 20



To,  
The Principal,  
Abasaheb Marathe Arts and New Commerce, Science  
College, Rajapur, Dist : Ratnagiri.

1. Name of the Candidate  
(Start with Surname) : \_\_\_\_\_
2. Name of the Course : \_\_\_\_\_
3. Educational Qualification : \_\_\_\_\_
4. Permanent Address : \_\_\_\_\_  
: \_\_\_\_\_  
: \_\_\_\_\_
5. Contact No : \_\_\_\_\_
6. Date of Birth : \_\_\_\_\_
7. Sex : \_\_\_\_\_
8. Category : Open/ SC/ ST/ NT/ OBC/ SBC/ Other : \_\_\_\_\_
9. Admission Session  
(With Date) : First Half / Second Half Date : \_\_\_\_\_
10. Medium : Marathi / English

Date : \_\_\_\_\_

Place : \_\_\_\_\_

Signature of the Candidate

For Office Use Only

I certify that the admission of Mr./ Miss. \_\_\_\_\_ for above  
maintained course has been confirmed / not confirmed.



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Department of Botany  
Short Term Course  
Biodiversity Conservation  
List of Admitted students  
2022-23

Sr. No.	Koll No.	Name of the Student	Signature
1	2022FS01	Amberkar Suraj Vijay	
2	2022FS02	Bahire Manasi Satish	
3	2022FS03	Balbale Tabinda Fatima M. Naushad	
4	2022FS04	Bawale pratiksha Rajendra	
5	2022FS06	Borkar Mahvish Tabish	
6	2022FS07	Chavan Sanket Subhash	
7	2022FS08	Cheulkar Subodh Suresh	
8	2022FS09	Joshi Sanjana Suresh	
9	2022FS10	Kabiraj Riya Sarjit	
10	2022FS14	Mandavkar Saurvi Sitaram	
11	2022FS17	Patel Manasi Nilesh	
12	2022FS18	Pujari Nandini Rajan Revati	
13	2022FS20	Shinde Shrutika Ravindra	
14	2022FS21	Shirke Pranay Prakash	
15	2022FS22	Shirsekar Siddhesh Santosh Pradnya	
16	2022FS23	Sogam Pranay Dipak	
17	2022FS24	Solkar Farhat Farooque	
18	2022FS25	Solkar Khadija Mainuddin	
19	2022FS26	Takale Shubhangi Vasant Sharada	

Coordinator

Head

Department of Botany

Rayat Shikshan Sanstha's  
**ABASAHEB MARATHE ARTS AND NEW COMMERCE, SCIENCE COLLEGE  
RAJAPUR**

Department of Botany

Short Term Course: Biodiversity Conservation

**AIMS & OBJECTIVES**

- Conservation of biological diversity leads to conservation of essential ecological diversity to preserve the continuity of food chain.
- The genetic diversity of plants and animals are preserved.
- It ensures the sustainable utilization of life support system on earth.
- It provides a vast knowledge of potential use to the scientific community.
- A reservoir of wild animals and plants is preserved, thus enabling them to be introduced, if need be, in the surrounding areas.
- Biological diversity provides immediate benefits to the society such as recreation and tourism.
- Biodiversity conservation serves as an insurance policy for the future.
- To protect natural habitat.
- To preserve all varieties of old and new flora, fauna and microbes.
- To protect all critically endangered, endangered and rare species.
- To reduce pollution.
- To maintain ecological balance.
- To utilize the natural resources in a sustainable way.
- To increase public awareness.

Short Term Course in Botany: Biodiversity Conservation

Duration of Course 3 Months

Total lectures (20)

THEORY SYLLABUS

Unit 1. Plant Biodiversity:

(08)

- 1.1 Definition.
- 1.2 Diversity of flora found in various forest types of India.
- 1.3 Importance and status of plant diversity.
- 1.4 Causes of loss of plant diversity.
- 1.5 Conservation of plant diversity.
- 1.6 Study of plant diversity indices.

Unit 2. Animal Biodiversity:

(08)

- 2.1 Definition.
- 2.2 Diversity of fauna found in various areas of India.
- 2.3 Importance and status of animal diversity.
- 2.4 Causes of loss of animal diversity.
- 2.5 Conservation of animal diversity.

Unit 3. Biodiversity Act of India

(02)

PRACTICAL SYLLABUS

1. Study of endemic plant species from India with special reference to Ratnagiri & Sindhudurg Districts (Western Ghats).
2. Collection, germination and plantation of endemic plants of Western Ghats.
3. Biodiversity conservation awareness program.
4. Study of endemic animal species of Western Ghats.
5. Study of plant diversity using diversity indices.
6. Study of animal diversity using diversity indices.
7. Identification and study of biodiversity rich areas of Ratnagiri & Sindhudurg Districts.
8. Comparison of biodiversity using Sorenson Index.



## References

- Groom, M. J., Meffe, G. R. and C. R. Carroll. 2006. Principles of Conservation Biology. Sinauer Associates, Inc., USA.
2. Krishnamurthy, K. V. 2003. Textbook of Biodiversity. Science Publication.
  3. Primack, R. 2006. Essentials of Conservation Biology, Sinauer Associates, Inc., USA.
  4. Hambler, C. 2004. Conservation. Cambridge University Press.
  5. Van Dyke, F. 2008. Conservation Biology Foundations, Concepts, Applications 2nd Edition, Springer.
  6. Chopra RN, Nayer SL, Chopra IC (1956) Glossary of Indian Medicinal Plants. Council of Scientific and Industrial Research, New Delhi, pp 43
  7. Takhtajan A (1969) Flowering plants: origin and dispersal Edinburgh: Oliver & Boyd





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Department of Botany  
Short Term Course  
Biodiversity Conservation

Time Table

2022-23

Month	Week	Time		
		Theory (Wednesday)		Practical (Saturday)
		8.30 am to 9.20 am	2.30 to 3.20 pm	12.10 to 2.40 pm
January	I	SKK	BAS	GBP
	II	GBP	SKK	BAS
	III	BAS	GBP	SKK
	IV	GBP	SKK	BAS
February	I	BAS	GBP	SKK
	II	SKK	BAS	GBP
	III	GBP	SKK	BAS
	IV	BAS	GBP	SKK
March	I	GBP	SKK	BAS
	II	BAS	GBP	SKK
	III	SKK	BAS	GBP
	IV	GBP	SKK	BAS

Coordinator

Head

Department of Botany



Rayat Shikshan Sanstha's

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Department of Botany

Short Term Course

Biodiversity Conservation

Theory Attendance

2022-23

Sr. No.	Roll No.	Name of the Student	9/1/22	11/1/22	13/1/22	15/1/22	17/1/22	19/1/22	21/1/22	23/1/22	25/1/22	27/1/22	29/1/22
1	2022FS01	Amberkar Suraj Vijay	P	P	P	P	P	P	P	P	P	P	P
2	2022FS02	Bahire Manasi Satish	P	P	P	P	P	P	P	P	P	P	P
3	2022FS03	Balbale Tabinda Fatima M. Naushad	P	P	P	P	P	P	P	P	P	P	P
4	2022FS04	Bawale pratiksha Rajendra	P	P	P	P	P	P	P	P	P	P	P
5	2022FS06	Borkar Mahvish Tabish	P	P	P	P	P	P	P	P	P	P	P
6	2022FS07	Chavan Sanket Subhash	P	A	A	A	A	A	A	A	A	A	A
7	2022FS08	Cheulkar Subodh Suresh	P	A	A	A	A	A	A	A	A	A	A
8	2022FS09	Joshi Sanjana Suresh	P	P	A	A	A	A	A	A	A	A	A
9	2022FS10	Kabira Riya Sarjit	P	P	A	A	A	A	A	A	A	A	A
10	2022FS14	Mandavkar Saurvi Sitaram	P	P	A	A	A	A	A	A	A	A	A
11	2022FS17	Patel Manasi Nilesh	P	P	P	P	P	P	P	P	P	P	P
12	2022FS18	Pujari Nandini Rajan Revati	P	P	P	P	P	P	P	P	P	P	P
13	2022FS20	Shinde Shrutika Ravindra	P	P	P	P	A	A	A	A	A	A	A
14	2022FS21	Shirke Pranay Prakash	P	A	A	A	A	A	A	A	A	A	A
15	2022FS22	Shirsekar Siddhesh Santosh Pradnya	P	P	A	A	A	A	A	A	A	A	A
16	2022FS23	Sogam Pranay Dipak	P	P	P	P	P	P	P	P	P	P	P
17	2022FS24	Solkar Farhat Farooque	P	A	A	A	A	A	A	A	A	A	A
18	2022FS25	Solkar Khadija Mainuddin	P	P	P	P	P	P	P	P	P	P	P
19	2022FS26	Takale Shubhangi Vasant Sharada	P	P	P	P	P	P	P	P	P	P	P

*[Signature]*  
Coordinator

*[Signature]*  
Head  
Department of Botany

Rayat Shikshan Sanstha's  
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**Department of Botany**  
**Short Term Course**  
**Biodiversity Conservation**  
Practical Attendance

2022-23

Sr. No.	Roll No.	Name of the Student	1/10/22	15/10/22	21/10/22	28/10/22	4/11/22	11/11/22	18/11/22	25/11/22	2/12/22	9/12/22	16/12/22
1	2022FS01	Amberkar Suraj Vijay	P	P	P	P	P	P	P	P	P	P	P
2	2022FS02	Bahire Manasi Satish	P	P	P	P	P	P	P	P	P	P	P
3	2022FS03	Balbale TabindaFatima M.Naushad	P	P	P	P	P	P	P	P	P	P	P
4	2022FS04	Bawale pratiksha Rajendra	P	P	P	P	P	P	P	P	P	P	P
5	2022FS06	Borkar Mahvish Tabish	P	P	P	P	P	P	P	P	P	P	P
6	2022FS07	Chavar. Sanket Subhash	P	P	P	P	P	P	P	P	P	P	P
7	2022FS08	Cneulkar Subodh Suresh	P	A	P	P	A	P	P	P	P	P	P
8	2022FS09	Joshi Sanjana Suresh	P	A	P	P	P	A	P	P	P	P	P
9	2022FS10	Kabiraj Riya Sarjit	P	P	P	P	P	P	P	P	P	P	P
10	2022FS14	Mandavkar Saurvi Sitaram	P	P	P	P	P	P	P	P	P	P	P
11	2022FS17	Patel Manasi Nilesh	P	P	P	P	P	P	P	P	P	P	P
12	2022FS18	Pujari Nandini Rajan Revati	P	P	P	P	P	P	P	P	P	P	P
13	2022FS20	Shinde Shrutika Ravindra	P	P	P	A	A	P	P	P	P	P	P
14	2022FS21	Shirke Pranay Prakash	P	P	P	P	P	P	P	P	P	P	P
15	2022FS22	Shirsekar Siddhesh Santosh Pradnya	P	P	P	P	P	P	P	P	P	P	P
16	2022FS23	Sogam Pranay Dipak	P	P	P	A	P	P	A	P	P	P	P
17	2022FS24	So.kar Farhat Farooque	P	A	P	P	P	A	P	A	A	P	P
18	2022FS25	Solkar Khadija Mainuddin	P	P	P	P	P	P	P	P	P	P	P
19	2022FS26	Takale Shubhangi Vasant Sharada	P	P	P	P	A	A	P	P	P	P	P

  
 Co-ordinator

  
 Head  
 Department of Botany

### Notice

All the students of Short Term Course on "Biodiversity Conservation" are informed that the examination of the course will be held on 15 March 2023. Examination will be conducted in Botany Lab. Examination will be of 50 marks.



HEAD  
Department of Botany  
A.M.A.S.N.C.S. College Rajpur





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**SHORT TERM COURSE : BIODIVERSITY CONSERVATION**

Question Paper Pattern, 2022-2023

Time: 2 hours

Marks: 50

Que 1: Attempt the following

15 Marks

A  
Or  
B

Que 2: Attempt the following

15 Marks

A  
Or  
B

Que 3: Write a note on (Any Two)

10 Marks

A  
B  
C  
D

Que 4: Match the following

05 Marks

Que 5: True or false

05 Marks



Rayat Shikshan Sanstha's  
ABASAHEB MARATHE ARTS & NEW COMMECE, SCIENCE COLLEGE, RAJAPUR  
Department of Botany & Zoology  
Short Term Course: Biodiversity Conservation (15-16)

Time: 9:30am to 11:30 am

Marks: 50

- Note: 1. All questions are compulsory.  
2. Draw figures whenever necessary.  
3. Figure to right indicate full marks.

Q.1 Attempt the following 15

a) Define biodiversity and explain types of biodiversity.

OR

b) Give a detailed account on importance of biodiversity.

Q.2 Attempt the following 15

a) Explain in brief various causes of loss of plant biodiversity.

OR

b) What is meant by conservation of biodiversity? Add a note on strategies for conservation of biodiversity.

Q.3 Write a note on (Any two). 10

a) Advantages of In-situ conservation

b) Hot spots

c) Enlist biogeographical regions of India

d) Ex-situ conservation

Q.4 Match the following 05

1) Hot spots

2) Botanical garden

3) Protected area

4) Sanctuary

5) National park

a) Ex-situ conservation

b) Bandipur, Karnataka

c) North east Himalaya

d) Cold desert

e) Nandankanan zoological park

Q.5 True or false 05

- 1) Genetic diversity helps in speciation or evolution of new species.
- 2) Alpha diversity describes diversity of habitat over a total landscape or geographical area.
- 3) Seed gene bank is a In-situ type of conservation strategy.
- 4) Introduction of exotic species does not harm biodiversity.
- 5) Genetic techniques can be utilized in Ex-situ conservation.

\*\*\*\*\*

*Certificate*



Karmaveer

Royat Shikshan Samstha's

**ABASAHEB MARATHE ARTS AND NEW COMMERCE, IQAC**

**SCIENCE COLLEGE, RAJAPUR**

(Vilhare - Gothane) Tal: Rajapur, Dist: Ratnagiri

**Department of BOTANY**

**BIODIVERSITY**

**(2022-2023)**

**CERTIFICATE**

This is to certify that \_\_\_\_\_

*of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has successfully completed the 30 hours Certificate Course in Biodiversity organized by the Department of Botany from 1<sup>st</sup> January to 30<sup>th</sup> March, 2023.*

**Dr. B. A. Sonar**

**Mr. G. B. Pawar**

Assistant Head Department of Botany

**Dr. G. D. Harale**

Principal

QUEST FOR EXCELLENCE

88

Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts & New Commerce Science College, Rajapur  
Department of Economics  
**Short Term Course: - E-Banking**  
**Board of Studies 2022-23**

Sr. No.	Name	Designation
1	Dr. G. D. Harale I/c, Principal, AMANCS college, Rajapur	Chairman
2	Miss. Solkar N.A.R. Head, Dept. of Economics, AMANCS college, Rajapur	Member
3	Mr. S. G. Mengal Assistant Professor, ASC college, Mokhada	Subject Expert
4	Dr. S. R. Mestry Associate Professor, AMANCS college, Rajapur Chairman, Short Term Course Committee	Member
5	Mr. Gaurev G. Pawar Assistant Professor, Dept. of Economics	Member
5	Mrs. Gitanjali S. Hake Assistant Professor, Dept. of Economics Co-Ordinator, Short Term Course – E-Banking	Member

**Minutes of the Meeting**

Board of Studies meeting of the short-term course of E-Banking was conducted on 19-12-2022 at 10.00 AM in the Department of Economics under the chairmanship of I/c Principal Dr. G. D. Harale. Following Points are discussed in this meeting.

1. Syllabus formation of E-Banking short term course.
2. Dissemination of work
3. Fee structure
4. Encouragement of Student

1. Miss. Solkar N.A.R. ....
2. Mr. S. G. Mengal ....
3. Dr. S.R. Mestry ....
4. Mr. G. G. Pawar ....
5. Mrs. G.S. Hake ....

*Jeeva*  
Principal  
A.M.A.&N.C.S.College  
Rajapur,(V.Gothre)Dist.Ratnagiri.



Rayat Shikshan Sanstha's

Abasaheb Marathe Arts and New Commerce, Science college, Rajapur

Department of Economics

Short Term Course (E Banking) 2022-23

Admission Notice

Date: - 20 December 2022

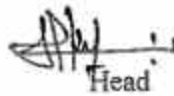
All students of college are here by informed that, admission process for short term course 'E-Banking' will be start on 20/12/2022 to 24/12/2022. The commencement of lectures will be from 1 January 2023. Those students who are interested to enrolled for this short-term course are informed to contact Mrs. Hake G. S., Assistant Professor, Department of Economics. Details of short-term course and required documents are given below: -

Duration of course: - 6 weeks

Required: - 1 Passport size photo (to be attested on admission form)

  
Coordinator

E-Banking Short term course

  
Head

Dept. of Economics

  
Principal  
A.M.A.&N.C.S.College  
Rajapur,(V.Gathne)Dist.Ratnagir.



RayatShikshanSanstha's

ABASAHEB MARATHE ARTS & NEW COMMERCE, SCIENCE COLLEGE, RAJAPUR

Department of Economics

F-BANKING COURSE 2022-23

Enrollment of Student

Sr. No.	Name of the Students
1	Jadhav Ranjit Dipak
2	Mujawar Mohammad.Suheb Subahani
3	Shinde Vivek Laxman
4	Zapanekar Shubham Chandrakant

  
Course Co-ordinator

(Prof. Hake G.S.)

  
Course Co-ordinator

(Prof. Pawar G.G.)

  
HoD

(Prof. Solkar N.A.R.)



Principal

A.M.A.&N.C.S.College  
Rajapur,(V.Gothne)Dist.Ratnagiri.

Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts & New Commerce Science College, Rajapur  
Department of Economics  
Short Term Course: - E-Banking  
Board of Studies 2022-23

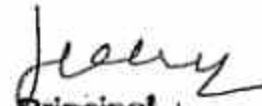
Sr. No.	Name	Designation
1	Dr. G. D. Harale I/c, Principal, AMANCS college, Rajapur	Chairman
2	Miss. Solkar N.A.R. Head, Dept. of Economics, AMANCS college, Rajapur	Member
3	Mr. S. G. Mengal Assistant Professor, ASC college, Mokhada	Subject Expert
4	Dr. S. R. Mestry Associate Professor, AMANCS college, Rajapur Chairman, Short Term Course Committee	Member
5	Mr. Gaurav G. Pawar Assistant Professor, Dept. of Economics	Member
5	Mrs. Gitanjali S. Hake Assistant Professor, Dept. of Economics Co-Ordinator, Short Term Course – E-Banking	Member

**Minutes of the Meeting**

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3. Dr. S.R. Mestry ....
4. Mr. G. G. Pawar ....
5. Mrs. G.S. Hake ....

  
Principal  
A.M.A. & N.C.S. College  
Rajapur, (V. Gothre) Dist. Ratnagiri.



**DEPARTMENT OF ECONOMICS**  
**CERTIFICATE COURSE IN E-BANKING**  
**(SHORT TERM COURSE)**

<b>ELIGIBILITY</b>	: 12 <sup>th</sup> class Pass
<b>INTAKE</b>	: Up to 20 Students (Per Batch)
<b>DURATION OF COURSE</b>	: 2 ½ MONTH
<b>NUMBER OF LECTURE</b>	: 30

**INTRODUCTION:**

This course is designed to equip students with current developments in the banking industry with respect to the application of electronics in banking to promote self-service retail banking. It seeks to cover electronic banking and electronic commerce, the truncation of cheques, interbank clearing system and settlement and many other related issues in electronic banking and commerce.

**AIMS & OBJECTIVES OF THE COURSE:**

1. Provide students with a clear understanding of the concept of electronic banking (E-banking).
2. Equip students with modern and more current developments in the Banking Sector; precisely the application of the internet, computers and other electronically-based gadgets that facilitate the operations and practices of banking, locally and in international transactions.
3. Enable participants to gain insight knowledge into cheque truncation and electronic settlement and clearance system

**SIGNIFICANCE & BENEFITS:**

At the end of the course students will be able:

1. Explain electronic banking and commerce and what goes into electronic banking and commerce
2. Explain the fundamental changes in banking and financial markets as financial institutions and brokers have extended to electronic platform.
3. Apply cash management, decision-making, and controlling techniques in an electronic interface.

**SYLLABUS:**

- Unit -1 Introduction of Indian Banking
- Unit- 2 Commercial Banking
- Unit-3 Introduction to Core Banking
- Unit- 4 Banking Technology



**EVALUATION OF THE COURSE:**

The performance of the learner shall be evaluated as follow:

1. Final Examination of 100 Marks writing based.

Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College  
Rajapur  
Department of Economics

Syllabus of E-Banking Course 2022-23

**Unit I:- INTRODUCTION OF INDIAN BANKING**

Meaning and Definitions of Banking - Evolution of Banking in India - Structure of Indian Banking System in India

**Unit II: - COMMERCIAL BANKING**

Function of Commercial Banking - Primary and Secondary Functions of Bank - General Utility Function

**Unit III: - INTRODUCTION OF CORE BANKING**

Essential Factors of Core Banking- Features of Core Banking- Advantages of Core Banking - Meaning Of E-Banking - Nature of E Banking - E Banking Transactions - Merits Of E-Banking - Demerits of E-Banking

**Unit IV: - BANKING TECHNOLOGY**

Essential of Bank Technology - Payment System And Electronic Banking - Meaning Of ATM - Merits And Demerits Of ATM - Credit Card Meaning, Features Of Credit Card - Merits And Demerits Of Debit Card - Data Communication Network And EFT System - Role Of Technology Up Gradation And Its Impact On Bank - Case Study

  
Course Co-ordinator

  
Head  
Dept. of Economics

  
Principal  
AMAN'S College, Rajapur  
Rajapur, (V. Gothne) Dist. Raichur.



RayatShikshanSanstha's

**ABASAHEB MARATHE ARTS & NEW COMMERCE, SCIENCE COLLEGE, RAJAPUR**

Department of Economics

*Time Table of E-Banking Course 2022-23*

Sr. No.	Day	Name of the Faculty	Time
1	Monday	Ms. Solkar N.A.R.	12:00 - 01:00
2	Tuesday	Ms. Hake G.S.	12:00 - 01:00
3	Wednesday		
4	Thursday	Ms. Hake G.S.	12:00 - 01:00
5	Friday	Mr. Pawar G.G.	12:00 - 01:00
6	Saturday		

*Gaekwad*  
Course Co-ordinator  
(Prof. Hake G.S.)

*Pawar*  
Course Co Co-ordinator  
(Prof. Pawar G.G.)

*Solkar*  
HoD  
(Prof. Solkar N.A.R.)

*Heer*  
Principal  
A.M.A. & N.C.S. College  
Rajapur, (V. Gethne) Dist. Ratnagiri.



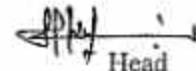


**Rayat Shikshan Sanstha's**  
**Abasaheb Marathe Arts and New Commerce, Science college, Rajapur**  
**Department of Economics**  
**Short Term Course (E Banking) 2022-23**  
**Exam Notice**

Date: - 04/03/2023

All the students of Short-term course (E Banking) class are hereby informed that, the exam of *Short-term course (E banking)* is scheduled on Thursday, 9<sup>th</sup> March 2023 at 12.00 pm at Hall no. 122. All are instructed to attend the same.

  
Course Co-Ordinator

  
Head  
Department of Economics

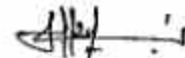


**Rayat Shikshan Sanstha's**  
**Abasaheb Marathe Arts and New Commerce, Science college,**  
**Rajapur**  
**Department of Economics**  
**Short Term Course (E Banking) 2022-23**  
**Exam Result**

Date: -13/03/2023

Sr. No.	Name	Marks Obtained out of 100
1	Jadhav Ranjit Dipak	84
2	Mujawar Trupti Subhash	88
3	Shinde Vivek Laxman	88
4	Zapanekar Shubham Chandrakant	88

  
Course Co-Ordinator

  
Head

Department of Economics





**Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science college, Rajapur  
Department of Economics  
Short Term Course (E Banking)  
Annual Report 2022-23**

Date: - 15/03/2023

In academic year of 2022-23, Department of Economics has conducted short term course on E-Banking. Total 4 students were enrolled for this course. Lectures were taken in offline mode. Final assessment of students was carried out by taking offline exam for which all students were appeared. All students were passed the exam and the passing rate is 100%.

  
Course Co-Ordinator

  
Head

Department of Economics



RayatShikshanSanstha's  
**ABASAHEB MARA THE ARTS & NEW COMMERCE, SCIENCE COLLEGE, RAJAPUR**  
 Department of Economics  
**E-BANKING COURSE 2022-23**  
*Attendance Sheets*

Month: Jan 2023

Sr. No.	Name of the Students	Dates																		
		2	3	4	5	6	7	10	12	13	16	17	19	20	23	24	27	30	31	
1	Zapanekar Shubham Chandrakant	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	Jadhav Ranjit Dipak	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	Mujawar Mohammad.Suheb Subahani	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4	Shinde Vivek Laxman	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

**Gadejoly**  
Course Co-ordinator

(Prof. Hake G.S.)

**Pranav**  
Course/Co Co-ordinator

(Prof. Pawar G.G.)

**Shakti**  
HOD

(Prof. Solkar N.A.R.)

**Hemant**  
I/C Principal  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.

RayatShikshanSanstha's  
**ABASAHEB MARATHI THE ARTS & NEW COMMERCE, SCIENCE COLLEGE, RAJAPUR**  
 Department of Economics  
**E-BANKING COURSE 2022-23**  
 Attendance Sheets

Month : Feb. 2023

Sr. No.	Name of the Students	Dates															
		2	3	6	7	9	10	13	14	16	17	20	21	23	24	27	28
1	Zaparekar Shubham Chandrakant	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	Jadhav Ranyit Dipak	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	Mujawar Mobaromad. Suheb Subahani	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4	Shinde Vivek Laxman	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

**Gadgil**  
 Course Co-ordinator  
 (Prof. Hake G.S.)

**Pawar**  
 Course Co-ordinator  
 (Prof. Pawar G.G.)

**Solkar**  
 HoD  
 (Prof. Solkar N.A.R.)

**Pratap**  
 I/C Principal  
 A.M.A. & N.C.S. College  
 Rajapur, Dist. Ratnagiri.





Rayat Shikshan Sanstha's

Abasaheb Marathe Arts and New Commerce, Science  
College, Rajapur, Dist - Ratnagiri

Department of Chemistry

"Certificate Course

in

Soil and Water Analysis"

2022-2023



Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts & New Commerce, Science College, Rajapur

**DEPARTMENT OF CHEMISTRY**

2022-2023

Notice

DATE: 30/12/2022

All the students of T. Y. B. Sc. (CHEMISTRY) are here by informed that, the  
"Certificate Course in Soil and Water Analysis" held in January-2023 to March-2023 at  
Department of Chemistry. All candidates must be compulsory to admit this course.

**HEAD**

Department of chemistry  
A.M.A & N.C.S.College,Rajapur



Abasaheb Marathe Arts and New Commerce, Science College,

Rajapur, Dist - Ratnagiri.

## Department of Chemistry

"Certificate Course in Soil and Water Analysis"

2022-2023

### Aims and Objectives

- 1) To ensure the quality of water.
- 2) To spread awareness about importance of safe drinking water.
- 3) To spread the effect of drinking of contaminated water on health among the student and society.
- 4) To check the water quality parameters.
- 5) To determine the fertility of soil.
- 6) To provide an index of nutrient availability in a given soil.
- 7) To predict the probability of obtaining the profitable response to fertilizer application.





Rayat Shikshan Sanstha's

Abasaheb Marathe Arts and New Commerce, Science College,

Rajapur, Dist - Ratnagiri.

Department of Chemistry

"Certificate Course in Soil and Water Analysis"

2022-2023

Duration: 3 Months

Fees: Rs. 100 per Students

**Syllabus: (Theory)**

**Lect. 20**

- |  |                               |
|--|-------------------------------|
| i. Introduction.                               | ii. Hardness of Water.        |
| iii. Concept of PH.                            | iv. Concept of POH.           |
| v. Conductivity of Water.                      | vi. Minerals.                 |
| vii. Determinations of Ions-Na, Mg, Ca and Cl. | viii. BOD, COD and DO.        |
| ix. Alkalinity of Water.                       | x. Electrical Cond. of Soil.  |
| xi. Fertility of Soil, Nitrogen Fixation etc.  | xii. Isolated Micro Organism. |

**Syllabus: (Practical)**

**Lect. 20**

- i. Determination of pH of soil by pH Metry.
- ii. To determine electrical conductivity of soil and thereby its total soluble salts.
- iii. Determination of available nitrogen from soil by alkaline permanganate method.
- iv. Determination of calcium carbonate in soil by Rapid titration method.
- v. Determination of pH and electrical conductivity of irrigation water samples.
- vi. Determination of carbonate ( $\text{CO}_3^{2-}$ ), bicarbonate ( $\text{HCO}_3^-$ ) from Irrigation water sample.
- vii. Determination of chloride from Irrigation water sample
- viii. To determine the total hardness of the given water sample.
- ix. To determine of dissolve oxygen of irrigation water by Winkler's Method.
- x. To determine Total Dissolved Solids (TDS) from water samples by evaporation method.



Rayat Shikshan Sanstha's

Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-Ratnagiri

Department of Chemistry

Certificate Course in Soil and Water Analysis 2022-2023

### Syllabus Distribution

- Syllabus: (Theory)** Lect.20
- 1 Dr. Sasane K.A. (Theory)** Lect.10
- Introduction.
- 1) Hardness of Water.
  - 2) Concept of  $P^H$ .
  - 3) Concept of  $P^{OH}$ .
  - 4) Conductivity of Water.
  - 5) Minerals.
- 2. Miss. Kamble S.G (Theory)** Lect. 10
- 1) Determinations of Ions-Na, Mg, Ca and Cl.
  - 2) BOD, COD and DO.
  - 3) Alkalinity of Water.
  - 4) Electrical Conductivity of Soil.
  - 5) Fertility of Soil, Nitrogen Fixation.
  - 6) Isolated Micro Organism.
- Syllabus: Dr. Sasane K.A. / Miss. S.G. Kamble. (Practical)** Lect. 20
- 1) Determination of pH of soil by pH Metry.
  - 2) To determine electrical conductivity of soil and thereby its total soluble salts.
  - 3) Determination of available nitrogen from soil by alkaline permanganate method.
  - 4) Determination of calcium carbonate in soil by Rapid titration method.
  - 5) Determination of pH and electrical conductivity of irrigation water samples.
  - 6) Determination of carbonate ( $CO_3^{2-}$ ), bicarbonate ( $HCO_3^-$ ) from Irrigation water sample.
  - 7) Determination of chloride from Irrigation water sample.
  - 8) To determine the total hardness of the given water sample.
  - 9) To determine of dissolve oxygen of irrigation water by Winkler's Method.
  - 10) To determine Total Dissolved Solids (TDS) from water samples by evaporation method.





Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur

Department of Chemistry

Short Term Course: Soil and Water Analysis

**Board of Studies (2022-2023)**

S. No.	Name of Person	Designation
01	Dr. G. D. Harale (I/C Principal)	Chairman
02	Dr. H. N. Akolkar (Head, Department of Chemistry)	Member
03	Dr. K. A. Sasane (Course coordinator)	Member
04	Miss S.G. Kamble (Expert)	Member
05	Dr. H. N. Akolkar (Chairman, Short Term Course Committee)	Member

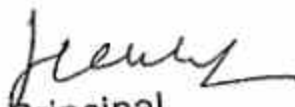
**Minutes of Meeting**

The meeting of Board of Studies for short term course, soil and water analysis was held on 29 December 2022 in Department of Chemistry. The following members were present for the same and above points were discussed.

- Designing of Syllabus for course.
- Course Implementation Period.
- Distribution of theory and practical work.
- Fee structure.

Signatures:

1. Dr. G. D. Harale
2. Dr. H. N. Akolkar
3. Dr. K. A. Sasane
4. Miss S.G. Kamble (Expert)

  
Principal  
A.M.A. & N.C. S. College  
Rajapur, Dist. Raichur.





Rayat Shikshan Sanstha's

Abasaheb Marathe Arts and New Commerce, Science College,  
Rajapur, Dist-Ratnagiri.

Department of Chemistry

Short Term Course: 2022-23

"Certificate Course in Soil and Water Analysis

### Time-Table

Sr No.	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
01	----	----	Theory (SGK/KAS) 3.20 - 4.10 pm	----	----	Theory (KAS/SGK) 01.40 - 2.30 pm Practical's (KAS/SGK) 02.30 - 4.10 pm

Theory:

- 1) Dr. Sasane K.S. (KAS)
- 2) Miss. Kamble S.G. (SGK)

Practicals:

- 1) Dr. Sasane K.S.(KAS)
- 2) Miss. Kamble S.G. (SGK)

Head




Department of Chemistry

Rayat Shikshan Sanstha's  
ABASAHEB MARATHE ART'S & NEW COMMERCE, SCIENCE COLLEGE,  
RAJAPUR, Dist - Ratnagiri  
Department of Chemistry

Certificate Course in 'Soil and Water Analysis '  
2022-23  
Enrollment Of Students

Sr.No.	Roll No.	Name of Students
1	2022TS01	Borkar Sabrina A Rasheed
2	2022TS02	Kamble Aditya Santosh
3	2022TS03	Katkar Shreyash Sudhakar
4	2022TS04	Moharkar Manali Dilip
5	2022TS05	More Reshma Satyavan
6	2022TS06	Pawar Samiksha Sanjay
7	2022TS07	Pilke Rohini Shridhar
8	2022TS08	Sangrar Saba Mubarak
9	2022TS09	Surve Rupali Krushnakant
10	2022TS10	Wadekar Pavan Jayvant

  
HEAD  
Department of Chemistry  
ABASAHEB MARATHE ART'S & NEW COMMERCE, SCIENCE COLLEGE,  
RAJAPUR, Dist - Ratnagiri

Raya Shikshan Sansha's  
 Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist - Ratnagiri  
 Department of Chemistry  
 Short Term Course in Soil and Water Analysis ( Jan 2023 to March 2023, 03 Months)  
 Practical Attendance Sheet 2022-2023

Sr. No.	Roll No.	Name of the Student	Date of Experiments										
			7/1/23	14/1/23	21/1/23	28/1/23	4/2/23	11/2/23	25/2/23	4/3/23	11/3/23	18/3/23	
1	TS-01	Borkar Sabrina A Rasheed	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	TS-02	Kamble Aditya Santosh	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	TS-03	Katkar Shreyash Sudhakar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4	TS-04	Moharkar Manali Dilip	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5	TS-05	More Reshma Satyavan	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6	TS-06	Pawar Samiksha Sanjay	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	TS-07	Pilke Rohini Shridhar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	TS-08	Sangrar Saba Mubarak	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9	TS-09	Surve Rupali Krushnakant	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10	TS-10	Wadekar Pavan Jayvant	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

*[Signature]*  
 HEAD  
 Department of Chemistry  
 A.M.A. & N.C.S. College, Rajapur

Kavyat Shikshan Sanstha's  
 Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist - Ratnagiri  
 Department of Chemistry  
 Short Term Course in Soil and Water Analysis (Jan 2023 to March 2023, 03 Months)  
 Practical Attendance Sheet 2022-2023

No	Roll No.	Name of the Student	Date of Experiments												
			25/01/23												
1	TS-01	Borkar Sabrina A Rasheed													
2	TS-02	Kamble Aditya Santosh													
3	TS-03	Katkar Shreyash Sudhakar													
4	TS-04	Moharkar Manali Dilip													
5	TS-05	More Reshma Satyavan													
6	TS-06	Pawar Samiksha Sanjay													
7	TS-07	Pilke Rohini Shridhar													
8	TS-08	Sangrar Saba Mubarak													
9	TS-09	Surve Rupali Krushnakant													
10	TS-10	Wadekar Pavan Jayvant													

25/01/23  
 25/01/23  
 25/01/23

*(Signature)*  
 HEAD  
 Department of chemistry  
 A.M.A. & N.G.S. College, Rajapur



Rajat Shikshan Sanstha's  
Abasaheb Marathi Arts and New Commerce, Science College, Rajapur, Dist - Ratnagiri  
Department of Chemistry  
Short Term Course in Soil and Water Analysis ( 2022 to . 2023, 03 Months)  
Theory Attendance Sheet 2022-2023

Sr. No.	Roll No.	Name of the Student	Date of Lectures											
			4/1/23	7/1/23	11/1/23	14/1/23	18/1/23	21/1/23	25/1/23	28/1/23	1/2/23	4/2/23		
1	TS-01	Borkar Sabrina A Rasheed	<u>Sabrina</u>	<u>Sabrina</u>	<u>Sabrina</u>	<u>Sabrina</u>	<u>Sabrina</u>	<u>Sabrina</u>	<u>Sabrina</u>	<u>Sabrina</u>	<u>Sabrina</u>	<u>Sabrina</u>	<u>Sabrina</u>	<u>Sabrina</u>
2	TS-02	Kamble Aditya Santosh	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>	<u>Aditya</u>
3	TS-03	Katkar Shreyash Sudhakar	<u>S.S.Katkar</u>	<u>S.S.Katkar</u>	<u>S.S.Katkar</u>	<u>S.S.Katkar</u>	<u>S.S.Katkar</u>	<u>S.S.Katkar</u>	<u>S.S.Katkar</u>	<u>S.S.Katkar</u>	<u>S.S.Katkar</u>	<u>S.S.Katkar</u>	<u>S.S.Katkar</u>	<u>S.S.Katkar</u>
4	TS-04	Moharkar Manali Dilip	<u>Manali</u>	<u>Manali</u>	<u>Manali</u>	<u>Manali</u>	<u>Manali</u>	<u>Manali</u>	<u>Manali</u>	<u>Manali</u>	<u>Manali</u>	<u>Manali</u>	<u>Manali</u>	<u>Manali</u>
5	TS-05	More Reshma Satyavan	<u>Reshma</u>	<u>Reshma</u>	<u>Reshma</u>	<u>Reshma</u>	<u>Reshma</u>	<u>Reshma</u>	<u>Reshma</u>	<u>Reshma</u>	<u>Reshma</u>	<u>Reshma</u>	<u>Reshma</u>	<u>Reshma</u>
6	TS-06	Pawar Samiksha Sanjay	<u>Samiksha</u>	<u>Samiksha</u>	<u>Samiksha</u>	<u>Samiksha</u>	<u>Samiksha</u>	<u>Samiksha</u>	<u>Samiksha</u>	<u>Samiksha</u>	<u>Samiksha</u>	<u>Samiksha</u>	<u>Samiksha</u>	<u>Samiksha</u>
7	TS-07	Pilke Rohini Shridhar	<u>R.S.Pilke</u>	<u>R.S.Pilke</u>	<u>R.S.Pilke</u>	<u>R.S.Pilke</u>	<u>R.S.Pilke</u>	<u>R.S.Pilke</u>	<u>R.S.Pilke</u>	<u>R.S.Pilke</u>	<u>R.S.Pilke</u>	<u>R.S.Pilke</u>	<u>R.S.Pilke</u>	<u>R.S.Pilke</u>
8	TS-08	Sangrar Saba Mubarak	<u>Saba</u>	<u>Saba</u>	<u>Saba</u>	<u>Saba</u>	<u>Saba</u>	<u>Saba</u>	<u>Saba</u>	<u>Saba</u>	<u>Saba</u>	<u>Saba</u>	<u>Saba</u>	<u>Saba</u>
9	TS-09	Surve Rupali Krushnakant	<u>Rupali</u>	<u>Rupali</u>	<u>Rupali</u>	<u>Rupali</u>	<u>Rupali</u>	<u>Rupali</u>	<u>Rupali</u>	<u>Rupali</u>	<u>Rupali</u>	<u>Rupali</u>	<u>Rupali</u>	<u>Rupali</u>
10	TS-10	Wadekar Pavan Jayvant	<u>Pavan</u>	<u>Pavan</u>	<u>Pavan</u>	<u>Pavan</u>	<u>Pavan</u>	<u>Pavan</u>	<u>Pavan</u>	<u>Pavan</u>	<u>Pavan</u>	<u>Pavan</u>	<u>Pavan</u>	<u>Pavan</u>

  
**HEAD**  
Department of chemistry  
A.M.A. & N.C.S. College, Rajapur

Department of Chemistry  
 Short Term Course in Soil and Water Analysis (2022 to . 2023, 03 Months)  
 Theory Attendance Sheet 2022-2023

Sr. No.	Roll No.	Name of the Student	Date of Lectures											
			8/2/23	11/2/23	15/2/23	22/2/23	25/2/23	1/3/23	4/3/23	8/3/23	11/3/23	15/3/23		
1	TS-01	Borkar Sabrins A Rasheed	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	TS-02	Kamble Aditya Santosh	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	TS-03	Katkar Shreyash Sudhakar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4	TS-04	Moharkar Manali Dilip	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5	TS-05	More Reshma Satyavan	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6	TS-06	Pawar Samiksha Sanjiv	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	TS-07	Pilke Rohini Shridhar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	TS-08	Sangrar Saba Mubarak	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9	TS-09	Surve Rupali Krushnakant	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10	TS-10	Wadekar Pavan Jayvant	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

*[Signature]*

HEAD  
 Department of chemistry  
 A.M.A. & H.C.S. College, Rajapur

Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist - Ratnagiri  
Department of Chemistry  
Short Term Course in Soil and Water Analysis ( 2022 to .2023, 03 Months)  
Theory Attendance Sheet 2022-2023

Sr.	Roll No.	Name of the Student	Date of Lectures						
			18/8/23	25/8/23	29/8/23				
1	TS-01	Borkar Sabrina A Rasheed	<i>Borkar</i>	<i>Borkar</i>	<i>Borkar</i>				
2	TS-02	Kamble Aditya Santosh	<i>Kamble</i>	<i>Kamble</i>	<i>Kamble</i>				
3	TS-03	Katkar Shreyash Sudnakar	<i>S.S. Katkar</i>	<i>S.S. Katkar</i>	<i>S.S. Katkar</i>				
4	TS-04	Moharkar Manali Dilip	<i>Manali</i>	<i>Manali</i>	<i>Manali</i>				
5	TS-05	More Reshma Satyavan	<i>More</i>	<i>More</i>	<i>More</i>				
6	TS-06	Pawar Samiksha Sanjay	<i>Pawar</i>	<i>Pawar</i>	<i>Pawar</i>				
7	TS-07	Pilke Rohini Shridhar	<i>R.S. Pilke</i>	<i>R.S. Pilke</i>	<i>R.S. Pilke</i>				
8	TS-08	Sangrar Saba Mubarak	<i>Sangrar</i>	<i>Sangrar</i>	<i>Sangrar</i>				
9	TS-09	Surve Rupali Krushnakant	<i>Surve</i>	<i>Surve</i>	<i>Surve</i>				
10	TS-10	Wadekar Pavan Jayvant	<i>Wadekar</i>	<i>Wadekar</i>	<i>Wadekar</i>				

*(Signature)*  
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Department of Chemistry  
A.R.A. & N.C.S. College, Rajapur

DEPARTMENT OF CHEMISTRY  
SHORT TERM COURSE EXAMINATION (2023)

Class: T.Y.B.Sc

Subject: Soil and Water Analysis

SEM: VI (2023)

Note: (i) answer ANY TEN the questions. (ii) Each question carries TWO marks (20)

1. Define Soil pH.
2. What is soil texture and soil structure?
3. What is C:N ratio of the soil?
4. What are macro nutrients?
5. Write the functions and deficiency symptoms of Nitrogen.
6. Write the functions of Sulphur.
7. What are trace elements?
8. Define critical stages of irrigation.
9. Define Drainage.
10. What is mulching?
11. What are the losses due to soil erosion?

Note: (i) Answer ANY FIVE questions. (ii) Each question carries SIX marks. (30)

1. Explain the effect of soil organic matter on properties of the soil.
2. List the essential elements for plant growth.
3. Explain drip irrigation with a diagram.
4. Explain vermi composting.
5. What are the objectives of irrigation?
6. Give the classification of manures and fertilizers.
7. What are the objectives of drainage?
8. Enlist the problems of dryland agriculture.

  
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Rayat Shikshan Sanstha's  
A BASAHEB MARATHE ART'S & NEW COMMERCE, SCIENCE COLLEGE,  
RAJAPUR, Dist - Ratnagiri  
Department of Chemistry

Certificate Course in 'Soil and Water Analysis'  
2022-23

Exam Marksheet

Sr.No.	Roll No.	Name of Students	Marks (50)
1	2022TS01	Borkar Sabrina A Rasheed	45
2	2022TS02	Kamble Aditya Santosh	40
3	2022TS03	Katkar Shreyash Sudhakar	41
4	2022TS04	Moharkar Manali Dilip	46
5	2022TS05	More Reshma Satyavan	45
6	2022TS06	Pawar Samiksha Sanjay	44
7	2022TS07	Pilke Rohini Shridhar	41
8	2022TS08	Sangrar Saba Mubarak	43
9	2022TS09	Surve Rupali Krushnakant	44
10	2022TS10	Wadekar Pavan Jayvant	42

  
HEAD  
Department of chemistry  
A B A S A H E B M A R A T H E A R T ' S & N E W C O M M E R C E , S C I E N C E C O L L E G E ,  
R A J A P U R , D I S T - R A T N A G I R I



Rayat Shikshan Sanstha's  
ABASAHEB MARATHE ART'S & NEW COMMERCE, SCIENCE COLLEGE,  
RAJAPUR, Dist - Ratnagiri  
Department of Chemistry

Certificate Course in 'Soil and Water Analysis '  
2022-23  
Fees details of the students

Sr.No.	Name of Students	Fees collected	Fee Receipt number
1	Borkar Sabrina A Rasheed	100/-	824
2	Kamble Aditya Santosh	100/-	825
3	Katkar Shreyash Sudhakar	100/	826
4	Moharkar Manali Dilip	100/	827
5	More Reshma Satyavan	100/	828
6	Pawar Samiksha Sanjay	100/	829
7	Pilke Rohini Shridhar	100/	830
8	Sangrar Saba Mubarak	100/	831
9	Surve Rupali Krushnakant	100/	832
10	Wadekar Pavan Jayvant	100/	833
Total fees		1000/-	--

  
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Department of chemistry



Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur,  
Dist - Ratnagiri, 416 702 (MH)

*Affiliated to University of Mumbai, Mumbai*

*Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

Department of Political Science  
CERTIFICATE COURSE IN PANCHAYAT RAJ  
(SHORT TERM COURSE)

ELIGIBILITY	: 12 <sup>th</sup> Class Pass
INTAKE	: 20 Students
DURATION OF COURSE	: 3 MONTH
NUMBER OF LECTURE	: 30

**INTRODUCTION:**

**AIMS & OBJECTIVES OF THE COURSE:**

- 1) Introduced to the subject of Panchayat Raj.
- 2) Move towards an understanding of the nature and extent of Panchayat Raj.
- 3) Understand the meaning of the term Panchayat Raj.
- 4) understand local level of government functioning.
- 5) understand the workings of the panchayat raj and appreciate its importance.

**SIGNIFICANCE & BENEFITS:**

At the end of the course students will be able:

- 1) Explain to basic Panchayat Raj concept
- 2) Explain the Fundamental Changes


**SYLLABUS:**

- Unit - 1 Historical Background of Panchayat Raj
- Unit - 2 Rural Local Self - Government
- Unit - 3 Urban Local Self - Government
- Unit - 4 Constitutional Amendments & Challenges

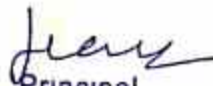
**EVALUATION OF THE COURSE:**

The performance of the learner shall be evaluated as follow:

1. Final Examination 80 Marks writing based & 20 Marks Project

  
Course Coordinator,  
Head, Dept. of Political Science



  
Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.



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Department of Political Science  
Short Term Course (Panchayat Raj)  
Admission details 2022- 2023

Sr. No.	Roll No.	Class	Name of the enrolled students	Sign
1	2022SA02	S.Y.B.A.	Kazi Bushara Hanif	
2	2022TA30	T.Y.B.A.	Jogale Sanket Vijay	
3	2022TA31	T.Y.B.A.	Kamble Anuja Ashok	
4	2022TA33	T.Y.B.A.	Shinde Nitin Navanath	
5	2022TA34	T.Y.B.A.	Thikade Vikas Vitthal	

Course Co-Ordinator,  
Head, Dept. of Political Science

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Department of Political Science  
Short Term Course - Panchayat Raj  
Board of Studies 2022-2023

Sr. No.	Name	Designation
1	Dr. Harale G. D. I/C Principal, AMA & NCS College, Rajapur	Chairman
2	Dr. Bhawe A. V. (IQAC Chairman)	IQAC
3	Dr. Mestri S. R. Head, Dept. of Marathi Chairman, Short Term Course Committee	Member
4	Mr. Nhavelkar S. T. Assistant Professor, Head, Dept. of Political Science Coordinator, Panchayat Raj Short Term Course	Member

**Minutes of the Meeting**

The meeting of Board of Studies of the Short-term Course of 'Panchayat Raj' was Held on 04/07/2022 at 12.00 pm in the Principal's cabin. The above mentioned members were present for the meeting.

Following points were discussed in this meeting

1. Syllabus Formation of Human Rights Short Term Course
2. Workload distribution.
3. Schedule of the course.
4. Fee Structure.
5. Encouragement to the students for the enrolment.

1. Dr. Bhawe A. V.

2. Dr. Mestri S. R.

3. Mr. Nhavelkar S. T.



Principal  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.





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Department of Political Science  
Short Term Course in ***Panchayat Raj***  
2022-2023


## Admission Notice

Date: 05 July 2022

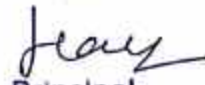
All students of college are here by informed that, admission process for short term course 'Panchayat Raj' will be start on 05/07/2022 to 09/07/2022. The commencement of lectures will be from 11 July 2022. Those students who are interested to enrolled for this short-term course are informed to contact Mr. Nhavekar S. T., Assistant Professor, Department of Political Science. Details of short-term course and required Documents are given below:-

Duration of Course: - 3 Months

Required: - 1 Passport size photo (to be attested on admission form)

  
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Head, Dept. of Political Science



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Rajapur, Dist. Ratnagiri.







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DEPARTMENT OF POLITICAL SCIENCE  
SHORT-TERM COURSE IN PANCHAYAT RAJ 2022-2023

**SYLLABUS**

Sr. No.	UNITS	No of Periods (30)
1.	<b>Historical Background of Panchayat Raj</b>	
	a) Panchayat Raj : Introduction	02
	b) Panchayat Raj : Central Committee	03
	c) Panchayat Raj : State Committee (Maharashtra)	03
2.	<b>Rural Local Self-Government</b>	
	a) Gram Panchayat	03
	b) Panchayat Samiti	02
	c) Zilha Parishad	02
3.	<b>Urban Local Self-Government</b>	
	a) Nagar Panchayat	02
	b) Municipal Council	02
	c) Municipal Corporation	03
4.	<b>Constitutional Amendments &amp; Challenges</b>	
	a) Article 40 (Part IV – Directive Principles of State Policy)	02
	b) 73 <sup>rd</sup> Constitutional Amendments Importance and Features	02
	c) 74 <sup>th</sup> Constitutional Amendments Importance and Features	02
	d) Challenges before Local self-Government	02

  
Course Coordinator,  
Head, Dept. of Political Science



  
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DEPARTMENT OF POLITICAL SCIENCE

Short-Term Course 2022-2023

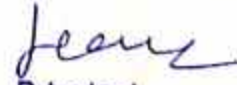
Panchayat Raj

संदर्भ ग्रंथसूची :

1. खांदवे एकनाथ, महाराष्ट्राचे शासन आणि राजकारण, आरती प्रकाशन, कर्जत, जि. अहमदनगर, १९९९.
2. बलवंतराय मेहता समिती अहवाल
3. भालबा विभूते, पंचायत व्यवस्था, मनोविकास प्रकाशन, मुंबई.
4. व्ही. पी. नाईक समिती अहवाल
5. सौदागर जाधव, जनसंपर्क आणि स्थानीय स्वराज्य संस्था, प्रकाशन महासंचालक, मुंबई, २००१.
6. महाराष्ट्र जिल्हा परिषद व पंचायत समिती अधिनियम १९६१, शासकीय मध्यवर्ती मुद्रणालय, मुंबई, २००१.
7. दर्शनकार अर्जुनराव, पंचायतराज व नागरी प्रशासन, कैलाश पब्लिकेशन, औरंगपुरा, औरंगाबाद, जून १९९९.
8. शांताराम भोगले, भारतातील स्थानिक शासन, विद्या प्रकाशन, नागपूर- २, जानेवारी १९९७.
9. प्रा. अशोक जैन, महाराष्ट्राचे शासन आणि राजकारण, सैठ प्रकाशन, मुंबई, १९९८.
10. विलास बी. पाटील, महाराष्ट्राचे शासन आणि राजकारण
11. प्रा. वसंत यलमाड, स्थानिक स्वराज्य संस्था, कल्पना प्रकाशन, नांदेड, १९९९.
12. प्रा. डॉ. रमेश एबेळीकर, भारतीय स्थानिक स्वराज्य संस्था, विद्या बुक्स पब्लिशर्स औरंगाबाद, १९९९.
13. Maheshwari S. R. Local Government in India, 2004.
14. Gadkari S. S. Organization of the State Government in Maharashtra, 1961.
15. Government of Maharashtra - Maharashtra Zilla Parishad and Panchayats Act, 1961.
16. र. घ. वराडकर, महाराष्ट्राचे शासन आणि राजकारण, निराली प्रकाशन, पुणे, 2008.

  
Course Coordinator,  
Head, Dept. of Political Science



  
Principal  
A.M.A. & N.C.S. College  
Rajapur Dist. Ratnagiri



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Department of Political Science  
Short-Term Course 2022-2023  
Certificate Course in **Panchayat Raj**

Time Table

Sr. No.	Name of the Teacher	Months	Days	Time	Sign.
01	Mr. Nhavelkar S. T.	July, August, September.	Monday	12:50 pm To 01:40 pm	
			Thursday	12:50 pm To 01:40 pm	
			Friday	12:50 pm To 01:40 pm	

Period

Theory: 30  
Total Periods: 30

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Department of Political Science  
Short-Term Course 2022-2023  
Certificate Course in Panchayat Raj

### Syllabus Distribution

Sr. No.	Teacher Name	Units No.	Topic	Period (30)	Sign.
1.	Mr. Nhavelkar S. T.	1	Historical Background of Panchayat Raj	08	
		2	Rural Local Self-Government	07	
		3	Urban Local Self-Government	07	
		4	Constitutional Amendments & Challenges	08	
2.	Mr. Nhavelkar S. T.	Project Work			

Course Coordinator,  
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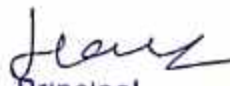
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Department of Political Science  
Short-Term Course: - (Panchayat Raj)  
Attendance Record 2022-2023

Sr. No.	Roll No.	Name of Students	Date: 11/07/2022	14/07/2022	15/07/2022	18/07/2022
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	2022SA02	Kazi Bushara Hanif	@tkani	@tkani	@tkani	@tkani
2	2022TA30	Jogale Sanket Vijay	S.V. Jogale	S.V. Jogale	S.V. Jogale	S.V. Jogale
3	2022TA31	Kamble Anuja Ashok	AAK	AAK	AAK	AAK
4	2022TA33	Shinde Nitin Navanath	Shinde	Shinde	Shinde	Shinde
5	2022TA34	Thikade Vikas Vitthal	Vikas	Vikas	Vikas	Vikas
			Date: 21/07/2022	22/07/2022	25/07/2022	28/07/2022
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	2022SA02	Kazi Bushara Hanif	@tkani	@tkani	@tkani	@tkani
2	2022TA30	Jogale Sanket Vijay	S.V. Jogale	S.V. Jogale	S.V. Jogale	S.V. Jogale
3	2022TA31	Kamble Anuja Ashok	AAK	AAK	AAK	AAK
4	2022TA33	Shinde Nitin Navanath	Shinde	Shinde	Shinde	Shinde
5	2022TA34	Thikade Vikas Vitthal	Vikas	Vikas	Vikas	Vikas
			Date: 29/07/2022	01/08/2022	04/08/2022	05/08/2022
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	2022SA02	Kazi Bushara Hanif	@tkani	@tkani	@tkani	@tkani
2	2022TA30	Jogale Sanket Vijay	S.V. Jogale	S.V. Jogale	S.V. Jogale	S.V. Jogale
3	2022TA31	Kamble Anuja Ashok	AAK	AAK	AAK	AAK
4	2022TA33	Shinde Nitin Navanath	Shinde	Shinde	Shinde	Shinde
5	2022TA34	Thikade Vikas Vitthal	Vikas	Vikas	Vikas	Vikas

  
Course Coordinator,  
Head, Dept. of Political Science



  
Principal  
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Rajapur, Dist. Ratnagiri.





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Dist - Ratnagiri, 416 702 (MH)

Affiliated to University of Mumbai, Mumbai

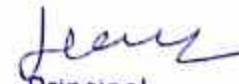
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Department of Political Science  
Short-Term Course: - (Panchayat Raj)  
Attendance Record 2022-2023

Sr. No.	Roll No.	Name of Students	Date: 08/08/2022	11/08/2022	12/08/2022	17/08/2022
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	2022SA02	Kazi Bushara Hanif	@tkeni	@tkeni	@tkeni	@tkeni
2	2022TA30	Jogale Sanket Vijay	S.v. jogale	S.v. jogale	S.v. jogale	S.v. jogale
3	2022TA31	Kamble Anuja Ashok	AAK	AAK	AAK	AAK
4	2022TA33	Shinde Nitin Navanath	Shinde	Shinde	Shinde	Shinde
5	2022TA34	Thikade Vikas Vitthal	Vikas	Vikas	Vikas	Vikas
			Date: 18/08/2022	19/08/2022	22/08/2022	25/08/2022
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	2022SA02	Kazi Bushara Hanif	@tkeni	@tkeni	@tkeni	@tkeni
2	2022TA30	Jogale Sanket Vijay	S.v. jogale	S.v. jogale	S.v. jogale	S.v. jogale
3	2022TA31	Kamble Anuja Ashok	AAK	AAK	AAK	AAK
4	2022TA33	Shinde Nitin Navanath	Shinde	Shinde	Shinde	Shinde
5	2022TA34	Thikade Vikas Vitthal	Vikas	Vikas	Vikas	Vikas
			Date: 26/08/2022	05/09/2022	08/09/2022	09/09/2022
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	2022SA02	Kazi Bushara Hanif	@tkeni	@tkeni	@tkeni	@tkeni
2	2022TA30	Jogale Sanket Vijay	S.v. jogale	S.v. jogale	S.v. jogale	S.v. jogale
3	2022TA31	Kamble Anuja Ashok	AAK	AAK	AAK	AAK
4	2022TA33	Shinde Nitin Navanath	Shinde	Shinde	Shinde	Shinde
5	2022TA34	Thikade Vikas Vitthal	Vikas	Vikas	Vikas	Vikas

  
Course Coordinator,  
Head, Dept. of Political Science



  
Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri



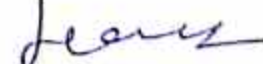
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Department of Political Science  
Short-Term Course: - (Panchayat Raj)  
Attendance Record 2022-2023

Sr. No.	Roll No.	Name of Students	Date: 12/09/2022	15/09/2022	16/09/2022	19/09/2022
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	2022SA02	Kazi Bushara Hanif	@tkani	@tkani	@tkani	@tkani
2	2022TA30	Jogale Sanket Vijay	S.V.Jogale	S.V.Jogale	S.V.Jogale	S.V.Jogale
3	2022TA31	Kamble Anuja Ashok	AAK	AAK	AAK	AAK
4	2022TA33	Shinde Nitin Navanath	shinde	shinde	shinde	shinde
5	2022TA34	Thikade Vikas Vitthal	Vikas	Vikas	Vikas	Vikas
			Date: 22/09/2022	23/09/2022	26/09/2022	29/09/2022
			Time: 12.50 To 01.40	12.50 To 01.40	12.50 To 01.40	12.50 To 01.40
1	2022SA02	Kazi Bushara Hanif	@tkani	@tkani	@tkani	@tkani
2	2022TA30	Jogale Sanket Vijay	S.V.Jogale	S.V.Jogale	S.V.Jogale	S.V.Jogale
3	2022TA31	Kamble Anuja Ashok	AAK	AAK	AAK	AAK
4	2022TA33	Shinde Nitin Navanath	shinde	shinde	shinde	shinde
5	2022TA34	Thikade Vikas Vitthal	Vikas	Vikas	Vikas	Vikas

  
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Head, Dept. of Political Science

  
Principal  
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Department of Political Science  
Short Term Course 2022-2023  
Certificate Course in **Panchayat Raj**

**Exam Notice**

Date: - 01/10/2022

All the students of Short-term course (Panchayat Raj) class are here by informed that, the **exam of Short-term course (Panchayat Raj)** is scheduled on 04/10/2022. Students should be present for the above exam at 10.30 am. The exam will be held in the Political Science Department. All are instructed to attend the same.

Course Co-Ordinator,  
Head, Dept. of Political Science

Principal  
A. M. A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.







रयत शिक्षण संस्थेचे,  
आबासाहेब मराठे आर्ट्स अँड न्यू कॉमर्स, सायन्स कॉलेज, राजापूर  
राज्यशास्त्र विभाग  
शॉर्ट टर्म कोर्स अंतर्गत परीक्षा  
शैक्षणिक वर्ष २०२२ - २०२३

विषय : पंचायत राज

दिनांक : ०४/१०/२०२२

वेळ : ०३ तास

गुण : ८०

Please check whether you have got the right question paper.

- सूचना: १. सर्व प्रश्न सोडविणे अनिवार्य आहेत.  
२. सर्व प्रश्नांना समान गुण आहेत.  
३. उजवीकडील अंक गुण दर्शवितात.

प्र.१ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.

- अ) पंचायत राज व्यवस्थेची ऐतिहासिक पार्श्वभूमीविषयी थोडक्यात लिहा. १०  
ब) स्थानिक स्वराज्य संस्था स्थापनेतील केंद्रीय समित्यांची माहिती द्या. १०  
क) महाराष्ट्रातील स्थानिक स्वराज्य संस्थेविषयी थोडक्यात लिहा. १०

प्र.२ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.

- अ) महाराष्ट्रातील ग्रामपंचायत रचना, अधिकार व कार्य स्पष्ट करा. १०  
ब) तालुका पंचायतीच्या समित्या सांगून अधिकार कार्याची चर्चा करा. १०  
क) महाराष्ट्रातील जिल्हा परिषदेची रचना, अधिकार व कार्य स्पष्ट करा. १०

प्र.३ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.

- अ) महानगरपालिकेची कार्ये सांगा. १०  
ब) महाराष्ट्रातील नगर परिषदेची रचना, पात्रता व कार्य सांगा. १०  
क) महानगरपालिकेची रचना व सभासदांची पात्रता सांगा. १०

प्र.४ खालीलपैकी कोणतेही दोन प्रश्न सोडवा.

- अ) ७३ व्या घटनादुरुस्तीची चर्चा करा. १०  
ब) ७४ व्या घटनादुरुस्तीचे महत्त्व व वैशिष्ट्ये विशद करा. १०  
क) स्थानिक स्वराज्य संस्थांसमोरील आव्हाने स्पष्ट करा. १०

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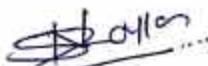
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Department of Political Science  
Short Term Course 2022-2023  
Certificate Course in Panchayat Raj

### EXAMINATION MARKLIST

Date: 06/10/2022

Sr. No.	Roll No.	Class	Name of Students	Exam Marks (80)	Project (20)	Total (100)	Grade
1	2022SA02	T.Y.B.A.	Kazi Bushara Hanif	63	18	81	O
2	2022TA30	T.Y.B.A.	Jogale Sanket Vijay	55	17	72	A
3	2022TA31	T.Y.B.A.	Kamble Anuja Ashok	52	14	66	A
4	2022TA33	T.Y.B.A.	Shinde Nitin Navanath	53	15	68	A
5	2022TA34	T.Y.B.A.	Thikade Vikas Vitthal	56	17	73	A

  
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Department of Political Science  
Short-Term Course 2022-2023  
Certificate Course in Panchayat Raj  
Project Topics & Mark Sheet

Sr. No.	Roll No	Name of the Students	Topics	Marks (20)	Sign
1	2022SA02	Kazi Bushara Hanif	Panchayat Raj Institutions in Maharashtra	18	@Kazi
2	2022TA30	Jogale Sanket Vijay	Challenges and Problems Facing Local Self-Government Bodies	17	S.V.Jogale
3	2022TA31	Kamble Anuja Ashok	Identification of Local Self-Government	14	AAK
4	2022TA33	Shinde Nitin Navanath	Schemes of Various Departments of Zilla Parishad	15	Shinde
5	2022TA34	Thikade Vikas Vitthal	Various Public Welfare Schemes of Government of Maharashtra	17	VTK

  
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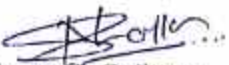
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Department of Political Science  
Short Term Course 2022-2023  
Certificate Course in *Panchayat Raj*

### Annual Report

Date: - 08/10/2022

In academic year of 2022-2023, Department of Political Science has conducted short term course on Panchayat Raj. Total 05 students were enrolled for this course. Lectures has been taken with offline mode. Final assessment of students was carried out by taking offline exam mode of the students who were present. All students were passed the exam and the passing rate is 100%.

  
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Course Code: CPR101


Certificate Course Name: Panchayat Raj

Course Information

(2022-2023)

Date: 30 September, 2022

Sr. No.	Certificate Course Name	Course Code	Year of Offering	Number of times offered during the year	Duration of Course	Number of students enrolled in year	Number of students completed the course in the year
1	Panchayat Raj	CPR101	2022-2023	1	30 Hourse (11/07/2022 to 29/09/2022)	05	05

  
Course Co-Ordinator,  
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Department of Political Science  
Short Term Course (Panchayat Raj)  
Admission details 2022- 2023

Sr. No.	Name	Duration	Eligibility	Coordinator	Fee	Intake	Opportunities/ Job
1.	Certificate Courses in Panchayat Raj	03 Months	12 <sup>th</sup> Pass	Mr. Nhavekar S. T.	--	20	Panchayat Raj Department, Rural Development

  
राज्यराज्य विभाग

  
Principal  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.







"Education through self-help is our motto"- Karmaveer  
Rayat Shikshan Sanstha's



Abasaheb Marathe Arts and New Commerce, Science College, Rajapur  
Vikhare-Gothane, Tal-Rajapur, Dist-Ratnagiri. Pin-416702.



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**Department of Political Science**  
**Certificate Course in Panchayat Raj**  
(2022-2023)



*This is to certify that Mr. Jogale Sanket Vijay (T.Y.B.A.) of Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has successfully completed the 30 hours Certificate Course in Panchayat Raj organised by the Department of Political Science from 11 July to 29 September, 2022.*

Date- 03/10/2022  
Place- Rajapur

Course Coordinator  
Head Dept. of Political Science



Dr. Harale G. D.  
I/C Principal





## CERTIFICATE COURSE IN VEDIC MATHEMATICS

(2022-23)

Department of Mathematics

Abasaheb Marathe Arts and New Commerce, Science College

Rajapur.

Tal: Rajapur, Dist: Ratnagiri. Pin: 416702



### 1. Aims and Objectives of the Course:

1. To generate awareness among the younger generations about contributions of Great Indian Mathematicians in the various fields of Mathematics.
2. To promote Vedic mathematics study and research in India and abroad among professionals amateurs.
3. To bring forward the extraordinary work done by Indian Mathematicians in the field such as Astronomy, Astrology, Geometry, Algebra and Arithmetic etc.
4. To help the existing education system become in tune with the value of Vedic knowledge and acknowledge the contribution of Indian mathematicians.

### 2. Fee Structure:

Sub fee head (for boys and girls both)

Tuition fee Free

Admission fee Free

Programme of Study	Programme Duration	Students in take	Fee in Rs.
Certificate Course in Vedic Mathematics	3 Months	150	Free

### 3. Duration of Course:

We are offering Certificate Course in Vedic Mathematics. The duration of this course is of 3 months.

### 4. Eligibility Conditions for Admission:

Students completed H.S.C.(10+2) from any stream Arts, Commerce and Science are eligible to take admission to Certificate Course in Vedic Mathematics.

### 5. Selection Criteria for Admission:

The candidates desirous to seek admission to Certificate Course in shall be admitted on the basis of merit drawn on the basis of percentage marks in 12<sup>th</sup> standard.

### 6. Certificate Course in Vedic Mathematics

#### Scheme of Examination

Course Code	Name of the Course	Teaching Hours per week	Examination Scheme		Total Marks
			Internal Assessment	End Term Theory Exam	
CVM101	Vedic Mathematics	3	20	80	100



  
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Rajapur, Dist. Ratnagiri.



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**Syllabus**  
**(2022-2023)**

**Course Code: CVM101**

**Course Name: Vedic Mathematics**

Maximum Mark:100

Internal Examination: 20

External Examination: 80

Max. Time: 3Hrs

**Note:** There shall be nine questions in all. Question No.1 is compulsory consisting of eight short answer type questions covering the entire syllabus. Two questions will be asked from each unit. Students will have to attempt one question from each unit. Each question shall carry equal marks.

**Course Objectives:**

The main objectives of the course are:

1. To understand the concept multiplication of two or three digits numbers.
2. To comprehend the easy steps of division by two and three digit divisors.
3. To check the divisibility by two or three digit numbers without actual division.
4. To distinguish between squaring numbers ending in 5 and numbers near 50.
5. To apply reverse squaring to find square roots of numbers.
6. To identify cube and cube roots.
7. To acknowledge the contributions of Indian Mathematicians in Vedic Arithmetic.

**UNIT-I**

**Multiplication**

- i) Ekadhikenpurven method (multiplication of two numbers of two digits)
- ii) Eknunenpurven method (multiplication of two numbers of three digits)
- iii) Urdhavatriagbhyam method (multiplication of two numbers of three digits)
- iv) Nikhilam Navtashcharamam Dashtaha (multiplication of two numbers of three digits)
- v) Combined Operations



## UNIT-II

### Division

- i) Nikhilam Navtashcharamam Dasthaha (two digit divisor)
- ii) Paravartya Yojyet method (three digits divisor)

### Divisibility

- i) Ekadhikenpurven method (two digits divisor)
- ii) Eknunenpurven method (three digits divisor)

## UNIT-III

LCM and HCF, Power and Root LCM and HCF

**Power (i)** square (two digit numbers) **(ii)** Cube (two digit numbers).

**Root (i)** square root (four digit numbers) **(ii)** cube root (six digit numbers)

## UNIT-IV

### Contributions of Indian Mathematician (in light of arithmetic)

- i) Aryabhatt
- ii) Brahamgupta
- iii) Mahaveeracharya
- iv) Bharti KrishanTritha

### Course Outcomes:

At the end of the course the students will be able to:

1. Multiply two or three digits numbers.
2. Compute the division by two and three digit divisors.
3. Check the divisibility by two or three digit numbers without actual division.
4. Evaluate square, cubes, square roots and cube roots of larger numbers within no time.

### Suggested Readings:

1. Vedic Mathematics, MotilalBanarsi Das, New Delhi.
2. Vedic Ganita: Vihangam Drishti –I, Siksha Sanskriti Uthana Nyasa, New Delhi.
3. Vedic Ganita Praneta, Siksha Uthana Nyasa, New Delhi.
4. Vedic Mathematics: Past, Present and Future, Siksha Sanskriti Uthana Nyasa, New Delhi.
5. Leelavati, Chokhanbba Vidya Bhavan, Varanasi.
6. Bharatiya Mathematicians, Sharda Sanskrit Sansthan, Varanasi.



*Handwritten signature*  
Principal  
A. M. A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.



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**Certificate Course Code: CVM101**

**Certificate Course Name: Vedic Mathematics**

**Board of Studies (2022-2023)**

Sr. No.	Name of Person	Designation
1	Dr. G. D. Harale (Principal)	Chairman
2	Dr. S. R. Mestry (Chairman, Short Term Course Committee)	Member
3	Dr. A. V. Bhave (IQAC Coordinator)	Member
4	Mr. G. R. Karade (Head, Department of Mathematics and course coordinator)	Member
5	Mr. Kamble S. M. (Expert)	Member

**Minutes of Meeting**

The meeting of Board of Studies (BOS) for **Certificate Course in Vedic Mathematics** was held on Thursday, 1<sup>st</sup> December, 2022 in the Principal cabin. The following members were present for the meeting and points discussed in this meeting are given below.

1. Design of Syllabus framework.
2. Course implementation period.
3. Distribution of theory and practical work.
4. Fee structure.

Sr. No.	Name of Person	BOS Member Sign
1	Dr. S. R. Mestry (Chairman, Short Term Course Committee)	
2	Dr. A. V. Bhave (IQAC Coordinator)	
3	Mr. G. R. Karade (Head, Department of Mathematics and course coordinator)	
4	Mr. Kamble S. M. (Expert)	



**Principal**  
A. M. A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.





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**Course Code: CVM101**

**Certificate Course Name: Vedic Mathematics**

**Lecture Time Table**

**(2022-2023)**

**(With Effect from 1<sup>st</sup> January, 2023 to 30<sup>th</sup> March, 2023)**

Period No.	Time	Wednesday	Friday	Saturday
1	12:00 pm to 12:50 pm	CVM Lecture	CVM Lecture	CVM Lecture

*Karade*

(Course Coordinator.)



*Jais*

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**Course Code: CVM101**  
**Certificate Course Name: Vedic Mathematics**  
**Exam Time Table**  
**(2022-2023)**

Day and Date	Time	Paper Name
1 <sup>st</sup> April 2023 Saturday	12:00 pm to 1:00 pm	CVM Internal Exam
3 <sup>rd</sup> April 2023	12:00 pm to 3:00 pm	CVM Theory Exam

  
Course Coordinator  
(Mr. Karade G. R.)



  
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**Course Code: CVM101**  
**Certificate Course Name: Vedic Mathematics**  
**Student Mark List**  
**(2022-2023)**

Sr. No.	Roll Number	Name of Student	Internal Exam Mark (out of 20)	Final Exam Mark (out of 80)	Total Marks (Out of 100)
1	2022FC01	Agre Lalit Sunil	18	62	80
2	2022FC02	Amare Riddhi Manohar	19	76	95
3	2022FC03	Amberkar Durgesh Shrikrishna	19	71	90
4	2022FC04	Amrute Shubham Chandrakant	14	65	79
5	2022FC05	Arekar Manish Santosh	20	78	98
6	2022FC06	Arekar Soham Dipak	17	76	93
7	2022FC07	Badadale Rohit Vaibhav	18	67	85
8	2022FC08	Bait Dhanashri Suresh	20	63	83
9	2022FC09	Bane Aishwarya Chandrakant	20	70	90
10	2022FC10	Bane Hardik Vijay	19	77	96
11	2022FC11	Bane Paras Pralhad	15	67	82
12	2022FC12	Baraskar Aishwarya Yashvant	17	69	86
13	2022FC13	Bavkar Ankita Vijay	20	68	88
14	2022FC14	Bedekar Vinit Vinayak	18	72	90
15	2022FC15	Bhivande Amol Dilip Dipika	16	63	79
16	2022FC16	Bhivande Yamini Sandeep	19	80	99
17	2022FC17	Bhosale Pranjal Jitendra	13	62	75
18	2022FC18	Bhovad Viraj Vijay	20	73	93
19	2022FC19	Botale Girish Durvas	13	75	88



20	2022FC20	Chalke Anisha Anil	11	64	75
21	2022FC21	Chapade Piyush Ashok Amisha	20	76	96
22	2022FC22	Chavan Kalpesh Kishor	13	70	83
23	2022FC23	Chipte Vaibhavi Vijay	16	78	94
24	2022FC24	Chorage Pranay Pradip	17	70	87
25	2022FC25	Dalvi Dhananjay Madhukar	14	68	82
26	2022FC26	Deo Tanaya Vedbhushan	13	80	93
27	2022FC27	Dhanawade Ajinkya Murlidhar Madhuri	17	68	85
28	2022FC28	Dhangat Karishma Keshav	12	72	84
29	2022FC29	Dhangat Kaushal Keshav	14	67	81
30	2022FC30	Dhopate Jayesh Ramesh	14	73	87
31	2022FC31	Dhumale Laki Vilas	14	69	83
32	2022FC32	Dudhwadkar Nikita Naresh	14	71	85
33	2022FC33	Garade Diksha Janardan	15	64	79
34	2022FC34	Garate Rushikesh Sanjay	14	72	86
35	2022FC35	Ghadi Akash Anant	16	74	90
36	2022FC36	Gondal Kunal Sunil Sunita	17	61	78
37	2022FC37	Gondal Vaishali Santosh Sanjana	19	69	88
38	2022FC38	Govlkar Omkar Keshav	15	73	88
39	2022FC39	GuravJanhaviPrabhakar	19	78	97
40	2022FC40	Gurav Saurabh Sachin	13	72	85
41	2022FC41	Gurav Yuvraj Rohidas	20	79	99
42	2022FC42	Harekar Sijal Ramesh Reshma	13	72	85
43	2022FC43	Jadyar Samita shamu	20	62	82
44	2022FC44	Joshi Ragini Purshuram	14	64	78
45	2022FC45	Kadam Nikhil Balkrushna	17	76	93





46	2022FC46	Kadam Ritesh Rajendra Rutuja	15	72	87
47	2022FC47	Kadam Viraj Sambhaji	16	76	92
48	2022FC48	Kambali Deepankar Digambar	14	65	79
49	2022FC49	Kaneri Omkar Mukund	20	75	95
50	2022FC50	Kaneri Vijay Anant	16	79	95
51	2022FC51	Kanjar Pritam Ashok	13	76	89
52	2022FC52	Karanje Kirti Suchendra	19	62	81
53	2022FC53	Karanje Pranav Suchendra	19	76	95
54	2022FC54	Karshingkar Tanuja Vikas Vilasini	13	77	90
55	2022FC55	Karshingkar Chiranjeev Ramakant	12	76	88
56	2022FC56	Karshingkar Nikhil Shashikant	19	79	98
57	2022FC57	Karshingkar Siddhi Vishwanath	15	66	81
58	2022FC58	Katkar Gauresh Prakash	15	65	80
59	2022FC59	Kavale Easha Raghunath	17	72	89
60	2022FC60	Kaviskar Pragati Nandkumar	20	76	96
61	2022FC61	Kazi Ismail Ibrahim	13	66	79
62	2022FC62	Khadape Suraj Sudhir	19	62	81
63	2022FC63	Khanvilkar YashJanardan Jyoti	16	67	83
64	2022FC64	Kuvare AmeyJayavant Tejashri	11	72	83
64	2022FC65	Lingayat Sail Santosh Sarika	17	66	83
66	2022FC66	Manchekar Mayuresh Prakash	20	72	92
67	2022FC67	Mandavkar Aarya Suresh	11	77	88
68	2022FC68	Mandavkar Mrunmayi Ashok	16	74	90
69	2022FC69	Mandavkar Omkar Vishwanath	14	78	92
70	2022FC70	Manjalkar Sevendra Dhondu Darshana	17	61	78
71	2022FC71	Masaye Parth Prakash Prajakta	14	70	84





72	2022FC72	Mayekar Amisha Mangesh	15	61	76
73	2022FC73	Mayekar Mayur Suresh	19	69	88
74	2022FC74	Mayekar Nikhil Lilakant	15	79	94
75	2022FC75	Mayekar Siddhi Santosh	13	71	84
76	2022FC76	Mestri Amisha Anant	20	79	99
77	2022FC77	Mhadagut Siddhesh Dipak Divya	18	73	91
78	2022FC78	Mithavkar Diptesh Dipak	17	63	80
79	2022FC79	More Vighnesh Vinayak Vidya	14	76	90
80	2022FC80	Mumbarkar Shital Vijay	13	80	93
81	2022FC81	Nagarekar Prajakta Sitaram	19	70	89
82	2022FC82	Naik Saniya Javed	18	64	82
83	2022FC83	Nalavade Apurva Deepak	12	76	88
84	2022FC84	Padave Vaishnavi Suryakant Suvarna	20	66	86
85	2022FC85	Padwal Abhishek Baliram	20	76	96
86	2022FC86	Padwal Prachi Yogesh	17	64	81
87	2022FC87	Parkar Atharv Mangesh	11	78	89
88	2022FC88	Patale Amisha Santosh	14	79	93
89	2022FC89	Patale Prajyot Ramesh	12	71	83
90	2022FC90	PataleYashRavikantRohini	16	64	80
91	2022FC91	PatkareRohitPrakashRoshani	14	72	86
92	2022FC92	Pawar Manthan Sudhir	19	68	87
93	2022FC93	Pitalekar Aniket Vilas	14	71	85
94	2022FC94	Pitalekar Yuvraj Ashok	16	69	85
95	2022FC95	Pujare Dikshita Dinesh	11	62	73
96	2022FC96	Pujari Avadhut Anant	15	72	87
97	2022FC97	Pujari Disha Vijay	19	77	96
98	2022FC98	Rane Komal Sandip	15	63	78



99	2022FC99	Raut Manasi Devanand	11	70	81
100	2022FC100	Raut Nikhil Madhukar Alka	19	76	95
101	2022FC101	Raut Samiksha Santosh Rupali	16	78	94
102	2022FC102	Raut Sanika Digambar	17	67	84
103	2022FC103	Raut Vishal Dattaram	19	74	93
104	2022FC104	Sakpal Shreyas Santosh	12	62	74
105	2022FC105	Salunkhe Shubham Santosh	11	69	80
106	2022FC106	Satope Kadambari Bhaskar	16	63	79
107	2022FC107	Saundalkar Komal Shridhar	14	75	89
108	2022FC108	Shinde Ketan Dattaram Darshana	19	68	87
109	2022FC109	Shinde Pranay Vijay Rajshri	18	72	90
110	2022FC110	Shinde Rasika Ravindra	20	66	86
111	2022FC111	Shinde Tanvi Bhimrao Sangita	12	69	81
112	2022FC112	Shirawadkar Piyush Santosh	20	64	84
113	2022FC113	Sogam Akanksha Lavu	17	73	90
114	2022FC114	Solkar Alfiya Mehboob Mubina	12	61	73
115	2022FC115	Solkar Khatun Manzoor	11	73	84
116	2022FC116	Soundalkar Pallavi Shivaji	19	69	88
117	2022FC117	Tambe Ajay Dattaram	18	75	93
118	2022FC118	Tambe Gitanjali Subhash	15	76	91
119	2022FC119	Tervankar Gauri Vijay	18	71	89
120	2022FC120	Tevar Gayatri Kasimayan Kudiyaamal	12	74	86
121	2022FC121	Tukarul Diksha Namdev	20	77	97
122	2022FC122	Tukarul Siddhi Chandrakant	13	69	82
123	2022FC123	Ugale Ritesh Rajaram Anjali	11	68	79
124	2022FC124	Upalkar Sanika Pramod	19	77	96
125	2022FC125	Vaidya Pranjali Anant	11	70	81
126	2022FC126	Wareshi Karina Sonu	12	65	77
127	2022FC127	Yeram Sanket Shripat	14	71	85



*J. J. J.*  
Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.



**Rayat Shikshan Sanstha's**  
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**416 702 (MH)**

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**Course Code: CVM101**

**Certificate Course Name: Vedic Mathematics**

**First Three Rankers**

**(2022-2023)**

Sr. No.	Roll Number	Name of Student	Internal Exam Mark (out of 20)	Final Exam Mark (out of 80)	Total Marks (Out of 100)	Rank
1	2022FC16	Bhivande Yamini Sandeep	19	80	99	First
2	2022FC41	Gurav Yuvraj Rohidas	20	79	99	First
3	2022FC76	Mestri Amisha Anant	20	79	99	First
4	2022FC05	Arekar Manish Santosh	20	78	98	Second
5	2022FC56	Karshingkar Nikhil Shashikant	19	79	98	Second
6	2022FC39	Gurav Janhavi Prabhakar	19	78	97	Third
7	2022FC121	Tukarul Diksha Namdev	20	77	97	Third

*@karade*

(Course Coordinator)



*J. Karde*  
Principal  
A.M.A. & N.C.S. College  
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**Rayat Shikshan Sanstha's**  
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**Course Code: CVM101**  
**Certificate Course Name: Vedic Mathematics**  
**Course Completion Report**  
**(2022-2023)**

**Date: 4<sup>th</sup> March, 2023**

In the academic year 2022-2023 a certificate course in **Vedic Mathematics** has been newly introduced. In this course total **127** students were enrolled. It is decided that **Department of Mathematics** will run this course in free of cost for students. The course duration of this course was from 1<sup>st</sup> January, 2023 to 31<sup>st</sup> March, 2023. This course was successfully run by Department of Mathematics. All **127** students were successfully completed the certificate course in Vedic Mathematics. The list of students who completed this course successfully is given below.

Sr. No.	Roll Number	Name of Student	Remark
1	2022FC01	Agre Lalit Sunil	Completed
2	2022FC02	Amare Riddhi Manohar	Completed
3	2022FC03	Amberkar Durgesh Shrikrishna	Completed
4	2022FC04	Amrute Shubham Chandrakant	Completed
5	2022FC05	Arekar Manish Santosh	Completed
6	2022FC06	Arekar Soham Dipak	Completed
7	2022FC07	Badadale Rohit Vaibhav	Completed
8	2022FC08	Bait Dhanashri Suresh	Completed
9	2022FC09	Bane Aishwarya Chandrakant	Completed
10	2022FC10	Bane Hardik Vijay	Completed
11	2022FC11	Bane Paras Pralhad	Completed
12	2022FC12	Baraskar Aishwarya Yashvant	Completed
13	2022FC13	Bavkar Ankita Vijay	Completed
14	2022FC14	Bedekar Vinit Vinayak	Completed
15	2022FC15	Bhivande Amol Dilip Dipika	Completed



16	2022FC16	Bhivande Yamini Sandeep	Completed
17	2022FC17	Bhosale Pranja Ijitendra	Completed
18	2022FC18	Bhovad Viraj Vijay	Completed
19	2022FC19	Botale Girish Durvas	Completed
20	2022FC20	Chalke Anisha Anil	Completed
21	2022FC21	Chapade Piyush Ashok Amisha	Completed
22	2022FC22	Chavan Kalpesh Kishor	Completed
23	2022FC23	Chipte Vaibhavi Vijay	Completed
24	2022FC24	Chorage Pranay Pradip	Completed
25	2022FC25	Dalvi Dhananjay Madhukar	Completed
26	2022FC26	Deo Tanaya Vedbhushan	Completed
27	2022FC27	Dhanawade Ajinkya Murlidhar Madhuri	Completed
28	2022FC28	Dhangat Karishma Keshav	Completed
29	2022FC29	Dhangat Kaushal Keshav	Completed
30	2022FC30	Dhopate Jayesh Ramesh	Completed
31	2022FC31	Dhumale Laki Vilas	Completed
32	2022FC32	Dudhwadkar Nikita Naresh	Completed
33	2022FC33	Garade Diksha Janardan	Completed
34	2022FC34	Garate Rushikesh Sanjay	Completed
35	2022FC35	Ghadi Akash Anant	Completed
36	2022FC36	Gondal Kunal Sunil Sunita	Completed
37	2022FC37	Gondal Vaishali SantoshSanjana	Completed
38	2022FC38	Govlkar Omkar Keshav	Completed
39	2022FC39	Gurav Janhavi Prabhakar	Completed
40	2022FC40	Gurav Saurabh Sachin	Completed
41	2022FC41	Gurav Yuvraj Rohidas	Completed
42	2022FC42	Harekar Sijal Ramesh Reshma	Completed
43	2022FC43	Jadyar Samita shamu	Completed





44	2022FC44	Joshi Ragini Purshuram	Completed
45	2022FC45	Kadam Nikhil Balkrushna	Completed
46	2022FC46	Kadam Ritesh Rajendra Rutuja	Completed
47	2022FC47	Kadam Viraj Sambhaji	Completed
48	2022FC48	Kambali Deepankar Digambar	Completed
49	2022FC49	Kaneri Omkar Mukund	Completed
50	2022FC50	Kaneri Vijay Anant	Completed
51	2022FC51	Kanjar Pritam Ashok	Completed
52	2022FC52	Karanje Kirti Suchendra	Completed
53	2022FC53	Karanje Pranav Suchendra	Completed
54	2022FC54	Karshingkar Tanuja Vikas Vilasini	Completed
55	2022FC55	Karshingkar Chiranjeev Ramakant	Completed
56	2022FC56	Karshingkar Nikhil Shashikant	Completed
57	2022FC57	Karshingkar Siddhi Vishwanath	Completed
58	2022FC58	Katkar Gauresh Prakash	Completed
59	2022FC59	Kavale Easha Raghunath	Completed
60	2022FC60	Kaviskar Pragati Nandkumar	Completed
61	2022FC61	Kazi Ismail Ibrahim	Completed
62	2022FC62	Khadape Suraj Sudhir	Completed
63	2022FC63	Khanvilkar Yash Janardan Jyoti	Completed
64	2022FC64	Kuvare Amey Jayavant Tejashri	Completed
64	2022FC65	Lingayat Sail SantoshSarika	Completed
66	2022FC66	Manchekar Mayuresh Prakash	Completed
67	2022FC67	Mandavkar Aarya Suresh	Completed
68	2022FC68	Mandavkar Mrunmayi Ashok	Completed
69	2022FC69	Mandavkar Omkar Vishwanath	Completed
70	2022FC70	Manjalkar Sevendra Dhondu Darshana	Completed
71	2022FC71	Masaye Parth Prakash Prajakta	Completed
72	2022FC72	Mayekar Amisha Mangesh	Completed



73	2022FC73	Mayekar Mayur Suresh	Completed
74	2022FC74	Mayekar Nikhil Lilakant	Completed
75	2022FC75	Mayekar Siddhi Santosh	Completed
76	2022FC76	Mestri Amisha Anant	Completed
77	2022FC77	Mhadagut Siddhesh Dipak Divya	Completed
78	2022FC78	Mithbavkar Diptesh Dipak	Completed
79	2022FC79	More Vighnesh Vinayak Vidya	Completed
80	2022FC80	Mumbarkar Shital Vijay	Completed
81	2022FC81	Nagarekar Prajakta Sitaram	Completed
82	2022FC82	Naik Saniya Javed	Completed
83	2022FC83	Nalavade Apurva Deepak	Completed
84	2022FC84	Padave Vaishnavi Suryakant Suvarna	Completed
85	2022FC85	Padwal Abhishek Baliram	Completed
86	2022FC86	Padwal Prachi Yogesh	Completed
87	2022FC87	Parkar Atharv Mangesh	Completed
88	2022FC88	Patale Amisha Santosh	Completed
89	2022FC89	Patale Prajyot Ramesh	Completed
90	2022FC90	Patale Yash Ravikant Rohini	Completed
91	2022FC91	Patkare Rohit Prakash Roshani	Completed
92	2022FC92	Pawar Manthan Sudhir	Completed
93	2022FC93	Pitalekar Aniket Vilas	Completed
94	2022FC94	Pitalekar Yuvraj Ashok	Completed
95	2022FC95	Pujare Dikshita Dinesh	Completed
96	2022FC96	Pujari Avadhut Anant	Completed
97	2022FC97	Pujari Disha Vijay	Completed
98	2022FC98	Rane Komal Sandip	Completed
99	2022FC99	Raut Manasi Devanand	Completed
100	2022FC100	Raut Nikhil Madhukar Alka	Completed
101	2022FC101	Raut Samiksha Santosh Rupali	Completed
102	2022FC102	Raut Sanika Digambar	Completed

103	2022FC103	Raut Vishal Dattaram	Completed
104	2022FC104	Sakpal Shreyas Santosh	Completed
105	2022FC105	Salunkhe ShubhamSantosh	Completed
106	2022FC106	Satope Kadambari Bhaskar	Completed
107	2022FC107	Saundalkar Komal Shridhar	Completed
108	2022FC108	Shinde Ketan Dattaram Darshana	Completed
109	2022FC109	Shinde Pranay Vijay Rajshri	Completed
110	2022FC110	Shinde Rasika Ravindra	Completed
111	2022FC111	Shinde Tanvi Bhimrao Sangita	Completed
112	2022FC112	Shirawadkar Piyush Santosh	Completed
113	2022FC113	Sogam Akanksha Lavu	Completed
114	2022FC114	Solkar Alfiya Mehboob Mubina	Completed
115	2022FC115	Solkar Khatun Manzoor	Completed
116	2022FC116	Soundalkar Pallavi Shivaji	Completed
117	2022FC117	Tambe Ajay Dattaram	Completed
118	2022FC118	Tambe Gitanjali Subhash	Completed
119	2022FC119	Tervankar Gauri Vijay	Completed
120	2022FC120	Tevar Gayatri Kasimayan Kudiyamal	Completed
121	2022FC121	Tukarul Diksha Namdev	Completed
122	2022FC122	Tukarul Siddhi Chandrakant	Completed
123	2022FC123	Ugale Ritesh Rajaram Anjali	Completed
124	2022FC124	Upalkar Sanika Pramod	Completed
125	2022FC125	Vaidya Pranjali Anant	Completed
126	2022FC126	Wareshi Karina Sonu	Completed
127	2022FC127	Yeram Sanket Shripat	Completed



*Jeeva*  
Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.





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**Course Code: CVM101**

**Certificate Course Name: Vedic Mathematics**

**Course Information**

**(2022-2023)**

**Date: 4<sup>th</sup> March, 2023**

Sr. No.	Certificate Course Name	Course Code	Year of Offering	Number of times offered during the year	Duration of Course	Number of students enrolled in year	Number of students completed the course in the year
1	Vedic Mathematics	CVM101	2022-2023	1	3 Months (1 <sup>st</sup> Jan - 2023 to 31 <sup>st</sup> March- 2023)	127	127

*karade*

(Course Coordinator.)



*Jey*

Principal  
A. M. A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.



**Rayat Shikshan Sanstha's**  
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**Course Code: CVM101**  
**Certificate Course Name: Vedic Mathematics**  
**Student Enrollment**  
**(2022-2023)**

Sr. No.	Roll Number	Name of Student	Mob. No.	Class	Signature
1	2022FC01	Agre Lalit Sunil	7498398079	F.Y.B.Com.	S.L. Agre
2	2022FC02	Amare Riddhi Manohar	7820946131	F.Y.B.Com.	A.R.M.
3	2022FC03	Amberkar Durgesh Shrikrishna	9322619049	F.Y.B.Com.	DA.
4	2022FC04	Amrute Shubham Chandrakant	7378467261	F.Y.B.Com.	
5	2022FC05	Arekar Manish Santosh	9422551202	F.Y.B.Com.	Manish
6	2022FC06	Arekar Soham Dipak	8010604161	F.Y.B.Com.	Soham
7	2022FC07	Badadale Rohit Vaibhav	8080602165	F.Y.B.Com.	Rohit
8	2022FC08	Bait Dhanashri Suresh	7620971325	F.Y.B.Com.	Dhanashri
9	2022FC09	Bane Aishwarya Chandrakant	7822893420	F.Y.B.Com.	C.A. Bane
10	2022FC10	Bane Hardik Vijay	8262029574	F.Y.B.Com.	Hardik
11	2022FC11	Bane Paras Pralhad	9699241054	F.Y.B.Com.	Paras
12	2022FC12	Baraskar Aishwarya Yashvant	9168465989	F.Y.B.Com.	
13	2022FC13	Bavkar Ankita Vijay	8263041156	F.Y.B.Com.	Ankita
14	2022FC14	Bedekar Vinit Vinayak	9325863483	F.Y.B.Com.	
15	2022FC15	Bhivande Amol Dilip Dipika	9284386648	F.Y.B.Com.	O.A. Bhivande
16	2022FC16	Bhivande Yamini Sandeep	9322450875	F.Y.B.Com.	Bhivande
17	2022FC17	Bhosale Pranja Ijitendra	7391970072	F.Y.B.Com.	Bhosale
18	2022FC18	Bhovad Viraj Vijay	9021682346	F.Y.B.Com.	
19	2022FC19	Botale Girish Durvas	8080290241	F.Y.B.Com.	Girish





20	2022FC20	Chalke Anisha Anil	7387651862	F.Y.B.Com.	A.A.Chalke
21	2022FC21	Chapade Piyush Ashok Amisha	8830784813	F.Y.B.Com.	Chapade
22	2022FC22	Chavan Kalpesh Kishor	8767133667	F.Y.B.Com.	K.K.Chavan
23	2022FC23	Chipte Vaibhavi Vijay	8668696521	F.Y.B.Com.	Chipte
24	2022FC24	Chorage Pranay Pradip	9225384067	F.Y.B.Com.	
25	2022FC25	Dalvi Dhananjay Madhukar	7588996842	F.Y.B.Com.	
26	2022FC26	Deo Tanaya Vedbhushan	9420599271	F.Y.B.Com.	T.V.Deo
27	2022FC27	Dhanawade Ajinkya Murlidhar Madhuri	9226134940	F.Y.B.Com.	
28	2022FC28	Dhangat Karishma Keshav	9529926474	F.Y.B.Com.	
29	2022FC29	Dhangat Kaushal Keshav	9699375750	F.Y.B.Com.	Dhangat
30	2022FC30	Dhopate Jayesh Ramesh	9767551016	F.Y.B.Com.	
31	2022FC31	Dhumale Laki Vilas	9359027688	F.Y.B.Com.	Laki
32	2022FC32	Dudhwadkar Nikita Naresh	7588581097	F.Y.B.Com.	
33	2022FC33	Garade Diksha Janardan	9370819016	F.Y.B.Com.	Garade
34	2022FC34	Garate Rushikesh Sanjay	9322719635	F.Y.B.Com.	Garate
35	2022FC35	Ghadi Akash Anant	9405939737	F.Y.B.Com.	Ghadi
36	2022FC36	Gondal Kunal Sunil Sunita	8888077400	F.Y.B.Com.	S.K.Gondal
37	2022FC37	Gondal Vaishali SantoshSanjana	9404773775	F.Y.B.Com.	V.S.Gondal
38	2022FC38	Govlkar Omkar Keshav	9529793325	F.Y.B.Com.	Govlkar
39	2022FC39	Gurav Janhavi Prabhakar	7499320485	F.Y.B.Com.	Gurav
40	2022FC40	Gurav Saurabh Sachin	7822939921	F.Y.B.Com.	
41	2022FC41	Gurav Yuvraj Rohidas	9322405141	F.Y.B.Com.	R.Y.Gurav
42	2022FC42	Harekar Sijal Ramesh Reshma	9011619226	F.Y.B.Com.	
43	2022FC43	Jadyar Samita shamu	9529342850	F.Y.B.Com.	S.S.Jadyar
44	2022FC44	Joshi Ragini Purshuram	7498191392	F.Y.B.Com.	Joshi
45	2022FC45	Kadam Nikhil Balkrushna	8767084339	F.Y.B.Com.	



46	2022FC46	Kadam Ritesh Rajendra Rutuja	9372874948	F.Y.B.Com.	
47	2022FC47	Kadam Viraj Sambhaji	7248941892	F.Y.B.Com.	
48	2022FC48	Kambali Deepankar Digambar	9284489460	F.Y.B.Com.	
49	2022FC49	Kaneri Omkar Mukund	7325910508	F.Y.B.Com.	
50	2022FC50	Kaneri Vijay Anant	7666280432	F.Y.B.Com.	
51	2022FC51	Kanjar Pritam Ashok	9511890900	F.Y.B.Com.	
52	2022FC52	Karanje Kirti Suchendra	9673357437	F.Y.B.Com.	Karanje
53	2022FC53	Karanje Pranav Suchendra	7767073882	F.Y.B.Com.	Karanje
54	2022FC54	Karshingkar Tanuja Vikas Vilasini	9579400268	F.Y.B.Com.	T.V. Karshingkar
55	2022FC55	Karshingkar Chiranjeev Ramakant	8767001969	F.Y.B.Com.	
56	2022FC56	Karshingkar Nikhil Shashikant	8591798941	F.Y.B.Com.	
57	2022FC57	Karshingkar Siddhi Vishwanath	7066636788	F.Y.B.Com.	Karshingkar
58	2022FC58	Katkar Gauresh Prakash	9225997013	F.Y.B.Com.	G.P. Katkar
59	2022FC59	Kavale Easha Raghunath	9021343076	F.Y.B.Com.	
60	2022FC60	Kaviskar Pragati Nandkumar	8010541794	F.Y.B.Com.	Kaviskar
61	2022FC61	Kazi Ismail Ibrahim	9527114982	F.Y.B.Com.	
62	2022FC62	Khadape Suraj Sudhir		F.Y.B.Com.	S.S. Khadape
63	2022FC63	Khanvilkar Yash Janardan Jyoti	7378735168	F.Y.B.Com.	J.Y. Khanvilkar
64	2022FC64	Kuvare Amey Jayavant Tejashri	9321319240	F.Y.B.Com.	
64	2022FC65	Lingayat Sail Santosh Sarika	8767511933	F.Y.B.Com.	Lingayat
66	2022FC66	Manchekar Mayuresh Prakash	7588378336	F.Y.B.Com.	
67	2022FC67	Mandavkar Aarya Suresh	9028559499	F.Y.B.Com.	Mandavkar
68	2022FC68	Mandavkar Mrunmayi Ashok	9373281217	F.Y.B.Com.	M.A. Mandavkar
69	2022FC69	Mandavkar Omkar Vishwanath	8010171116	F.Y.B.Com.	Omkar
70	2022FC70	Manjalkar Sevendra Dhondu Darshana	8766573314	F.Y.B.Com.	
71	2022FC71	Masaye Parth Prakash Prajakta	9373938489	F.Y.B.Com.	P.P. Masaye





72	2022FC72	Mayekar Amisha Mangesh	9359037169	F.Y.B.Com.	
73	2022FC73	Mayekar Mayur Suresh	8010836328	F.Y.B.Com.	
74	2022FC74	Mayekar Nikhil Lilakant	8010834709	F.Y.B.Com.	
75	2022FC75	Mayekar Siddhi Santosh	8010209251	F.Y.B.Com.	<u>S. Mayekar</u>
76	2022FC76	Mestri Amisha Anant	7972235752	F.Y.B.Com.	<u>A. Mestri</u>
77	2022FC77	Mhadagut Siddhesh Dipak Divya	7666995245	F.Y.B.Com.	
78	2022FC78	Mithbavkar Diptesh Dipak	7038272005	F.Y.B.Com.	<u>Mithbavkar</u>
79	2022FC79	More Vighnesh Vinayak Vidya	8928500562	F.Y.B.Com.	
80	2022FC80	Mumbarkar Shital Vijay	9324043360	F.Y.B.Com.	
81	2022FC81	Nagarekar Prajakta Sitaram	9372837378	F.Y.B.Com.	<u>A. Nagarekar</u>
82	2022FC82	Naik Saniya Javed	9359473383	F.Y.B.Com.	<u>S. Naik</u>
83	2022FC83	Nalavade Apurva Deepak	7620119383	F.Y.B.Com.	<u>A. Nalavade</u>
84	2022FC84	Padave Vaishnavi Suryakant Suvarna	9022463819	F.Y.B.Com.	<u>V. Padave</u>
85	2022FC85	Padwal Abhishek Baliram	8010540185	F.Y.B.Com.	
86	2022FC86	Padwal Prachi Yogesh	8080562761	F.Y.B.Com.	<u>Y.P. Padwal</u>
87	2022FC87	Parkar Atharv Mangesh	8767996281	F.Y.B.Com.	<u>A.P.</u>
88	2022FC88	Patale Amisha Santosh	7074814202	F.Y.B.Com.	
89	2022FC89	Patale Prajyot Ramesh	9322763988	F.Y.B.Com.	<u>P. Patale</u>
90	2022FC90	Patale Yash Ravikant Rohini	8010965780	F.Y.B.Com.	<u>P.Y. Patil</u>
91	2022FC91	Patkare Rohit Prakash Roshani	9689860691	F.Y.B.Com.	
92	2022FC92	Pawar Manthan Sudhir	9096757310	F.Y.B.Com.	<u>M. Pawar</u>
93	2022FC93	Pitalekar Aniket Vilas	8928574023	F.Y.B.Com.	
94	2022FC94	Pitalekar Yuvraj Ashok	7796023095	F.Y.B.Com.	<u>A.Y. Pitalekar</u>
95	2022FC95	Pujare Dikshita Dinesh	9423203105	F.Y.B.Com.	
96	2022FC96	Pujari Avadhut Anant	7499989241	F.Y.B.Com.	<u>A. Pujari</u>
97	2022FC97	Pujari Disha Vijay	9373941439	F.Y.B.Com.	<u>D. Pujari</u>
98	2022FC98	Rane Komal Sandip	8308289372	F.Y.B.Com.	



99	2022FC99	Raut Manasi Devanand	7588437210	F.Y.B.Com.	
100	2022FC100	Raut Nikhil Madhukar Alka	8010750653	F.Y.B.Com.	
101	2022FC101	Raut Samiksha Santosh Rupali	7666735988	F.Y.B.Com.	
102	2022FC102	Raut Sanika Digambar	9284268595	F.Y.B.Com.	
103	2022FC103	Raut Vishal Dattaram	9370072655	F.Y.B.Com.	<u>VH</u>
104	2022FC104	Sakpal Shreyas Santosh	9021823587	F.Y.B.Com.	
105	2022FC105	Salunkhe Shubham Santosh	8459617879	F.Y.B.Com.	
106	2022FC106	Satope Kadambari Bhaskar	9518938050	F.Y.B.Com.	<u>Satope</u>
107	2022FC107	Saundalkar Komal Shridhar	7218021109	F.Y.B.Com.	
108	2022FC108	Shinde Ketan Dattaram Darshana	7769981825	F.Y.B.Com.	
109	2022FC109	Shinde Pranay Vijay Rajshri	9067473386	F.Y.B.Com.	P.v.shinde
110	2022FC110	Shinde Rasika Ravindra	9699476148	F.Y.B.Com.	
111	2022FC111	Shinde Tanvi Bhimrao Sangita	8805976542	F.Y.B.Com.	
112	2022FC112	Shirawadkar Piyush Santosh	8767441910	F.Y.B.Com.	
113	2022FC113	Sogam Akanksha Lavu	8275498086	F.Y.B.Com.	
114	2022FC114	Solkar Alfiya Mehboob Mubina	8010081704	F.Y.B.Com.	<u>A.M.Solkar</u>
115	2022FC115	Solkar Khatun Manzoor	9325899015	F.Y.B.Com.	
116	2022FC116	Soundalkar Pallavi Shivaji	7218021109	F.Y.B.Com.	
117	2022FC117	Tambe Ajay Dattaram	7821059726	F.Y.B.Com.	<u>S.Tambe</u>
118	2022FC118	Tambe Gitanjali Subhash	8999734733	F.Y.B.Com.	<u>Gomb</u>
119	2022FC119	Tervankar Gauri Vijay	9653455211	F.Y.B.Com.	<u>G.V.Tervankar</u>
120	2022FC120	Tevar Gayatri Kasimayan Kudiyaamal	8265026625	F.Y.B.Com.	
121	2022FC121	Tukarul Diksha Namdev	8668892650	F.Y.B.Com.	<u>Tukarul</u>
122	2022FC122	Tukarul Siddhi Chandrakant	7262810591	F.Y.B.Com.	<u>Tukarul</u>
123	2022FC123	Ugale Ritesh Rajaram Anjali	9271398292	F.Y.B.Com.	
124	2022FC124	Upalkar Sanika Pramod	9307533164	F.Y.B.Com.	<u>P.S.Upalkar</u>
125	2022FC125	Vaidya Pranjali Anant	8010159871	F.Y.B.Com.	
126	2022FC126	Wareshi Karina Sonu	9404269129	F.Y.B.Com.	<u>Wareshi</u>
127	2022FC127	Yeram Sanket Shripat	9082118682	F.Y.B.Com.	





Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur, Dist-Ratnagiri,  
416 702 (MH)

*Affiliated to University of Mumbai, Mumbai*  
*Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

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*Department of Commerce*

*Certificate Course in*  
*Personal Financial*  
*Planning*

*2022-2023*







**CERTIFICATE COURSE IN PERSONAL FINANCIAL PLANNING**

*Education Through Self-help is Our Motto*  
**Department of Commerce**  
**Abasaheb Marathe Arts and New Commerce, Science College**  
**Rajapur**

**Tal: Rajapur, Dist: Ratnagiri. Pin: 416702**

*Rayat Shikshan Sanstha's*





### 1. Aims and Objectives of the Course:

1. To generate awareness among the younger generations about Personal Financial Planning.
2. To promote Personal Financial Planning and research in India and abroad among professionals amateurs.
3. To help the student identify proper investment way.
4. To help the existing education system become in tune with the value of Financial planning.

### 2. Duration of Course:

We are offering Certificate Course in Personal financial planning. The duration of this course is of 3 months.

### 3. Eligibility Conditions for Admission:

Students completed H.S.C. from stream Commerce are eligible to take admission to Certificate Course in Personal financial planning.

### 4. Selection Criteria for Admission:

The candidates desirous to seek admission to Certificate Course in shall be admitted on the basis of merit drawn on the basis of percentage marks in 1<sup>st</sup> standard.

6.

### Certificate Course in Personal financial planning Scheme of Examination

Course Code	Name of the Course	Teaching Hours per week	Examination Scheme Theory Exam	Total Marks
PFP104	Personal financial planning	4	50	50



*[Signature]*  
I/C Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.






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Date - 20/12/2022

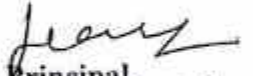
## Notice

All the short term course committee members are herewith informed that their meeting is to be arranged on 23<sup>rd</sup> Dec. 2022 at 12.00 pm in the Department of commerce to design the structure / syllabus, etc. of short term course. So all the members are requested to be present in the scheduled the meeting on time.

  
Chairman of Short Course  
Dr Sanjay Mestry

  
HOD  
Dr Bhave A.V.

  
Co ordinator  
Prof. Kamat M.A.

  
Principal,  
I/G Principal  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri





Rayat Shikshan Sanstha's  
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**Department of commerce**  
**Certificate Course in Personal Financial Planning**  
**Board of Studies**

Sr. No.	Designation	Name of the person
1	Chairman	Dr. Harale G.D.(IC Principal)
2	Member	Dr. Mestry S.R. (Chairman, Short Term Course Committee)
3	Member	Dr. Bhawe A.V. (Head of the Commerce Department)
4	Member	Prof. Solkar N.A.R. (Expert)
5	Member	Prof. Kamat M.A.( Co-ordinator)

Board of studies meeting of the short term course of Certificate Course in Personal Financial Planning conducted on 23<sup>rd</sup> Dec. 2022 at 12.00 pm in the department of Commerce. Following points are discussed in the meeting.

1. Syllabus formation of short term course of Personal Financial Planning.
2. Dissemination of work and knowledge.
3. Fee structure.
4. Participation of students.

Following member were presented for the meeting

Name of the person	Sign
Dr. Harale G.D.	
Dr. Mestry S.R.	
Dr. Bhawe A.V.	
Prof. Solkar N.A.R.	
Prof. Kamat M.A	



**I/C Principal**  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.



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**Dist-Ratnagiri, 416 702 (MH)**

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## **Syllabus**

**Course Name: Personal Financial Planning**

### **Course Objectives:**

The main objectives of the course are:

1. To explain issues and concepts related to overall financial planning process.
2. To understand the goals and objectives of personal financial planning.
3. To learn about the concept and techniques of time value of money.
4. To discuss the use and importance of financial statements in financial planning.
5. To calculate the value of money in series.
6. To identify the various types of risks.
7. To state the different types of investment.

### **UNIT-I**

#### **Basics of Personal Financial Planning:**

Definition, Importance and process of financial planning, Concept of time value of money in single and series.

### **UNIT-II**

#### **Managing Investment Risk:**

Types of risks, measurement and management of risks and financial statements.

### **UNIT-III**

#### **Measuring Investment Returns:**

Risk and Return trade-off, Short term and long term capital Gains. Choosing the various source of credit and credit alternatives.





## UNIT-IV

### Investment Vehicles/ Strategies:

Investment concerns, small saving schemes, Fixed income Instruments, Mutual funds and other investment schemes and Asset classes, Various Strategies, Strategies and asset allocation. Evaluating investment in various stocks and Various Loans and their usage.

### Course Outcomes:

At the end of the course the students will be able to:

1. Understand financial planning process.
2. Manage personal financial planning.
3. Judge the various types of risks.
4. Know types of investment.

### Suggested Readings:

1. M.A. Kohok, 1993, Financial Services in India, Digvijay Publications: Nashik..
2. L.M. Bhole, 1992, Financial Institutions and Markets: Structure, Growth and Innovations, Tata-McGraw Hill Publishing Co., New Delhi.
3. K. Subramanian and T.K.Velayudham, 1997, Banking Reforms in India: Managing Change, Tata-McGraw Hill Publishing Co., New Delhi.
4. M.Y. Khan, 1997, Financial Services, Tata McGraw-Hill Publishing Co.: New Delhi.
5. Meir Kohn, 1994, Financial Institutions and Markets, McGraw-Hill Inc.: New York.



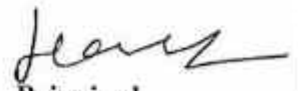
Chairman of Start Course  
Dr Sanjay Mestry



HOD  
Dr Bhave A.V.



Co ordinator  
Prof. Kamat M.A.



Principal  
Dr Harale G.D



I/C Principal  
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Course Code: PFP104  
Certificate Course Name: Personal Financial Planning

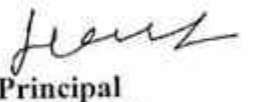
### Course Information

Sr. No.	Course name	Course code	Year of offering	Number of times offered during the year	Duration of course	No. of student enrolled in a year	Number of student completed the course during the year
1	Personal Financial Planning	PFP104	2022-23	1	3 month	42	42

  
Chairman of Short Course  
Dr Sanjay Mestry

  
HOD  
Dr Bhave A.V.

  
Co ordinator  
Prof. Kamat M.A.

  
Principal  
Dr Harale G.D

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Course Code: PFP104  
Certificate Course Name: Personal Financial Planning  
Student Enrollment  
(2022-2023)

Sr. No.	Roll Number	Name of Student	Mob. No.	Class
1	2022FC01	Agre Lalit Sunil	7498398079	F.Y.B.Com.
2	2022FC02	Amare Riddhi Manohar		F.Y.B.Com.
3	2022FC03	Amberkar Durgesh Shrikrishna	9322619049	F.Y.B.Com.
4	2022FC04	Amrute Shubham Chandrakant	7378467261	F.Y.B.Com.
5	2022FC05	Arekar Manish Santosh	9422551202	F.Y.B.Com.
6	2022FC06	Arekar Soham Dipak	8010604161	F.Y.B.Com.
7	2022FC07	Badadale Rohit Vaibhav		F.Y.B.Com.
8	2022FC08	Bait Dhanashri Suresh	7620971325	F.Y.B.Com.
9	2022FC09	Bane Aishwarya Chandrakant	7822893420	F.Y.B.Com.
10	2022FC10	Bane Hardik Vijay	8262029574	F.Y.B.Com.
11	2022FC11	Bane Paras Pralhad	9699241054	F.Y.B.Com.
12	2022FC12	Baraskar Aishwarya Yashvant	9168465989	F.Y.B.Com.
13	2022FC13	Bavkar Ankita Vijay		F.Y.B.Com.
14	2022FC14	Bedekar Vinit Vinayak	9325863483	F.Y.B.Com.
15	2022FC15	Bhivande Amol Dilip Dipika		F.Y.B.Com.
16	2022FC16	Bhivande Yamini Sandeep	9322450875	F.Y.B.Com.
17	2022FC17	Bhosale Pranjal Jitendra	7391970072	F.Y.B.Com.
18	2022FC18	Bhovad Viraj Vijay	9021682346	F.Y.B.Com.
19	2022FC19	Botale Girish Durvas	8080290241	F.Y.B.Com.



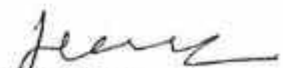


20	2022FC20	Chalke Anisha Anil	7387651862	F.Y.B.Com.
21	2022FC21	Chapade Piyush Ashok Amisha		F.Y.B.Com.
22	2022FC22	Chavan Kalpesh Kishor	8767133667	F.Y.B.Com.
23	2022FC23	Chipte Vaibhavi Vijay	8668696521	F.Y.B.Com.
24	2022FC24	Chorage Pranay Pradip	9225384067	F.Y.B.Com.
25	2022FC25	Dalvi Dhananjay Madhukar	7588996842	F.Y.B.Com.
26	2022FC26	Deo Tanaya Vedbhushan	9420599271	F.Y.B.Com.
27	2022FC27	Dhanawade Ajinkya Murlidhar Madhuri		F.Y.B.Com.
28	2022FC28	Dhangat Karishma Keshav	9529926474	F.Y.B.Com.
29	2022FC29	Dhangat Kaushal Keshav	9699375750	F.Y.B.Com.
30	2022FC30	Dhopate Jayesh Ramesh		F.Y.B.Com.
31	2022FC31	Dhumale Laki Vilas	9359027688	F.Y.B.Com.
32	2022FC32	Dudhwadkar Nikita Naresh	7588581097	F.Y.B.Com.
33	2022FC33	Garade Diksha Janardan	9370819016	F.Y.B.Com.
34	2022FC34	Garate Rushikesh Sanjay	9322719635	F.Y.B.Com.
35	2022FC35	Ghadi Akash Anant	9405939737	F.Y.B.Com.
36	2022FC36	Gondal Kunal Sunil Sunita		F.Y.B.Com.
37	2022FC37	Gondal Vaishali Santosh Sanjana		F.Y.B.Com.
38	2022FC38	Govlikar Omkar Keshav	9529793325	F.Y.B.Com.
39	2022FC39	Gurav Janhavi Prabhakar	7499320485	F.Y.B.Com.
40	2022FC40	Gurav Saurabh Sachin	7822939921	F.Y.B.Com.
41	2022FC41	Gurav Yuvraj Rohidas	9322405141	F.Y.B.Com.
42	2022FC42	Harekar Sijal Ramesh Reshma		F.Y.B.Com.

  
Chairman of Short Course  
Dr Sanjay Mestry

  
HOD  
Dr Bhave A.V.

  
Co-ordinator  
Prof. Kamat M.A.

  
I/C Principal  
Dr Harate G.D.  
A. M. A. & N. C. S. College  
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Certificate Course Name: Personal Financial Planning


Lecture Time Table

(2022-2023)

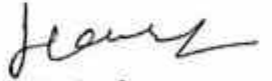
Time	Wednesday	Thursday	Friday	Saturday
01:00 pm to 01:50 pm	Theory (MAK)	Theory (MAK)	Theory (MAK)	Theory (MAK)

Note – Prof. Mugdha Atul Kamat ( MAK)

  
Chairman of Short Course  
Dr Sanjay Mestry

  
HOD  
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Prof. Kamat M.A.

  
Principal  
Dr Harale G.D  
i/c Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.













32	2022FC32	Dudhawaaketo Nikita Naresh	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala
33	2022FC33	Garade Diksha Janardan	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala
34	2022FC34	Garate Rushikesh	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala
35	2022FC35	Sanjay Ghadi Akash	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala
36	2022FC36	Gondal Kunal Sunil Sunita	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala
37	2022FC37	Gondal Vaishali Santosh Sanjana	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala
38	2022FC38	Govkar Omkar Keshav	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala
39	2022FC39	Gurav Janhavi Prabhakar	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala
40	2022FC40	Gurav Saurabh Sachin	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala
41	2022FC41	Gurav Yuvraj Rohidas	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala
42	2022FC42	Harekar Sijal Ramesh Reshma	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala	Nirala Nirala

*Jant*  
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 Rajapur, Dist. Ratnagiri.











39	2022FC39	Gurav Janhavi Prabhakar	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>
40	2022FC40	Gurav Saurabh Sachin	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>
41	2022FC41	Gurav Yuvraj Rohidas	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>
42	2022FC42	Harekar Sijal Ramesh Reshma	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>	<del>Yes</del>

*Jainz*  
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 A.M.A. & N.C.S.Colleg  
 Rajapur, Dist. Ratnagi

















26	2022FC26	Deo Tanaya Vedbhushan	<del>Deo Tanaya</del>	<del>Vedbhushan</del>
27	2022FC27	Dhanawade Ajinkya Murlidhar Madhuri	<del>Dhanawade</del>	<del>Ajinkya</del> <del>Murlidhar</del> <del>Madhuri</del>
28	2022FC28	Dhangat Karishma Keshav	<del>Dhangat</del>	<del>Karishma</del> <del>Keshav</del>
29	2022FC29	Dhangat Kaushal Keshav	<del>Dhangat</del>	<del>Kaushal Keshav</del>
30	2022FC30	Dhopate Jayesh Ramesh	<del>Dhopate Jayesh</del>	<del>Ramesh</del>
31	2022FC31	Dhumale Laki Vilas	<del>Dhumale Laki</del>	<del>Vilas</del>
32	2022FC32	Dudhwadkar Nikita Naresh	<del>Dudhwadkar</del>	<del>Nikita Naresh</del>
33	2022FC33	Garade Diksha Janardan	<del>Garade Diksha</del>	<del>Janardan</del>
34	2022FC34	Garate Rushikesh Sanjay	<del>Garate</del>	<del>Rushikesh</del> <del>Sanjay</del>
35	2022FC35	Ghadi Akash Anant	<del>Ghadi Akash</del>	<del>Anant</del>
36	2022FC36	Gondal Kunal Sunil Sunita	<del>Gondal Kunal</del>	<del>Sunil Sunita</del>
37	2022FC37	Gondal Vaishali Santosh Sanjana	<del>Gondal Vaishali</del>	<del>Santosh Sanjana</del>
38	2022FC38	Govlkar Omkar Keshav	<del>Govlkar Omkar</del>	<del>Keshav</del>
39	2022FC39	Gurav Janhavi Prabhakar	<del>Gurav Janhavi</del>	<del>Prabhakar</del>

40	2022FC40	Gurav Saurabh Sachin	<del>Gurav Sachin</del>	<del>Gurav Sachin</del>	<del>Gurav Sachin</del>	<del>Gurav Sachin</del>	<del>Gurav Sachin</del>	<del>Gurav Sachin</del>	<del>Gurav Sachin</del>	<del>Gurav Sachin</del>	<del>Gurav Sachin</del>	<del>Gurav Sachin</del>	<del>Gurav Sachin</del>
41	2022FC41	Gurav Yuvraj Rohidas	<del>Gurav Rohidas</del>	<del>Gurav Rohidas</del>	<del>Gurav Rohidas</del>	<del>Gurav Rohidas</del>	<del>Gurav Rohidas</del>	<del>Gurav Rohidas</del>	<del>Gurav Rohidas</del>	<del>Gurav Rohidas</del>	<del>Gurav Rohidas</del>	<del>Gurav Rohidas</del>	<del>Gurav Rohidas</del>
42	2022FC42	Harekar Sijal Ramesh Reshma	<del>Harekar Sijal</del>	<del>Harekar Sijal</del>	<del>Harekar Sijal</del>	<del>Harekar Sijal</del>	<del>Harekar Sijal</del>	<del>Harekar Sijal</del>	<del>Harekar Sijal</del>	<del>Harekar Sijal</del>	<del>Harekar Sijal</del>	<del>Harekar Sijal</del>	<del>Harekar Sijal</del>



*Harekar*  
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416 702 (MH)

*Affiliated to University of Mumbai, Mumbai*  
*Reaccredited with B<sup>+</sup> grade by NAAC/ Best College Award by University of Mumbai, Mumbai*

Course Code: PFP104

Certificate Course Name: Personal Financial Planning

Exam Time Table

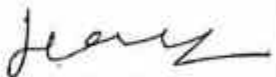
(2022-2023)

Day and Date	Time	Paper Name
4 <sup>th</sup> April 2023 Thursday	12:00 pm to 2:00 pm	PFP Final Exam

  
Chairman of Short Course  
Dr Sanjay Mestry

  
HOD  
Dr Bhave A.V.

  
Co ordinator  
Prof. Kamat M.A.

  
Principal  
Dr Harale G.D  
I/C Principal  
A. M. A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.





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**Course Code: PFP104**  
**Certificate Course Name: Personal Financial Planning**

**Result 2022-2023**

Sr. No.	Roll Number	Name of Student	Total Marks (Out of 50)
1	2022FC01	Agre Lalit Sunil	40
2	2022FC02	Amare Riddhi Manohar	41
3	2022FC03	Amberkar Durgesh Shrikrishna	38
4	2022FC04	Amrute Shubham Chandrakant	35
5	2022FC05	Arekar Manish Santosh	40
6	2022FC06	Arekar Soham Dipak	40
7	2022FC07	Badadale Rohit Vaibhav	47
8	2022FC08	Bait Dhanashri Suresh	43
9	2022FC09	Bane Aishwarya Chandrakant	42
10	2022FC10	Bane Hardik Vijay	40
11	2022FC11	Bane Paras Pralhad	46
12	2022FC12	Baraskar Aishwarya Yashvant	39
13	2022FC13	Bavkar Ankita Vijay	39
14	2022FC14	Bedekar Vinit Vinayak	38
15	2022FC15	Bhivande Amol Dilip Dipika	40
16	2022FC16	Bhivande Yamini Sandeep	40
17	2022FC17	Bhosale Pranjal Jitendra	44
18	2022FC18	Bhovad Viraj Vijay	41



19	2022FC19	Botale Girish Durvas	40
20	2022FC20	Chalke Anisha Anil	37
21	2022FC21	Chapade Piyush Ashok Amisha	40
22	2022FC22	Chavan Kalpesh Kishor	41
23	2022FC23	Chipte Vaibhavi Vijay	44
24	2022FC24	Chorage Pranay Pradip	39
25	2022FC25	Dalvi Dhananjay Madhukar	40
26	2022FC26	Deo Tanaya Vedbhushan	42
27	2022FC27	Dhanawade Ajinkya Murlidhar Madhuri	42
28	2022FC28	Dhangat Karishma Keshav	44
29	2022FC29	Dhangat Kaushal Keshav	43
30	2022FC30	Dhopate Jayesh Ramesh	44
31	2022FC31	Dhumale Laki Vilas	41
32	2022FC32	Dudhwadkar Nikita Naresh	38
33	2022FC33	Garade Diksha Janardan	37
34	2022FC34	Garate Rushikesh Sanjay	44
35	2022FC35	Ghadi Akash Anant	44
36	2022FC36	Gondal Kunal Sunil Sunita	40
37	2022FC37	Gondal Vaishali Santosh Sanjana	40
38	2022FC38	Govlkar Omkar Keshav	44
39	2022FC39	Gurav Janhavi Prabhakar	40
40	2022FC40	Gurav Saurabh Sachin	45
41	2022FC41	Gurav Yuvraj Rohidas	38
42	2022FC42	Harekar Sijal Ramesh Reshma	35

Chairman of Short Course  
Dr Sanjay Mestry

HOD  
Dr Bhawe A.V.

Co ordinator  
Prof. Kamat M.A.

Principal  
I/O Principal  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.





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Course Code: PFP104  
Certificate Course Name: Personal Financial Planning

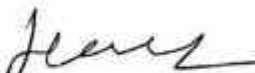
### First Three Rankers 2022-2023

Sr. No.	Roll No.	Name of the student	Final Exam mark (Out of 50)	Total Marks (Out of 50)	Rank
1	2022FC07	Badadale Rohit Vaibhav	47	47	First
2	2022FC11	Bane Paras Pralhad	46	46	Second
3	2022FC40	Gurav Saurabh Sachin	45	45	Third

  
Chairman of Start Course  
Dr Sanjay Mestry

  
HOD  
Dr Bhave A.V.

  
Co ordinator  
Prof. Kamat M.A.

  
Principal  
Dr Harale G.D  
I/C Principal  
A.M.A.&N.C.S. College  
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**Department of commerce**  
**Certificate Course in Personal Financial Planning**  
**Report**  
**2022-23**

The certificate course in Personal Financial Planning has been conducted in academic year 2022-23.. The syllabus has been finalized in the meeting of Board of Studies which was held on 23<sup>rd</sup> Dec. 2022. In this course 42 students were taken admission. Total 30 lectures have been conducted between January to March 2023 and students attended their lectures with about  $\geq 90\%$  attendance. The examination has been conducted on 4<sup>th</sup> April 2023. The result of the course is 100%. Total 31 Students achieved "O" grade, whereas 11 students has achieved "A" grade.

During the conduction of the course, the Head of the Department of Commerce Dr. Bhave A. V., the Chairman, Dr Sanjay Mestry of Short Term course committee and Hon. Principal Dr Harale G. D. have been supported.

**Chairman of Short Course**  
Dr Sanjay Mestry

**HOD**  
Dr Bhave A.V.

**Co ordinator**  
Prof. Kamat M.A.

**Principal**  
Dr Harale G.D  
**I/C Principal**  
A.M.A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.





Karmaveer

**Rayat Shikshan Sanstha's**

**ABASAHEB MARATHE ARTS AND NEW COMMERCE,**

**SCIENCE COLLEGE, RAJAPUR**

(Vikhare - Gothane) Tal: Rajapur, Dist: Ratnagiri

**Department of Commerce**

**Certificate Course in Personal Financial Planning**

**(2022-2023)**

## ***CERTIFICATE***

*This is to certify that \_\_\_\_\_ of*

*Abasaheb Marathe Arts and New Commerce, Science College, Rajapur has successfully completed the 30 hours Certificate Course in Personal Financial Planning organized by the Department of Commerce from 1<sup>st</sup> January to 30<sup>th</sup> March, 2023.*

**Prof. Kamat M.A.**  
Course Coordinator

**Dr. G. D. Harale**  
Principal





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**Year 2022-23**

**Department of English**

**Short term Course**

**Proficiency in English Language**

### **Introduction:**

English has come to be the international language of global communication, due to various reasons which are political, economic and technical. Globalization has made English as a compulsory language of a successful personality as it is an important tool widely used in international communication all over the world. It is not only for the employment but also for the students wishing for higher studies especially in the countries where English is official language.

English proficiency is a student's ability to use the English language to make and communicate meaning in spoken and written context while completing their program of study. English language proficiency means the full command of language skills, including proficiency in listening, speaking, reading, writing of the English language. English proficiency helps to increase the ability to do something well because of training and practice and helps in advancement of knowledge.

*One who has to acquire language proficiency has to study the rules of such a language labeled as grammar, phonology, morphology, syntax and lexicon. This course is aimed at imparting basic knowledge and to enhance the four language skills listening, speaking, reading, writing to strengthen proficiency in English.*

Duration of Course: 3 Months

Lectures-30

Examination Type: Final Exam at the end of Course

Eligibility: 10+2 pass out students with a minimum of 50% at the respective level from recognized board/University.

*Rayat Shikshan Sanstha's*  
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*(Reaccredited with B+ grade by NAAC/ Best college Award by University of Mumbai, Mumbai)*  
**Year 2022-23**

**Department of English**  
**Short Term Course**  
**"Proficiency in English Language"**

**BOARD OF STUDIES**

**Mr. Mali A.S**

- **Chairman (AMACS College Rajapur)**

**Smt. Suryavanshi M.D-**

- **Co-Ordinator (AMACS College Rajapur)**

**Dr. Kakade V.C**

- **Member (Head & Associate Prof. Dept. of English, Anandibai Ravrane ACS College, Vaibhavwadi)**

**Dr. Rade S.C**

- **Member (Assistant Prof. Dept. of English, Anandibai Ravrane ACS College, Vaibhavwadi.)**



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Year 2022-23

Department of English

Short Term Course

Proficiency in Spoken English

- Aims and Objectives of the Course
  1. To introduce the student basic language skills
  2. To enhance language proficiency by providing adequate exposure and to develop and writing skills.
  3. To familiarize students with different professional writing skills.
  4. To help them to learn grammatical pattern of sentences.

- Theory Syllabus

- Basic language Skills
- Parts of Speech
- Tenses
- Vocabulary
- Paragraph Writing

- Practical

- Introduction
- Story Telling









	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
43)	Pronali Sandip Sagalekar	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
44)	Rutuja Shrikrushish Jadhav	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
45)	Vinayak Vilas Bhatkar	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
46)	Ganesh Sunil Khatkekar	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
47)	Ashesh Vinaykumar Kumbhar	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
48)	Nitesh Narayan Kulkarni	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
49)	Fazfull Ashok Jadhav	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
50)	Prathmesh Koiri	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
51)	Roshan manjalkar	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
52)	Nitesh Bendre	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
53)	Mandavkar Shrutika V.	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
54)	Nalavade Nilam Vilas	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
55)	Nilam Akshata Ashok	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
56)	Ravnak Mahesh Shankar	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
57)	Varak Sonali Ramchandra	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
58)	Kamble Payal	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
59)	Garate Jayali Anant	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
60)	Garar Ganika Balkrushna	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents	Parents
61)												
62)												
63)												
64)												
65)												
66)												
67)												

























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Year 2022-23

Department of English

Short Term Course

Proficiency in English Language

Question Paper Pattern

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Total Marks 50

Times: 2 Hrs.

- |  |          |
|--|----------|
| Q.1 Fill in the blanks by choosing the correct alternatives. | 30 Marks |
| Q.2 Correct the sentences.                                   | 10 Marks |
| Q.3 Summarise the following paragraph.                       | 10 Marks |



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**Year 2022-23**

**Department of English**  
**Short Term Course**  
**Proficiency in English Language**

Time: 11:00 to 1:00 pm

Total Marks:50M

Date: 29/10/2022

**Q.1 Fill in the blanks by choosing the correct alternatives.**

**30 M**

- 1) They.....her and trusted her for years. (Know, had known, knew, known)
- 2) Every morning she.....up early and gets ready for work.  
(is awakening, has awakening, has woken, wakes)
- 3) People....walk on grass. (couldn't, needn't, mustn't, may not)
- 4).....you speak any foreign languages? (Shall, Could, Must, Can)
- 5) World War I and World War II took place.....the 20<sup>th</sup> c.(but, or, so, and)
- 6) They built this temple 3000 years ago. This must .....a great civilization.  
(not have been, was, has been, have been)
- 7) I wanted to go to the Dark.....my mother refused. (but, or, so, and)
- 8) Open to more than one interpretation, not having one obvious meaning.  
(Alchemy, Amateur, Ambiguous, Alternation)
- 9) Pick out the word that is most nearby the same in meaning as the words in capitals. RETREAT(to pay back, undress, say again, withdrew)
- 10) The students....the teacher on teacher's day for twenty years of dedicated teaching.  
(facilitated, felicitated, fantasized, facilitated )
- 11) The sudden death of our uncle was.....for all of us.(tragic, fragile, gentle, dissuasive)
- 12) Coin collecting is one of the popular.....(tragedy, stress, hobbies, experience)
- 13) Can you....this file on Monday.(visit, stop, throw, bring)
- 14) If you are not .....you can switch your seats with me.(helpful, possessive, attentive, comfortable)
- 15) The synonym of freedom.....(close, disturbance, liberty, avoid)



Que.2 Correct the sentences.

1) I will clean the house every Saturday. The house .....by me every Saturday. (cleaned, will cleaned, will be cleaned, none of the above)

2) This must not happen again.....you will be dismissed.

(or, but, and, so)

3) French people love cooking .....the English don't seem very interested.

(when, whenever, where, whereas)

4) With the change of .....Different meanings can be expressed. (pitch, voice accent, sounds)

5) Nostalgia is to anticipation as.....is to.....

Which one the following options maintain a similar logical relation in the above sentences?  
(future.....future, present.....future, past.....future, past.....present)

6) "Tense" is a grammatical category that applies to.....(Verb, adjectives, noun, pronoun)

7) This cup of tea is \_\_\_\_\_ than that cup of coffee.

(Hater , hotter, hottest, hot)

8) This shirt is \_\_\_\_\_ shirt in the shop.( The expensivest , More expensive, Expensive , the most expensive)

9) Ahmed is 65 kg, and Ali is 50 kg, so Ahmed is \_\_\_\_\_ Ali. (heavier than, heavier than, as heavy as, heavier)

10) Rabbits are \_\_\_\_\_ than turtles. (slower, as fast as, faster, fasted)

Que.3) Summaries the following paragraph.

There is a big difference between playing to win and playing not to lose. When we play to win, we play with enthusiasm and commitment, whereas when we play not to lose, we are playing from a position of weakness. When we play not to lose, we are playing to avoid failure. We all want to win, but very few are prepared to pay the price to prepare to win. Winner's condition and commit themselves to winning. Playing to win comes out of inspiration, whereas playing not to lose comes out of desperation. There are no ideal circumstances. There will never be. To reach any where we cannot just drift, or lie at anchor. We need to sometimes sail with the wind and sometimes against it, but sail we must.

Ans:.....

.....  
.....  
.....  
.....  
.....

*Rayat Shikshan Sanstha's*  
**Abasaheb Marathe Arts & New Commerce, Science College, Rajapur**  
Dist.- Ratnagiri, 416 702 (MH)  
Year 2022-23

Department of English

Short Term Course :Proficiency in English Language

Attendance Sheets

Sr. No	Name of the student	Sign
1	Siddhi Vishwanath Karshingkar	<i>Siddhi Karshingkar</i>
2	Gitanjali Subhash Tambe	<i>Gitanjali Tambe</i>
3	Tanuja Vilas Karshingkar	<i>Tanuja Karshingkar</i>
4	Aishwarya Chandrakant Bane	<i>Aishwarya Bane</i>
5	Siddhi Santosh Mayekar	<i>Siddhi Mayekar</i>
6	Siddhi Chandrakant Tukarut	<i>Siddhi Tukarut</i>
7	Pranjal Jitendra Bhosale	<i>Pranjal Bhosale</i>
8	Ragini Parshuram Joshi	<i>Ragini Joshi</i>
9	Yamini Sandeep Bhivande	<i>Yamini Bhivande</i>
10	Anisha Anil Chalke	<i>Anisha Chalke</i>
11	Samita Shamu Jadyar	<i>Samita Jadyar</i>
12	Apurva Deepak Nalawade	<i>A. D. Nalawade</i>
13	Ankita Vijay Bavkar	<i>A. V. Bavkar</i>
14	Kadambari Bhaskar Satope	<i>Kadambari Satope</i>
15	Mrunmayee Ashok Mandavkar	<i>M. A. Mandavkar</i>
16	Disha Vijay Pujari	<i>Disha Pujari</i>
17	Tanaya u. Deo	<i>T. V. Deo</i>
18	Karina S. Wareshi	<i>Karina Wareshi</i>
19	Vaibhavi V. Chipute	<i>Vaibhavi Chipute</i>
20	Akanksha Lata Sogam	<i>Akanksha Sogam</i>
21	Omkar Vishwanath Mandavkar	<i>Omkar Mandavkar</i>
22	Sevendra dhondu Manjarekar	<i>Sevendra Manjarekar</i>
23	Parth Prakash Masaye	<i>Parth Masaye</i>
24	Manish Santosh Arekar	<i>Manish Arekar</i>

25	Vishal Dattaram Raut	<del>P.R.</del>
26	Akash Anant Ghadi	<del>Gadi</del>
27	Prajyot Ramesh Patde	<del>P.R. Patde</del>
28	Mayur Sudesh Mayekar	M.S. Mayekar
29	Hardik Vijay Bane	<del>H.V. Bane</del>
30	Nikhil Balkrushana Kadam	<del>N.B. Kadam</del>
31	Piyush Ashok Chopde	<del>P.A. Chopde</del>
32	Rushikesh Sanjay Garate	<del>R.S. Garate</del>
33	Kaushal Keshav Dhangat	<del>K.K. Dhangat</del>
34	Pranay Pradip Chorge	P.P. Chorge
35	Pritam Ashok Kanjar	P.A. Kanjar
36	Yuvraj Rohidas Gurav	<del>Y.R. Gurav</del>
37	Vighnesh Vinayak More	<del>V.V. More</del>
38	Laki Vilas Dhumale	<del>L.V. Dhumale</del>
39	Durgesh S. Amberkar	<del>D.S. Amberkar</del>
40	Sujal Ramesh Harekar	<del>S.R. Harekar</del>
41	Jayesh Ramesh Dhopte	J.R. Dhopte
42	Tejas Prakash Kanere	T.P. Kanere
43	Pranali Sandip Sagvekar	<del>P.S. Sagvekar</del>
44	Rutuja Shreekrishna Jadhav	<del>R.S. Jadhav</del>
45	Vinayak Vilas Bodekar	<del>V.V. Bodekar</del>
46	Ganesh Sunil Kotharkar	<del>G.S. Kotharkar</del>
47	Adarsh Nandkumar Kamble	<del>A.N. Kamble</del>
48	Nitish Narayan Katkar	<del>N.N. Katkar</del>
49	Praful Ashok Jadhav	<del>P.A. Jadhav</del>
50	Prathmesh Kothare	P.V. Kothare
51	Roshan Manjalkar	R.R.M.
52	Nitish Deepak Bendre	N.D. Bendre
53	Shrutika V. Mandavkar	<del>S.V. Mandavkar</del>
54	Nalawade Nilam Vilas	<del>N.V. Nalawade</del>
55	Nikam Akshata Ashok	<del>N.A. Nikam</del>
56	Ravnak Mahesh Santosh	<del>M.S. Santosh</del>
57	Varak Sonali Ramechandra	S.R. Voraik
58	Kamble Payal Vilas	<del>P.V. Kamble</del>
59	Garate Sayli Anant <i>Sudhir</i>	<del>S.G. Garate</del>
60	Gurav Sanika Balkrushna	S.B. Gurav

*md*  
Coordinate Sign





Exam of Short-Term Course, Proficiency in English Language





Rayat Shikshan Sanstha's  
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur,  
Dist - Ratnagiri, 416 702 (MH)

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Annexure-II

Academic Audit Administrative Audit 2022-23

## **D2: Career Oriented Courses (COC) & Skill Development Courses**

- **Vermicomposting**



Rayat Shikshan Sanstha's

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**Course code: CV101**

**Certificate Course Name : Vermicomposting**

**Board of Studies (2022-2023)**

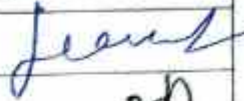


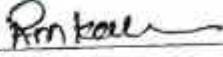

Sr. No	Name of the Persons	Designation
1	Dr. G.D. Harale (Principal)	Chairman
2	Dr. S. R. Mestry (Chairman, Short Term Course Committee)	Member
3	Dr. A. V. Bhawe (IQAC Coordinator)	Member
4	Miss. K.P. Aamkar (Head, Department of Zoology)	Member
5	Miss.M. Mulla (Course Coordinator)	Member

### **Minutes of Meeting**


The meeting of Board of Studies (BOS) for **Certificate Course in Vermicomposting** was held on Thursday 1<sup>st</sup> December, 2022 in the principal cabin. The following members were present for the meeting and points discussed in this meeting are given below.

1. Design of Syllabus framework.
2. Course implementation period.
3. Distribution of theory and practical work.
4. Fee structure.



Sr. No	Name of the Persons	BOS Member Sign
1	Dr. G.D. Harale (Principal)	
2	Dr. S. R. Mestry (Chaiman, Short Term Course Committee)	
3	Dr. A. V. Bhave (IQAC Coordinator)	
4	Miss. K.P. Amkar (Head, Department of Zoology, Expert)	
5	Miss. R. R. Mulla (Course Coordinator)	



  
Principal  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.



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**Department of Zoology**

**Certificate Course in**

**Vermicomposting**

**2022-23**





Rayat Shikshan Sanstha's

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**Course code: CV101**

**Certificate Course in Vermicomposting**

**2022-2023**

### **CERTIFICATE COURSE IN VERMICOMPOSTING**

Vermicomposting truly is nature's great disappearing act! Aristotle once said, "Worms are the Intestines of the Earth". Using worms to convert decomposing food waste into nutrient-rich fertilizer is simple, inexpensive, energy efficient, and a great way to teach students to become life-long recyclers. Vermicomposting technology is known throughout the world, albeit in limited areas.

It may be considered a widely spread, though not necessarily popular technology. As a process for handling organic residuals, it represents an alternative approach in waste management, in as much as the material is neither land filled nor burned but is considered a resource that may be recycled. In this sense, vermicomposting is compatible with sound environmental principles that value conservation of resources and sustainable practices.

Vermicomposting is akin to composting in that similar feedstock-organic residuals -are used. Both systems utilize microbial activity to break down organic matter in the moist, aerobic environment. Vermicomposting is however faster, produces fewer odors and produces a superior product. But vermicomposting requires greater surface area, more moisture, and is susceptible to heat, high salt levels, high ammonia levels, and substances that may be toxic to earthworms. Of the 4400 identified earthworm species, specific species of litter dwelling earthworms are required for this purpose.

Vermicomposting in developing countries could prove to be useful in many instances. Where accumulation of food wastes, paper, cardboard, agriculture waste, manures and biosolids is problematic, composting and vermicomposting offer potential to turn waste material into a

valuable soil amendment. In the past ten years an organization in India has promoted over 3,000 farmers and institutions to switch from conventional chemicals to the organic fertilizer, vermicompost. Vermiculture enables any scale or size of operation. Vermicompost is being used in over 1, 00,000 hectare cultivated area in almost all agro-climatic zones in India. Noted for its ability to increase organic matter and trace minerals in soil, vermiculture has been the primary focus at Maharashtra Agricultural Bioteks in India, an organization that has initiated both commercial and educational ventures to promote vermiculture.

### **Aims and Objective:**

- Students will be able to compost in a limited space and describe the decomposing process.
  - The interested students will get the knowledge of composting,
  - Students will get the employment.
  - They can generate employments.
  - They will also turn towards organic farming,
  - Will help to maintain the environment pollution free and will get the knowledge of biodiversity of local earthworms.
- 
- **The detail of the course is as follows:**
  - **Focus:** To convert unwanted, organic matter, particularly food scraps and paper into fertile soil.
  - **Name of the course:** Certificate Course in Vermiculture and Vermicomposting
  - **Level:** Certificate
  - **Stream:** Science or any stream
  - **Subject:** Vermiculture/ vermicompost
  - **Eligibility criteria** 10+2
  - **Duration:** 1 months (5 weeks)
  - **Language:** English/Marathi
  - **Intake:** 15 seats
  - **Fees:** Free
  - **Selection /Admission Criteria:** First come first serve
  - **Academic calendar for the course:** Four days in a week (3days theory periods & 1day practical)
  - **Available infrastructure:** Well equipped laboratory, small & large scale vermiculture units
  - **Teaching Staff:** Qualified, Experienced Guest Lecturers will be invited.

- **Non teaching staff:** One lab attendants.
- **Examination structure & schedule:** At the end of course the examination will be conducted. Its notice & time table will be displayed for communication to the students at least before 15 days of the date of examination.
- 1. Course VT-01 Theory paper (objective/short answer type) = 50marks, Two hours duration.
- 2. Course VT-02 Practical paper =50 marks, two hours duration
  
- **Marking scheme & Award of grades:** Average of the marks obtained in each paper will be calculated as:  $50+50+100/2 = 50$ ;
- i) 8-10 marks = 1point, C' grade – pass;
- ii) 10-20 marks = 2 points, B' grade; 4
- iii) 20-30 marks = 3points, B+ grade;
- iv) 30-40 marks = 4points, A' grade;
- v) 40-50 marks = 5points, A+ grade
- Award of Certificate carrying grades: after successful completion of course colorful certificate indicating grade will be awarded to the candidate.
  
- **Reservation:** NA



**Title of the Course: Certificate Course in Vermiculture and Vermicomposting**

**Theory Course VT -01**

**Theory 3 Credits**

Sr. No		15 Hrs
	<b>Unit - I</b> <b>General Vermiculture/ Vermicompost</b>	05 Hrs
1	Introduction to vermiculture. definition, meaning, history, economic important, their value in maintenance of soil structure, role as four r's of recycling reduce, reuse, recycle, restore	
2	Choosing the right worm. Useful species of earthworms. Local species of earthworms and Exotic species of earthworms.	
	<b>Unit - II</b> <b>Earthworm Biology and Rearing</b>	05 Hrs
1	Key to identify the species of earthworms.	
2	Biology of <i>Eisenia fetida</i> . a) Taxonomy Anatomy, physiology and reproduction of Lumbricidae. b) Vital cycle of <i>Eisenia fetida</i> :	
	<b>Unit-III</b> <b>Vermicompost Technology (Methods and Products)</b>	05 Hrs
1	Small Scale Earthworm farming for home gardens - Earthworm compost for home gardens	
2	Conventional commercial composting - Earthworm Composting larger scale	
3	Earthworm Farming (Vermiculture), Extraction (harvest), vermicomposting harvest and processing.	
4	Vermiwash collection, composition & use	
	<b>Practical Course – VT- 02</b> <b>Practical</b> <span style="float: right;">1 Credit</span>	15 hrs
1 a	Key to identify different types of earthworms	
1b	Study of Life stages & development of <i>Eisenia fetida</i>	
2	Study of Vermiculture, Vermiwash and Vermicompost equipments, devices	
3	Preparation of vermin-beds, maintenance of vermicompost & climatic conditions.	
4	Harvesting, packaging, transport and storage of Vermicompost and separation, Study of earthworms diseases & enemies	
5	Field trip- Collection of native earthworms & their identification	

- **Total periods in hrs** = Theory 05 hrs per unit x 3 units = 15hrs x 60 minutes =900 minutes+15 hrs for practical (i.e. 15x60 minutes =900 minutes); 900 + 900 =1800 minutes.
- **Duration:** 5 weeks – (3 lecture and 01 practical/ week)



- **Outcomes / Advantage of the Course & Future Prospects:**

1. Students can construct their own compost farm & thereby can get monthly income of Rs. 7000-8000.
2. Students/ farmers by using vermicompost in their field can increase the crop yield.
3. Students residing in cities can produce vermicompost in small scale for garden/household plants.
4. They can get the jobs in educational institutes as vermicompost/vermiculture technician.
5. The candidate can generate income by supplying verms, vermiwash, & vermicompost.
6. By developing & propagating vermicompost technology he/she will directly or indirectly help to prevent environmental pollution, by using vermicompost in the field & thereby increasing crop yield he will help to solve food problems.
7. It will lead towards organic farming & healthy food.
8. In today's world, recycling of garbage has become necessary in order to sustain our health and environment. So let's join for Four R's of Recycling Reduce, Reuse, Recycle, Restore i.e. certificate course in vermicompost technology.

- **Reference books:**

1. Bhatt J.V. & S.R. Khambata (1959) "Role of Earthworms in Agriculture" Indian Council of Agricultural Research, New Delhi
2. Dash, M.C., B.K.Senapati, P.C. Mishra (1980) " Verms and Vermicomposting" Proceedings of the National Seminar on Organic Waste Utilization and Vermicomposting Dec. 5-8, 1984, (Part B), School of Life Sciences, Sambalpur University, Jyoti Vihar, Orissa.
3. Edwards, C.A. and J.R. Lofty (1977) "Biology of Earthworms" Chapman and Hall Ltd., London.
4. Lee, K.E. (1985) "Earthworms: Their ecology and Relationship with Soils and Land Use" Academic Press, Sydney.
5. Kevin, A and K.E.Lee (1989) " Earthworm for Gardeners and Fisherman" (CSIRO, Australia, Division of Soils)
6. Rahudakar V.B. (2004). Gandul khatashivay Naisargeek Paryay, Atul Book Agency, Pune.
7. Satchel, J.E. (1983) "Earthworm Ecology" Chapman Hall, London.
8. Wallwork, J.A. (1983) "Earthworm Biology" Edward Arnold (Publishers) Ltd. London.



Rayat Shikshan Sanstha's

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**Course code: CV101**

**Certificate Course Name: Vermicomposting**

**Course Information**

**(2022-2023)**

**With Effect from 4<sup>th</sup> December 2022 to 28<sup>th</sup> February 2023**

Sr. No.	Certificate Course Name	Course Code	Year of Offering	No. of times offered during in the year	Duration of course	No. of students enrolled in year	No. of students completed the course in the year
1	Vermicomposting	CV101	2022-2023	1	4 <sup>th</sup> December 2022 to 28 <sup>th</sup> February 2023	15	15

*R.R. Mulla*

Course Coordinator

*Pinkell*

Head

Department of Zoology



*Jens*

Principal

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Rajapur Dist. Ratnagiri.



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Course code: CV101

Certificate Course Name: Vermicomposting

Lecture Time Table

(2022-2023)

With Effect from 5<sup>th</sup> December 2022 to 28<sup>th</sup> February 2023

Period No.	Time	Monday	Tuesday	Wednesday	Thursday
1	8:30 am to 9:20 am	CV Lecture	CV Lecture	CV Lecture	CV Practical

*R. B. Mulla*

Course Coordinator

*Ramkumar*

Head

Department of Zoology



*Jeeva*

Principal

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Course code: CV101

Certificate Course Name: Vermicomposting

Exam Time Table

(2022-2023)

Day and Date	Time	Paper Name
1 <sup>st</sup> April 2023 Saturday	12:00 pm to 1:00 pm	CV Theory Exam
3 <sup>rd</sup> April 2023 Monday	12:00 pm to 3:00 pm	CV Practical Exam

*RR Mulla*

Course Coordinator

*Rmkal*

Head

Department of Zoology

*Jays*

Principal  
A. M. A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.







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**Course Code: CV101**

**Certificate Course Name: Vermicomposting**

**Student Mark List**

**2022-2023**

Sr.No	Roll Number	Name of the Student	Theory Exam mark (out of 50)	Practical Exam mark (out of 50)	Total marks out of 100
1	2022FS01	Amberkar Suraj Vijay	40	40	80
2	2022FS02	Bahire Manasi Satish	42	41	83
3	2022FS03	Balbale TabindaFatima M.Naushad	46	45	91
4	2022FS04	Bawale pratiksha Rajendra	48	48	96
5	2022FS06	Borkar Mahvish Tabish	46	47	93
6	2022FS07	Chavan Sanket Subhash	43	45	88
7	2022FS08	Cheulkar Subodh Suresh	45	43	88
8	2022FS09	Joshi Sanjana Suresh	46	46	92
9	2022FS10	Kabiraj Riya Sarjit	46	47	93
10	2022FS17	Patel Manasi Nilesh	48	48	96
11	2022FS18	Pujari Nandini Rajan Revati	43	47	90
12	2022FS20	Shinde Shrutika Ravindra	44	48	92
13	2022FS21	Shirke Pranay Prakash	42	43	85





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**Course Code: CV101**

**Certificate Course Name: Vermicomposting**

**First Three Rankers**

**2022-2023**

Sr.No	Roll Number	Name of the Student	Theory Exam mark (out of 50)	Practical Exam mark (out of 50)	Total marks out of 100	Rank
1	2022FS04	Bawale pratiksha Rajendra	48	48	96	First
2	2022FS17	Patel Manasi Nilesh	48	48	95	First
3	2022FS06	Borkar Mahvish Tabish	46	47	93	Second
4	2022FS10	Kabiraj Riya Sarjit	46	47	93	Second
5	2022FS09	Joshi Sanjana Suresh	46	46	92	Third

*R.R. Mulla*  
Course Coordinator

*Rinku*  
Head  
Department of Zoology

*Jens*  
Principal  
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**Course Code: CV101**

**Certificate Course Name: Vermicomposting**

**Course Completion Report**

**2022-2023**

In the academic year 2022-2023 a certificate course in **Vermicomposting** has been newly introduced. In this course total 15 students were enrolled. It is decided that **Department of Zoology** will run this course in free of cost. The course duration of this course was from 4<sup>th</sup> December, 2022 to 28<sup>th</sup> February, 2023. This course was successfully run by the Department of Zoology. All 15 students were successfully completed the certificate course in Vermicomposting. The List of students who completed this successfully is given below.

Sr.No	Roll Number	Name of the Student	Remark
1	2022FS01	Amberkar Suraj Vijay	Completed
2	2022FS02	Bahire Manasi Satish	Completed
3	2022FS03	Balbale TabindaFatima M.Naushad	Completed
4	2022FS04	Bawale pratiksha Rajendra	Completed
5	2022FS06	Borkar Mahvish Tabish	Completed
6	2022FS07	Chavan Sanket Subhash	Completed
7	2022FS08	Cheulkar Subodh Suresh	Completed
8	2022FS09	Joshi Sanjana Suresh	Completed

9	2022FS10	Kabiraj Riya Sarjit	Completed
10	2022FS17	Patel Manasi Nilesh	Completed
11	2022FS18	Pujari Nandini Rajan Revati	Completed
12	2022FS20	Shinde Shrutika Ravindra	Completed
13	2022FS21	Shirke Pranay Prakash	Completed
14	2022FS23	Sogam Pranay Dipak	Completed
15	2022FS26	Takale Shubhangi Vasant Sharada	Completed

*R. R. Mulla*  
Course Coordinator

*Rmkol*  
Head  
Department of Zoology

*Jain*  
Principal  
A. M. A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.







7	CheulkarSubodh Suresh	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar
8	Joshi Sanjana Suresh	S.S.joshi	S.S.joshi	S.S.joshi	S.S.joshi	S.S.joshi	S.S.joshi	S.S.joshi	S.S.joshi	S.S.joshi	S.S.joshi	S.S.joshi
9	Kabiraj Riya Sarjitt	Kabiraj	Kabiraj	Kabiraj	Kabiraj	Kabiraj	Kabiraj	Kabiraj	Kabiraj	Kabiraj	Kabiraj	Kabiraj
10	Patel ManasiNilesh	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel
11	Pujari NandiniRajanRevati	Pujari	Pujari	Pujari	Pujari	Pujari	Pujari	Pujari	Pujari	Pujari	Pujari	Pujari
12	ShindeShrutikaRavindra	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
13	ShirkePranay Prakash	ABSENT	Shirke	Shirke	Shirke	Shirke	Shirke	Shirke	Shirke	Shirke	Shirke	Shirke
14	SogamPranay Dipak	Dogam	Dogam	Dogam	Dogam	Dogam	Dogam	Dogam	Dogam	Dogam	Dogam	Dogam
15	TakaleShubhangi Vasant Sharada	Takale	Takale	Takale	Takale	Takale	Takale	Takale	Takale	Takale	Takale	Takale



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Principal  
A. M. A. & N. C. S. College  
Rajapur, Dist. Ratnagiri.

*Handwritten signature*  
Course Coordinator





7	CheulkarSubodh Suresh	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar	S.S.cheulkar
8	Joshi Sanjana Suresh	S.S. Joshi	S.S. Joshi	ABSENT	S.S. Joshi	S.S. Joshi	S.S. Joshi	S.S. Joshi	S.S. Joshi	S.S. Joshi	S.S. Joshi	S.S. Joshi
9	Kabiraj Riya Sarjit	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya
10	Patel ManasiNilesh	Patel..	Patel..	Patel..	Patel..	Patel..	Patel..	Patel..	Patel..	Patel..	Patel..	Patel..
11	Pujari NandiniRajanRevati	Pujari	Pujari	Pujari	Pujari	Pujari	Pujari	Pujari	Pujari	Pujari	Pujari	Pujari
12	ShindeShrutikaRavindra	Sshinde	Sshinde	Sshinde	Sshinde	Sshinde	Sshinde	Sshinde	Sshinde	Sshinde	Sshinde	Sshinde
13	ShirkePranay Prakash	Pranay	Pranay	Pranay	Pranay	Pranay	Pranay	Pranay	Pranay	Pranay	Pranay	Pranay
14	SogamPranay Dipak	Sogam	Sogam	Sogam	Sogam	Sogam	Sogam	Sogam	Sogam	Sogam	Sogam	Sogam
15	TakaleShubhangi Vasant Sharada	Takale	Takale	Takale	Takale	Takale	Takale	Takale	Takale	Takale	Takale	Takale

R.R.Mulla  
Course Coordinator



Jean  
Principal  
A.M.A. & W.P.S. College  
Rajapur, Dist. Ratnagiri.





7	CheulkarSubodh Suresh	S.S.Cheulkar	S.S.Cheulkar	S.S.Cheulkar	S.S.Cheulkar	S.S.Cheulkar	S.S.Cheulkar	S.S.Cheulkar
8	Joshi Sanjana Suresh	S.S.Joshi	S.S.Joshi	S.S.Joshi	S.S.Joshi	S.S.Joshi	S.S.Joshi	S.S.Joshi
9	Kabiraj Riya Sarjit	RiYa	RiYa	RiYa	RiYa	RiYa	RiYa	RiYa
10	Patel ManasiNilesh	Patel	Patel	Patel	Patel	Patel	Patel	Patel
11	Pujari NandiniRajanRevati	Pujari	Pujari	Pujari	Pujari	Pujari	Pujari	Pujari
12	ShindeShrutikaRavindra	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
13	ShirkePranay Prakash	Pranay	Pranay	Pranay	Pranay	Pranay	Pranay	Pranay
14	SogamPranay Dipak	Pranay	Pranay	Pranay	Pranay	Pranay	Pranay	Pranay
15	TakaleShubhangi Vasant Sharada	Shubh	Shubh	Shubh	Shubh	Shubh	Shubh	Shubh

**B.R.Mulla**  
Course Coordinator



**Principal**  
A.M.A. & N.C.S. College  
Rajapur, Dist. Ratnagiri.