

*“ Sheel, Sharir, Adhyayan ”*  
*Aundh Shikshan Mandal, Aundh*



*Raja Shripatrao*  
*Bhagawantrao*  
*Mahavidyalaya, Aundh.*  
*(Satara)*

*Add on Courses*  
*Add on Programme*

**2019-2020-A**

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## 1. Medicinal and Aromatic Plants



**RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH.**  
**SUMMARY REPORT OF PROGRAM /CERTIFICATE/ADD ON COURSE**

Date: 5/3/2020

To

The Principal,

R.S.B.Mahavidyalaya, Aundh.

Respected Sir,

I am submitting Summary Report of Certificate Course. Please accept it.

1. Name of Certificate /Add on Course: Medicinal And Aromatic Plants

2. Duration of Course : From 1/9/2019 to 29/2/2020 Total Days: 180

3. Number of Enrolled Students: 19

4. Name of Coordinator: Prof. Kalekar D.G.

5. Name of Resource Persons: 1. Shri. Sanap P.B. 2. Prof. Humdar P.H. 3. Prof. Nimbekar S.M

6. Objectives of the Course:

1. To identify Regional Plants
2. To study medicinal uses of Plants
3. To study various conservation Methods of Plants

7. Outcome of the Course:

1. Identified Regional Plants
2. Studied medicinal uses of Plants
3. Studied various conservation Methods of Plants

  
Course Coordinator

  
**17C PRINCIPAL**  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)



**राजा श्रीपतराव भगवंतराव महाविद्यालय,औध(सातारा)**  
(कला व विज्ञान)

पत्रांक: ५५/२०१९  
दिनांक: २०/१०/२०१९

श्री,  
भा.प्र.संघालकांसो,  
आजीवन अध्यक्ष व विस्तार विभाग,  
शिवाजी विद्यापीठ,कोल्हापूर.

विषय: मुंगरी व औपवी वनस्पती या निरतर शिक्षण अभ्यासक्रम (६ यॉटने काळापवी) सुरु करणेबाबत....  
संदर्भ: एसयु/वीएलएलएम/२२३४/दि.२१.०८.२०१९ चे पत्र

प्रति,  
आपला विश्वासू,

आपला संस्थीय पत्रान्वये आगम्य महाविद्यालय आख्या विभागामार्फत मुंगरी औपवी वनस्पती या निरतर शिक्षण अभ्यासक्रम (६ यॉटने काळापवी) औपवी /ऑक्टोबर २०१९ पासून सुरु करण्यास मान्यता मिळाली आहे. या अभ्यासक्रमा चालता एकुण २० विद्यार्थ्यांनी प्रवेश घेतला असून त्याचे शुल्क खालीलप्रमाणे जमा करित आहे.

| क्र.सं.    | वर्णना  | विद्यार्थी संख्या | रक्कम (रु.) |
|------------|---|-------------------|-------------|
| १          | प्रेक्षणीक शुल्क (२० एकडे प्रमाणे प्रत्येकी रु. /-) | २०                | ४०००        |
| २          | प्रवेश शुल्क रु. २५/-                               | २०                | ५००         |
| ३          | शिवाजी विद्यापीठ संपटना शुल्क रु. २५/- प्रमाणे      | २०                | ५००         |
| ४          | साहित्य शुल्क रु. /- प्रमाणे                        | --                | --          |
| एकूण रक्कम |   |                   | ५०००        |

वरील प्रमाणे एकूण रक्कम रु. ५०००/- (अक्षरी रु. पाच हजार फक्त) वी. डी. चे (वित्त व लेखाधिकारी, शिवाजी विद्यापीठ,कोल्हापूर) यांच्या नावने जग करित आहे. सोंबत विद्यार्थ्यांची दर्शनाद्वय मांडणे वेळापत्रक तज्ञ व्यक्तीच्या संयोजक सोबत जोडली आहे.  
धन्यार्थे.

आपला विश्वासू,

*(Signature)*

दि ११/१०/१९  
- दि. ११/१०/१९  
- दि. ११/१०/१९

*(Signature)*

O/c

*(Signature)*

श्रीमती (डॉ.) सुमन क. बोरु  
 वी.एन.एम.ए.ए.डी.टी.पी.ई.पी.एच.टी.  
 Dr. (Smt.) Suman K. Boru,  
 V.N.M.A.A.D.T.P.I.E.P.H.T.I.  
 W. DIRECTOR & HEAD



शिवाजी विद्यापीठ, कोल्हापूर - ४१६००४  
 ज्ञानोन्नत अद्ययन व विस्तार विभाग  
 SHIVAJI UNIVERSITY, KOLHAPUR - 416 004  
 DEPARTMENT OF LIFELONG LEARNING &  
 EXTENSION

संख्या/विभाग/वर्ग No 5336 -

दि २१/०८/२०१९

21 AUG 2019

श्री,  
 सा.प्रशासक/संचालक,  
 राजा श्रीधरराव भवनसंराव महाविद्यालय,  
 औरी.

विषय :- सुगंधी व जीवशी जनस्पती अभ्यासक्रम (६ महिने कालावधी) सुरु करण्याबाबत

माहिती/संकेत,

आपण सांगणी केल्याप्रमाणे ज्ञानोन्नत अद्ययन व विस्तार विभागासर्षित आपणाला सुगंधी व जीवशी जनस्पती अभ्यासक्रम (६ महिने कालावधी) सुरु करण्यास मान्यता देण्यात आली आहे तरी आतील जाहीरी पुरतः करून घेण्या वरत सुरु करण्याबाबत जाहीराती सुरु करावी.

१. प्रवेश अर्जासोबत शैक्षणिक पात्रताच्या दाखल्याची संपादन जोडून प्रवेश अर्ज आपल्याकडे देऊन
२. वर्षात ८० टक्के उपस्थिती असणाऱ्या विद्यार्थ्यांबाबत परीक्षेस बसता येईल
३. अभ्यासक्रमाचा शिवायप्रमाणे वेळी व प्राथमिक तारा देण्यात येईल
४. सुरुवात वर्ग दि. ०३ सप्टेंबर, २०१९ पासून सुरु होणे आवश्यक आहे
५. अभ्यासक्रमाचा कालावधी ३० ऑगस्ट, २०१९ ते फेब्रुवारी, २०२० या कालावधीमध्ये आयोजित करण्यात येता. तसेच या अभ्यासक्रमाची परीक्षा फेब्रुवारी / मार्च २०२० मध्ये देण्यात येईल
६. शाहीरदत्तसोबत जमा होणाऱ्या शैक्षणिक शुल्काच्या २० टक्के शुल्क (रु. १,०००/- च्या प्रमाणात) अर्जासोबत प्रवेश शुल्क प्रत्येकी रु. २५/- व मागील विद्यार्थी संघटना शुल्क प्रत्येकी रु. २५/- या प्रमाणे या, वित्त व लेखाधिकारी, शिवाजी विद्यापीठ, कोल्हापूर यांच्या नावे डी. डी. कडून जमा विद्यार्थीद्वारे बँक खात्यावर दि. २६ सप्टेंबर, २०१९ पर्यंत भरून देण्यात येणे पालन करावे. (विद्यार्थी परिषदक रु. शिवाजी वि. / जमा स्वीकृती / दि. २०/०७/२०१७ अन्वये बँके सरकार व विद्यापीठ अनुदान आयोगाच्या निर्देशानुसार शिवाजी विद्यापीठाने कोणतेय प्रणाली अंगिकरली आहे तसेच रोख परक्याची स्वीकारली आहे. या परिषदाबाबत नमुद केल्याप्रमाणे सूचनांचे पालन करून शुल्क भरण्याबाबत जाहीराती करावी.)
७. विद्यार्थ्यांची पर्यायशिल (इंग्रजी/मराठी) तसेच अनुकृती, अनुकृती, विमुक्त भटक्या जगाची या संदर्भाचा उल्लेख करून घादी व वेळापत्रक तसेच शिक्षकांची नावे व पर्यायशिल आदी (सोबत जोडलेल्या विहित नमुनात) विभागाकडे पाठवून घ्यावी.
८. प्रवेशवेळी दिलेल्या विद्यार्थ्यांच्या यादीबाबत नंतर कोणताही बदल करणे... वेगळी नाही. किंवा एका विद्यार्थ्यांच्या नावा ऐकून, दुसऱ्या विद्यार्थ्यांच्या नावाचा समावेश करता येणार नाही.
९. या विद्यार्थ्यांनीची प्रवेश अर्जावर सन्मानंतरचे नाव नमुद केले आहे. त्यांनी या अर्जासोबत विवाह नोंदणीचा दाखला, सप्टेंबर प्रतिज्ञापत्र अथवा राजपत्राप्रमाणे (Gazetted) नोंद करून त्याची सहासहीत प्रत सोबत जोडली.
१०. अभ्यासक्रमाचे रिकॉर्ड - सहाय्याची नोंदी स्वतंत्रपणे देण्यात आणे विद्यापीठ... (अर्जा केल्यास सहाय्यी पुरतः करावी)
११. विभागाच्या निवडामधे पालन होत नाही असे निदर्शनास आल्यास आपल्याला जखम... सुरु करण्याबाबत दिलेली मान्यता कडून आर्तः जाईल
१२. वरत सुरु करण्याबाबत कि... व दिवस अगोदर विभागात येऊन जाहीरणे आवश्यक

18,  
 20/8/2019  
 K. K. Kalekar, J. K.

Handwritten signature

१३. सर्वे वारंती, प्रमाण अधिकारी, विद्यार्थी वगैरे मान्यता व उत्तर कार्यंच्या तपशीलवादी सोबत जोडलेले आर्थिक प्रारूप पट्टेनुसार प्रत्येकीच्या मान्यतेने योग्य ठीक कार्यवाही करावी.
१४. या अभ्यासक्रमाच्या माहिती पत्रकाची (Prospectus) योग्य ठीक शुल्क भरून (₹. ५०/- प्रत्येकी) त्या व्यतिरिक्त प्रवेश अर्जाबरोबर प्रवेश देण्यात येणारा पत्राची माहिती वगैरे विद्यार्थी संस्थेच्या प्रमाणानुसार ही ही नोंद घ्यावी वगैरे एकत्रित अर्जा करून शिक्षणी विद्यापीठ कॅम्पुस (स्टोअर्स, अॅन्डिक्स् बिल्डींग, वगैरे) येथे देण्यात येऊन कराव्यात.
१५. अभ्यासक्रमास सुरु करणाऱ्यासाठी किमान १० विद्यार्थी संख्या आवश्यक आहे.
१६. सर्व प्रवेशकार मा. आचार्य / संचालक यांच्या स्वीकृतीने कराव्यात याबाबत.
१७. वारंती सोबतच व योग्य ठीक कामकाजाची पुरवठा नसल्यास कोणत्याही काळातचही स्वीकर केला जाणार नाही याची नोंद घ्यावी.
१८. अभ्यासक्रमाचे शुल्क विद्यापीठात जमा करणाऱ्यापुढी जाहीरित अर्थसंगणक व विद्यार्थी विभागातही नोंद घ्यावी व त्यास जोडून देऊन अनुक्रमेण ५ मार्चला सुटनेनुसार शुल्क विद्यापीठाच्या प्रशासकीय इमारतीमार्फत जमा वहीपुढी विभागात (सोयी नं. १०३) कार्यालयीन वेळेत जमा करून घ्यावी याची नोंद घ्यावी वगैरे आवश्यक आहे. याबाबत जमा घ्यावयाची एक प्रत व सर्व अनुसंधान कार्ये विद्यार्थी संस्थेत जमा करावी.
१९. अभ्यासक्रमास पूर्ण आल्यानंतर परीक्षा देण्यापुढी विद्यार्थ्याकडे विहित केलेले परीक्षा शुल्क भरणे आवश्यक आहे. तसेच परीक्षा देण्यापुढी विद्यार्थ्याकडे त्याबाबत किमान १५ दिवस अगोदर लेखी बळविणे आवश्यक आहे. (या अभ्यासक्रमाची परीक्षा साधारणतः फेब्रुवारी / मार्च, २०२० मध्ये देण्यात येईल.)
२०. या अभ्यासक्रमाच्या परीक्षेबाबत वेळापत्रकात बदल करण्यात येणार नाही हे प्रवेशवेळी विद्यार्थ्यांच्या निदर्शनास आणवे.

आपण दिलेल्या साहाय्यीकृत आभारी आहे आणि याबाबत आपला सल्लाच महत्वाचा मिळवा. ही नोंद घ्यावी.

अपती विभागात



(टीमटी (डॉ.) सुमन दुदा)  
प्र.संचालक व विभागाध्यक्ष

- नोंद : १. अभ्यासक्रमास सुरु करायच्या पत्राचा नोंद घ्यावी  
२. प्रवेश नमुना तसेच  
३. आर्थिक प्रारूप







## Medicinal and Aromatic plants- 2019-20 English Translation Copy

To,  
The Principal,  
Raja Shripatrao Bhagwantrao Mahavidyalaya,  
Aundh.

Subject: About starting courses in Medicinal and Aromatic plants (6 months period).

Sir,

As per your request the Department of Lifelong Learning and Extension Medicinal and Aromatic plants (6 months duration) has been sanctioned to start course. Start the course with following steps.

1. Collect the application form along with the attested copy of the educational qualification certificate.
2. Only students with 80% attendance in the class can sit for the exam.
3. Theory and practical should be taken as given in the syllabus.
4. The class must start September 3, 2019.
5. The duration of the course is to be conducted from December 2017 to February 2018. The examination of this course will be held in February / March 2018.
6. Fee paid to the college (Rs. 750 / - 500 / -500 / -) Respectively) 20% of the tuition fee and the Rs. 25 / - entrance fee and Rs. 25 / - alumni association fees each deposited in the name of Hon'ble Finance and Accounts Officer, Shivaji University, Kolhapur. Deposit it in the bank account of the university upto 26th September 2019 (As per University Circular No. Shivaji University / Deposit Acceptance / - Dated 20/07/2019 Cashless system by Shivaji University as directed by Government and University Grants Commission cash is not accepted due to acceptance. Instructions as mentioned in this circular Follow up and pay the fee.)
7. With student's address (English / Marathi) as well as Scheduled Caste, Scheduled Tribes, VimuktaBhatkyaJamati List by mentioning the category as well as list with names and addresses of teachers (along with as per attached book form) should be sent to the department.
8. The name in the list of students given at the time of admission will not be changed later.
9. Those students have mentioned their name after marriage on the admission form, they got married with the admission form Certificate of registration, affidavit on stamp paper or self-attested copy of the same in Gazette should be attached.



10. Course records, credit-expenditure records should be kept separately and as requested by the University it should be fulfilled.
11. If it is observed that the rules of the department are not being followed, you start the course the approval given for course will be withdrawn.
12. The department must be informed in writing at least 7 days before the commencement of the class.
13. Principal should be taken appropriate action with the approval of the according to the financial draft attached the details of experts, project officers, peon remuneration and other expenditure
14. By paying the appropriate fee for the prospectus of this course (e.g. Rs. 5 / - Rs.10 / -, Rs. 25 / -, Rs. 50 / - each) for admission only on the application form Statement Shivaji University pays DD or cash amount according to the number of students consumer stores should be located at Annex Building.
15. A minimum of 10 students is required to start the course.
16. In all correspondence it should be done with the signature of the principal / director.
17. Insufficient information and proper documentation will not be accepted.
18. Before depositing the course fee in the university, with the consent of Department of Lifetime Studies and Extension, you can deposit the fee in the University building (Room No. 107) during office hours. Submit a copy of paid receipt and document of course to the department.
19. It is necessary to pay the prescribed examination fee to the department before taking the examination after completion of the course. Also, before taking the exam, you need to inform the department at least 15 days in advance (Examination of this course will be held generally in February / March, 2019.)
20. During Admission notify to the students that, there will not be change in the examination schedule of this course

Thank you for your cooperation and look forward to your continued participation.

Yours sincerely,  
(Mrs. (Dr.) Suman Buva)  
Director

Enclosure:

1. Performa of course
2. Sample Category Table
3. Financial Performa



**I/C PRINCIPAL**  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)



RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH

TAL-KHATAV DIST-SATARA

CERTIFICATE COURSE IN सुगंधी व औषधी वनस्पती

Duration 6 Months Department of Chemistry 2019-20



COURSE TIMETABLE

| DAY      | TIME            |
|----------|-----------------|
| TUESDAY  | 3.30 TO 4.30 PM |
| THURSDAY | 3.30 TO 4.30 PM |
| SATURDAY | 3.30 TO 4.30 PM |

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RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH

TAL-KHATAV DIST-SATARA

CERTIFICATE COURSE IN सुगंधी व औषधी वनस्पती

Duration 6 Months Department of Chemistry 2019-20

RESOURCE PERSON



| SR.NO | NAME                          | QUALIFICATION | COLLEGE             |
|-------|-------------------------------|---------------|---------------------|
| 1     | Shri Sanap Prasad Bhauso      | Msc Agri      | RB Jr.college Aundh |
| 2     | Shri Inamdar Arun Bhaichandra | Msc B.Ed      | RB Jr.college Aundh |
| 3     | Shri Moholkar Suhan Mohan     | Msc B.Ed      | RSBM Aundh          |

## 5. Medicinal and Aromatic plants

### Objectives:

- Identification of medicinal plants of the region
- To study medicinal uses of these plants.
- To study various conservation methods.

Distribution of the course is given in the table below per week. (12 hrs/1 Practical's per week)

(organization of study tour is mandatory)

| Course Fees | Administration | 250  |
|-------------|----------------|------|
|             | Admission      | 125  |
|             | Tuition        | 1000 |
|             | Examination    | 200  |

### Syllabus:

Duration of course - 120 hours  
 Theory - 100 hours, 80 hours  
 Practical - 20 hours - 20 lectures + 20 + 60 hours  
 Training - 20 hours maximum (1 day)

### Internal Evaluation

The marking of internal evaluation will be as given below:

- i) Home assignment - 6 marks
- ii) Practical Tests - 5 marks
- iii) Seminars - 5 marks
- iv) Group discussion - 5 marks

Total - 20 marks

### Minimum Qualification: 100 Marks

Medium of study - The medium for exams must be in English language.

### Internal Evaluation -

The strategy of internal evaluation will be as given below:  
 i) Home assignment - 6 marks



- ii) Periodical tests - 5 marks
- iii) Seminars - 5 marks
- iv) Group discussion - 5 marks

Total - 20 marks

### Paper - 1

Identification, Classification, medicinal and aromatic plants their constituents.

Unit 1: Systematic study of medicinal aromatic plants. (15 marks)

A) Central account of medicinal & aromatic plants & their importance. (5)

B) Classification & morphological study of following medicinal plants. (10)

1. Madhu Amla
2. Aloe Vera
3. Adulared ayurveda
4. Welbena seedlings
5. Theophrastus and his
6. Medicines

### Unit 2 -

Phyto-chemical analysis of medicinal plants

A) Classification of crude drugs on the basis of their parts (stem, root, leaves etc)

B) Macro & microscopically characters of crude drugs (the medicinal plants locally available).

C) Proximate analysis & estimation of any compound herbal drug.

### Paper - 2

Conservation & collection of medicinal aromatic plants.

### Unit - 1

- 1) Methods of cultivation (in vitro & in situ)
- 2) Conservation methods in medicinal plant propagation.
- 3) Nursery techniques (Use of Sericulture water & disease management)
- 4) Seed bank.

Unit - 2: Approved methods for medicinal & aromatic plant cultivation.

- 4) Tissue culture techniques
- 5) Medicines & Chemicals technology

Total - 20

*(Handwritten signature)*

**Feedback**

1. Microscopic studies of medical & anatomical plants (40 per student) 5
2. Histology preparation 5
3. Histology of 100 medical plants (40 per student) 5
4. Micro-organisms from soil, water, air, plants, insects, human and domestic and street of any live 5
5. Analysis of adulterant (Nutrient & Apatomy, morphological & chemical analysis) 5
6. Nutrient technology - testing, coating & storage 5
7. Medicinal plant collection, pre-planting, pre-tiling, planting & reporting 5
8. Conservation of any two medicinal plants in garden 5
9. Study leaf - report to be submitted 5
10. Submission: Study of any two medicinal & aromatic plants. Project report 10
11. Work experience (theory) 10

**6 Month - Course Work**

- ▶ Theory - Paper (A & B) - 100 marks
- ▶ Practical - 50 marks
- ▶ Internal Examinations - 20 marks
- ▶ Project reports - 10 marks

**Total - 100 marks**



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**6. Radio Jockey**

**Aim And Objective :**

1. To understand the phenomena of modulation.
  2. To understand the type of modulation.
  3. To get knowledge of how to modulate.
  4. To understand modulation: PCM, VSB, AM, FM, etc.
  5. To find out the job opportunity in this field.
1. Duration : 3 Months ( 50 sessions of each of 90 minutes)
  2. Eligibility : B.A.C. Pass who has not yet completed
  3. Intake Capacity : Unrestricted
  4. Course Fees :
    - ▶ Admission - 150
    - ▶ Amount - 200
    - ▶ Tuition - 5000
    - ▶ Examination - 2000

16. Subjects :
17. History of radio, VLA technology and new services, Broadcasting code
18. Radio channel characteristics, Types & Organization of R.F. Radio
19. Required for R.F. Role of ground knowledge and awareness.
20. Radio format - AM, FM and Types of charging & radio Programme Programming of format.
21. Scripting for radio : Language, Jargon, Writing for (Hindi, English and vernacular).
22. Scripting for radio : Speech writing, Interviewing techniques, Use modulation.
23. Using voice for radio : Speech writing, Interviewing techniques, Use modulation.
24. Using microphone - use and care.
25. Presentation : articulation and speech techniques : Presentation skills.
26. Developing style : Body language and speech : Use of Hindi and English.
27. Responsibility of radio and radio jockey: Developing style and techniques for Indian music, Western music, Pop music, Folk music, Film music, album, Maintenance of studio.





RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH  
DEPARTMENT OF CHEMISTRY  
COURSE NAME – FRAGRANT AND AYURVEDIK PLANT STUDIES - 2019-20

Enrolled list of Students

| Sr. No. | Name Of Students            | Signature    |
|---------|-----------------------------|--------------|
| 1       | Bagal Raju Shankar          | R.S. Bagal   |
| 2       | Bhise Sangram Madhukar      | S.M. Bhise   |
| 3       | Bhosale Suraj Ramchandra    | Bhosale      |
| 4       | Chavan Sharad Gangaram      | Chavan       |
| 5       | Dalavi Swapnil Vikas        | Swapnil      |
| 6       | Gaikwad Aditya Santosh      | Gaikwad      |
| 7       | Gaikwad Vaishnavi Salivahan | Gaikwad      |
| 8       | Gharge Aashish Hanmant      | Gharge       |
| 9       | Inamdar Shubham Shrikant    | Inamdar      |
| 10      | Ingale Shivam Ramesh        | Ingale       |
| 11      | Ingale Vishal Dinkar        | V.S. Ingale  |
| 12      | Jadhav Chaitanya Jitendra   | Jadhav       |
| 13      | Jagdale Mayur Uttam         | M.V. Jagdale |
| 14      | Kulkarni Adesh Anil         | Kulkarni     |
| 15      | Kulkarni Suresh Sunil       | Kulkarni     |
| 16      | Mulani Ajaruddin Kabir      | Mulani       |
| 17      | Patole Sunil Hanuman        | S.P. Patole  |
| 18      | Sarnobat Swapnil Manohar    | Sarnobat     |
| 19      | Thorat Dhruj Ramchandra     | Thorat       |

Course Coordinator

I/C PRINCIPAL

Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)

**RAJA SHRI PATRAO BHIGWANTRAO MAHAVADYALAYA, AUNDH**  
**DEPARTMENT OF CHEMISTRY**  
**COURSE NAME - FRAGRANT AND AYURVEDIC PLANT STUDIES**

Attendance Sheet

| Sr. No. | Name Of Students           | 6/19                  | 7/19                  | 14/19                 | 20/19                 | 21/19                 | 27/19                 | 28/19                 | 7/10                  | 11/10                 | 18/10                 |
|---------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1       | Bogal Raju Shankar         | P. Bogal              | P. Bogal              | P. Bogal              | P. Bogal              | P. Bogal              | P. Bogal              | P. Bogal              | P. Bogal              | P. Bogal              | P. Bogal              |
| 2       | Bhise Saugram Madhukar     | S. Bhise              | S. Bhise              | S. Bhise              | S. Bhise              | S. Bhise              | S. Bhise              | S. Bhise              | S. Bhise              | S. Bhise              | S. Bhise              |
| 3       | Bhusele Suraj Ramchandra   | S. Bhusele            | S. Bhusele            | S. Bhusele            | S. Bhusele            | S. Bhusele            | S. Bhusele            | S. Bhusele            | S. Bhusele            | S. Bhusele            | S. Bhusele            |
| 4       | Charan Sharan Gangaram     | G. Charan             | G. Charan             | G. Charan             | G. Charan             | G. Charan             | G. Charan             | G. Charan             | G. Charan             | G. Charan             | G. Charan             |
| 5       | Dahvi Swapnil Vikas        | S. Dahvi              | S. Dahvi              | S. Dahvi              | S. Dahvi              | S. Dahvi              | S. Dahvi              | S. Dahvi              | S. Dahvi              | S. Dahvi              | S. Dahvi              |
| 6       | Gaikwad Aditya Santosh     | B. Gaikwad            | B. Gaikwad            | B. Gaikwad            | B. Gaikwad            | B. Gaikwad            | B. Gaikwad            | B. Gaikwad            | B. Gaikwad            | B. Gaikwad            | B. Gaikwad            |
| 7       | Gaikwad Vaishnavi Sahvahan | <del>V. Gaikwad</del> | <del>V. Gaikwad</del> | <del>V. Gaikwad</del> | <del>V. Gaikwad</del> | <del>V. Gaikwad</del> | <del>V. Gaikwad</del> | <del>V. Gaikwad</del> | <del>V. Gaikwad</del> | <del>V. Gaikwad</del> | <del>V. Gaikwad</del> |
| 8       | Gharge Asishch Hanuman     | <del>A. Gharge</del>  | <del>A. Gharge</del>  | <del>A. Gharge</del>  | <del>A. Gharge</del>  | <del>A. Gharge</del>  | <del>A. Gharge</del>  | <del>A. Gharge</del>  | <del>A. Gharge</del>  | <del>A. Gharge</del>  | <del>A. Gharge</del>  |



COURSE COORDINATOR





**RAJA SHRIDPATRAO BHGAWANTRAO MAHAVIDYALAYA, AUNDH**  
**DEPARTMENT OF CHEMISTRY**  
**COURSE NAME - FRAGRANT AND AROMATIC PLANT STUDIES**

Attendance Sheet

| Sr. No. | Name Of Students             | 19/10/19 | 22/11/19 | 25/11/19 | 28/11/19 | 29/11/19 | 01/12/19 | 02/12/19 | 03/12/19 | 05/12/19 |
|---------|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1       | Bagal Raju Shankar           | PS Bagal | PS Bagal | PS Bagal | PS Bagal | PS Bagal | PS Bagal | PS Bagal | PS Bagal | PS Bagal |
| 2       | Bhise Sangam Madhukar        | SM Bhise | SM Bhise | SM Bhise | SM Bhise | SM Bhise | SM Bhise | SM Bhise | SM Bhise | SM Bhise |
| 3       | Bhosale Suraj Rameshchandra  | SBhosale | SBhosale | SBhosale | SBhosale | SBhosale | SBhosale | SBhosale | SBhosale | SBhosale |
| 4       | Chavan Shantad Gaeguram      | Chavan   | Chavan   | Chavan   | Chavan   | Chavan   | Chavan   | Chavan   | Chavan   | Chavan   |
| 5       | Dahvi Swapnil Vikas          | SDahvi   | SDahvi   | SDahvi   | SDahvi   | SDahvi   | SDahvi   | SDahvi   | SDahvi   | SDahvi   |
| 6       | Galkwad Aditya Santosh       | BGalkwad | BGalkwad | BGalkwad | BGalkwad | BGalkwad | BGalkwad | BGalkwad | BGalkwad | BGalkwad |
| 7       | Galkwad Vishalravi Salfalhan | VGalkwad | VGalkwad | VGalkwad | VGalkwad | VGalkwad | VGalkwad | VGalkwad | VGalkwad | VGalkwad |
| 8       | Charge Anishish Harmanant    | Charge   | Charge   | Charge   | Charge   | Charge   | Charge   | Charge   | Charge   | Charge   |

  
 COURSE COORDINATOR





**RAJA SHRIPATRAO BHIGWANTRAO MAHAVIDYALAYA, AUNDH**  
**DEPARTMENT OF CHEMISTRY**  
**COURSE NAME - FRAGRANT AND AYURVEDIC PLANT STUDIES**

Attendance Sheet

| Sr. No. | Name Of Students            | 2/11/20  | 4/11/20  | 10/11/20 | 17/11/20 | 24/11/20 | 25/11/20 | 7/12/20  | 8/12/20  | 15/12/20 | 6/1/20   |
|---------|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1       | Bajjal Raju Shankar         | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  |
| 2       | Bhise Sangram Madhukar      | 5 m. Abs | 5 m. Abs | 5 m. Abs | 5 m. Abs | 5 m. Abs | 5 m. Abs | 5 m. Abs | 5 m. Abs | 5 m. Abs | 5 m. Abs |
| 3       | Bhosale Suraj Ramchandra    | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   |
| 4       | Chavan Sharda Gaurangam     | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   |
| 5       | Dalavi Swapnil Vikas        | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   |
| 6       | Gaikwad Aditya Santosh      | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   |
| 7       | Gaikwad Valsaravi Saliabhan | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   |
| 8       | Chharge Aashish Hanmant     | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   | Absent   |

  
 Course Coordinator



डॉ. (सौ.) सुमन क. बुवा  
Dr. (Smt.) Suman K. Buwa,  
1. DIRECTOR & Head



शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४  
अजीवन अध्यापन व विस्तार विभाग,  
SHIVAJI UNIVERSITY, KOLHAPUR - 416 004  
DEPARTMENT OF LIFELONG LEARNING AND  
EXTENSION.

सुवा/संघालक/

दि 10/02/2020

मी,

प्रचारक / संघालक,

|   |                            |     |   |
|---|----------------------------|-----|---|
| 1 | बालवंत कलेज, विटा          | L-२ | राजा श्रीमन्तराव भगवंतराव महाविद्यालय, जोध                |
| 1 | शिवान वीर महाविद्यालय, वाई | ४   | महोदयी बयाबाई श्रीमन्तराव कदम कन्या महाविद्यालय कोल्हापूर |

विषय : सुवाची व जोषधी वनस्पतीची जोडस व संघर्षान अध्यासक्रम परीक्षेच्या वेळापत्रक व बैठक कक्षाबाबत.

महोदय / महोदय,

अजीवन अध्यापन व विस्तार विभागामार्फत सुवाची व जोषधी वनस्पतीची जोडस व संघर्षान अध्यासक्रम सप्टेंबर २०१९ पासून सुरू करण्यात आला आहे. हाक अध्यासक्रमाची परीक्षा दि. १२ मार्च, २०२० ते दि. १३ मार्च, २०२० या कालावधीमध्ये घेण्यात येणार आहे. त्याची वेळापत्रक खालीलप्रमाणे आहे.

| वार      | दिनांक     | वेळ                    | विषय      |
|----------|------------|------------------------|-----------|
| सुधवार   | १२/०३/२०२० | स. १२.०० ते दु. ०२.००  | पेपर क. १ |
| शुक्रवार | १३/०३/२०२० | दु. १२.०० ते दु. ०२.०० | पेपर क. २ |

परीक्षा वेळापत्रक उपसंचालिका, शिक्षक व सर्व विद्यार्थींनी याबाबत निर्दर्शनाने ज्ञापने, अद्यतन परीक्षा कक्षा वर परीक्षा शुल्क भरणे यंत्रणे वर परीक्षा शुल्क संबंधित विद्यार्थ्यांकडून रुपये २००/- ज्यात कसबत घ्यावी. एखादी प्रत्येकी रु. ५०/- प्रमाणे (२० टांके शुल्क) आपल्याकडे देऊन घ्यावी व उर्वरित परीक्षा शुल्क रु. १५०/- प्रमाणे (१०० टांके परी) रोस. मा. मिला व जेसवधिकारी, शिवाजी विद्यापीठ, कोल्हापूर यांच्या नांव ही ही काढून आपण विद्यापीठाच्या बँक खात्यावर सुधवार दि. २९/०२/२०२० पर्यंत हे शुल्क विभागाकडे पाठविण्यात यावे. तसेच परीक्षा संबंधित नेमण्याची आपला प्रतिनिधी मा. विभागात सुधवार दि. ११/०३/२०२० रोजी सुधारी १२.०० नंतर पाठविण्यात यावे.

138  
10/02/2020

आपली विश्वासू

(श्रीमती डॉ. सुमन बुवा)

प्र. संघालक व विभागप्रमुख

Tel. : (Office) (0231) 2609151, (i/c. Director) (0231) 2609150, Mobile - 9011801514

E-mail : jrc@unishivaji.ac.in, skbuwa@ymail.com

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डॉ. (सुमती) सुमन कृ. बुवा  
Dr. (Smt.) Suman K. Buwa,  
B.A., B.L., B.A.L., D.P.L., P.H.D.  
DIRECTOR & Head



शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४  
आजीवन अध्यापन व विस्तार विभाग  
SHIVAJI UNIVERSITY, KOLHAPUR - 416 004  
DEPARTMENT OF LIFELONG LEARNING AND  
EXTENSION.

## शिवाजी विद्यापीठ, कोल्हापूर

आजीवन अध्यापन व विस्तार विभाग

सुगंधी व औषधी वनस्पतीची ओळख व संवर्धन अभ्यासक्रम परीक्षा (मार्च - २०२०)

| अ.क्र. | माहाविद्यालय / संस्थेचे नाव                                 | विद्यार्थी संख्या | परीक्षा बैठक क्रमांक |
|--------|---|-------------------|----------------------|
| १.     | बळवंत कॉलेज, विटा   | १४                | १ ते २०              |
| २.     | राजा श्रीपतराव भगवंतराव माहाविद्यालय, औंध                   | २०                | २१ ते ४०             |
| ३.     | किसन वीर माहाविद्यालय, नाई                                  | २५                | ४१ ते ६०             |
| ४.     | मातोश्री बयाबाई श्रीपतराव कदम दत्तया माहाविद्यालय, कव्हेगाव | १०                | ६१ ते १००            |

प्र. संचालक व विभागप्रमुख

Tel.: (Office) (0231) 2609151, (Ev. Director) (0231) 2609150, Mobile - 9011001514

E-mail : [gen@puhv.ac.in](mailto:gen@puhv.ac.in), [shbuwa@gmail.com](mailto:shbuwa@gmail.com)

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|   |  |   |
|---|--|---|
| <br>"Sheet, Shanti, Adhyayan"<br>University<br>Aff/F.2/New College/6695,<br>Dt. 14-09-1994 | राजा श्रीपतराव भगवंतराव महाविद्यालय,औंध<br>(सातारा) दुरवाडी - ४२११२०२९९<br>(कला व विज्ञान) दुरवाडी - ४२११२०२२२ |   |
|   | M.S. Govt.<br>NGC/3594/7356-ME-3, Dt.<br>5-9-1994  | वेबसाईट<br>श्रीमंत मायजीदेवी भगवंतराव परतपतिपिठी<br>राणीसाहेब, औंध<br>Web-site - <a href="http://www.rajanibhagwanrao.org">www.rajanibhagwanrao.org</a> |
| सहाय्यी सं. बी.बी. जगत साहेब M.A.M.Phil. Ph. D.<br>मा. क. सजीवम / ११७५ / ३२११-२०  | संपर्कसं. - 9921297920<br>दिनांक - १३ / ०३ / २०२०  |   |

प्रति,  
 मा. प्र. संचालक व विभागप्रमुख  
 आजीवन अध्ययन व विस्तार विभाग,  
 शिवाजी विद्यापीठ, कोल्हापूर

विषय :- " सुगंधी व औषधी वनस्पती " हा अभ्यासक्रमाच्या उल्लेखिका स्विकारणेबाबत

महोदय,

आमचे महाविद्यालयात आपल्या विभागाबाबत " सुगंधी व औषधी वनस्पती " हा अभ्यासक्रम घालविला जातो. त्याची परीक्षा दि. १२ व १३ मार्च २०२० रोजी संपन्न झाली आहे. सदर परीक्षांच्या उल्लेखिका आपल्या कार्यालयास घ्यावीलप्रमाणे सादर करित आहे.

| अ.क्र. | तपशिल                             | विद्यार्थी संख्या |
|--------|-----------------------------------|-------------------|
| १      | सुगंधी व औषधी वनस्पती पेपर क्र. १ | १९                |
| २      | सुगंधी व औषधी वनस्पती पेपर क्र. २ | १९                |

तरी कृपया त्याचा स्विकार व्हावा ही विनंती.

दिनांक ३१ - ३३३, ३३३०

आजीवन अध्ययन व विस्तार विभाग  
 शिवाजी विद्यापीठ, कोल्हापूर.

*J. J. J.*  
 16/03/20

*J. J. J.*

आपला विश्वासू,

*R. J. J.*  
 P.O. MUNICIPAL

*J. J. J.*

RAJA SHRIPATRAO BHAGAWANTRAO MAHAVIDYALYA AUNDH

FRAGRANT AND AYURVEDIK PLANT STUDIES

सुगंधी व औषधी वनस्पती

Course Work Marks



| Sr. No. | Exam No. | Name Of Student              | Practical | Internal Experience | Project Report | Internal Evaluation |
|---------|----------|------------------------------|-----------|---------------------|----------------|---------------------|
|         |          |                              | Out Of 50 | Out Of 20           | Out Of 10      | Out Of 20           |
| 1       | 21       | BAGAL RAJU SHANKAR           | 42        | 15                  | 8              | 16                  |
| 2       | 22       | BHISE SANGRAM MADHUKAR       | 43        | 13                  | 8              | 16                  |
| 3       | 23       | BHOSALE SURAJ RAM/HANDRA     | 41        | 14                  | 7              | 14                  |
| 4       | 24       | CHAVAN SHARAD GANGARAM       | 42        | 15                  | 8              | 16                  |
| 5       | 25       | DALAVI SWAPNE, VIRAS         | 40        | 13                  | 8              | 16                  |
| 6       | 26       | GAIKWAD ADITYA SANJUSHI      | 43        | 12                  | 7              | 14                  |
| 7       | 27       | GAIKWAD YASHANAVI SHALIVAHAN | 42        | 14                  | 8              | 16                  |
| 8       | 28       | GHARGE ASHISH HANMANT        | 41        | 15                  | 8              | 16                  |
| 9       | 29       | INAMDAR SHUBHAM SHRIKANT     | 43        | 13                  | 8              | 16                  |
| 10      | 30       | INGALE SHIVAM RAMESH         | 42        | 14                  | 7              | 14                  |
| 11      | 31       | INGALE VISHAL DINKAR         | 40        | 14                  | 8              | 14                  |
| 12      | 32       | JADHAV CHATTANYA JITENDRA    | 39        | 13                  | 8              | 14                  |
| 13      | 33       | JAGDALE MAYUR UTTAM          | 42        | 14                  | 8              | 14                  |
| 14      | 34       | KULKARNI ADISH ANIL          | 43        | 15                  | 7              | 16                  |
| 15      | 35       | KULKARNI SURESH SUNIL        | 42        | 15                  | 8              | 16                  |
| 16      | 36       | MULANI AZRUDDIN KABIR        | 40        | 14                  | 8              | 16                  |
| 17      | 37       | PATOLE SUNIL HANMANT         | 41        | 14                  | 8              | 14                  |
| 18      | 38       | SARNOBAT SWAPNE MANOHAR      | 42        | 15                  | 7              | 14                  |
| 19      | 39       | THORAT DIBRAJ RAMESH/HANDRA  | 39        | 14                  | 8              | 14                  |

  
 C.D. G. Kulkarni  
 course coordinator



  
 I/C PRINCIPAL  
 Raja Shripatrao Bhagwantrao  
 Mahavidyalaya, Aunth (Satara)



SHIVAJI UNIVERSITY, KOLHAPUR

Bank Receipt

Receipt No. 25/2022  
 Receipt Date 08/11/2022  
 The above sum THE PRINCIPAL RATA SHRIWATKAL  
 BHAGWANIMAU MAHARISHI AYA AARISH  
 Deposit to Rs. Dr. J. B. L. Lax "Group" University  
 Mode of Pay By Cash  
 Drawee Bank SHRIWATKAL

| Sr. No.     | Particulars               | Budget       | Amount   |
|-------------|---------------------------|--------------|----------|
| 1.          | Payable to Principal Rata | Rs. 25,000/- | 25,000/- |
| Total (Rs.) |                           |              | 25,000/- |

Payment 100% (100%) (100%) (100%) (100%) (100%)

P. J. MALHOTRA

Department Copy

Authorised Signatory

Note: This Receipt is subject to the realization of Cheques



Handwritten signature and lines

RAJA SHIRIPATRAO BHIGAWANTRAO  
MAHAVIDYALAYA, AUNDH  
DEPARTMENT OF CHEMISTRY  
COURSE NAME – FRAGRANT AND AYURVEDIK  
PLANT STUDIES



| Sr. No. | Name Of Students            | Exam Seat No. |
|---------|-----------------------------|---------------|
| 1       | Bagal Raju Shankar          | 21            |
| 2       | Bhise Sangram Madhukar      | 22            |
| 3       | Bhosale Suraj Ramchandra    | 23            |
| 4       | Chavan Sharad Gangaram      | 24            |
| 5       | Dalavi Swapnil Vikas        | 25            |
| 6       | Gaikwad Aditya Santosh      | 26            |
| 7       | Gaikwad Vaishnavi Salivahan | 27            |
| 8       | Gharge Aashish Hanmant      | 28            |
| 9       | Inamdar Shubham Shrikant    | 29            |
| 10      | Ingale Shivam Ramesh        | 30            |
| 11      | Ingale Vishal Dinkar        | 31            |
| 12      | Jadhav Chaitanya Jitendra   | 32            |
| 13      | Jagdale Mayur Uttam         | 33            |
| 14      | Kulkarni Adesh Anil         | 34            |
| 15      | Kulkarni Sudesh Sunil       | 35            |
| 16      | Mulani Ajaruddin Kabir      | 36            |
| 17      | Patole Sunil Hanmant        | 37            |
| 18      | Sarnobat Swapnil Manohar    | 38            |
| 19      | Thorat Dhiraj Ramchandra    | 39            |

140719 = 2660/

9/

9/

Shankar

140719 = 2660/

## RAJA SHRIPATRAO BHAGAWANTRAO MAHAVIDYALYA AUNDHA

## FRAGRANT AND AYURVEDIK PLANT STUDIES

सुगंधी व औषधी वनस्पती

## Course Work Marks



| r.N<br>o. | Exam<br>No | Name Of Student              | Practical | Internal<br>Experience | Project<br>Report | Internal<br>Evaluation |
|-----------|------------|------------------------------|-----------|------------------------|-------------------|------------------------|
|           |            |                              | Out Of 50 | Out Of 20              | Out Of 10         | Out Of 20              |
| 1         | 21         | HAGAL RAJU SHANKAR           | 42        | 15                     | 8                 | 16                     |
| 2         | 22         | DHISE SANURAM MADHUKAR       | 43        | 13                     | 8                 | 16                     |
| 3         | 23         | DHONAJI DHIRAJ RAMCHANDRA    | 41        | 14                     | 7                 | 14                     |
| 4         | 24         | CHAVAN SHARAD GANGARAM       | 42        | 15                     | 8                 | 16                     |
| 5         | 25         | DALAVI SWAPNIL VIKAS         | 40        | 13                     | 8                 | 16                     |
| 6         | 26         | GAIKWAD ADITYA SANTOSHJI     | 43        | 12                     | 7                 | 14                     |
| 7         | 27         | GAIKWAD VASHANAVI SHALIVAHAN | 42        | 14                     | 8                 | 16                     |
| 8         | 28         | GHARGE ASHISH HANMANT        | 41        | 15                     | 8                 | 16                     |
| 9         | 29         | DNAMDAR SHUBHAM SHRIKANT     | 43        | 13                     | 8                 | 16                     |
| 10        | 30         | INGALE SHIVAM RAMESH         | 42        | 14                     | 7                 | 14                     |
| 11        | 31         | INGALE VISHAL DINKAR         | 40        | 14                     | 8                 | 14                     |
| 12        | 32         | JADHAV CHAITANYA JITENDRA    | 39        | 13                     | 8                 | 14                     |
| 13        | 33         | JAGDALE MAYUR UTTAM          | 42        | 14                     | 8                 | 14                     |
| 14        | 34         | KULKARNI ADESH ANIL          | 43        | 15                     | 7                 | 16                     |
| 15        | 35         | KULKARNI SUDESH SUNIL        | 42        | 15                     | 8                 | 16                     |
| 16        | 36         | MULANI AZRUDDIN KABB         | 40        | 14                     | 8                 | 16                     |
| 17        | 37         | PATOLE SUNIL HANMANT         | 41        | 14                     | 8                 | 14                     |
| 18        | 38         | SARNOBAT SWAPNIL MANOHAR     | 42        | 15                     | 7                 | 14                     |
| 19        | 39         | TICHAT DHIRAJ RAMCHANDRA     | 39        | 14                     | 8                 | 14                     |





GOVERNMENT OF MALDIVES  
Ministry of Health

Account No: 10000  
Invoice Date: 2024/07/10  
Received From: SRI PICAL PPA, RAJA SHEHAIKAO  
KULUWANTHAKO MALDIVES LAYLA AUNOH  
No. 1, 28/11 Street, Dhoni  
Department: Health Services  
Mode of Inv: Cash  
Deposit Ref. No: 100000  
Invoice Date: 2024/07/10  
Invoice No: 10000000000000000000



| Dr. No. / Particulars   | Budget  | Amount          |
|-------------------------|---------|-----------------|
| 1. 10000000000000000000 | 4,374.2 | 1,000.00        |
| <b>Total (Rs.)</b>      |         | <b>1,000.00</b> |

Goods / For: HEALTH SERVICES

equipment Copy

Authorized Signatory

note: This Receipt is subject to the realization of Cheque

RAJA SHRIPATIRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH.

TAL-KHATAV DIST-SATARA

CERTIFICATE COURSE IN सुगंधी व औषधी वनस्पती

Duration 6 Months. Department of Chemistry 2019-20



List of Admitted Students.

| Sr. No | NAME OF STUDENTS             | SEAT NO | CLASS   | CATEGORY |
|--------|------------------------------|---------|---------|----------|
| 1.     | Gaikwad vaishnavi shalivahan | 1.      | B.sc II | OPEN     |
| 2.     | Mulani ajaruddin kabit       | 2.      | B.sc II | OPEN     |
| 3.     | Ingale shivam Ramesh         | 3.      | B.sc II | OPEN     |
| 4.     | Gaikwad aditya santosh       | 4.      | B.sc II | OPEN     |
| 5.     | Thorat dhiraj ramchandra     | 5.      | B.sc II | OPEN     |
| 6.     | Bhosale suraj ramchandra     | 6.      | B.sc II | OPEN     |
| 7.     | Sarnobat swapnil manohar     | 7.      | B.sc II | OPEN     |
| 8.     | Bhise sangram madhukai       | 8.      | B.sc II | SC       |
| 9.     | Chavan sharad gangoram       | 9.      | B.sc II | OPEN     |
| 10.    | Dalvi swapnil vikas          | 10.     | B.sc II | OBC      |
| 11.    | Patole sunil harimant        | 11.     | B.sc II | NT(A)    |
| 12.    | Jadhav chaitnya jitendra     | 12.     | B.sc II | OPEN     |
| 13.    | Ingale vishal dinkar         | 13.     | B.sc II | OPEN     |
| 14.    | Kulkarni adesh anil          | 14.     | B.sc II | OPEN     |
| 15.    | Kulkarni sudesh sunil        | 15.     | B.sc II | OPEN     |
| 16.    | Inamdar shubham srikant      | 16.     | B.sc II | OPEN     |
| 17.    | Bagal raju Shankar           | 17.     | B.sc II | OPEN     |
| 18.    | Gharge ashish harimant       | 18.     | B.sc II | OPEN     |
| 19.    | Golande vaibhav dattatray    | 19.     | B.sc II | NT(C)    |
| 20.    | jagdale mayur uttam          | 20.     | B.sc II | OPEN     |

## 2. Maintenance and Repair of Domestic Appliances



**RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH.**  
**SUMMARY REPORT OF PROGRAM /CERTIFICATE/ADD ON COURSE**

Date: 5/12/2019

To  
The Principal,  
R.S.B.Mahavidyalaya, Aundh.

Respected Sir,

I am submitting Summary Report of Certificate Course. Please accept it.

1. Name of Certificate /Add on Course: Maintenance & Repair of Domestic Appliances.

2. Duration of Course : From 1/9/2019 to 30/11/2019. Total Days:-90.

3. Number of Enrolled Students: 15

4. Name of Coordinator: Prof. Kokale R.G.

5. Name of Resource Persons: 1. Prof. Gajankar Rajesh 2. Prof. Namaware J.G.

6. Objectives of the Course:

1. To Teach How to repair Domestic Appliances
2. To introduce Electrical Domestic Appliances structure
3. To Train to students for difficulties in Electrical Domestic Appliances

7. Outcome of the Course:

1. Taught How to repair Domestic Appliances
2. Introduced Electrical Domestic Appliances structure
3. Trained to students for difficulties in Electrical Domestic Appliances

Course Coordinator

*h-7*  
Kokale R.G.

Principal  
*Shankar*  
I/C PRINCIPAL  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)

- 2019-20



राजा श्रीपतराव भगवंतराव महाविद्यालय, औंध(सातारा)  
(कला व विज्ञान)

Web: www.rajashripatraomahavidyalaya.org

Email: rajashri@rajashri.org

Address: Raja Shri Patrao Bhagwantrao Mahavidyalaya, Aundh, Dist. Satara, Maharashtra

Phone: 020-27777777

[संकेत संख्या: RAJASHRI/2019/20]

राजा श्रीपतराव भगवंतराव महाविद्यालय, औंध(सातारा) सातारा-४२२००२

क्र. सं. संशोधन: ११५ /२०१९-२०

दिनांक ६ एप्रिल २०१९

प्रति,

भा.प्र.संचालकसाथी,

जानकीवन अभ्यसन व विस्तार विभाग,

शिवाजी विद्यापीठ, कोल्हापूर.

विषय: Maintenance & repair of domestic appliances या निरंतर शिक्षण अभ्यासक्रम ३ महिने कालावधी) सुरु करणेबाबत....

संदर्भ: एसयु/टीव्हालएम/ दि. ०७.२०१९ चे पत्र

माहोदया,

उपरोक्त संदर्भीय पत्रांतर्गत आमच्या महाविद्यालयास आपल्या विभागाबाबत Maintenance & repair of domestic appliances या निरंतर शिक्षण अभ्यासक्रम (३ महिने कालावधी) ऑगस्ट /सप्टेंबर २०१९ पासून सुरु करण्यास मान्यता मिळाली आहे. या अभ्यासक्रमा करिता एसयु विद्यार्थ्यांनी प्रवेश घेतला असून त्यांचे शुल्क खातीलाप्रमाणे जमा करित आहे.

| अ.क्र      | वर्णना   | विद्यार्थी संख्या | रक्कम (रु.) |
|------------|--|-------------------|-------------|
| १          | द्वैधगिक शुल्क (२० टक्के प्रमाणे प्रत्येकी रु. /-) | १५                | १५००        |
| २          | प्रवेश शुल्क रु २५/-                               | १५                | ३७५         |
| ३          | साजी विद्यार्थी संघटना शुल्क रु २५/- प्रमाणे       | १५                | ३७५         |
| ४          | सहित्य शुल्क रु. /- प्रमाणे                        | --                | --          |
| एकूण रक्कम |  |                   | २२५०        |

बरोबर प्रमाणे एकूण रक्कम रु. २२५०/- (अक्षरी रु. दोन हजार दोनशे पन्नास) ही. बी. ने (वित्त व लेखाधिकारी, शिवाजी विद्यापीठ, कोल्हापूर यांच्या नावाने जमा करित आहे. खोबत विद्यार्थ्यांची वर्गानिहाय माहिती वेळापत्रक तज्ञ व्यक्तीच्या नांवासह सोबत जोडली आहे. कृपया.

आपला विश्वासू,

पदाध्यक्ष, महाविद्यालय, औंध, सातारा

११-१-१९

etc

Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh (Satara)  
 Certificate Course in : Maintenance & Repair of Domestic Appliances 2019 -20  
 DEPARTMENT OF PHYSICS  
 Student Enrolment list



| Sr. No. | Seat No | Name Of Students          | Class    | Sign.                  |
|---------|---------|---------------------------|----------|------------------------|
| 1       | 21      | Bandalkar Harshvardhan S. | B.Sc.-II | <i>H. S. Bandalkar</i> |
| 2       | 22      | Chavan Shriram A.         | B.Sc.-II | <i>Shriram</i>         |
| 3       | 23      | Deshmukh Vaishnavi M.     | B.Sc.-II | <i>Vaishnavi</i>       |
| 4       | 24      | Dharmadhikari Govind M.   | B.Sc.-II | <i>Govind</i>          |
| 5       | 25      | Gharge Priyanka .M,       | B.Sc.-II | <i>Priyanka</i>        |
| 6       | 16      | Gutugde Gouri D.          | B.Sc.-II | <i>Gouri</i>           |
| 7       | 27      | Gurau Tushar S.           | B.Sc.-II | <i>Tushar</i>          |
| 8       | 28      | Jadhav Nikil A.           | B.Sc.-II |                        |
| 9       | 29      | Kadam Shiyani S.          | B.Sc.-II | <i>K. S. S</i>         |
| 10      | 30      | More Shreyas L.           | B.Sc.-II | <i>More</i>            |
| 11      | 31      | Pawar Akshay D.           | B.Sc.-II | <i>Akshay</i>          |
| 12      | 32      | Pawar Priyanka T.         | B.Sc.-II | <i>Priyanka</i>        |
| 13      | 33      | Pawar Rutuja N.           | B.Sc.-II | <i>Rutuja</i>          |
| 14      | 34      | Pawar Maduri J            | B.Sc.-II | <i>Maduri</i>          |
| 15      | 35      | Suryawanshi Vrushali A.   | B.Sc.-II | <i>Vrushali</i>        |

*[Signature]*  
 Co-ordinator  
 Department of Physics  
 R.S.B.M. Aundh  
 Aundh.

*[Signature]*  
 Principal  
 I/C PRINCIPAL  
 R.S.B.M. Aundhtrao  
 Mahavidyalaya, Aundh (Satara)

Raja Shriprataprao Bhagwantrao Mahavidyalaya, Aurahi (Satara)  
 Certificate Course in : Maintenance & Repair of Domestic Appliances 2019 -20  
 DEPARTMENT OF PHYSICS

| Sr. No. | Name Of Students          | 7/4/19      | 13/4        | 14/4        | 28/4        | 21/5/2019   | 27/5/2019   | 28/5/2019   | 4/10/19     | 11/11/19    | 18/11/2019  |
|---------|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1       | Bandshkar Harshwardhan S. | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 2       | Chavan Shiram A.          | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 3       | Destimukh Valenaw M.      | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 4       | Dharmadhikari Govind M.   | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 5       | Gharge Priyanka M.        | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 6       | Gutugade Gouri D.         | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 7       | Gurau Tushar S.           | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 8       | Jadhav Nikil A.           | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 9       | Kadam Shivan S.           | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 10      | More Suresh L.            | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 11      | Pawar Ashay D.            | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 12      | Pawar Priyanka T.         | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 13      | Pawar Rutuja N.           | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |
| 14      | Pawar Madhuri J.          | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten | Handwritten |

(15) Suryawanshi Varhadh ~~Handwritten~~ ~~Handwritten~~ ~~Handwritten~~ ~~Handwritten~~ ~~Handwritten~~ ~~Handwritten~~ ~~Handwritten~~ ~~Handwritten~~ ~~Handwritten~~ ~~Handwritten~~ ~~Handwritten~~ ~~Handwritten~~

1.7  
 Department of Physics  
 R.S.S. Mahavidyalaya,  
 Aurahi.



**Raja Shivpatrao Bhagwanrao Mahavidyalaya, Auradh (Satara)**  
 Certificate Course in : Maintenance & Repair of Domestic Appliances 2019 -20  
 DEPARTMENT OF PHYSICS

| Sr. No. | Name of Students         | 14/02/19 | 21/02/19 | 01/03/19 | 08/03/19 | 15/03/19 | 22/03/19 | 29/03/19 | 05/04/19 | 12/04/19 | 19/04/19 | 26/04/19 | 03/05/19 | 10/05/19 | 17/05/19 |
|---------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1       | Bandekar Harshwardhan S. | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  |
| 2       | Chavan Shiram A.         | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  |
| 3       | Deshmukh Vaishnavi M.    | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  |
| 4       | Dharmadhikari Govind M.  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  |
| 5       | Gharge Priyanka M.       | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  |
| 6       | Gutugade Gourid D.       | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  |
| 7       | Gurau Tushar S.          | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  |
| 8       | Jadhav Nikhil A.         | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  |
| 9       | Kadam Shivam S.          | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  |
| 10      | More Shreyas L.          | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  |
| 11      | Pawar Akshay D.          | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  |
| 12      | Pawar Priyanka T.        | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  |
| 13      | Pawar Rutuja N.          | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  |
| 14      | Pawar Madhuri J.         | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  | Present  |

✓) Sonjayantoli Mahabaleshwar Science College, Sonjay, Satara





RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH

CERTIFICATE COURSE IN Maintenance & repair of domestic appliances



TIME TABLE YEAR-2019-20

| TIME      | MON | TUE | WED | THUR | FRI    | SAT     |
|-----------|-----|-----|-----|------|--------|---------|
| 2:35-3:35 |     |     |     |      | RGK/RG | IGN/R.G |

- 1) KOKALE R.G. (RGK)
- 2) NANVARE J.G. (IGN)
- ⇒ Gujarkar Rajesh.

co-ordinator



# SHIVAJI UNIVERSITY, KOLHAPUR

DEPARTMENT OF LIFE LONG LEARNING & EXTENSION

## STUDENT DATA

NAME OF THE COURSE - Maintenance & repair of domestic appliances

NAME OF THE COLLEGE - RAJA SHRI PATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH

PERIOD - FROM SEPT, 2018 TO NOV, 2019

| Sr.No. | Name of student          | Qualification | Centre Religion | Admission Fee | Student Allowance Fee | Tuition Fee |
|--------|--------------------------|---------------|-----------------|---------------|-----------------------|-------------|
| 1      | BANOLKAR HARSHWARDHAN S. | B.Sc.II       | N.T.II          | 25            | 25                    | 100         |
| 2      | CHAVAN SHRIDHAM A.       | B.Sc.II       | OPEN            | 25            | 25                    | 100         |
| 3      | DESHMUKH VAISHNAVI M.    | B.Sc.II       | OPEN            | 25            | 25                    | 100         |
| 4      | DHARMADHIKARI GOVIND M.  | B.Sc.II       | OBC             | 25            | 25                    | 100         |
| 5      | GHARGE PRIYANKA M.       | B.Sc.II       | OPEN            | 25            | 25                    | 100         |
| 6      | GHUTUGADE GOURI D.       | B.Sc.II       | N.T.C.          | 25            | 25                    | 100         |
| 7      | GURAV TUSHAR S.          | B.Sc.II       | OBC             | 25            | 25                    | 100         |
| 8      | JADHAV NIKHIL A.         | B.Sc.II       | OPEN            | 25            | 25                    | 100         |
| 9      | KADAM SHIVANI S.         | B.Sc.II       | OPEN            | 25            | 25                    | 100         |
| 10     | MORE SHREYAS L.          | B.Sc.II       | OPEN            | 25            | 25                    | 100         |
| 11     | PAWAR AKSHAY D.          | B.Sc.II       | OPEN            | 25            | 25                    | 100         |
| 12     | PAWAR PRIYANKA T.        | B.Sc.II       | OPEN            | 25            | 25                    | 100         |
| 13     | PAWAR RUTUJA N.          | B.Sc.II       | OPEN            | 25            | 25                    | 100         |
| 14     | PAWAR MADHURI J.         | B.Sc.II       | OPEN            | 25            | 25                    | 100         |
| 15     | SURKAWANSHI VRUSHALI A.  | B.Sc.II       | OPEN            | 25            | 25                    | 100         |

| S.C. |   |   | S.T. |   |   | VINT |   |   | NTB |   |   | NTC |   |   | N.T.D. |   |   | OBC |   |   | OPEN |   |    | TOTAL |   |    |   |   |   |
|------|---|---|------|---|---|------|---|---|-----|---|---|-----|---|---|--------|---|---|-----|---|---|------|---|----|-------|---|----|---|---|---|
| M    | F | T | M    | F | T | M    | F | T | M   | F | T | M   | F | T | M      | F | T | M   | F | T | M    | F | T  | M     | F | T  | M | F | T |
| 0    | 0 | 0 | 0    | 0 | 0 | 0    | 0 | 0 | 1   | 0 | 1 | 1   | 1 | 1 | 0      | 0 | 0 | 2   | 0 | 2 | 4    | 2 | 12 | 7     | 8 | 15 |   |   |   |

*[Signature]*  
COORDINATOR

*[Signature]*  
**T/C PRINCIPAL**  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)

# RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH

CERTIFICATE COURSE IN Maintenance & repair of domestic appliances

DURATION: - 3 MONTH

YEAR-2019-20



## LIST OF RESOURCE PERSON

\* KOKALE R.G.

R.S.B. MAHAVIDYALAYA, AUNDH

\*NANVARE J.G.

R.S.B. MAHAVIDYALAYA, AUNDH

\*RAJESH GUNJALKAR

SHRI SHIVAJI COLLEGE, VADUJ

CO ORDINATOR



\* Maintenance & Repairs of  
Electrical Domestic Appliances



A) Theory Syllabus

UNIT—I General Introduction about Electricity.

- Domestic Wiring System
- Hazards in Using Electrical Energy
- Precaution in Use of Electrical Energy
- Cause of Electrical Hazards
- Current leakage ii) Short circuiting ii) overloading.
- Safety Devices Used in Electrical Circuits:  
i) Electric fuse ii) Earthing the electrical appliances

UNIT – II Electrical Irons

- Introduction
- Types—Ordinary, Automatic
- Construction
- Working principle
- Common defects, causes, testing, repairing

UNIT-III Table Fan, Ceiling Fan

- Introduction
- Construction
- Working principle
- Common defects, causes, Testing, repairing.

UNIT - IV Tube Light

- Introduction
- Construction
- Circuit Diagram
- Working principle
- Common defects, causes, Testing, repairing.

B) Practical Syllabus

- Testing and repair of electrical iron- Ordinary.
- Testing and repair of electrical iron- Automatic
- Testing and repair of tube light.
- Testing and repair of table fan
- Testing and repair of ceiling fan.
- Dismantling and Reassembling of Electric Irons :

(As Preferred by Assessment)

**PATTERN OF THE EXAMINATION:-**

There is one theory paper and one practical paper. The details are as given below:

|                 |           |
|-----------------|-----------|
| Theory Paper    | 50 Marks  |
| Practical Paper | 50 Marks  |
| Total           | 100 Marks |



**STANDARD OF PASSING:-**

The student has to obtain at least 35 marks for passing.

**GRADING SYSTEM:-**

| Sr. No. | Marks Range  | Grade |
|---------|--------------|-------|
| 1       | 70 and above | A+    |
| 2       | 60 to 70     | A     |
| 3       | 50 to 60     | B     |
| 4       | 35 and 50    | C     |
| 5       | Below 35     | Fail  |

*S. Khandan*  
T/C PRINCIPAL  
Raja Shripatraso Bhagwantrao  
Malaviyadaya, Aundh (Satara)

डॉ. (श्रीमती) सुमन कृ. बुवा  
Dr. (Smt.) Suman K. Buwa  
B.A., M.A., B.A.E., B.P.E., Ph.D.  
In DIRECTOR & Head



शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४  
अजीवन अध्ययन व विस्तार विभाग,  
SHIVAJI UNIVERSITY, KOLHAPUR - 416 004  
DEPARTMENT OF LIFELONG LEARNING AND  
EXTENSION,

आप/ बीलाखर्च/

दि ०६/१३/२०१९

प्रति,

मा. प्राचार्य / संचालक,

| क्र.सं. | महाविद्यालयचे नाव                                       | परीक्षा बैठक क्रमांक |
|---------|---|----------------------|
| १       | मालोश्री बघाबाई श्रीधरराव कदम कन्या महाविद्यालय, कडेगाव | १ ते २०              |
| २       | राजा श्रीधरराव भगवंतराव महाविद्यालय, औंध                | २१ ते ४०             |
| ३       | सुधावती कॉलेज, फलटण                                     | ४१ ते ६०             |

विषय: मॅट्रिकल ऑपन रिपेअर्स ऑफ इंग्लिश ऑनलाइन-सेट (३ महिने) प्रमाणपत्र अभ्यासक्रमाच्या परीक्षेबाबत.

सदोप

अजीवन अध्ययन व विस्तार विभागामार्फत सन २०१४-१५ हा शैक्षणिक वर्षासाठी मॅट्रिकल ऑपन रिपेअर्स ऑफ इंग्लिश ऑनलाइन-सेट (३ महिने) हा विस्तार विभाग अभ्यासक्रम आपल्या महाविद्यालयात सुरू आहे. या अभ्यासक्रमाचा कोलाहली सप्टेंबर, २०१९ ते डिसेंबर, २०१९ हा आहे. या अभ्यासक्रमाची परीक्षा जानेवारी, २०२० मध्ये घेण्याचे प्रस्तावित आहे. सोबत पाठविलेले परीक्षा अर्ज विद्यार्थ्यांकडून दिलेल्या परीक्षा अर्जांकडूनच भरून घ्यावेत. परीक्षा शुल्क रु. २००/- पैकी ७० टक्के प्रमाणे रु. १४०/- शी शिवाजी विभागामध्ये मंगळवार दि. २४/१२/२०१९ पर्यंत पाठविल्यात यावेत. उर्वरित ३० टक्के परीक्षा शुल्कातून परीक्षा नियोजकता करीत अर्ज करावेत ही विनंती.

सज्जने

Dr. K. K. R. K.  
10/12

राजा श्रीधरराव भगवंतराव महा, औंध  
आयक रजि. नं.  
दिनांक: ०६/१२/१९  
संदर्भ क्र.

आपली विश्वासू

(श्रीमती डॉ. सुमन बुवा)  
प. संचालक व विभागाध्यक्ष

RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH  
CERTIFICATE COURSE IN- MAINTENANCE & REPAIR OF DOMESTIC APPLIANCES  
DEPARTMENT OF PHYSICS  
2019-20



| Sr. No. | Name of Student           | class    | Seat number |
|---------|---------------------------|----------|-------------|
| 1       | BANDALKAR HARSHVARDHAN S. | B.Sc. II | 21          |
| 2       | CHAVAN SHRIRAM A.         | B.Sc. II | 22          |
| 3       | DESHMUKH VAISHNAVI M.     | B.Sc. II | 23          |
| 4       | DHARMADHIKARI GOVIND M.   | B.Sc. II | 24          |
| 5       | GHARGE PRIYANKA M.        | B.Sc. II | 25          |
| 6       | GUTUGADE GOURI D.         | B.Sc. II | 26          |
| 7       | GURAV TUSHAR S.           | B.Sc. II | 27          |
| 8       | JADHAV NIKHIL A.          | B.Sc. II | 28          |
| 9       | KADAM SHIVANI S.          | B.Sc. II | 29          |
| 10      | MORE SHREYAS L.           | B.Sc. II | 30          |
| 11      | PAWAR AKSHAY D.           | B.Sc. II | 31          |
| 12      | PAWAR PRIYANKA T.         | B.Sc. II | 32          |
| 13      | PAWAR RUTUJA N.           | B.Sc. II | 33          |
| 14      | PAWAR MADHURI J.          | B.Sc. II | 34          |
| 15      | SURIYAWANSHI VRUSHALI A.  | B.Sc. II | 35          |

  
CO-ORDINATOR,  
R.S.B.M.AUNDH

  
PRINCIPAL  
R.S.B.M, AUNDH

Date: 11/09/2016 Page No: 1  
 Name of the Sr. Supervisor: Khatke R G  
 Total No. of A. B.s supplied to the Sr. Supervisor from: 7766 to 7780 Total: 15

| Sl. No. | No. of the Answerbooks supplied to the Candidates | Seat Number of the candidates to whom Answerbooks is given | Sr. No. | Sr. No. of the Answerbooks supplied to the Candidates | Seat Number of the candidates to whom Answerbooks is given |
|---------|---|--|---------|---|--|
| 1       | 7779  | 21   | 21      |   |  |
| 2       | 7778  | 22   | 22      |   |  |
| 3       | 7769  | 23   | 23      |   |  |
| 4       | 7775  | 24   | 24      |   |  |
| 5       | 7768  | 25   | 25      |   |  |
| 6       | 7766  | 26   | 26      |   |  |
| 7       | 7774  | 27   | 27      |   |  |
| 8       | 7776  | 28   | 28      |   |  |
| 9       | 7771  | 29   | 29      |   |  |
| 10      | ABSENT  | 30   | 30      |   |  |
| 11      | 7777  | 31   | 31      |   |  |
| 12      | 7770  | 32   | 32      |   |  |
| 13      | 7767  | 33   | 33      |   |  |
| 14      | 7773  | 34   | 34      |   |  |
| 15      | 7772  | 35   | 35      |   |  |
| 16      |   |  | 36      |   |  |
| 17      |   |  | 37      |   |  |
| 18      |   |  | 38      |   |  |
| 19      |   |  | 39      |   |  |
| 20      |   |  | 40      |   |  |



| Sl. No. | Sr. No. of the Answerbooks returned to the Sr. Supervisor From: _____ To: _____ | Sr. No. of the Answerbooks returned to the Sr. Supervisor From: _____ To: _____ | Sr. No. of the Answerbooks returned to the Sr. Supervisor From: _____ To: _____ | Sr. No. of the Answerbooks returned to the Sr. Supervisor From: _____ To: _____ |
|---------|---|---|---|---|
|         | 7780-01   |   |   |   |

Instruction: Sr. Supervisors are requested to fill in the statement (given overleaf) showing the number of Answerbooks supplied to each candidate at the time of the Examination.

Total No. of A. B.s returned to the Sr. Supervisor from: 7780 to - Total: 01

Sign of Sr. Supervisor

Sign of Sr. Supervisor





डॉ. (सीमती) सुमन कृ. बुवा  
Dr. (Smt.) Suman K. Buwa,  
B.A., B.L.S., B.A.G., B.P.E., B.G.D.  
IN DIRECTOR & Head



शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४  
अधीनस्थ अध्ययन व विस्तार विभाग,  
SHIVAJI UNIVERSITY, KOLHAPUR - 416 004  
DEPARTMENT OF LIFELONG LEARNING AND  
EXTENSION.

संख्य./शिवाजी/

दि. २६/०२/२०२०

प्रति,  
मा प्रियार्थी,

|   |   |
|---|---|
| १ | राजा श्रीधाराय भगवंतराय महाविद्यालय, औंध              |
| २ | महोदयी बयाबाई श्रीधाराय कदम कन्या महाविद्यालय, कडेगाव |
| ३ | मुद्योजी कॉलेज, फलटण                                  |

विषय: मेटेनन्स ब्रेव्ह रिपेअर्स ऑफ डोमेस्टिक अँड गार्डन-सेअर अर्थशास्त्रकडून अर्थात्तकडून परीक्षा प्रश्नपत्रिका व स्तर साहित्याबाबत -

महोदय,

अगत्या महाविद्यालयात निरंतर शिक्षण संपन्न असावे या अर्थशास्त्रकडून मार्च/एप्रिल, २०२० पासून सुरु झालेले परीक्षा ११-२-२०२० रोजी संपन्न झाले. या परीक्षासाठी साठील साहित्य पुरविल्यात येत असून ते संपन्न होण्यात आले.

१. प्रश्नपत्रिका (सीतबद्ध) - ०१
२. स्टेशनरी रिपोर्ट - ०२
३. पत्रिका रिपोर्ट - ०२
४. उत्तरपत्रिका

| अ. क्र. | महाविद्यालयाचे नाव                                    | पासून | पर्यंत | एकूण |
|---------|---|-------|--------|------|
| १       | राजा श्रीधाराय भगवंतराय महाविद्यालय, औंध              | ०१०६६ | ०१०८०  | १५   |
| २       | महोदयी बयाबाई श्रीधाराय कदम कन्या महाविद्यालय, कडेगाव | ०१०५१ | ०१०६५  | १५   |
| ३       | मुद्योजी कॉलेज, फलटण                                  | ०१०८१ | ०१०९५  | १५   |

सदरची परीक्षा शाळाबाहेर उत्तरपत्रिका, शिक्का उत्तरपत्रिका व प्राथमिक परीक्षा सुरु झाल्याबाबत जमा करावे.

आपली विश्वासू

(सीमती) (डॉ.) सुमन कृ. बुवा  
प्र. संचालक व विभागाध्यक्ष

Tel : (Office) (0231) 2609151, (Hr. Director) (0231) 2609150, Mobile - 9011001514

E-mail : [exam@shivaji.ac.in](mailto:exam@shivaji.ac.in), [skbuwa@gmail.com](mailto:skbuwa@gmail.com)

D:\Y S Buwa\Exam Letter 19-20.docx



SHRI CHHATRAPATI SAMBHAJI MAHARAJ VASTU SANGRAHALAYA  
Bank Receipt

Receipt No: 4089  
Receipt Date: 08/06/2018  
Received From: THE PRINCIPAL RAJA SHRIWATRAD  
BHADWANTRAD MAHARAJYALAYA ALUNDH  
Deposit in A/c: A/c - 1 (CC) Bank Shri Chhatrapati Sambhaji Maharaj Vastu Sangrahalaya  
Mode of int: O.D - Demand Draft  
Deposit Rec.No: 289421 Deposit Date: 08/06/2018  
Drawee Bank: BANK OF MAHARASHTRA



| Sl. No.            | Particulars             | Budget    | Amount         |
|--------------------|-------------------------|-----------|----------------|
| 1                  | Fees from courses under | A.Y. R. 2 | 2250.00        |
| <b>Total (Rs.)</b> |                         |           | <b>2250.00</b> |

Sum: TWO THOUSAND TWO HUNDRED FIFTY ONLY

Department Copy

M. S. K. R. N.  
Authorized Signatory

Note: This Receipt is subject to the realization of Cheque.

### 3. Aushadi Vanaspatici Olakh (Identificatio of Medicinal Plants)



**RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA-AUNDH.**  
**SUMMARY REPORT OF PROGRAM /CERTIFICATE/ADD ON COURSE**

Date: 1/5/2020

To

The Principal,

R.S.B.Mahavidyalaya,Aundh.

Respected Sir,

I am submitting Summary Report of Certificate Course. Please accept it

1. Name of Certificate /Add on Course: Aushadhi Vanaspati Olakh

2. Duration of Course : From 1/12/2019 to-28/2/2020 Total Days:-90

3. Number of Enrolled Students: 17

4. Name of Coordinator: Prof. Yadav U.A.

5. Name of Resource Persons: 1. Prof. Inamdar A..B. 2. Dr. Moholkar S.M.

6. Objectives of the Course:

1. To Create awareness about plants in the students
2. To Study use of medicinal Plants
3. To introduce Types of plants regionwise

7. Outcome of the Course:

1. Created awareness about plants in the students
2. Studied use of medicinal Plants
3. introduced Types of plants regionwise

  
Course Coordinator.

Principal

  
T/C PRINCIPAL  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)

राजा श्रीपतराव भंगवतराव महाविद्यालय, औरंग  
रॉटिफिकेट कोर्से इंग्रजी औषधी वनस्पतींची उणेळा

डिपार्टमेंट ऑफ बॉटनी

२०१२-१२०

| अ.नं. | नाव                   | वर्ग      | अनुक्रमांक |
|-------|-----------------------|-----------|------------|
| १     | धोरण्डे अनूता जयवंत   | बी.एससी.॥ | ५१         |
| २     | इंगळे नोर्मल रामचंद्र | बी.एससी.॥ | ५२         |
| ३     | इंगळे पूजा शांताराम   | बी.एससी.॥ | ५३         |
| ४     | जाधव शिवानी जानटेंव   | बी.एससी.॥ | ५४         |
| ५     | जाधव सुजाता घटकान्त   | बी.एससी.॥ | ५५         |
| ६     | जगताप पूजा विनोद      | बी.एससी.॥ | ५६         |
| ७     | कदम पूजा राजाराम      | बी.एससी.॥ | ५७         |
| ८     | कदम पूलम रमेश         | बी.एससी.॥ | ५८         |
| ९     | कुंभार गौरी कृष्णात   | बी.एससी.॥ | ५९         |
| १०    | कुंभार गीता राजेंद्र  | बी.एससी.॥ | ६०         |
| ११    | लोहार गौरी उमेश       | बी.एससी.॥ | ६१         |
| १२    | पवार शिवांका बाळकृष्ण | बी.एससी.॥ | ६२         |
| १३    | सावंत सुषमा रमेश      | बी.एससी.॥ | ६३         |
| १४    | शिंदे श्रद्धा दयानंद  | बी.एससी.॥ | ६४         |
| १५    | यादव नमता सावंत       | बी.एससी.॥ | ६५         |
| १६    | वेवले निकिता मैताजी   | बी.एससी.॥ | ६६         |
| १७    | वेवले शिवानी टीपक     | बी.एससी.॥ | ६७         |

कोर्से समन्वयक



राजा श्रीपतराव भंगवतराव  
महाविद्यालय, औरंग (सहायक)





**राजा श्रीपतराव भगवंतराव महाविद्यालय, आँघ(सातारा)**  
(कला व विज्ञान)

Web-site - [www.dharmawadi.ac.in](http://www.dharmawadi.ac.in)  
बेळगाव

जीवा: बाबाजीदेवी भगवंतराव महाविद्यालय  
राजीवगट, आँघ

दुरध्वनी: ०२१४२२२२२  
E-mail: [aaad@dharmawadi.ac.in](mailto:aaad@dharmawadi.ac.in)  
आयसा

म. ना. अखिलराज्य भारतासोबत

1. केंद्राचे संबोधन - राज्याला, अल्पवैद्यी  
Airtel: 200000 Colloquialization, 14-09-1994, M.S. Govt. BGC/3104/7356-88E उ. ना. 3-3-1994  
प्र. प्रभाव-डा. जी. मंडरे प्रका. के. एम. उ. सम. विज्ञान मंडळ ही संस्थानची ४२४४९२४२४

डा. क. - राजीवम / १०४ / २०१९-२०

दिनांक : ०८/०१/२०२०

प्रति,  
भा.प्र.संचालकसो,  
आजीवन अध्ययन व विस्तार विभाग,  
शिवाजी विद्यापीठ, कोल्हापूर.

विषय: परीक्षा फॉर्म निव्वारणेबाबत

संदर्भ: एसयु/ एलपलई/ दि. ०९.०९.२०२० चे पत्र

महोदया,  
उपरोक्त संदर्भीय पत्रानुष्ये आम्हाच्या महाविद्यालयास आपल्या विभागांतर्गत औद्योगी वनस्पतीची  
ओळख हा अभ्यासक्रम सुरु असून या अभ्यासक्रमाचे परीक्षा फॉर्म व त्याचे शुल्क जमा करीत आहे.

| अ.क्र | तपशील  | विद्यार्थी संख्या | रक्कम (रु.) |
|-------|--|-------------------|-------------|
| १     | परीक्षा शुल्क (७० टक्के प्रमाणे प्रत्येकी रु.१४०/- ) | १०                | २३६०        |
|       | एकूण रक्कम   |                   | २३६०        |

वरील प्रमाणे एकूण रक्कम रु. २३६०/- (दहावी रु. दोन हजार तीसशे ऐंशी फक्त) रोब  
स्वरुपात जमा करीत आहे. तरी कृपया त्याच निव्वार जावा. ही विनंती

आपला विश्वासू,

आजीवन अध्ययन व विस्तार विभाग  
शिवाजी विद्यापीठ, कोल्हापूर  
दि. १६-११-२०२०

म. ना. अखिलराज्य भारतासोबत

RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH  
TAL-KHATAV DIST-SATARA

CERTIFICATE COURSE IN औषधी वनस्पती ओळख  
Duration 3 Months Department of Botany 2019-20  
List of Enrolled Students



| Sr. No. | NAME OF STUDENTS           | Signature    |
|---------|----------------------------|--------------|
| 1       | Jagtap prajna komal        | Jagtap       |
| 2       | Pilwar priyanka bhikrubhai | Pilwar       |
| 3       | Lohar gauri amesh          | Lohar        |
| 4       | Sawant sushma Kamal        | S. R. Sawant |
| 5       | Ghorpade anurta jayant     | Ghorpade     |
| 6       | Shinde shradha dayanidhi   | Shinde       |
| 7       | Yewale shirani drish       | Yewale       |
| 8       | Yewale nitika sunil        | N. Yewale    |
| 9       | Yadav namrata sanjay       | A. Yadav     |
| 10      | Kambhar gauri krishna      | Yelli        |
| 11      | Kadam jayant Kamesh        | Kadam        |
| 12      | Jadhav shikha dayanidhi    | Jadhav       |
| 13      | Kadam parvati rajaram      | Kadam        |
| 14      | Jadhav meeta chandrakant   | Jadhav       |
| 15      | Jagde komal Kamalchandra   | Jagde        |
| 16      | Kambhar parvati rajaram    | Kambhar      |
| 17      | Jagde parvati shankar      | Jagde        |
| 18      | Gharge priyanka mahadev    | Gharge       |
| 19      | Jadhav Kamesh parvati      | Jadhav       |

  
Course Coordinator

  
**COORDINATOR**  
Internal Quality Assurance Cell  
Raja Shripatrao Bhagwantrao Mahavidyalaya  
(Satara)

  
Principal

**I/A/PRINCIPAL**  
Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh, (Satara)

RAJA SHRI PATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH

TAL. KHATAV DIST. SATARA

CERTIFICATE COURSE IN BIODIVERSITY

Duration 3 Months Department of Botany 2019-20

List of Enrolled Students

| Sr. No | NAME OF STUDENTS             | 1       | 2        | 3        | 4        | 5        | 6        | 7        | 8        |
|--------|------------------------------|---------|----------|----------|----------|----------|----------|----------|----------|
| 1      | Jangtap pooja vinod          | 7/10/19 | 11/10/19 | 12/10/19 | 15/10/19 | 22/10/19 | 27/10/19 | 28/10/19 | 29/10/19 |
| 2      | Patwar priyanka bhalakrishna | 7/10/19 | 11/10/19 | 12/10/19 | 15/10/19 | 22/10/19 | 27/10/19 | 28/10/19 | 29/10/19 |
| 3      | Lohar girvi umesh            | 7/10/19 | 11/10/19 | 12/10/19 | 15/10/19 | 22/10/19 | 27/10/19 | 28/10/19 | 29/10/19 |
| 4      | Sawant sushma ranesh         | 7/10/19 | 11/10/19 | 12/10/19 | 15/10/19 | 22/10/19 | 27/10/19 | 28/10/19 | 29/10/19 |
| 5      | Ghorpade anurba jaywant      | 7/10/19 | 11/10/19 | 12/10/19 | 15/10/19 | 22/10/19 | 27/10/19 | 28/10/19 | 29/10/19 |
| 6      | Shinde shradha divyaman      | 7/10/19 | 11/10/19 | 12/10/19 | 15/10/19 | 22/10/19 | 27/10/19 | 28/10/19 | 29/10/19 |
| 7      | Yewale shivani dipak         | 7/10/19 | 11/10/19 | 12/10/19 | 15/10/19 | 22/10/19 | 27/10/19 | 28/10/19 | 29/10/19 |
| 8      | Yewale nikita netaji         | 7/10/19 | 11/10/19 | 12/10/19 | 15/10/19 | 22/10/19 | 27/10/19 | 28/10/19 | 29/10/19 |

  
 ANURBA GHORPADE





RAJA SHIRPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH

TAL-KHATAV DIST-SATARA

CERTIFICATE COURSE IN 0000 00000000 0000

Duration 3 Months Department of Botany 2019-20

List of Enrolled Students

| Sr. No | NAME OF STUDENTS               | 14/12          | 19/12          | 20/12          | 26/12          | 31             | 4/1            | 10/1           | 17/1           | 18/1           | 24/1           |
|--------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 1      | Jangtan pooja vinod            | 19             | 15             | 19             | 15             | 20             | 20             | 20             | 20             | 20             | 20             |
| 2      | Pravur pratyanka<br>balkrushna | 19             | 15             | 19             | 15             | 20             | 20             | 20             | 20             | 20             | 20             |
| 3      | Lohar gauri umesh              | 19             | 15             | 19             | 15             | 20             | 20             | 20             | 20             | 20             | 20             |
| 4      | Sawant rashmi ramesh           | S. R. Sawant   | S. R. Sawant   | S. R. Sawant   | S. R. Sawant   | S. R. Sawant   | S. R. Sawant   | S. R. Sawant   | S. R. Sawant   | S. R. Sawant   | S. R. Sawant   |
| 5      | Ghorpade amruta<br>jaywant     | Amruta Jaywant | Amruta Jaywant | Amruta Jaywant | Amruta Jaywant | Amruta Jaywant | Amruta Jaywant | Amruta Jaywant | Amruta Jaywant | Amruta Jaywant | Amruta Jaywant |
| 6      | Shinde shiraddha<br>dayanand   | Shinde         | Shinde         | Shinde         | Shinde         | Shinde         | Shinde         | Shinde         | Shinde         | Shinde         | Shinde         |
| 7      | Yewale shivani dipak           | Spate          | Spate          | Spate          | Spate          | Spate          | Spate          | Spate          | Spate          | Spate          | Spate          |
| 8      | Yewale nikita netaji           | Spate          | Spate          | Spate          | Spate          | Spate          | Spate          | Spate          | Spate          | Spate          | Spate          |

*[Signature]*  
Coordinator Malimatti





**RAJA SHRI PATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH**  
**TAL. KHATAV DIST. SATARA**

CERTIFICATE COURSE IN □□□□□□□□□□ □□□□

Duration 3 Months Department of Botany 2019-20

List of Enrolled Students

| Sr. No | NAME OF STUDENTS              | 25/1<br>20 | 31/1<br>20 | 7/2<br>20 | 8/2<br>20 | 14/2<br>20 | 25/2<br>20 | 27<br>20  | 28<br>20  | 29<br>20  | 6/3<br>20 |
|--------|-------------------------------|------------|------------|-----------|-----------|------------|------------|-----------|-----------|-----------|-----------|
| 1      | Jagtap pooja vineed           | Jagtap     | Jagtap     | Jagtap    | Jagtap    | Jagtap     | Jagtap     | Jagtap    | Jagtap    | Jagtap    | Jagtap    |
| 2      | Pravur priyanka<br>balkrushna | Pravur     | Pravur     | Pravur    | Pravur    | Pravur     | Pravur     | Pravur    | Pravur    | Pravur    | Pravur    |
| 3      | Lohar garvi umesh             | Lohar      | Lohar      | Lohar     | Lohar     | Lohar      | Lohar      | Lohar     | Lohar     | Lohar     | Lohar     |
| 4      | Sawari sukhin namesh          | S.R.Sawar  | S.R.Sawar  | S.R.Sawar | S.R.Sawar | S.R.Sawar  | S.R.Sawar  | S.R.Sawar | S.R.Sawar | S.R.Sawar | S.R.Sawar |
| 5      | Ghorpade amruta<br>jaywanti   | Ghorpade   | Ghorpade   | Ghorpade  | Ghorpade  | Ghorpade   | Ghorpade   | Ghorpade  | Ghorpade  | Ghorpade  | Ghorpade  |
| 6      | Shinde shradha<br>dayanand    | Shinde     | Shinde     | Shinde    | Shinde    | Shinde     | Shinde     | Shinde    | Shinde    | Shinde    | Shinde    |
| 7      | Yewale shivani dipak          | Yewale     | Yewale     | Yewale    | Yewale    | Yewale     | Yewale     | Yewale    | Yewale    | Yewale    | Yewale    |
| 8      | Yewale nikita netaji          | Nikita     | Nikita     | Nikita    | Nikita    | Nikita     | Nikita     | Nikita    | Nikita    | Nikita    | Nikita    |

*(Signature)*  
 CHIEF CO-ORDINATOR



702

Date 10/11/2020

UNIVERSITY, KOLHAPUR

Center's Seal



Name

Roll No.

Class

Subject

| Sr.No. | Particulars      | Rs.    |
|--------|------------------|--------|
| 1      | Registration Fee |        |
| 2      | S. T. M          |        |
| 3      | Examination Fee  |        |
| 4      | Form Fee         |        |
| 5      | Study Centre Fee |        |
| 6      | Eligibility Fee  |        |
| 7      | Prospectus       |        |
| 8      | E-Facility Fee   |        |
| 9      | Late Fee         |        |
| 10     | Super late Fee   |        |
| 11     | Dhwaj Nidhi      |        |
| 12     | मिशन फी          |        |
| Total  |                  | 2380/- |

Rs. in Words) दोन हजार तिसवी आठशे

B.H.A. J.H.R.2

Signature



|  |   |  |
|--|---|--|
| <br>"Sheet, Sharit, Adhyayan" | और शिक्षण संस्था, और<br><b>राजा श्रीपतराव भगवंतराव महाविद्यालय, और</b><br><b>(सातारा)</b>         |  |
|  | (कला व विज्ञान)   |  |
| University<br>Aff/F.2/New College/ 6695,<br>Dt.14-09-1994  | वेबसाइट<br>बीएस रायजीदेवी भगवंतराव पंतप्रतिष्ठान<br>राष्ट्रीय, और<br>Web-site - www.rshimamdh.edu | संपर्क<br>मा. डा. अजितदादा बनारसाहेब<br>माजी उपमुख्यमंत्री, महाराष्ट्र राज्य<br>Email: rajshimamdh@gmail.com |
| M.S.Govt.<br>NGC/3594/7356-ME-3, Dt.<br>5-9-1994   | Reaccredited with B grade   |  |
| मासिकी नं. शिक्षा 400/NGC<br>2019-20   | M.A.M.Phil.Ph.D.  | संपर्क नं. - 9921287920  |

जा. सं. राशीभम/ 7231 2019-20

दिनांक : १७/ ०९/ २०२०

प्रति,  
 मा. ड. संचालक व विभागप्रमुख  
 आजीवन अध्ययन व विस्तार विभाग,  
 शिवाजी विद्यापीठ, कोल्हापूर

विषय - परीक्षा साहित्य मिळणेबाबत  
 संदर्भ - एमयू/ डीएलएलए/ दि. ०७.०९.२०२० चे पत्र

सौजन्य,

आमचे महाविद्यालयात आपल्या विभागासाठी खालील अभ्यासक्रम घालविले जातात. त्यांच्या परीक्षा  
 दि. २१.०९.२०२० पासून सुरू होत आहेत. त्यांचे खालीलप्रमाणे साहित्य मिळणेसाठी विनंती आहे.

| अ.क्र. | अभ्यासक्रमाचे नाव     | विद्यार्थी संख्या |
|--------|-----------------------|-------------------|
| १.     | औपचारिक वनस्पतीची ओळख | १७                |
| २.     | Pragmatic English     | १५                |
| ३.     | व्यक्तिमत्त्व विकास   | १५                |

तरी कृपया परीक्षाप्रमाणे परीक्षेचे साहित्य आमचे महाविद्यालयातील वनस्पतीशास्त्र विभागाचे शिक्षक श्री.  
 पु. ए. पाटव यांचेकडे देणेत यावे ही विनंती.

आजीवन अध्ययन व विस्तार विभाग  
 शिवाजी विद्यापीठ, कोल्हापूर.

आपला विश्वासू,  
 शिवाजी  
 विभाग  
 राजा श्रीपतराव भगवंतराव  
 महाविद्यालय, और (सातारा)



डॉ. (श्रीमती) सुमन क. बुवा  
बी.बी.ए., एम.एड., पी.एच.डी., डी.ए.ई., पी.एच.डी.  
**Dr. (Smt.) Suman K. Buwa.**  
B.Com., M.A., D.A., D.P.T., Ph.D.  
Ex-DIRECTOR & Head



शिवाजी विद्यापीठ, कोल्हापूर - ४११ ००४  
ज्योतिष ज्ञान व विस्तार विभाग  
SHIVAJI UNIVERSITY, KOLHAPUR - 416 004  
DEPARTMENT OF LIFELONG LEARNING AND  
EXTENSION

श्रीमती वनस्पतीची ओळख अभ्यासक्रम परीक्षा (जानेवारी - २०१९)

परीक्षार्थीचे बैठक क्रमांक:

| अ.क्र. | महाविद्यालय / संस्थेचे नांव               | विद्यार्थी संख्या | परीक्षा बैठक क्रमांक |
|--------|---|-------------------|----------------------|
| १      | राजा रामदास कॉलेज ऑफ कॉमर्स, काळेगाव      | ४१                | १ ते ५०              |
| २      | राजा श्रीलक्ष्मण भगवतराव महाविद्यालय, औंध | २०                | ५१ ते ८०             |

प्र. संचालक व विभागप्रमुख

Tel : (Office) (0231) 2609151, (Ex. Director) (0231) 2609150, Mobile - 9011001514

E-mail : [prc@shivajiuniv.ac.in](mailto:prc@shivajiuniv.ac.in), [skbuwa@rediffmail.com](mailto:skbuwa@rediffmail.com)

Dr.AmliJanta 19-30.docx

डॉ. (श्रीमती) सुमन क. बुवा  
संयोजक, शैक्षणिक विभाग, शिवाजी विश्वविद्यालय  
**Dr. (Smt.) Suman K. Buwa.**  
R. 100, M.S.R. T.S.V. D.P.L. P.O.  
EX DIRECTOR & Head



शिवाजी विश्वविद्यालय, कोल्हापूर - ४२३ ००४  
आजीवन अध्ययन व विस्तार विभाग  
**SHIVAJI UNIVERSITY, KOLHAPUR - 416 004**  
DEPARTMENT OF LIFELONG LEARNING AND  
EXTENSION.

ससु/सहास/

दि २६/१२/२०१९

श्री.

प्रधान / सहासक,

|  |   |
|--|---|
| राज्यस्तरीय स्तरावरील अल्प शालेयी<br>कनिष्ठ व. महाविद्यालय<br>वि. सातारा | राज्य श्रीपतीराव भगवंतराव महाविद्यालय,<br>श्रीपती, ज. सातारा,<br>वि. सातारा |
|--|---|

विषय : श्रीपती वनस्पतीची डोटस अभ्यासक्रम परीक्षेच्या वेळापत्रक व परीक्षा कर्मसंबंधित.

महोदय / महोदय,

आजीवन अध्ययन व विस्तार विभागातर्फे श्रीपती वनस्पतीची डोटस अभ्यासक्रम सप्टेंबर, २०१९ पासून सुरु करण्यात आला आहे. ज्या अभ्यासक्रमाची परीक्षा सोमवार दि. २० जानेवारी, २०२० रोजी पंचमन पेठार असे शासक वेळापत्रक आजीवनच्या आहे.

| वार    | दिनांक     | वेळ                  | विषय            |
|--------|------------|----------------------|-----------------|
| सोमवार | २०/०१/२०२० | स ११:०० ते दु. ०२:०० | पेठर क १ (मंडी) |

परीक्षा वेळापत्रक आजीवनच्या वेळापत्रक व सर्व विद्यार्थींच्या अल्प शालेयी व महाविद्यालयी परीक्षा केंद्री परीक्षेपूर्वी आपल्या संघीयस्तर वेळापत्रक यादी यादीच्या मुल्यमात्रे परीक्षेचे शक्यता वना करणेसाठी पाठविण्यात येतील. अद्याप परीक्षा परीक्षा परीक्षा शुल्क भरणे नसेल तर शुक्रवार दि. १०/०१/२०२० पर्यंत हे शुल्क विभागाकडे पाठविण्यात येत नसेल परीक्षा सक्षिप्य सेवासाठी आपला प्रतिसाद या विभागात कनिष्ठार दि. १८/०१/२०२० रोजी दुपारी १२:०० मंत्र पाठविण्यात यावे.

बळावे

आपली विश्वासू

*S. Suman*

(श्रीमती डॉ. सुमन बुवा)

प्र. सहासक व विभागप्रमुख

B. to Head  
Bhatnagar  
26/12

राज्य श्रीपतीराव भगवंतराव महा. श्रीपती  
आयक प्रति.सं. 1/2019-20  
दिनांक: 28/12/2019  
संदर्भ क्र. ~~२६~~ आजीवन/५१३८

Tel. : (Office) (0231) 2609151, (H.c. Director) (0231) 2609150, Mobile - 9011001514

E-mail : [sec@shivaji.ac.in](mailto:sec@shivaji.ac.in), [skbuwa@gmail.com](mailto:skbuwa@gmail.com)

T.S. Mail Letter 19-20.docx

(श्रीमती) सुमन कृ. बुवा  
Dr. (Smt.) Suman K. Buwa,  
B.A., M.A., B.A.L., D.P.E., P.H.D.  
IC-DIRECTOR & Head



शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४  
आजीवन शिक्षण व विस्तार विभाग,  
SHIVAJI UNIVERSITY, KOLHAPUR - 416 004  
DEPARTMENT OF LIFELONG LEARNING AND  
EXTENSION.

पद्य/दीर्घपत्र/

दि १८/०१/२०२०

प्रति,

मा. प्रभार,

उत्तराधिकारी महाविद्यालय, कोल्हापूर

उत्तराधिकारी महाविद्यालय,

विषय: श्रीयंती वनस्पतीची जोडवस प्रश्नसूची परीक्षा उत्तराधिकारी व द्वार सहीलपावावत...

सविधान

आजच्या महाविद्यालयात विस्तार विभाग योजने अंतर्गत श्रीयंती वनस्पतीची जोडवस प्रश्नसूची सप्टेंबर, २०१९ पासून सुरु झाले या प्रश्नसूचीची परीक्षा संपन्न दि २० जानेवारी, २०२० रोजी येवता येत आहे. या परीक्षेसाठी खालील सविध पुरविण्यात येत असून ते तपासून लक्षात घ्यावे.

१. प्रश्नसूची (सोलभय) : ०१
२. स्टेशनरी रिपोर्ट : ०२
३. परीक्षा रिपोर्ट : ०२
४. उत्तराधिकारी

| क्र. क्र. | महाविद्यालयाचे नाव                            | धामून | परत  | एकुण |
|-----------|---|-------|------|------|
| १         | राजारामबापू कोर्टेज ऑफ फार्मसी, कजनेगाव       |       |      |      |
| २         | राजा श्रीनंतराव बडवाराव महाविद्यालय, श्रीयंती | ६५०१  | ६५०० | १०   |

उपरोक्त परीक्षा झाल्यानंतर पूर्वील कार्यवाहीत दिवशी उत्तराधिकारी, विभाग उत्तराधिकारी व उत्तराधिकारी परीक्षा सुरु व परीक्षा सविध विभागात जमा करावे.

क्याने,

आपली विश्वासू

(श्रीमती (वॉ.) सुमन कृ. बुवा)  
उ. सहायक व विभागप्रमुख

Tel : (Office) (0231) 2609151, (U/c. Director) (0231) 2609150, Mobile - 9011001514  
E-mail : ucr@unishivaji.ac.in, shivaji@unishivaji.ac.in

D:\Anil\letter 19-20.docx

RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, ALINDH

CERTIFICATE COURSE IN – AUSHADHI VANASPATINCHI OLAKH

DEPARTMENT OF BOTANY

2019 -20



| Sr. No. | Name of Student           | class    | Seat number |
|---------|---------------------------|----------|-------------|
| 1       | Ghorpade Amruta Jaywant   | B.Sc. II | 51          |
| 2       | Ingale Komal Ramchandra   | B.Sc. II | 52          |
| 3       | Ingale Pooja Shantaram    | B.Sc. II | 53          |
| 4       | Jadhav Shivani Dnyandeo   | B.Sc. II | 54          |
| 5       | Jadhav Sujata Chandrakant | B.Sc. II | 55          |
| 6       | Jagtap Pooja Vinod        | B.Sc. II | 56          |
| 7       | Kadam Pooja Rajaram       | B.Sc. II | 57          |
| 8       | Kadam Punam Ramesh        | B.Sc. II | 58          |
| 9       | Kumbhar Gauri Krushnat    | B.Sc. II | 59          |
| 10      | Kumbhar Geeta Rajendra    | B.Sc. II | 60          |
| 11      | Lohar Gauri Umesh         | B.Sc. II | 61          |
| 12      | Pawar Priyanka baikrushna | B.Sc. II | 62          |
| 13      | Sawant Sushma Ramesh      | B.Sc. II | 63          |
| 14      | Shinde Shraddha Dayanand  | B.Sc. II | 64          |
| 15      | Yadav Namrata Savata      | B.Sc. II | 65          |
| 16      | Yewale Nikita Netaji      | B.Sc. II | 66          |
| 17      | Yewale Shivani Dipak      | B.Sc. II | 67          |

  
course co-ordinator



  
H.C. PRINCIPAL  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Alindh



University  
ABU/7.3/How College/ 6596  
Dt.14-05-1994

M.S.Govt.  
NGC/3554/7356-ME-3. Dt.  
5-9-1994

राजा श्रीफतराव भगवंतराव महाविद्यालय,औंध  
(सातारा) पुणे ४१११२०२००१  
(कला व विज्ञान) पुणे ४१११२०२०२०१

वेबसाईट : [www.rsbmaundh.org](http://www.rsbmaundh.org)  
संघी साईट : [www.rsbmaundh.org](http://www.rsbmaundh.org)  
E-mail : [rsbmaundhcollege@gmail.com](mailto:rsbmaundhcollege@gmail.com)  
Reaccredited with B grade

संस्थापक : श्री. राजा शंकर भगत M.A.M.P.H.E. Ph.D.

संस्थापिका - 9921257920

सं. क्र. एडमिशन/ 924 / २०१९-२०

दिनांक - २५ / ०१ / २०२०

प्रति,

मा. प्र. संचालक व विभागाध्यक्ष  
आजीवन अध्ययन व विस्तार विभाग,  
शिवाजी विद्यापीठ, कोल्हापूर

विषय :- अंतर्गत गुण व शिल्लक उत्तराधिकार स्विकारणे बाबत

मागेदस,

आमचे महाविद्यालयात आपल्या विभागाबाबत " औंधची वनस्पतीची ओळख " अभ्यासक्रम चालविला जातो. त्याची परीक्षा दि. २०.०१.२०२० रोजी संपन्न झाली. त्या विद्यार्थ्यांचे अंतर्गत गुण व शिल्लक उत्तराधिकार आपल्या कार्यालयास सादर करित आहे.

तरी कृपया त्यांचा स्विकार व्हावा ही विनंती.

आपला विश्वासू,

I/C PRINCIPAL  
Raja Shrikrishna Bhagwantrao  
Mahavidyalaya, Aundh (Satara)

शिल्लक उत्तराधिकार सं. २५१२, २५१३, २५१४

आजीवन अध्ययन व विस्तार विभाग  
शिवाजी विद्यापीठ, कोल्हापूर

RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH  
CERTIFICATE COURSE IN –AUSHADHI VANASPATINCHI OLAKH



List of Internal Mark (Field and Project Work)

2019 -20

| Sr. No. | Name of Student           | Seat number | Marks Paper II Field work | Marks Paper III Project work | Total |
|---------|---------------------------|-------------|---------------------------|------------------------------|-------|
| 1       | Ghorpade Amruta Jaywant   | 51          | 41                        | 43                           | 84    |
| 2       | Ingale Komal Ramchandra   | 52          | 40                        | 44                           | 84    |
| 3       | Ingale Pooja Shantaram    | 53          | 39                        | 44                           | 83    |
| 4       | Jadhav Shivani Dnyandeo   | 54          | 42                        | 42                           | 84    |
| 5       | Jadhav Sujata Chandrakant | 55          | 41                        | 40                           | 81    |
| 6       | Jagtap Pooja Vinod        | 56          | 42                        | 41                           | 83    |
| 7       | Kadam Pooja Rajaram       | 57          | 43                        | 45                           | 88    |
| 8       | Kadam Punam Ramesh        | 58          | 41                        | 42                           | 83    |
| 9       | Kumbhar Gauri Krushnat    | 59          | 44                        | 41                           | 85    |
| 10      | Kumbhar Geeta Rajendra    | 60          | 44                        | 38                           | 82    |
| 11      | Lohar Gauri Umesh         | 61          | 41                        | 42                           | 83    |
| 12      | Pawar Priyanka balkrushna | 62          | 40                        | 41                           | 81    |
| 13      | Sawant Sushima Ramesh     | 63          | 40                        | 43                           | 83    |
| 14      | Shinde Shraddha Dayanand  | 64          | 39                        | 41                           | 80    |
| 15      | Yadav Namrata Savata      | 65          | 40                        | 43                           | 83    |
| 16      | Yewale Nikita Netaji      | 66          | 41                        | 43                           | 84    |
| 17      | Yewale Shivani Dipak      | 67          | 13                        | 41                           | 84    |

Course Co-ordinator

I/C PRINCIPAL  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)





शिवाजी विद्यापीठ, कोल्हापूर  
आजीवन अध्ययन व विस्तार विभाग  
औषधी वनस्पतींची ओळख व संवाहन अभ्यासक्रम (३ महिने)  
अंतिम परीक्षा - जानेवारी, २०२०  
विषय: पेपर क-१



दिनांक: २०/०१/२०२०  
कार: सोमवार

वेळ: सकाळी ११.०० ते दुपारी ०२.००  
मुल: ०५

- सूचना :- १) सर्व प्रश्न आवश्यक जागेत  
२) प्रश्नांच्या उजवीकडील अंक द्यावे.

प्रश्न १. खालील प्रश्नांची उत्तरे लिहा.

अ) खालील कोणत्याही ०५ प्रश्नांची उत्तरे एक ओळीत लिहा.

(०५)

१. भेसळ झालेले काय?
२. वनस्पतींचे वेगवेगळे भाग काय आहेत?
३. मेडिसिन आणि मेडिसिनामध्ये काय फरक आहे?
४. सायटो आणि आर्थायटल औषधांमध्ये काय फरक आहे?
५. औषधाचे गुणवत्ता, वनस्पतांचा विविध भागप्राची मादी काय?
६. औषधी वनस्पतींची अंतर्जाती फल उदाहरण द्या.

ब) ओटथा द्या

(०५)

'अ' मट  
(प्राधान्य नाव)

१. ज्येष्ठ्या
२. लघू
३. एक ज्वारीची मदीय
४. निरुतिरी

'ब' मट  
(वैिक स्रोताचे नाव)

१. फोनिबुलम जलारे
२. निरुतिरी म्बुलम
३. लिपन सॅटीयम
४. म्बुलम बरिडा म्बुलम

(औषधी वनस्पतींचे नाव)

१. धले
२. कोरफड
३. जलारे
४. पालिनी

(औषधी म्हणून वापरल्या जाणाऱ्या वनस्पतींचा एक भाग)

१. मुळे
२. पत्रे
३. साल
४. धले



## 4. Pragmatic English



**RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH**  
**SUMMARY REPORT OF PROGRAM /CERTIFICATE/ADD ON COURSE**

Date: 3/1/2020

To

The Principal,

R.S.B. Mahavidyalaya, Aundh.

Respected Sir,

I am submitting Summary Report of Certificate Course. Please accept it.

1. Name of Certificate /Add on Course: Pragmatic English

2. Duration of Course : From 3/9/2019 to 30/12/2019 Total Days: 90

3. Number of Enrolled Students: 15

4. Name of Coordinator: Dr. Bhosale S.R.

5. Name of Resource Persons: 1. Dr. Kore S.M. 2. Prin. Dr. Bhandare S.J. Dr. Bhosale S.R.

6. Objectives of the Course:

1. To Introduce Basic English Grammar
2. To Develop Communication Skills in the students
3. To Prepare students for Interview
4. To Orient English Grammar for Competitive Exams

7. Outcome of the Course:

1. Introduced Basic English Grammar to the students
2. Developed Communication Skills in the students
3. Prepared students for Interview
4. Oriented English Grammar to the students for Competitive Exams


  
Course Coordinator

  
I/C PRINCIPAL  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)

SHIVAJI UNIVERSITY KPLHAPUR  
RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA AUNDH  
PRAGMATIC English COURSE 2019-20



| Sr. No | Students Name              | Seat No. |
|--------|----------------------------|----------|
| 1.     | Adinath Khanderao Howale   | 48       |
| 2      | Akash Kailash kumbhar      | 46       |
| 3.     | Aniket Dhanaji Randive     | 53       |
| 4.     | Anuja Bajirang Waghmare    | 42       |
| 5.     | Ashishkumar Balaso Bhosale | 54       |
| 6.     | Harshada Satish Patole     | 49       |
| 7.     | Kalyani Shrikrishna Pathak | 43       |
| 8.     | Mayuri Chandrakant pawar   | 41       |
| 9.     | Rajashri Rajendra Jadhav   | 45       |
| 10.    | Rekha Bhimrao Randive      | 50       |
| 11.    | Rohan Hanmant Jadhav       | 55       |
| 12.    | Shubhangi Tanaji Madane    | 52       |
| 13.    | Snehal Manohar Sarnobat    | 44       |
| 14     | Swaranjali Satish Randive  | 51       |
| 15.    | Tushar Dattatraya Thorat   | 47       |

  
Dr. Sehaddeo Bheemunaji Bhosale  
M.A.M.Phil Ph.D.  
Asst.Prof  
R.S.B.Mahavidyalaya Aundh ( Satara)

Principal  
  
I/C PRINCIPAL  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)



SHIVAJI UNIVERSITY, KOLHAPUR  
Bank Receipt

Receipt No. 65067  
Receipt Date 09/09/2019  
Received From THE PRINCIPAL RAJA SHRIPATRAO  
BHAGWANTRAO MAHAVIDYALAYA AUNDH  
Deposit in A/c A/c - 1, UOD Bank Shivaji University  
Mode of Inst. DD - Demand Draft  
Deposit Rec.No. 285433  
Deposit Date: 04/09/2019  
Drawee Bank : BANK OF MAHARASHTRA

| Sr. No.     | Particular              | Budget   | Amount   |
|-------------|-------------------------|----------|----------|
| 1           | Fees from courses under | A.37.R.2 | 2,250.00 |
| Total (Rs-) |                         |          | 2,250.00 |

Rupees TWO THOUSAND TWO HUNDRED FIFTY ONLY

Department Copy

MULIKRB  
Authorised Signatory

Note : The Receipt is subject to the realisation of Cheque





SHIVAJI UNIVERSITY KOLHAPUR  
DEPARTMENT OF LIFE LONG LEARNING & EXTENSION  
PRAGMATIC ENGLISH CERTIFICATE COURSE 2019-20  
COURSE DURATION 3 MONTHS 3 Sept. 2019 to 30 Dec. 2019.

Resource Persons

| Sr No | Name                        | Qualification           | College  |
|-------|-----------------------------|-------------------------|--|
| 1.    | Dr. Bhoale S.R. Coordinator | M. A. M.<br>Phil Ph. D. | Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh |
| 2.    | Dr. Bhagwan Lokade Lecturer | M. A. Ph.D.             | D. P. Bhoale College, Koregaon                   |
| 3.    | Dr. Kore S. M. Lecturer     | M.A. Ph.D.              | Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh |

  
Course Coordinator

Dr. Sukhedro Raghunath  
M.A.M, Phil, Ph.D.  
Asst. Prof  
R.S.B. Mahavidyalaya, Aundh

  
Principal  
R.S.B. Mahavidyalaya, Aundh



श्रीधर, शंकर, जगन्मन  
औद्योगिक संशोधन, औरंग



## राजा श्रीपतराव भगवंतराव महाविद्यालय, औरंग (सातारा) (कला व विज्ञान)

Web-site - [www.rajamaahavidyalaya.org](http://www.rajamaahavidyalaya.org)

प्रेमचंदराम  
श्रीमंत माधवीदेवी भगवंतराव पंतप्रतिनिधी  
शाहीसाहेब, औरंग

दुबळी, औरंग-४२११२४  
Email : [rajamaahavidyalaya@gmail.com](mailto:rajamaahavidyalaya@gmail.com)  
अ.स.स.

मा. मा. अधितारदा पत्रव्यवस्था

( शिक्षणी विभागाचे कोलकाता, कॅम्ब्रिज )

Affil/F-2/New College/6695 dt 14-09-1994 M.S.Govt NGC/3594/7355-ME-3 dt 5-9-1994  
ड. बाबाई-डी. जी. सहाय एन.जे. एम.ए.एम.विल पीएच.डी. प्रमोदवती 8464998438

जा. क्र. - रात्रीमन / 714 / 2019-20

दिनांक : 06/09/2019

प्रति,

मा.प्र.संचालकस्यो,  
आजीवन अध्ययन व विस्तार विभाग,  
शिवाजी विद्यापीठ, कोल्हापूर.

विषय: प्रोग्रेमटिक इंग्लिश या निरंतर शिक्षण अभ्यासक्रम ३ महिने  
कालावधी) सुरू करण्याबाबत....

संदर्भ: एसयु/टीएलएलएम/ दि. ०७.२०१९चे पत्र

महोदया,

उपरोक्त संदर्भाचे पत्रान्वये आमच्या महाविद्यालयास आपला विभागामार्फत प्रोग्रेमटिक इंग्लिश हा  
निरंतर शिक्षण अभ्यासक्रम (३ महिने कालावधी) ऑगस्ट /सप्टेंबर २०१९ पासून सुरू करण्यास मान्यता  
मिळाली आहे. या अभ्यासक्रमा करिता एकूण विद्यार्थ्यांनी प्रवेश घेतला असून त्याचे शुल्क खालीलप्रमाणे  
जमा करित आहे.

| अ.क्र | वर्णनीति                                      | विद्यार्थी संख्या | रक्कम<br>(रु.) |
|-------|---|-------------------|----------------|
| १     | शैक्षणिक शुल्क (२० टक्के प्रमाणे)             | १५                | १५००           |
| २     | प्रवेश शुल्क रु २५/-                          | १५                | ३७५            |
| ३     | मागील विद्यार्थी संघटना शुल्क रु २५/- प्रमाणे | १५                | ३७५            |
| ४     | साहित्य शुल्क रु. /- प्रमाणे                  | ..                | ..             |
|       | एकूण रक्कम                                    |                   | २२५०           |

वरील प्रमाणे एकूण रक्कम रु. २२५०/- (अक्षरी रु. दोन हजार दोनशे पन्नास) डी. डी. ने विल व  
लेखाधिकारी, शिवाजी विद्यापीठ, कोल्हापूर यांच्या नावाने जमा करित आहे. सोबत विद्यार्थ्यांची वर्गीकरण  
माहिती वेळापत्रक तज्ञ व्यक्तीच्या नांवासह सोबत जोडली आहे.

कळते.

आपला विश्वासू,

राजा श्रीपतराव भगवंतराव  
महाविद्यालय, औरंग (सातारा)

दि. १-९-१९  
आजीवन अध्ययन व विस्तार विभाग  
शिवाजी विद्यापीठ, कोल्हापूर.



etc

## 10. Pragmatic English

### 1. Aims And Objectives :-

1. To acquaint the Students with the basic Principles of English Communication.
2. To enable them to use English in their every day Communcation.
3. To generate confidence among students to make use of English extensively.

2. Duration :- 3 Months ( 50 Sessions of each of 90 minutes)

3. Eligibility :- S.S.C. Pass

4. Intake Capacity :- Minimum 10 – Maximum 40

### 5. Course Fees :-

Admission - 25/-

Alumni - 25/-

Tuition Fee - 500/-

Examination Fee - 200/-

### 6. Subjects :- Unit — I Spoken English

28 Communicative Functions :- Saying hello, Saying goodbye, Saying yes/no, requesting / permission, inviting, expressing, gratitude, expressing apologes, expressing consolation /condolence, agreeing / disagreeing, Offers and preferences, advice , direction, opinions, conversation, telephone conversation, how often, asking for information . expressing , purpose , obligation /necessity , complaining, persuading, suggesting , expressing anger , appreciation, remarks, instructing , / ordering , welcoming & congratulating.

### Unit – II syntactic Structure & Usages.

1. Auxiliaries – to be , to have , to do.

2. Tenses

3. Types of sentences – affirmative , negative interrogative , negative interrogative + wh questions ( i.e. ANINI wh of each sentence type )

4. 20 graded structures.

5. Prepositions .

6. Linking Words.

### Unit – III Essential Vocabulary & Phrases

Minimum productive vocabulary – environmental words & phrases useful in discussion and conversation.

### Unit -IV Written Communication

Congratulation, complaint, gratitude , application for job and curriculum vital.

Shivaji University, Kolhapur

# Pragmatic English

Dept of Lifelong Learning and Extension

- period: 3 sept to 2019



## Students Attendance

Date: 3/9/2019

| Sr. No. | Name of student                | class | Sign                | Topic of Grammar  |
|---------|--------------------------------|-------|---------------------|-------------------|
| 1)      | Pawar Mayuri Chandrakant       | B.A.T | <i>Pawar</i>        | Types of Sentence |
| 2)      | Shrinath Snehal Manohar        | B.A.T | <i>Shrinath</i>     |                   |
| 3)      | Zadhav Rajashri Rajendra       | B.A.T | <i>Zadhav</i>       |                   |
| 4)      | Waghmare Anuja Baijrang        | B.A.T | <i>AWaghmare</i>    |                   |
| 5)      | Kumbhar Akash Kailas           | B.A.T | <i>AK</i>           |                   |
| 6)      | Randive Swarnajali Satish      | B.A.T | <i>RSB</i>          |                   |
| 7)      | Thorat Tuskar Dattabhai        | B.A.T | <i>Thorat</i>       |                   |
| 8)      | Bhosale Aashishkumar Balasaheb | B.A.T | <i>Bhosale</i>      |                   |
| 9)      | Madane Shubhangi Taraji        | B.A.T | <i>S.T. Madane</i>  |                   |
| 10)     | Randive Rekha Ghimase          | B.A.T | <i>R.B. Randive</i> |                   |
| 11)     |                                |       |                     |                   |
| 12)     |                                |       |                     |                   |
| 13)     |                                |       |                     |                   |
| 14)     |                                |       |                     |                   |
| 15)     |                                |       |                     |                   |

*Bhushan*  
Dr. Subhash Popkarnath Bhosale  
M.A.M.Phil.Ph.D.

Date: 3/9/2019  
R.S.B. Mahavidyalaya, Aundh (Sat)

|     |                                |       |                     |                   |
|-----|--------------------------------|-------|---------------------|-------------------|
| 1.  | pawar Mayuri Chandrakant       | B.A.T | <i>Pawar</i>        | Types of Sentence |
| 2.  | Shrinath Snehal Manohar        | B.A.T | <i>Shrinath</i>     |                   |
| 3.  | Zadhav Rajashri Rajendra       | B.A.T | <i>Zadhav</i>       |                   |
| 4.  | Waghmare Anuja Baijrang        | B.A.T | <i>AWaghmare</i>    |                   |
| 5.  | Kumbhar Akash Kailas           | B.A.T | <i>AK</i>           |                   |
| 6.  | Randive Swarnajali Satish      | B.A.T | <i>RSB</i>          |                   |
| 7.  | Thorat Tuskar Dattabhai        | B.A.T | <i>Thorat</i>       |                   |
| 8.  | Bhosale Aashishkumar Balasaheb | B.A.T | <i>Bhosale</i>      |                   |
| 9.  | Madane Shubhangi Taraji        | B.A.T | <i>S.T. Madane</i>  |                   |
| 10. | Randive Rekha Ghimase          | B.A.T | <i>R.B. Randive</i> |                   |
| 11. |                                |       |                     |                   |
| 12. |                                |       |                     |                   |
| 13. |                                |       |                     |                   |

*Pran*

HEAD,  
ENGLISH DEPARTMENT,  
R.S.B. MAHAVIDYALAY, AUNDH (SAT)






| Sr No. | Name of student | Class | Sign | Topic    |
|--------|-----------------|-------|------|----------|
| 14     |                 |       |      | 13/11/18 |
| 15     |                 |       |      |          |

Date: 5/9/18

|     |                            |         |              |       |
|-----|----------------------------|---------|--------------|-------|
| 1.  | Pawar Mayuri Chandrakant   | BA I    | Pawar        |       |
| 2.  | Saerobhat Snehal Manohar   | BA I    | Saerobhat    |       |
| 3.  | Jadhav Rajeswari Rajeswar  | B.A. I  | Jadhav       |       |
| 4.  | Waghmare Anuja Bajirang    | B.A. I  | Waghmare     |       |
| 5.  | Kumbhar Akash Kailas       | B.A. II | AK           | Penel |
| 6.  | Randive Sureshjyoti Satish | BA I    | SR           |       |
| 7.  | Thorat Tukhar Dattatray    | BA. II  | Thorat       |       |
| 8.  | Bhavale Anshikumar Balasa  | BA I    | Bhavale      |       |
| 9.  | Madane Shubhangi Tanaji    | BA. II  | S.T. Madane  |       |
| 10. | Randive Rekha Ahimasa      | BA III  | R.B. Randive |       |
| 11. |                            |         |              |       |
| 12. |                            |         |              |       |
| 13. |                            |         |              |       |
| 14. |                            |         |              |       |
| 15. |                            |         |              |       |

  
**HEAD,**  
 ENGLISH DEPARTMENT,  
 R.S.B. MAHAVIDYALAY, AUNOH ISATARA

| Sr No. | Name of student            | Class    | Sign         | Topic                |
|--------|----------------------------|----------|--------------|----------------------|
| 1.     | Kumbhar Akash Kailas       | BA. II   | AK           |                      |
| 2.     | Saerobhat Snehal Manohar   | BA I     | Saerobhat    |                      |
| 3.     | Jadhav Rajeswari Rajeswar  | B.A. I   | Jadhav       |                      |
| 4.     | Waghmare Anuja Bajirang    | B.A. I   | Waghmare     |                      |
| 5.     | Pawar Mayuri Chandrakant   | BA I     | Pawar        | Communication Skills |
| 6.     | Randive Sureshjyoti Satish | BA I     | SR           |                      |
| 7.     | Thorat Tukhar Dattatray    | B.A. II  | Thorat       |                      |
| 8.     | Bhavale Anshikumar Balasa  | BA I     | Bhavale      |                      |
| 9.     | Madane Shubhangi Tanaji    | BA. II   | S.T. Madane  |                      |
| 10.    | Randive Rekha Ahimasa      | B.A. III | R.B. Randive |                      |
| 11.    |                            |          |              |                      |
| 12.    |                            |          |              |                      |
| 13.    |                            |          |              |                      |

Date: 6/9/19





| No | Name of student                | class   | sign          | TD             |
|----|--------------------------------|---------|---------------|----------------|
| 1  | Saenobait Soetel manobait      | B.A.I   | Gms           |                |
| 2  | Jadhav Rajatbhai Rajendrabhai  | B.A.I   | Jadhav        |                |
| 3  | Waghmare Anuja Bajirang        | B.A.I   | A.B. Waghmare |                |
| 4  | Pawar Mayuri Chandrakant       | B.A.I   | Pawar         |                |
| 5  | Randive Savitri Jali Satish    | B.A.I   | SR            |                |
| 6  | Kumbhar Akash Kailas           | B.A.II  | AK            | letter writing |
| 7  | Thorat Tukar Dattabhai         | B.A.II  | Thorat        |                |
| 8  | Bhosale Aashishkumar Babasaheb | B.A.I   | Bhosale       |                |
| 9  | Madane Shubhangi Tanaji        | B.A.III | S.T. Madane   |                |
| 10 | Randive Rekha Ahimada          | B.A.II  | R.B. Randive  |                |

*Dr. Sukhadeo Raghunath Bhosale*  
M.A.M. Ph.D.  
Asst. Prof  
R.S.B. Mahavidyalaya Aundh (Satara)  
Date: 9-9-2019

HEAD  
ENGLISH DEPARTMENT  
R.S.B. MAHAVIDYALAYA, AUNDH (SATARA)

HEAD  
ENGLISH DEPARTMENT  
R.S.B. MAHAVIDYALAYA, AUNDH (SATARA)

|    |                                |         |               |          |
|----|--------------------------------|---------|---------------|----------|
| 1  | Jadhav Rajatbhai Rajendrabhai  | B.A.I   | Jadhav        | 9-9-2019 |
| 2  | Saenobait Soetel manobait      | B.A.I   | Gms           |          |
| 3  | Waghmare Anuja Bajirang        | B.A.I   | A.B. Waghmare |          |
| 4  | Pawar Mayuri Chandrakant       | B.A.I   | Pawar         |          |
| 5  | Randive Savitri Jali Satish    | B.A.I   | SR            |          |
| 6  | Kumbhar Akash Kailas           | B.A.II  | AK            | Penst    |
| 7  | Thorat Tukar Dattabhai         | B.A.II  | Thorat        |          |
| 8  | Bhosale Aashishkumar Babasaheb | B.A.I   | Bhosale       |          |
| 9  | Randive Rekha Ahimada          | B.A.II  | R.B. Randive  |          |
| 10 | Madane Shubhangi Tanaji        | B.A.III | S.T. Madane   |          |



| Sl. No | Student                  | Class  | Sign         | Topic                  |
|--------|--------------------------|--------|--------------|------------------------|
| 1)     | Waghmare Anuja Bajiram   | B.A I  | ABNashy      |                        |
| 2)     | Randive Suresh Satish    | B.A I  | Self         |                        |
| 3)     | Pawar Mayuri Chandrakant | B.A I  | Pravara      |                        |
| 4)     | Kumbhar Akash Kailas     | B.A II | AK           |                        |
| 5)     | Thorat Tushar Dattatray  | B.A II | Thorat       |                        |
| 6)     | Bhosale Ashwini Kunal B  | B.A I  | Bhosale      | Translation in English |
| 7)     | Madane Shubhangi Tanaji  | B.A II | S.T. Madane  |                        |
| 8)     | Randive Suresh Anant     | B.A II | S.A. Randive |                        |
| 9)     |                          |        |              |                        |
| 10)    |                          |        |              |                        |
| 11)    |                          |        |              |                        |
| 12)    |                          |        |              |                        |
| 13)    |                          |        |              |                        |
| 14)    |                          |        |              |                        |
| 15)    |                          |        |              |                        |

HEAD,  
ENGLISH DEPARTMENT,  
R.S. MAHAVIDYALAYA, JUNNAR, SATARA.  
12/9/2012

|    |                          |        |              |                |
|----|--------------------------|--------|--------------|----------------|
| 1) | Waghmare Anuja Bajiram   | B.A    | Pravara      |                |
| 2) | Randive Suresh Satish    | B.A    | Self         |                |
| 3) | Pawar Mayuri Chandrakant | B.A I  | Pravara      |                |
| 4) | Kumbhar Akash Kailas     | B.A I  | Self         |                |
| 5) | Kumbhar Akash Kailas     | B.A II | AK           |                |
| 6) | Thorat Tushar Dattatray  | B.A II | Thorat       |                |
| 7) | Bhosale Ashwini Kunal B  | B.A I  | Bhosale      | Letter Writing |
| 8) | Madane Shubhangi Tanaji  | B.A II | S.T. Madane  |                |
| 9) | Randive Suresh Anant     | B.A II | S.A. Randive |                |

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Sl. No. Name of student class sign Topic

3/3/2023

- 1) Waghmare Anuja B.A.I A.Sahay
- 2) Pawar Mayuri chandrakant S.A.I. Phad
- 3) Randive Savara Satish B.A.I S.S.P.
- 4) Zedhar Rupkanti Rajendra B.A.I Sahay
- 5) Kumbhar Akash Kailas B.A.II Bk
- 6) Thorat Tukar Dattabhai B.A.II Phad
- 7) Bhasale Aashishkumar Balasa B.A.II Phad
- 8) Randive Rekha Animara A.A.II R.A.Rudra
- 9) Madane Shubhangi Tanaji B.A.II S.S.P.

Sentimental  
Structure

HEAD  
DEPARTMENT OF  
HUMANITIES  
S.A. COLLEGE  
WARANANAGAR

Dr. Suthadeo Raghunath Bhasale  
M.A., M.Phil., Ph.D.  
Asst. Prof.  
R.S.B. Mahavidyalaya, Aurangabad (S.A.)

- 1) Waghmare Anuja B.A.I A.Sahay
- 2) Randive Savara Satish B.A.I S.S.P.
- 3) Pawar Mayuri chandrakant B.A.I Phad
- 4) Kumbhar Akash Kailas B.A.II Bk
- 5) Thorat Tukar Dattabhai B.A.II Phad
- 6) Bhasale Aashishkumar Balasa B.A.II Phad
- 7) Randive Rekha Animara A.A.II R.A.Rudra
- 8) Madane Shubhangi Tanaji B.A.II S.S.P.

Vocabulary

HEAD  
DEPARTMENT OF  
HUMANITIES  
S.A. COLLEGE  
WARANANAGAR

Dr. Suthadeo Raghunath Bhasale  
M.A., M.Phil., Ph.D.  
Asst. Prof.  
R.S.B. Mahavidyalaya, Aurangabad (S.A.)



| Sl. No | Name of student            | class   | signature    | date      |
|--------|----------------------------|---------|--------------|-----------|
|        |                            |         |              | 18/9/2019 |
| 1)     | Waghmare Anuja             | B.A.I   | Anuja        |           |
| 2)     | pawar Mayuri               | B.A.I   | pawar        |           |
| 3)     | Randive sanamangali satish | B.A.I   | SR           |           |
| 4)     | Saenbat bhehal manohar     | B.A.I   | Saenbat      |           |
| 5)     | Jadhav Rajeshridhejendra   | B.A.I   | Jadhav       |           |
| 6)     | Kumbhar Akash Kailas       | B.A.II  | (AK)         |           |
| 7)     | Thoset Tushar Dattatray    | B.A.II  | Thoset       |           |
| 8)     | kamble Aniket Aniljanti    | B.A.I   | kamble       |           |
| 9)     | Bhosale Aashishkumar B     | B.A.I   | Bhosale      |           |
| 10)    | Randive Rekha Ghimma       | B.A.III | R.B. Randive |           |
| 11)    | madane shubhangi Tanaji    | BA.III  | S.T. madane  |           |

Interview Techniques

Dr. Sukhadeo Raghunath Bhosale  
M.A.M.Phil.Ph.D.  
Asst. Prof

*[Signature]*

R.S.B. Mahavidyalaya, Aundh (Satara)

| Sl. No | Name of student          | class   | signature    | date      |
|--------|--------------------------|---------|--------------|-----------|
|        |                          |         |              | 19-9-2019 |
| 1)     | Saenbat bhehal manohar   | B.A.I   | Saenbat      |           |
| 2)     | Jadhav Rajeshridhejendra | B.A.I   | Jadhav       |           |
| 3)     | Kumbhar Akash Kailas     | B.A.II  | (AK)         |           |
|        | Thoset Tushar Dattatray  | B.A.II  | Thoset       |           |
| 4)     | Waghmare Anuja           | B.A.I   | Anuja        |           |
| 5)     | Randive sanam            | B.A.I   | SR           |           |
| 6)     | kamble Aniket Aniljanti  | B.A.I   | kamble       |           |
| 7)     | Bhosale Aashishkumar B   | B.A.I   | Bhosale      |           |
| 8)     | Randive Rekha Ghimma     | B.A.III | R.B. Randive |           |
| 9)     | madane shubhangi Tanaji  | BA.III  | S.T. madane  |           |

Communication Skills

*[Signature]*

HEAD,  
ENGLISH DEPARTMENT,  
R.S.B. MAHAVIDYALAY, AUNDH (SATARA)

Dr. S. S. Mahajan  
Principal  
R.S.B. Mahavidyalaya, Aundh (Satara)





| Sr No. | Name of student           | class   | sign         | Topic          |
|--------|---------------------------|---------|--------------|----------------|
|        |                           |         |              | 16/9/2019      |
| 1)     | Waghmare Anuja            | B.A.I   | Anuja        | Types of Words |
| 2)     | pewar Mayuri chandrakanti | B.A.I   | Mayuri       |                |
| 3)     | Jadhav Rajeshri Rajendrak | B.A.I   | Jadhav       |                |
| 4)     | baenobait bnebal manohar  | B.A.I   | Gms          |                |
| 5)     | Kumbhar Akash kailas      | B.A.II  | AK           |                |
| 6)     | Thorat Tuskar Dattatray   | B.A.II  | Thorat       |                |
| 7)     | Randive Suram satish      | B.A.I   | satish       |                |
| 8)     | Bhosale Anshwikumar B.    | B.A.II  | Anshwikumar  |                |
| 9)     | madane shubhangi Tanoji   | B.A.III | S.T. madane  |                |
| 10)    | Randive Rakha Ghimrao     | B.A.III | R.B. Randive |                |
| 11)    |                           |         |              |                |
| 12)    |                           |         |              |                |
| 13)    |                           |         |              |                |
| 14)    |                           |         |              |                |
| 15)    |                           |         |              |                |

HEAD,  
ENGLISH DEPARTMENT,  
R.S. PENHAR DEPAR, AURANGABAD  
R.S.B. MAHAVIDYALAY, AURANGABAD  
17/9/2019

|     |                           |         |                 |                 |
|-----|---------------------------|---------|-----------------|-----------------|
| 1)  | Kumbhar Akash kailas      | B.A.II  | AK              | Tense Structure |
| 2)  | baenobait bnebal manohar  | B.A.I   | Gms             |                 |
| 3)  | Jadhav Rajeshri Rajendrak | B.A.I   | Jadhav          |                 |
| 4)  | pewar Mayuri              | B.A.I   | Mayuri          |                 |
| 5)  | waghmare Anuja            | B.A.I   | Anuja           |                 |
| 6)  | Randive suram satish      | B.A.I   | satish          |                 |
| 7)  | Thorat Tuskar Dattatray   | B.A.II  | Thorat          |                 |
| 8)  | kamble sankal putrajaki   | B.A.I   | (kamble) sankal |                 |
| 9)  | Bhosale Anshwikumar B.    | B.A.I   | Anshwikumar     |                 |
| 10) | madane shubhangi Tanoji   | B.A.III | S.T. madane     |                 |
| 11) | Randive Rakha Ghimrao     | B.A.III | R.B. Randive    |                 |
| 12) |                           |         |                 |                 |
| 13) |                           |         |                 |                 |
| 14) |                           |         |                 |                 |
| 15) |                           |         |                 |                 |

Dr. Sukhadeo Raghunath-Bhosale  
M.A.M. Phil. Ph.D.  
Asst. Prof  
R.S.B. Mahavidyalaya, Aurangabad (S.B.)



| Sl. NO | Name of Student           | class    | Sign          | Topic  |
|--------|---------------------------|----------|---------------|--|
| 1      | Zadhav Rajendra Rajendra  | B.A. I   | Zadhav        | 20-9-2019<br><br><br><br><br><br><br><br><br><br><br><br>Synthetic structure |
| 2      | Kumbhar Akash kailas      | B.A. II  | AK            |  |
| 3      | Thorat Tushar Dattabhai   | B.A. II  | Thorat        |  |
| 4      | Waghmare Anuja            | B.A. I   | A.B. Waghmare |  |
| 5      | Randive Swatee            | B.A. I   | SSB           |  |
| 6      | Tadhav. Dahan. Hanmant.   | B.A. I   | TH            |  |
| 7      | phadtare Ramesh pandurang | B.A. I   | Rphadtare     |  |
| 8      | pasare Mayuri chandrakant | B.A. I   | Passare       |  |
| 9      | Bhosale Anshikumar B      | B.A. I   | Bhosale       |  |
| 10     | Madane shubhangi tanaji   | B.A. III | S.T. Madane   |  |
| 11     | Randive Rekha Shimara     | B.A. III | R.B. Randive  |  |

*(Signature)*

Dr. Subhadeo Raghunath Bhosale  
M.A.M. Phil. Ph.D.  
Asst. Prof  
R.S.B. Mahavidyalaya, Aurang (Satara) 9-2019

|    |                           |          |               |                      |
|----|---------------------------|----------|---------------|----------------------|
| 1  | Thorat Tushar Dattabhai   | B.A. II  | Thorat        | Self<br>Introduction |
| 2  | Kumbhar Akash kailas      | B.A. II  | AK            |                      |
| 3  | Waghmare Anuja            | B.A. I   | A.B. Waghmare |                      |
| 4  | Zadhav Rajendra Rajendra  | B.A. I   | Zadhav        |                      |
| 5  | Randive Swatee            | B.A. I   | SSB           |                      |
| 6  | Tadhav. Dahan. Hanmant.   | B.A. I   | TH            |                      |
| 7  | phadtare Ramesh pandurang | B.A. I   | Rphadtare     |                      |
| 8  | pasare Mayuri chandrakant | B.A. I   | Passare       |                      |
| 9  | Bhosale Anshikumar B      | B.A. I   | Bhosale       |                      |
| 10 | Madane shubhangi tanaji   | B.A. III | S.T. Madane   |                      |
| 11 | Randive Rekha Shimara     | B.A. III | R.B. Randive  |                      |

Dr. Subhadeo Raghunath Bhosale  
M.A.M. Phil. Ph.D.  
Asst. Prof  
R.S.B. Mahavidyalaya, Aurang





| Sr No | Name of Student           | class   | Sign        | Topic             |
|-------|---------------------------|---------|-------------|-------------------|
| 1)    | Kumbhar Akash Kailas      | B.A.II  | AK          | 23-9-2019         |
| 2)    | Thorat Tushar Dattabhai   | B.A.II  | Thorat      |                   |
| 3)    | Jadhav Sujatni Rajemchae  | B.A.I   | Jadhav      |                   |
| 4)    | Waghmare Anuja            | B.A.I   | A.Waghmare  |                   |
| 5)    | Saenobat Snehal Manohar   | B.A.I   | Sms         |                   |
| 6)    | Randive Sowdara           |         |             |                   |
| 7)    | Jadhav Rohan Hanmank      | B.A.I   | R           | Self Introduction |
| 8)    | phadtare Ramesh pamburang | B.A.I   | Rphadtare   |                   |
| 9)    | patwar Mayuri Chandrakant | B.A.I   | Patwar      |                   |
| 10)   | Bhosale Aashik Kumar R    | B.A.I   | Bhosale     |                   |
| 11)   | Randive Rekha Bhimmao     | B.A.III | R.B.Randive |                   |
| 12)   | Madane Shubhangi Tanaji   | B.A.III | S.T.Madane  |                   |

*Patwar*

**HEAD,**  
ENGLISH DEPARTMENT,  
R.S.B. MAHAVIDYALAY, AUNDH (SATARA)

| Sr No | Name of Student           | class   | Sign        | Topic             |
|-------|---------------------------|---------|-------------|-------------------|
| 1)    | Kumbhar Akash Kailas      | B.A.II  | AK          | 24-9-2019         |
| 2)    | Saenobat Snehal Manohar   | B.A.I   | Sms         |                   |
| 3)    | Jadhav Sujatni Rajemchae  | B.A.I   | Jadhav      |                   |
| 4)    | Thorat Tushar Dattabhai   | B.A.II  | Thorat      |                   |
| 5)    | Jadhav Rohan Hanmank      | B.A.I   | R           | Self Introduction |
| 6)    | phadtare Ramesh pamburang | B.A.I   | Rphadtare   |                   |
| 7)    | Randive Sowdara           | B.A.I   | R           |                   |
| 8)    | patwar Mayuri Chandrakant | B.A.I   | Patwar      |                   |
| 9)    | Bhosale Aashik Kumar R    | B.A.I   | Bhosale     |                   |
| 10)   | Randive Rekha Bhimmao     | B.A.III | R.B.Randive |                   |
| 11)   | Madane Shubhangi Tanaji   | B.A.III | S.T.Madane  |                   |

*Patwar*

Dr. Suchandan Raghunath Bhosale  
M.A.M.Phil.Ph.D.  
ASST. Prof  
R.S.B. Mahavidyalaya Aundh (Satara)

CS



| Sl. No. | Name                      | Class   | Sign        | Topic      |
|---------|---------------------------|---------|-------------|------------|
| 1       | Jadhav Rajeshri Rajendra  | B.A. I  | Jadhav      | 25-09-2019 |
| 2       | Saenobat Snehal Manohar   | B.A.I   | Sms         |            |
| 3       | Kumbhar Akash Kailas      | B.A.II  | AK          |            |
| 4       | Thorat Tushar Dattatray   | B.A.II  | Thorat      |            |
| 5       | Jadhav. Rohan. Hanuman.   | B.A. I  | R.H.        |            |
| 6       | Ramesh pandurang phadtare | B.A. I  | R.phadtare  |            |
| 7       | Randive Swarna            | B.A I   | SR          |            |
| 8       | Waghmare Anuja            | B.A.I   | Anuja       |            |
| 9       | pawar Mayuri Chandrakant  | B.A.I   | Pawar       |            |
| 10      | Bhosale Aashikkumar B     | B.A I   | Bhosale     |            |
| 11      | Randive Rakha Bhimrao     | B.A III | R.B.Randive |            |
| 12      | Madane Shubhangi Tanaji   | B.A.III | S.T.Madane  |            |

Interview questions

Sum

HEAD, ENGLISH DEPARTMENT, R.S.B. MAHAVIDYALAYA, SATARA

HEAD, ENGLISH DEPARTMENT, R.S.B. MAHAVIDYALAYA, SATARA

| Sl. No. | Name of student           | Class   | Sign        | Topic      |
|---------|---------------------------|---------|-------------|------------|
| 1       | Saenobat Snehal Manohar   | B.A.I   | Sms         | 26-09-2019 |
| 2       | Jadhav Rajeshri Rajendra  | B.A. I  | Jadhav      |            |
| 3       | Kumbhar Akash Kailas      | B.A.II  | AK          |            |
| 4       | Thorat Tushar Dattatray   | B.A.II  | Thorat      |            |
| 5       | Jadhav. Rohan. Hanuman.   | B.A. I  | R.H.        |            |
| 6       | phadtare Ramesh pandurang | B.A.I   | R.phadtare  |            |
| 7       | Randive Swarna            | B.A I   | SR          |            |
| 8       | Waghmare Anuja            | B.A.I   | Anuja       |            |
| 9       | pawar Mayuri Chandrakant  | B.A.I   | Pawar       |            |
| 10      | Bhosale Aashikkumar B     | B.A I   | Bhosale     |            |
| 11      | Randive Rakha Bhimrao     | B.A III | R.B.Randive |            |
| 12      | Madane Shubhangi Tanaji   | B.A.III | S.T.Madane  |            |

Self Intro.

Shubhangi





| Sl No | Name of Student          | Class    | Sign        | Topic             |
|-------|--------------------------|----------|-------------|-------------------|
| 1     | Thorat Tukar Dattabhai   | B.A. II  | Thorat      | Self Introduction |
| 2     | Kumbhar Abash Kulkarni   | B.A. II  | AK          |                   |
| 3     | Jadhav Rajendra Rajendra | B.A. I   | Jadhav      |                   |
| 4     | Srinivas bhatu ramesh    | B.A. I   | Srinivas    |                   |
| 5     | Jadhav. Rohan. Hanuman   | B.A. I   | Jadhav      |                   |
| 6     | phadkar Ramesh pandurang | B.A. I   | Phadkar     |                   |
| 7     | Rondive. Sankar          | B.A. I   | Rondive     |                   |
| 8     | Anuja wagmare            | B.A. I   | Anuja       |                   |
| 9     | patil Mayuri chandrakant | B.A. I   | Patil       |                   |
| 10    | Bhosale Aashikumar B     | B.A. I   | Bhosale     |                   |
| 11    | Rondive Rekha Bhimrao    | B.A. III | Rondive     |                   |
| 12    | Madane Shubhangi Tanaji  | B.A. III | S.T. Madane |                   |

Dr. Sukhdeo Raghunath Bhosale  
M.A.M. Phil. Ph.D.  
Asst. Prof  
R.S.B. Mahavidyalaya Aundh (Satara)

| Sl No | Name of Student          | Class    | Sign        | Topic                     |
|-------|--------------------------|----------|-------------|---------------------------|
| 1     | Thorat Tukar Dattabhai   | B.A. II  | Thorat      | Eng for Competitive Exam. |
| 2     | Kumbhar Abash Kulkarni   | B.A. II  | AK          |                           |
| 3     | Srinivas bhatu ramesh    | B.A. I   | Srinivas    |                           |
| 4     | Jadhav Rajendra Rajendra | B.A. I   | Jadhav      |                           |
| 5     | Kamble Sanket Sanket     | B.A. I   | Kamble      |                           |
| 6     | Jadhav. Rohan. Hanuman   | B.A. I   | Jadhav      |                           |
| 7     | phadkar Ramesh pandurang | B.A. I   | Phadkar     |                           |
| 8     | Rondive. Sankar          | B.A. I   | Rondive     |                           |
| 9     | Anuja wagmare            | B.A. I   | Anuja       |                           |
| 10    | patil Mayuri chandrakant | B.A. I   | Patil       |                           |
| 11    | Bhosale Aashikumar B     | B.A. I   | Bhosale     |                           |
| 12    | Rondive Rekha Bhimrao    | B.A. III | Rondive     |                           |
| 13    | Madane Shubhangi Tanaji  | B.A. III | S.T. Madane |                           |

Dr. Sukhdeo Raghunath Bhosale  
M.A.M. Phil. Ph.D.  
Asst. Prof  
R.S.B. Mahavidyalaya Aundh (Satara)



| Sl. NO | Student Name              | class  | sign         | Topic     |
|--------|---------------------------|--------|--------------|-----------|
|        |                           |        |              | 29/9/2019 |
| 1)     | Waghmare Anuja            | B.A.I  | Anuja        |           |
| 2)     | patwar Mayuri Chandrakant | B.A.I  | Patwar       |           |
| 3)     | Saenobet Snehal Manohar   | B.A.I  | Saenobet     |           |
| 4)     | Jadhav Rajeshri Rajendra  | B.A.I  | Jadhav       |           |
| 5)     | Jadhav. Pohan. Harmanant. | B.A-I  | Jadhav       |           |
| 6)     | phadkare Ramesh           | B.A.I  | Ramesh       |           |
| 7)     | Kamble Santal Satyashil   | B.A-I  | Kamble       |           |
| 8)     | Bhasale Anshikumar B.     | B.A.I  | Bhasale      |           |
| 9)     | Madane Shubhangi Tanaji   | B.A.II | S.T. Madane  |           |
| 10)    | Randive Rekha Bhimrao     | B.A.II | R.B. Randive |           |
| 11)    |                           |        |              |           |
| 12)    |                           |        |              |           |
| 13)    |                           |        |              |           |
| 14)    |                           |        |              |           |
| 15)    |                           |        |              |           |

Voluntary for Competitive Exam

Dr. Sukhdeo Raghunath Shastri  
M.A. M. Phil. Ph.D.  
Asst. Prof  
R.S.B. Mahavidyalaya Aurich (Sat)

| Sl. NO | Student Name              | class  | sign         | Topic     |
|--------|---------------------------|--------|--------------|-----------|
|        |                           |        |              | 30/9/2019 |
| 1)     | Waghmare Anuja            | B.A.I  | Anuja        |           |
| 2)     | patwar Mayuri Chandrakant | B.A.I  | Patwar       |           |
| 3)     | Kamble Santal Satyashil   | B.A.I  | Kamble       |           |
| 4)     | Saenobet Snehal Manohar   | B.A.I  | Saenobet     |           |
| 5)     | Jadhav Rajeshri Rajendra  | B.A.I  | Jadhav       |           |
| 6)     | Jadhav. Pohan. Harmanant. | B.A-I  | Jadhav       |           |
| 7)     | phadkare Ramesh           | B.A.I  | Ramesh       |           |
| 8)     | Kamble Santal Satyashil   | B.A-I  | Kamble       |           |
| 9)     | Bhasale Anshikumar B.     | B.A.I  | Bhasale      |           |
| 10)    | Madane Shubhangi Tanaji   | B.A.II | S.T. Madane  |           |
| 11)    | Randive Rekha Bhimrao     | B.A.II | R.B. Randive |           |
| 12)    |                           |        |              |           |
| 13)    |                           |        |              |           |
| 14)    |                           |        |              |           |
| 15)    |                           |        |              |           |

English Fluent Talk

Dr. Sukhdeo Raghunath Shastri  
M.A. M. Phil. Ph.D.  
Asst. Prof





| sr no | Name of student             | class   | sign        |   |
|-------|-----------------------------|---------|-------------|---|
|       |                             |         |             | 11/10/2019  |
| 1)    | Waghmare Anuja              | B.A.I   | Anuja       |   |
| 2)    | power mayuraj chandrakant   | B.A.I   | Power       |   |
| 3)    | Kamble Santak Satyashil     | B.A.I   | Santak      |   |
| 4)    | Saenobat Snehal manohar     | B.A.I   | Sms         | Role  |
| 5)    | Zadhav Rajeshri Rajendra    | B.A.I   | Zadhav      | play in   |
| 6)    | Jadhav Pohan Harmanat       | B.A.I   | Pohan       |   |
| 7)    | Thadhare. Ramesh. Pandurang | B.A.I   | Ramesh      | English   |
| 8)    | Kamble Santak Satyashil     | B.A.I   | Santak      | play  |
| 9)    | Bhosale Aashik Kumar B      | B.A.I   | Ashik       | Dr. Sukhdeo Raghunath Bhoos<br>M.A.M.Phil.Ph.D.<br>Asst. Prof |
| 10)   | madane shubhangi T.         | B.A.II  | S. T madane |   |
|       | Randive Rekha Bhimrao       | B.A.III | R.B.Randive | Dr. S.B. Mahavidyalaya Aunth ( Salt<br>10/12/2019             |
| 1)    | Pethak Kalyani S.           | BAIII   | Pethak      |   |
| 2)    | Howale Adinath Khandasa     | BA.III  | Howale      |   |
| 3)    | Kamble Santak Satyashil     | B.A.I   | Santak      |   |
| 4)    | Saenobat Snehal manohar     | B.A.I   | Sms         |   |
| 5)    | Zadhav Rajeshri Rajendra    | B.A.I   | Zadhav      |   |
| 6)    | Waghmare Anuja Bajirao      | B.A.I   | AWaghmare   | Role play   |
| 7)    | power mayuraj chandrakant   | BA.I    | Power       |   |
| 8)    | Jadhav. Pohan. Harmanat.    | B.A.I   | Pohan       | in  |
| 9)    | Thadhare. Ramesh. Pandurang | B.A.I   | Ramesh      | English   |
| 10)   | Kamble Santak Satyashil     | B.A.I   | Santak      |   |
| 11)   | Bhosale Aashik Kumar B      | B.A.I   | Ashik       |   |
| 12)   | Randive Rekha Bhimrao       | B.A.III | R.B.Randive | 11/12/2019  |
| 1)    | Waghmare Anuja              | B.A.I   | AWaghmare   |   |
| 2)    | Pethak Kalyani              | BAIII   | Pethak      |   |
| 3)    | power mayuraj chandrakant   | BA.I    | Power       |   |
| 4)    | Saenobat Snehal manohar     | B.A.II  | Sms         |   |
| 5)    | Zadhav Rajeshri Rajendra    | B.A.I   | Zadhav      |   |
| 6)    | Kamble Santak Satyashil     | B.A.I   | Santak      |   |
| 7)    | Jadhav Pohan Harmanat       | B.A.I   | Pohan       | Dr. Sukhdeo Raghunath Bhoos<br>M.A.M.Phil.Ph.D.<br>Asst. Prof |
| 8)    | Thadhare Ramesh Pandurang   | B.A.I   | Ramesh      | Dr. S.B. Mahavidyalaya Aunth ( Salt                           |
| 9)    | Kamble Santak Satyashil     | B.A.I   | Santak      |   |
| 10)   | Aashik Kumar B. Bhosale     | B.A.I   | Ashik       |   |
| 11)   | Randive Rekha Bhimrao       | B.A.III | R.B.Randive |   |

CS

17/12/2019



| Sr No | Student name            | class   | Sign                    | Topic                      |
|-------|-------------------------|---------|-------------------------|----------------------------|
|       | Waghmare Anuja          | B.A.I   | <del>ABaghye</del>      |                            |
|       | Pasthak Kalyani         | B.A.II  | <del>Kasthak</del>      |                            |
|       | paوار Mayuri            | B.A-I   | <del>Prasart</del>      |                            |
|       | madane shubhangi        | B.A.III | <del>S.T.madane</del>   |                            |
|       | SciEnobret Snehal       | B.A.I   | <del>ams</del>          |                            |
|       | Jadhav Rajeshri         | B.A.I   | <del>Jadhav</del>       | fake play<br>in<br>English |
|       | Tadhav Rohan            | B.A-I   | <del>Roh</del>          |                            |
|       | Phadture Ramesh         | B.A-I   | <del>Ramesh</del>       |                            |
|       | kamble Anket Satyashil  | B.A.I   | <del>Anket kamble</del> |                            |
|       | Bhosale Aashik Kumar B  | B.A.I   | <del>Bhosale</del>      |                            |
|       | madane shubhangi ranaji | B.A.II  | <del>S.T.madane</del>   |                            |
|       | Randive Rakha Animesh   | B.A.III | <del>R.A.Randive</del>  |                            |

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21-12-2019

Dr. Sukhdeo Raghunath Bhosale  
M.A.M.Phil.Ph.D.  
Asst Prof

|    |                            |         |                         |             |
|----|----------------------------|---------|-------------------------|-------------|
| 1] | Jadhav Rajeshri Rajarobret | B.A.I   | <del>Rajeshri</del>     |             |
| 2] | SciEnobret Snehal manohar  | B.A.I   | <del>ams</del>          | Self        |
| 3] | Tadhav Rohan Hanmakul      | B.A-I   | <del>Roh</del>          | Instructive |
| 4] | Phadture Ramesh Pandurang  | B.A-I   | <del>Ramesh</del>       |             |
| 5] | kamble Anket Satyashil     | B.A.I   | <del>Anket kamble</del> |             |
| 6] | paوار Mayuri chandrakant   | B.A.I   | <del>paوار</del>        |             |
| 7] | Bhosale Aashik Kumar B     | B.A.I   | <del>Bhosale</del>      |             |
| 8] | 2019 Randive Rakha B       | B.A.III | <del>R.A.Randive</del>  |             |

24-12

|    |                           |         |                        |  |
|----|---------------------------|---------|------------------------|--|
| 1] | madane shubhangi T        | B.A.II  | <del>S.T.madane</del>  |  |
| 2] | SciEnobret Snehal manohar | B.A.I   | <del>ams</del>         |  |
| 3] | paوار Mayuri chandrakant  | B.A.I   | <del>paوار</del>       |  |
| 4] | Waghmare Anuja            | B.A.I   | <del>Anuja</del>       |  |
| 5] | Jadhav Rohan              | B.A.I   | <del>Roh</del>         |  |
| 6] | Bhosale Aashik Kumar B    | B.A.I   | <del>Bhosale</del>     |  |
| 7] | Randive Rakha Animesh     | B.A.III | <del>R.A.Randive</del> |  |
| 8] | madane shubhangi T        | B.A.III | <del>S.T.madane</del>  |  |

Dr. Sukhdeo Raghunath Bhosale  
M.A.M.Phil.Ph.D.  
Asst Prof

R.S.B.Mahavidyalaya Aundh (Satara)






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06-12-2019



| Sl. No   | Student name              | Class  | Sign         | Topic   |
|--|---------------------------|--------|--------------|---|
| 1  | Saenobert Snehalmunohar   | B.A.I  | ams          |   |
| 2  | paawar Mayuri chandrakant | B.A.I  | Pawar        |   |
| 3  | Weighmore Anuja           | B.A.I  | Anuja        |   |
| 4  | Jadhav. Rohan. Harman     | B.A.I  | RJ           |   |
| 5  | Bhosale Aashishkumar B.   | B.A.I  | Bhosale      |   |
| 6  | madane Shubhangi T.       | B.A.II | S.T. madane  |   |
| - pragmatic English Theory Exam 21/1/2020  |                           |        |              |   |
| 1)   | Jadhav. Rohan. Harman     | B.A. I | RJ           |   |
| 2)   | Pastak Kalyani Shrikrusha | B.A.II | Pastak       |   |
| 3)   | Randive Aniket Abhaji     | B.A.I  | Randive      |   |
| 4)   | Randive. Sarada. Satish   | B.A.I  | SR           |   |
| 5)   | Randive Rekha B.          | B.A.II | R.B. Randive |   |
| 6)   | madane shubhangi T.       | B.A.II | S.T. madane  |   |
| 7)   | Patale Haresharda Satish  | B.A.II | Patale       | Self Introduction   |
| 8)   | Saenobert Snehalmunohar   | B.A.I  | ams          |   |
| 9)   | Jadhav Rajashri           | B.A.I  | Jadhav       |   |
| 10)  | Bhosale Aashishkumar B.   | B.A.I  | Bhosale      |   |
| 11)  |                           |        |              |   |
|  |                           |        |              | <br>21/1/2020.        |
|  |                           |        |              | Dr. Subhadaso Raghunath Bhosale<br>M.A.M.Phil.Ph.D.<br>Asst. Prof<br>R.S.B. Mahavidyalaya, Aundh (Satara) |
| <br>I/C PRINCIPAL<br>Raja Shripatrao Bhagwantrao<br>Mahavidyalaya, Aundh (Satara) |                           |        |              |   |
|   |                           |        |              |   |



SHIVAJI UNIVERSITY, KOLHAPUR  
Bank Receipt

Sl. No. : 91705  
Receipt Date : 23/12/2019  
Received From : THE PRINCIPAL, RAJA SHRIPATRAO  
BHADWANTRAO MAHAVIDYALAYA AUNDH  
Deposit In A/c : A/c - 1 UCO Bank Shivaji University  
Mode of Inst. : By Cash  
Drawee Bank : VIDYANAGAR

| Sl. No.     | Particular              | Budget   | Amount   |
|-------------|-------------------------|----------|----------|
| 1.          | Fees from courses under | A.37 R.2 | 2,100.00 |
| Total (Rs.) |                         |          | 2,100.00 |

Rupees TWO THOUSAND ONE HUNDRED ONLY.

Depositor Copy : -

M. S. K. S.  
Authorized Signatory

Note : The Receipt is subject to the realization of Cheque



श्रील. शरीर. जन्मन  
औद्य. शिक्षण संस्था, औद्य.

**राजा श्रीपतराव भगवंतराव महाविद्यालय, औंध(सातारा)**  
(कला व विज्ञान)

Web-site - [www.rsbmaundh.ac.in](http://www.rsbmaundh.ac.in)  
वेबसाइट

दुरध्वनी - २२११२२८२२२  
Email : [rsbmaundh@gmail.com](mailto:rsbmaundh@gmail.com)  
आलय

श्रीमंत मायत्रीदेवी भगवंतराव पंतप्रतिनिधी  
राणीसाहेब, औंध

भा. ना. अजितदाया पवारसाहेब

( शिवाजी विद्यापीठ कोल्हापूर, सनवरी )

Aff/F 2/New College/6695 dt. 14-09-1994 M.S. Govt. NGC/3594/7356-ME-3 dt. 5-9-1994

प्र. प्राचार्य-डॉ. श्री भंडारे एस.जे. एम.ए.एम.फिल पीएच.डी.

घषणधनी 8484988438

जा. क्र. - रात्रीमम / ३१० / 2019-20

दिनांक : 21/12/2019

प्रति,

भा.प्र.संचालकसौ,  
आजीवन अध्ययन व विस्तार विभाग,  
शिवाजी विद्यापीठ, कोल्हापूर.

विषय: परीक्षा फॉर्म स्विकारणेबाबत

संदर्भ: एसयु/टीएलएलई/दि. ०९.१२.२०१९चे पत्र

महोदया,

उपरोक्त संदर्भात पत्रान्वये आमच्या महाविद्यालयास आपल्या विभागांतर्गत पॅम्पेटिक इंग्लिश हा  
अभ्यासक्रम सुरू असून या अभ्यासक्रमाचे परीक्षा फॉर्म व त्याचे शुल्क जमा करित आहे.

| अ.क्र | तपशील  | विद्यार्थी संख्या | रक्कम<br>(रु.) |
|-------|--|-------------------|----------------|
| १     | परीक्षा शुल्क (७० टक्के प्रमाणे प्रत्येकी रु.१४०/- ) | १५                | २१००           |
|       | एकूण रक्कम   |                   | २१००           |

वरील प्रमाणे एकूण रक्कम रु. २१००/- (अक्षरी रु. दोन हजार शंभर फक्त) रोबा स्वसंपात  
जमा करित आहे. तरी कृपया त्याचा स्विकार व्हावा. ही विनंती

आपला विश्वासू,

*Sharda*  
PRINCIPAL

Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)

Received  
Mand  
आजीवन अध्ययन व विस्तार विभाग  
शिवाजी विद्यापीठ, कोल्हापूर

डॉ. (श्रीमती) सुमन कृ. बुवा  
बी.एड., एम.एड., डी.ए.ई., डी.पी.ई., पी.एच.डी.  
**Dr. (Smt) Suman K. Buwa,**  
B.Ed., M.S.W., D.A.E., D.P.E., Ph.D.  
Uc DIRECTOR & Head



शिवाजी विद्यापीठ, कोल्हापूर - ४१६  
आजीवन अध्यापन व विस्तार विभाग,  
**SHIVAJI UNIVERSITY, KOLHAPUR - 416004**  
DEPARTMENT OF LIFELONG LEARNING AND  
EXTENSION,



एसयू/डीएलएलई/

दि 09/01/2020

प्रति,  
आचार्य

|   |  |   |   |
|---|--|---|---|
| १ | सधाशिवराव मंडलिक महाविद्यालय, मुरुगुड  | ✓ | राजा श्रीपतराव भगवंतराव महाविद्यालय, औंध              |
| २ | आमदार शशिकान्त शिंदे महाविद्यालय, भेडा | ✗ | मातोश्री बमबाई श्रीपतराव कचम कल्या महाविद्यालय, कडेगल |

विषय: Pragmatic English अध्यापक पद परीक्षेच्या वेळापत्रक व परीक्षा साहित्याबाबत.

महोदय / महोदया,

उपरोक्त संदर्भित पत्रान्वये आपणात Pragmatic English चा निरंतर शिक्षण अभ्यासक्रमाची परीक्षेचे वेळापत्रक सादर करण्याचे आहे.

| परीक्षेची सारणी |            | वेळ                   | विषय        |
|-----------------|------------|-----------------------|-------------|
| वार             | दिनांक     |                       |             |
| मंगळवार         | २१/०१/२०२० | स. ११.०० ते दु. ०१.३० | पैपर क्र. १ |

परीक्षा प्रमाणे सर्व संबंधित शिक्षक, प्रकल्पधिकारी व विद्यार्थी यांना सूचित करण्यात यावे व या परीक्षेचे साहित्य दि. १८/०१/२०२० पासून विभागात उपलब्ध असेल.

बळावे.

आपली विश्वासू,

*Suman*

(श्रीमती डॉ. सुमन बुवा)

प्र. संचालक व विभागप्रमुख

डॉ.  
Dr. Bhosale S.R.  
11/1/2020

राजा श्रीपतराव भगवंतराव महा. औंध  
आयुक्त पत्र क्र. 105  
दिनांक: 4/1/2020  
संदर्भ क्र.:

Tel. : (Office) (0231) 2609151, (Uc Director) (0231) 2609150, Mobile - 9011001514

E-mail : gre@unishivaji.ac.in, skbuwa@vmail.com

D:\S Baki\Exam Letter 19-20.docx



SHIVAJI UNIVERSITY KOLHAPUR

RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA AUNDH

PRAGMATIC COURSE 2019-20

Exam Attendance



Date: 21/1/2020

| Sr. No | Students Name              | Seat No. | Signature |
|--------|----------------------------|----------|-----------|
| 1.     | Adinath Khanderao Howale   | 48       |           |
| 2      | Akash Kailash kumbhar      | 46       |           |
| 3.     | Aniket Dhanaji Randive     | 53       |           |
| 4.     | Anuja Bajirang Waghmare    | 42       |           |
| 5.     | Ashishkumar Balaso Bhosale | 54       |           |
| 6.     | Harshada Satish Patole     | 49       |           |
| 7.     | Kalyani Shrikrishna Pathak | 43       |           |
| 8.     | Mayuri Chandrakant pawar   | 41       |           |
| 9.     | Rajashri Rajendra Jadhav   | 45       |           |
| 10.    | Rekha Bhimrao Randive      | 50       |           |
| 11.    | Rohan Hanmant Jadhav       | 55       |           |
| 12.    | Shubhangi Tanaji Madane    | 52       |           |
| 13.    | Suehal Manohar Sarnobat    | 44       |           |
| 14     | Swaranjali Satish Randive  | 51       |           |
| 15.    | Tushar Dattatraya Thorat   | 47       |           |

Dr. Sukhdeo Rajeshwar Bhosale  
Course Coordinator  
M.A.M.Phil, Ph.D.  
Asst. Prof  
R.S.B. Mahavidyalaya Aundh (Satara)

Principal  
I/C PRINCIPAL  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)



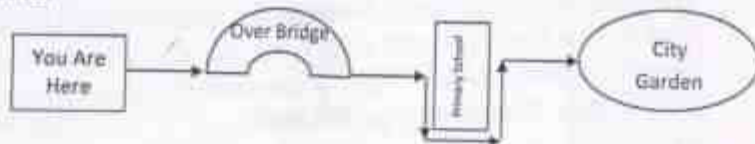
Shivaji University, Kolhapur  
Department of Lifelong Learning and Extension  
**A COURSE IN PRAGMATIC ENGLISH**

Day: TUE  
Date: 21-1-2020

Time: 11 a.m. to 1:30 p.m.  
Total Marks: 70

Que. IA) Give appropriate responses to the following situations: 6

- i. You are late for your lecture but your friend is very slow.
- ii. You are very angry at the motorcyclist who dashed you.
- iii. You want to call friends for your birthday today!
- iv. Rajesh is your best friend but he is careless about his exam.
- v. Chintu has seen aeroplane for the first time!
- vi. With the help of following map, give direction to a stranger to go the City Garden:



B) Fill in the blanks and complete the following conversational chunks: 9

- i) Teacher: .....?  
Student: Sorry, sir I was not feeling yesterday.  
Teacher: What was wrong with your health?  
Student: Sir, .....  
Teacher: Did you visit your doctor for fever?  
Student: Yes. He advised me to take rest for a day.  
Teacher: Ok.....today?  
Student: I am feeling fresh today, Thank you.  
Teacher: .....! But don't miss your school again.
- ii) Shop owner: Welcome madam, What ..... you?  
Meena: I want a .....  
Shop owner: Which beauty cream you want?  
Meena: .....?  
Shop owner: No Ponds but we have Garnier beauty cream.  
Meena: How.....?





- iii) ..... sun rises in the East.
- iv) Th chief guest arrived .....hour late for the programme.

**C) Change the following sentences as directed:** 3

- i) the king said i shall give you one thousand gold coins  
*(Rewrite the sentence with correct punctuation/on marks)*
- ii) The Prime Minister visited America last week.  
*(Make this a negative sentence)*
- iii) The guests offered a bouquet to the newly married couple.  
*(Change the voice)*

**D) Do as directed in the brackets.** 4

- i) develop, popular (Make Nouns)
- ii) happiness, luck (Make Adjectives)
- iii) correct, bad (Make Adverbs)
- iv) fat, long (Give Antonyms)

**Que. 4 A) Fill in the blanks with appropriate words given in the brackets:** 2

(saloon, junction, hospital, temple, palace, police station, shop)

- i) The king lives in the .....
- ii) The doctor treat the patient in the .....
- iii) All trains arrive at the .....
- iv) Barber shaves people in his .....

**B) Match the following body parts in column 'A' with their functions in column 'B':** 3

|      | 'A'    | 'B'   |
|------|--------|-------|
| i)   | Tongue | Touch |
| ii)  | Nose   | Chew  |
| iii) | Eyes   | Taste |
| iv)  | Ears   | Smell |
| v)   | Skin   | See   |
| vi)  | Teeth  | Hear  |



"Shiksha, Shakti, Adhyayan"

University  
Aff/F.2/New College/ 6695,  
Dt.14-09-1994

M.S.Govt  
NGC/3594/7356-ME-3- Dt.  
5-9-1994

राजा श्रीपतराव भगवंतराव महाविद्यालय,औंध

(सातारा) दृढपत्ती, २२१६१-२२२१११

(कला व विज्ञान) दृढपत्ती, २२१६१-२२२१११

पंजीकृत  
श्रीमंत बायकोदेवी भगवंतराव पंतप्रतिष्ठान सौ. नर. अमितादास पवारसाहेब  
राणीसाहेब, औंध उपमुख्यमंत्री, महाराष्ट्र राज्य  
Web-site - www.rshataundh.org Email - aundhcollege@gmail.com  
Reaccredited with B grade

आचार्य जी. शिवाजी साहेब जी. M.A., M.Phil., Ph.D.

दूरध्वनी - 9921207920

ज. क्र. सश्रीधम/ १२६ / २०१९-२०

दिनांक : २४/ ०९ / २०२०

प्रति,

मा. प्र. संचालक व विभागप्रमुख  
आजीवन अभ्ययन व विस्तार विभाग,  
शिवाजी विद्यापीठ, कोल्हापूर

विषय :- अंतर्गत गुण व शिस्तक उत्तरपत्रिका स्विकारणे बाबत

महोदय,

आमचे महाविद्यालयात आपल्या विभागासाठी " Pragmatic English " अभ्यासक्रम चालविला जातो. त्याची परीक्षा दि. २१.०९.२०२० रोजी संपन्न झाली. त्या विद्यार्थ्यांचे उत्तरपत्रिका आपल्या कार्यालयास सादर करित आहे.

ठरी कृपया त्यांचा स्विकार व्हावा ही विनंती.

आपला विश्वासू,



I/C PRINCIPAL

Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)

1529

प्रौढ आणि निरंतर शिक्षण व विस्तार कार्य विभाग

SHIVAJI UNIVERSITY, KOLHAPUR

(Answerbooks Account Form)

Name of the Examination Centre : R.S.B.M. Bhandh. 4. Subject & Paper : \_\_\_\_\_

Name of the Examination/s : A course in Pragmatic English. 5. B. No. : \_\_\_\_\_

Date of the Examination & Time : 21/01/2020 6. Name of the Jr. Supervisor : \_\_\_\_\_

11:00 to 1:00 PM

Total No. of A. B.s supplied to the Jr. Supervisor from \_\_\_\_\_ to \_\_\_\_\_ Total : \_\_\_\_\_



| Sl. No. of the Answerbooks supplied to the Candidates | Seat Number of the candidates to whom Answerbooks is given | Sl. No. | Sl. No. of the Answerbooks supplied to the Candidates | Seat Number of the candidates to whom Answerbooks is given |
|---|--|---------|---|--|
| 5166  | 41   | 21      | /   | /  |
| 5167  | 42   | 22      |   |  |
| 5168  | 43   | 23      |   |  |
| 5169  | 44   | 24      |   |  |
| 5170  | 45   | 25      |   |  |
| 1476  | 46   | 26      |   |  |
| 1477  | 47   | 27      |   |  |
| 1498  | 48   | 28      |   |  |
| 1499  | 49   | 29      |   |  |
| 1500  | 50   | 30      |   |  |
| 1174  | 51   | 31      |   |  |
| 1175  | 52   | 32      |   |  |
| 1176  | 53   | 33      |   |  |
| 2099  | 54   | 34      |   |  |
| 3000  | 55   | 35      |   |  |
|   |  | 36      |   |  |
|   |  | 37      |   |  |
| <u>total -</u>  | <u>15</u>  | 38      |   |  |
|   |  | 39      |   |  |
|   |  | 40      |   |  |

| Sl. No. of the Answerbooks returned to the Sr. Supervisor from _____ to _____ | Sl. No. of the Answerbooks returned to the Sr. Supervisor from _____ to _____ | Sl. No. of the Answerbooks returned to the Sr. Supervisor from _____ to _____ | Sl. No. of the Answerbooks returned to the Sr. Supervisor from _____ to _____ |
|---|---|---|---|
|   |   |   |   |
|   |   |   |   |
|   |   |   |   |
|   |   |   |   |

Instruction : Jr Supervisors are requested to fill in the statement (green overleaf) showing the number of Answerbooks supplied to each candidate at the time of the Examination.

Total No. of A. B.s returned to the Sr. Supervisor from \_\_\_\_\_ to \_\_\_\_\_ Total : \_\_\_\_\_

[Signature] (Jr. Sr. Supervisor S.R.)

Sl. No. of Sr. Supervisor : \_\_\_\_\_

No. **4373** प्रौढ आणि निरंतर शिक्षण व विस्तार कायदा विभाग  
SHIVAJI UNIVERSITY, KOLHAPUR

SUPERVISOR'S REPORT



Subject/विषय :- A course in pragmatic English Examination/परीक्षा :- Practical

Paper                      Section                      Centre / केंद्र :-                     

Paper Code No.                      Block No.                      Form No. 41 to No. 55

Total strength of the Block 15 Question Paper Code No.                     

| Examination Seat Numbers of Candidates Appeared |    |    |    | Examination Seat Nos. of Candidates absent |  |
|---|----|----|----|--|--|
| 1   | 41 | 11 | 51 | 21   |  |
| 2   | 42 | 12 | 52 | 22   |  |
| 3   | 43 | 13 | 53 | 23   |  |
| 4   | 44 | 14 | 54 | 24   |  |
| 5   | 45 | 15 | 55 | 25   |  |
| 6   | 46 | 16 |    | 26   |  |
| 7   | 47 | 17 |    | 27   |  |
| 8   | 48 | 18 |    | 28   |  |
| 9   | 49 | 19 |    | 29   |  |
| 10  | 50 | 20 |    | 30   |  |
| Total   | 15 |    |    |  |  |

Date 21/01/2020

Junior Supervisor Asst Prof. Pratik S.R.

Checked by another Junior Supervisor                     

Senior Supervisor                     

Seat numbers of Candidates who have given up their answer-books before the ringing of the first bell at the end of the Examination.

| Seat No. | Remarks |
|----------|---------|
|          |         |
|          |         |
|          |         |
|          |         |
|          |         |

I, hereby certify that I have verified that the Number of Main Answer-book and Extra Answer books submitted by each candidate in the block, tallies with the number shown by the candidate on the cover page of the Main Answer-book.

Date 21/1/2020

                      
Junior Supervisor

SHIVAJI UNIVERSITY KPLHAPUR  
RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA AUNDH



PRAGMATIC COURSE 2019-20  
Oral Exam - Mark - sheet  
Oral Test  
- 14.01.2020

| Sr. No | Students Name              | Seat No. | Marks |
|--------|----------------------------|----------|-------|
| 1.     | Adinath Khanderao Howale   | 48       | 25    |
| 2      | Akash Kailash kumbhar      | 46       | 22    |
| 3.     | Aniket Dhanaji Randive     | 53       | 20    |
| 4.     | Anuja Bajirang Waghmare    | 42       | 28    |
| 5.     | Ashishkumar Balaso Bhosale | 54       | 22    |
| 6.     | Harshada Satish Patole     | 49       | 23    |
| 7.     | Kalyani Shrikrishna Pathak | 43       | 28    |
| 8.     | Mayuri Chandrakant pawar   | 41       | 21    |
| 9.     | Rajashri Rajendra Jadhav   | 45       | 22    |
| 10.    | Rekha Bhimrao Randive      | 50       | 23    |
| 11.    | Rohan Hanmant Jadhav       | 55       | 25    |
| 12.    | Shubhangi Tanaji Madane    | 52       | 23    |
| 13.    | Snehal Manohar Sarnobat    | 44       | 25    |
| 14     | Swaranjali Satish Randive  | 51       | 22    |
| 15.    | Tushar Dattatraya Thorat   | 47       | 20    |

  
Controller of Examinations  
R.S.B. Mahavidyalaya, Aundh (Satara)

  
HEAD

ENGLISH DEPARTMENT  
R.S.B. MAHAVIDYALAYA AUNDH (SATARA)

  
HEAD  
ENGLISH DEPARTMENT  
R.S.B. MAHAVIDYALAYA AUNDH (SATARA)





SHIVAJI UNIVERSITY KOLHAPUR  
DEPARTMENT OF LIFELONG LEARNING & EXTENSION  
PRAGMATIC ENGLISH CERTIFICATE COURSE 2019-20  
COURSE DURATION 3 MONTHS: 5 Sept, 2019 to 30 Dec, 2019.

Time Table

| Day       | Time                    |  |
|-----------|-------------------------|--|
| Monday    | 9.30 a.m. to 11.00 a.m. |  |
| Tuesday   | 9.30 a.m. to 11.00 a.m. |  |
| Wednesday | 9.30 a.m. to 11.00 a.m. |  |
| Thursday  | 9.30 a.m. to 11.00 a.m. |  |
| Friday    | 9.30 a.m. to 11.00 a.m. |  |
| Saturday  | 9.30 a.m. to 11.00 a.m. |  |

*R. S. Mahapatra*  
Course Coordinator  
Dr. S. K. Mahapatra  
M.A., M.Phil., Ph.D.  
Asst. Prof.  
R. S. Mahapatra, Aunkh (Salare)

*S. K. Mahapatra*  
Principal  
General

SHIVAJI UNIVERSITY KOLHAPUR  
DEPARTMENT OF LIFE LONG LEARNING & EXTENSION  
PRAGMATIC ENGLISH CERTIFICATE COURSE 2019-20  
COURSE DURATION 3 MONTHS : 3 Sept, 2019 to 30 Dec, 2019.

| Sr. no. | Name of Student              | Village     | Class   | Category |
|---------|------------------------------|-------------|---------|----------|
| 1       | Pathak Kalyani Shrikrishna   | Aundh       | B.A.III | Open     |
| 2       | Randive Rekha Bhimrao        | Aundh       | B.A.III | SC       |
| 3       | Madane Shubhangi Tanaji      | Vnrud       | B.A.III | VJNT     |
| 4       | Patole Harshada Satish       | Jalgan      | B.A.III | VJNT     |
| 5       | Howale Adinath Khandekar     | Holicho Gas | B.A.III | SC       |
| 6       | Thorat Tuskar Dattatraya     | Rahitani    | B.A.II  | Open     |
| 7       | Kumbhar Akash Kailas         | Aundh       | B.A.II  | OBC      |
| 8       | Randive Aniket dhanaji       | Aundh       | B.A.I   | SC       |
| 9       | Jadhav Rohan Hanmant         | Aundh       | B.A.I   | VJNT     |
| 10      | Bhosale Ashokkumar Balraohib | Kupti       | B.A.I   | SC       |
| 11      | Pawar Mayuri Chandrakant     | Aundh       | B.A.I   | SC       |
| 12      | Waghmare Auja Bajrang        | Vnrud       | B.A.I   | SC       |
| 13      | Randive Swarnjali Satish     | Aundh       | B.A.I   | SC       |
| 14      | Sarnobat Snehal Manohar      | Bhushangad  | B.A.I   | Open     |
| 15      | Jadhav Rajashri Rajendra     | Bhamburda   | B.A.I   | Open     |


SC - 07 ST-00 VJNT - 03 OBC-01 Open-04 = 15

Fee = Admission fee  $15 \times 25 = 375$

Alumni Fee  $25 \times 5 = 125$

Tuition Fee  $100 \times 15 = 1500$

Total Fee = 2250/-

  
Dr. Sukhdeo Raghunath Bhosale  
M.A.M, Phil, Ph.D.  
Asst. Prof  
R.S.B Mahavidyalaya, Aundh (Setara)

  
# PRINCIPAL  
Raja Shripatrao Bhagwantrao  
Setara, Dist. Kolhapur (Setara)



डॉ. (श्रीमती) सुमन कृ. बुवा  
 M.Com., M.A., M.S.W., D.A.E., D.P.E., Ph.D.  
**Dr. (Smt.) Suman K. Buwa,**  
 U/c DIRECTOR & Head



शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४  
 आजीवन अध्ययन व विस्तार विभाग,  
**SHIVAJI UNIVERSITY, KOLHAPUR - 416 004**  
 DEPARTMENT OF LIFELONG LEARNING AND  
 EXTENSION,

एसयू/टीएनएसई/

दि. ०९/०९/२०२०

प्रति,  
 मा. प्राचार्य,

|   |  |   |   |
|---|--|---|---|
| १ | सदाशिवराव मंडलिक महाविद्यालय, मुरगुड   | ✓ | राजा श्रीगणेशराव भगवतराम महाविद्यालय, औद्य                |
| ३ | जामदार शक्तिवंत शिबे महाविद्यालय, मेडा | ✗ | मातोश्री बमाबाई श्रीगणेशराव कथम कन्या महाविद्यालय, कडेगाव |

विषय :- प्रॅगमॅटिक इंग्लिश अभ्यासक्रम परीक्षा प्रश्नपत्रिका व दत्तर साहित्याबाबत...

महोदय,

आपल्या महाविद्यालयात निरंतर शिक्षण सोजने अंतर्गत प्रॅगमॅटिक इंग्लिश अभ्यासक्रम सप्टेंबर, २०१९ पासून सुरू आहे. या अभ्यासक्रमाची परीक्षा सप्टेंबर दि. २१ जानेवारी, २०२० रोजी घेण्यात येणार आहे. या परीक्षेसाठी नालीत साहित्य पुरविल्यात येत असून ते सध्यासुद्धा ताब्यात आहे.

१. प्रश्नपत्रिका (बोलबंद) :- ०१
२. स्टॅकनरी रिपोर्ट :- ०२
३. पयसिका रिपोर्ट :- ०२
४. उत्तरपत्रिका

| क्र. क्र. | महाविद्यालयचे नाव   | पासून              | पर्यंत              | एकूण         |
|-----------|---|--------------------|---------------------|--------------|
| १         | सदाशिवराव मंडलिक महाविद्यालय, मुरगुड                      |                    |                     |              |
| २         | राजा श्रीगणेशराव भगवतराम महाविद्यालय, औद्य                | 5166 ते 5170, 1472 | 11477, 1498 ते 1500 | 1174 ते 1176 |
| ३         | जामदार शक्तिवंत शिबे महाविद्यालय, मेडा                    |                    |                     |              |
| ४         | मातोश्री बमाबाई श्रीगणेशराव कथम कन्या महाविद्यालय, कडेगाव |                    |                     |              |

2999 ते 3  
 एकूण = 1

सदरची परीक्षा शाख्यांतर्गत उत्तरपत्रिका, किल्लक उत्तरपत्रिका व प्राथमिक परीक्षा गुण इ. विभागात जमा करावे.  
 कळायचे,

आपली विश्वासू,

*S. Buwa*

(श्रीमती (डॉ.) सुमन कृ. बुवा)  
 प्र. संचालक व विभागप्रमुख

Tel. : (Office) (0231) 2609151, (U/c Director) (0231) 2609150, Mobile - 9011001514  
 E-mail : srb@shivajitrust.ac.in, shbuwa@vmail.com

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**SHIVAJI UNIVERSITY, KOLHAPUR**  
Department of Lifelong Learning and Extension  
**RESULT SHEET**

Center Name :- Raja Shripatras Bhagwantrao Mahavidyalaya, Aundh  
Exam Month :- January, 2020

Name of the Course :- Pragmatic English  
Period :- September, 2019 to December, 2019

| Seat No. | Name                       | Paper I |      | Grand Total | Percentage | Grade | MERA BHA | Number of Marks | Credits |
|----------|----------------------------|---------|------|-------------|------------|-------|----------|-----------------|---------|
|          |                            | Theory  | Oral |             |            |       |          |                 |         |
|          |                            | Max. 70 | 30   | 100         |            |       |          |                 |         |
|          |                            | Min. 24 | 11   | 35          |            |       |          |                 |         |
| 41       | Pooja Maruti Chandrikani   | 66      | 21   | 87          | 87.00      | A     | Pass     | 31              |         |
| 42       | Waghmare Anuja Rajesing    | 52      | 28   | 80          | 80.00      | A+    | Pass     | 22              |         |
| 43       | Pelbak Kavya Shrikantben   | 57      | 28   | 85          | 85.00      | A+    | Pass     | 13              |         |
| 44       | Narhari Sushil Manohar     | 55      | 25   | 80          | 80.00      | A+    | Pass     | 34              |         |
| 40       | Indira Rajanji Rajendra    | 42      | 22   | 64          | 64.00      | A     | Pass     | 25              |         |
| 46       | Burhan Anshu Rajan         | 36      | 22   | 58          | 58.00      | B     | Pass     | 26              |         |
| 47       | Devani Vihar Dattajee      | 65      | 10   | 75          | 75.00      | A+    | Pass     | 27              |         |
| 48       | Hemant Ashok Chandras      | 37      | 22   | 59          | 59.00      | A     | Pass     | 28              |         |
| 49       | Pooja Harishchandra Satish | 55      | 23   | 78          | 78.00      | A+    | Pass     | 28              |         |
| 50       | Ranjive Rakesh Prakash     | 45      | 23   | 68          | 68.00      | A+    | Pass     | 29              |         |
| 55       | Ranjive Swarnajali Satish  | 43      | 22   | 65          | 65.00      | A+    | Pass     | 30              |         |
| 52       | Madhavi Shrikantji Ganpat  | 39      | 23   | 62          | 62.00      | A     | Pass     | 31              |         |
| 53       | Madhavi Anand Dhanraj      | 24      | 28   | 52          | 52.00      | C     | Pass     | 42              |         |
| 54       | Hemant Ashok Chandras      | 56      | 22   | 78          | 78.00      | A+    | Pass     | 23              |         |
| 45       | Jadhav Baban Hanuman       | 57      | 25   | 82          | 82.00      | A+    | Pass     | 31              |         |

Result Prepared by: *[Signature]*  
 Checked by: *[Signature]*  
 Read by: *[Signature]*  
 Date: 09/06/2020

**ASSISTANT PROFESSOR**  
Department of Lifelong Learning and Extension  
SHIVAJI UNIVERSITY, KOLHAPUR

| In Grade A+                 | In Grade A | In Grade B | In Grade C |
|-----------------------------|------------|------------|------------|
| 0                           | 2          | 1          | 1          |
| Male                        |            | Female     |            |
| No. of Candidate Registered |            | 0          | 11         |
| No. of Candidate Absent     |            | -          | -          |
| No. of Candidate Appeared   |            | 0          | 10         |
| No. of Candidate Passed     |            | 0          | 10         |

**IN DIRECTOR**  
Department of Lifelong Learning and Extension  
SHIVAJI UNIVERSITY, KOLHAPUR

Copy forwarded with compliance to the Principal / Head of the Concerned College/Center for information and record.



**SHIVAJI UNIVERSITY, KOLHAPUR**  
Department of Lifelong Learning and Extension

No. :- 32

1. Grade 'A+' indicates above 70% & above  
 2. Grade 'A' indicates above 60% upto 69.99%  
 3. Grade 'B' indicates above 45% upto 59.99%  
 4. Grade 'C' indicates above 35% upto 44.99%

**Certificate Course in Pragmatic English**

Shri/Ms. : Waghmare Anuja Rajesing Exam. : January, 2020  
 Centre : Raja Shripatras Bhagwantrao Mahavidyalaya, Aundh

| Seat No.            | Paper I | Paper II | Grand Total | Percentage | Grade | Remark |
|---------------------|---------|----------|-------------|------------|-------|--------|
| 42                  | Theory  | Oral     | 80          | 80.00      | A+    | Pass   |
| Maximum Marks       | 70      | 30       | 100         |            |       |        |
| Minimum for Passing | 24      | 11       | 35          |            |       |        |
| Marks Obtained      | 52      | 28       | 80          |            |       |        |

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 Read by: *[Signature]*  
 Checked by: *[Signature]*  
 Kolhapur - Date : 09/06/2020

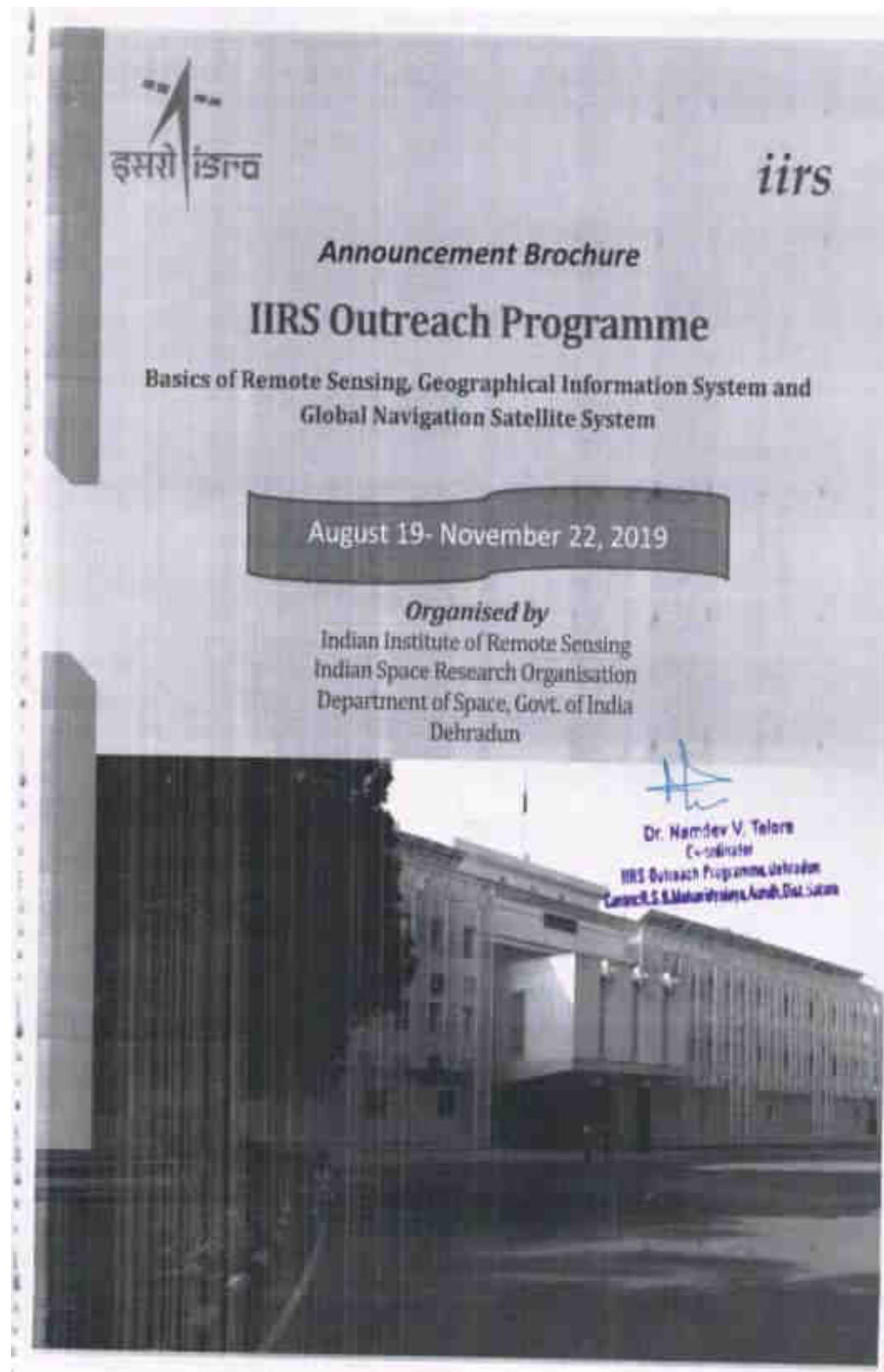
*[Signature]*  
Assistant Professor

*[Signature]*  
IC Director & Head





5. RS Outreach Programme Basics of Remote Sensing,  
Geographical Information System and Global Navigation  
Satellite System



## Course Announcement

IRS announces four courses commencing from August 19<sup>th</sup>, 2019

- ◆ **Remote Sensing and Digital Image Analysis (15/08/2019 to 13/09/2019):** Basic Principles of Remote Sensing, Earth Observation Sensors and Platforms, Spectral Signature of different land cover features, Image interpretation, Thermal & Microwave Remote Sensing, Digital Image Processing: Basic Concepts of Rectification and Registration, Enhancement, Classification and accuracy assessment techniques.
- ◆ **Global Navigation Satellite System (16/09/2019 to 27/09/2019):** Introduction to GPS and GNSS, receivers, processing methods, errors and accuracy.
- ◆ **Geographical Information System (30/08/2019 to 25/10/2019):** GIS, databases, topology, spatial analysis and open source software.
- ◆ **RS and GIS Applications (29/10/2019 to 24/11/2019):** Agriculture and Soil, Forestry and Ecology, Geoscience and Geo-hazards, Marine and Atmospheric Sciences, Urban and Regional Studies and Water Resources.
- ◆ **Basics of Remote Sensing, GIS and GNSS (19/08/2019 to 24/11/2019):** Comprehensive course consisting of above four courses.

The participants can register for individual course of their choice or the entire Programme.

### Target Participants

- ◆ Student of Undergraduate and Postgraduate courses (any year).
- ◆ Technical/Scientific Staff of Central/State Government Ministries/Departments;
- ◆ Faculty / Researchers at university / institutions.

### Course Study Material

Course study materials such as lecture slides, video recorded lectures, open source software, data & handouts of demonstrations, etc., will be made available through IRS ftp link (<http://ftp.irs.gov.in/>)  
Video lectures will also be uploaded on YouTube Channel (<http://www.youtube.com/user/irsat2004>).

### Course Fee

There is no course fee.

### Course Registration

Course updates and other details will be available on IIR - <http://elearning.irs.gov.in/>

- ◆ To participate in the program, organizations/universities/departments/ institutions have to identify a Coordinator at their end. The coordinator is required to register his/her institute as nodal centre at: (<https://elearning.irs.gov.in/edusatregistration/coordinator>)
- ◆ All the participants have to register online through registration page (<https://elearning.irs.gov.in/edusatregistration/student>) by selecting his/her organization as nodal centre.
- ◆ The Coordinator is required to approve the participants from his/her institute for each course.

### Course Funding & Technical Support

The programme is sponsored by Indian Space Research Organization, Department of Space, Government of India.



Dr. Namdev V. Telare  
Coordinator

IRS Outreach Programme Director  
Cell: 9822012121, 9822012122, 9822012123

भारत सरकार  
अंतरिक्ष विभाग  
भारतीय सुदूर संवेदन संस्थान  
4, कालिदास मार्ग, पी. एच. सी. 135,  
दिल्ली-248 001, भारत  
दूरभाष : +91-120-2744583  
फैक्स : +91-120-2741987



Government of India  
Department of Space  
Indian Institute of Remote Sensing  
4, Kalidasa Road, P.H. No. 135  
Delhi-248 001, India  
Tel. : +91-120-2744583  
Fax : +91-120-2741987  
e-mail : prakash@irs.gov.in  
director@irs.gov.in

डॉ. प्रकाश चौहान  
निदेशक  
Dr. Prakash Chauhan  
Director

No. IIRS/GIS&DU/EDUSAT/2019/50  
Date: June 28, 2019

**विषय: 'रिमोट सेंसिंग, जीआईएस और जीएनएसएस का मूलभूत पाठ्यक्रम' पर 50<sup>वां</sup> आई-आई-आर-एस अंतर्राष्ट्रीय कार्यक्रम की घोषणा**

**Sub: Announcement of 50th IIRS Outreach Program on "Basics of Remote Sensing and Digital Image Analysis" commencing from August 19, 2019.**

Dear Sir/ Madam,

एनएसओ (इसरो) भारतीय अंतरिक्ष अनुसंधान संस्थान का एक महत्वपूर्ण कार्यक्रम है, जिसके अंतर्गत पिछले पचास वर्षों में कई उपग्रहों को अंतरिक्ष में प्रेषित किया गया है। इन उपग्रहों से प्राप्त आंकड़ों का उपयोग प्राकृतिक संसाधन व आपदा प्रबंधन में किया जाता है। भारतीय सुदूर संवेदन संस्थान (आईआईएस) भू-स्थानिक प्रौद्योगिकी के अंतर्गत शिक्षण, प्रशिक्षण तथा क्षमता संवर्धन को समर्पित एक महत्वपूर्ण संस्थान है। इस संस्थान द्वारा अब तक 45 उपग्रह एवं इंटरनेट आधारित अंतर्राष्ट्रीय पाठ्यक्रम संचालित किए जा चुके हैं। इन पाठ्यक्रमों से लगभग 920 भारतीय विश्वविद्यालयों / संस्थानों के करीब 16,000 से अधिक प्रतिभागी लाभान्वित हुए हैं। इस कार्यक्रम को आगे बढ़ाते हुए हम सन् 50 वें आई-आई-आर-एस अंतर्राष्ट्रीय कार्यक्रम को प्रारंभ करने की घोषणा करते हैं। 19 अगस्त, 2019 से प्रारंभ होने वाला यह कार्यक्रम 'रिमोट सेंसिंग, जीआईएस और जीएनएसएस का मूलभूत पाठ्यक्रम' पर आधारित है। यह कार्यक्रम कार्यालय सरकारी एवं गैर-सरकारी पेशेवरों तथा छात्रों हेतु लक्षित है। यह कार्यक्रम प्रतिभागियों को अपने कार्यस्थल पर रहते हुए ज्ञान को समृद्ध करने का एक अनूठा अवसर प्रदान करेगा।

The Indian Space Research Organisation (ISRO) has a vibrant Earth Observation (EO) programme since last 50 years with launch of several satellite missions. The Indian Remote Sensing Satellites (IRS) series of satellites provide space based information for monitoring and management of natural resources and Disaster Management Support. The Indian Institute of Remote Sensing (IIRS) is a premier institute under ISRO engaged in training, education and capacity building on use of geospatial technology for natural resources monitoring and disaster management since last five decades. The Institute has so far conducted 45 Satellite and Internet based Outreach Programmes, benefiting more than 96,000 participants from 920 Indian universities/institutions/user Departments/user ministries in India. To promote the use of Geospatial technology, IIRS announces the 50<sup>th</sup> IIRS Outreach Program on "Basics of Remote Sensing and Digital Image Analysis" commencing from August 19, 2019. The course is targeted to working professionals and students and will provide a unique opportunity to the learners to enhance their knowledge by attending the course at their respective working places.

यह कार्य 50 वार सालों में होता है रिमोट सेंसिंग और डिजिटल इमेज एनालिसिस, वैश्विक नेविगेशन सैटेलाइट सिस्टम, भौगोलिक सूचना प्रणाली और जीआईएस एप्लीकेशन। कार्य के दौरान पढ़ाये जाने वाले प्रमुख विषयों में रिमोट सेंसिंग, आई-आई-आर-एस सेंसर और प्लेटफॉर्म के बुनियादी सिद्धांत, स्थिति भूमि कवर सुविधाओं के स्पेक्ट्रल इन्साइवर, छवि व्याख्या, धर्मल और पाठ्यक्रम रिमोट सेंसिंग, डिजिटल इमेज प्रोसेसिंग, जीआईएस और जीएनएसएस का परिचय, रिमोट प्रबंधन, रिमोट सेंसिंग और डिजिटल इमेज प्रोसेसिंग में प्रगति, भौगोलिक सूचना प्रणाली, डेटा बेस, टोपोग्राफी, स्थानिक विश्लेषण और ओपन सोर्स सॉफ्टवेयर और कृषि और मृदा, वास्तु और पारिस्थितिकी, निरीक्षण और प्रि.ओ.आर.एस. समुद्री और वायुमंडलीय विज्ञान, चट्टानों और खेतीय अध्ययन और उल संसाधन में आईआईएस और जीआईएस एप्लीकेशन आदि सम्मिलित हैं। प्रतिभागी अपनी परसद के माध्यम से पूरे इलाक़े पर पाठ्यक्रम के लिए पंजीकरण कर सकते हैं।

The course consists of four modules namely Remote Sensing and Digital Image Analysis, Global Navigation Satellite System, Geographical Information System and RS and GIS Applications. The major topics covered will include Basic Principles of Remote Sensing, Earth Observation Sensors and Platforms, Spectral Signature of different land cover

भारतीय अंतरिक्ष अनुसंधान संस्थान का अंतरिक्ष विभाग Indian Space Research Organisation

Indian Institute of Remote Sensing, (ISRO), Dehradun &  
Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh (Satara)  
50th IIRS Outreach Programme on Basic of RS, GIS & GNSS

August 19- November 22, 2019

Registered Participants

| Sr. No. | Registration No. | Student Name      | Contact No. | email                        |
|---------|------------------|-------------------|-------------|------------------------------|
| 1       | 201950082456     | Aysha Lohora      | 7887834133  | ayeshalohora567@gmail.com    |
| 2       | 201950089881     | Vishal Chaudhari  | 8805722398  | chaudharivisha014@gmail.com  |
| 3       | 201950083543     | Vidya Ghadge      | 7448151622  | vidyaghadge003@gmail.com     |
| 4       | 201950083546     | Shripad Sutar     | 9822699672  | shripadsutar814@gmail.com    |
| 5       | 201950083548     | Pooja Kumbhar     | 8108603001  | poojakumbhar871@gmail.com    |
| 6       | 201950083551     | Pooja Kambale     | 8637747753  | kambalepooja0799@gmail.com   |
| 7       | 201950082619     | Priyanka Kumbhar  | 8625040947  | prishakumbhar22@gmail.com    |
| 8       | 201950082621     | Priyanka Pawar    | 7775837295  | priyankapawar09306@gmail.com |
| 9       | 201950082624     | Shivani Bhandare  | 9527529347  | bhandareshvani1234@gmail.com |
| 10      | 201950082626     | Akshada Jadhav    | 9561666504  | akshadajadhav160@gmail.com   |
| 11      | 201950082632     | Nilam Gharge      | 9527015604  | nilamgharge9@gmail.com       |
| 12      | 201950083917     | Prashant Jagdale  | 9730204510  | prashantjagdale630@gmail.com |
| 13      | 201950083918     | Rupesh Pawar      | 9568375320  | rupesh506@gmail.com          |
| 14      | 201950082657     | Varsharani Mohite | 8605791363  | varsharanimohite03@gmail.com |

  
I/C PRINCIPAL  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)

  
Dr. Hardev V. Telore  
Co-ordinator  
IIRS Outreach Programme Unrtao  
Centre, S.S. Mahavidyalaya, Aundh, Dist. Satara





Fifty IIRS Outreach Programme  
On  
Basic of RS, GIS & GNSS

Course Schedule

| Sl No. | Course Name                             | Module Name | From       | To         |
|--------|---|-------------|------------|------------|
| 1.     | Basic of RS, GIS & GNSS                 | -           | 19-08-2019 | 22-11-2019 |
| 2.     | Remote Sensing & Digital Image Analysis | Module-1    | 19 Aug     | 09 Sep     |
| 3.     | Global Navigation Satellite System      | Module-2    | 12 Sep     | 24 Sep     |
| 4.     | Geographical Information System Module  | Module-3    | 25Sep      | 24 Oct     |
| 5.     | RS & GIS Applications                   | Module-4    | 29 Oct     | 22 Nov     |

August, 2019

Dr. Namdev V. Tolere  
Co-ordinator  
IIRS Outreach Programme, Introduction  
Course: RS & Applications, Aug 19, 2019

| Geospatial Data Science |           |                               |   |                           |
|-------------------------|-----------|-------------------------------|---|---------------------------|
| 25 Sep 19               | Wednesday | 1800-1730 hrs                 | Introduction to GIS   | Dr. Sameer Samra          |
| 26 Sep 19               | Thursday  | 1600-1730 hrs                 | Geographic Phenomena, Concepts and examples   | Shri Prasen Kumar Gupta   |
| 27 Sep 19               | Friday    | 1600-1730 hrs                 | Data Importing and Editing in GIS   | Shri K. Shiva Raddy       |
| 28 Sep 19               | Saturday  |                               |   |                           |
| 29 Sep 19               | Sunday    |                               |   |                           |
| 30 Sep 19               | Monday    | 1600-1730 hrs                 | GIS Data Models (Spatial and Non-spatial)   | Shri Ashutosh Kumar Jha   |
| 01 Oct 19               | Tuesday   | 1600-1730 hrs                 | Map Projections Concepts & Use in RS & GIS  | Dr. Ashutosh Srivastava   |
| 02 Oct 19               |           |                               | Mahatma Gandhi  |                           |
| 03 Oct 19               | Thursday  | 1600-1730 hrs                 | Spatial Analysis - Introductory Concepts and Overview   | Shri Prabhakar Anil Varma |
| 04 Oct 19               | Friday    | 1600-1730 hrs                 | Spatial Analysis - Functionality and Tools  | Shri Kapil Chauri         |
| 05 Oct 19               | Saturday  |                               |   |                           |
| 06 Oct 19               | Sunday    |                               |   |                           |
| 07 Oct 19               | Monday    |                               | Diwas (Maha Navami)   |                           |
| 08 Oct 19               | Tuesday   |                               | Diwas (Vijay Dashmi)  |                           |
| 09 Oct 19               | Wednesday |                               | Festival Break  |                           |
| 10 Oct 19               | Thursday  |                               | Festival Break  |                           |
| 11 Oct 19               | Friday    | 1600-1730 hrs                 | Demo of QGIS Software - Session 04, Adding GIS Data, Attribute table & Identities and Change symbology, Create map, compose, Manage plugins, CRS & EPSG, Geo-referencing & Tie-points, RMSE & Rectification                             | Recorded Lecture          |
| 12 Oct 19               | Saturday  | -                             | -   | -                         |
| 13 Oct 19               | Sunday    |                               |   |                           |
| 14 Oct 19               | Monday    | 1600-1730 hrs                 | Demo of QGIS Software - Session 02, (Data Creation/Vectors Generation) Digitization, Setting digitizing environment, Adding attributes, Editing digitized layer, Attribute Queries, Spatial Queries, Linking spatial & non-spatial data | Recorded Lecture          |
| 15 Oct 19               | Tuesday   | 1600-1730 hrs                 | DEM0 on QGIS 03   | Shri Prasen Kumar Gupta   |
| 16 Oct 19               | Wednesday | 1130-1230hrs<br>1800-1730 hrs | Interactive Session of Demo of QGIS Software - Session 01 & Session 02 & 03<br>Open Source Software Technology & Tools  | Shri Prasen Kumar Gupta   |
| 17 Oct 19               | Thursday  | 1600-1730 hrs                 | Data Quality & Policies OGC, ISO & OGC initiatives, Discussion on Internet resources  | Dr. Harish Karmak         |
| 18 Oct 19               | Friday    | 1600-1730 hrs                 | Advanced Geospatial Modeling  | Shri Ashutosh Kumar Jha   |
| 19 Oct 19               | Saturday  | -                             | -   |                           |
| 20 Oct 19               | Sunday    | -                             | -   |                           |

50<sup>th</sup> Course on Basic of RS, GIS & GNSS Consist 04 Module

- 1- Remote Sensing & Digital Image Analysis
- 2- Global Navigation Satellite System
- 3- Geographical Information System
- 4- RS & GIS Applications

There will be 01 exam for Basic of RS, GIS & GNSS after completion of the course

And a single exam for each Course no 51<sup>th</sup>, 52<sup>th</sup>, 53<sup>th</sup> and 54<sup>th</sup> course

| Sl. No | Exam Name   | Exam Date   |
|--------|---|---|
| 1-     | Online Examination 51 <sup>th</sup> Course or Module 1 on Remote Sensing and Digital Image Analysis | Last week of the Month                                  |
| 2-     | Online Examination 52 <sup>th</sup> Course or Module 1 on Global Navigation Satellite System        | Will be conducted first week and last week of the Month |
| 3-     | Online Examination of 53 <sup>th</sup> Course or Module 3 on Geographical Information System        | Will be conducted first week and last week of the Month |
| 4-     | Online Examination of 54 <sup>th</sup> Course or Module 4 on RS & GIS Applications                  | Will be conducted first week and last week of the Month |



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING  
 भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
 अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



श्री: सीमा अर्के/ विभाग कार्यक्रम प्रमुख एवं  
 OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

CORS03232020

संस्थान की सहभागिता का प्रमाण पत्र  
 CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि राजा श्रीपतराव भगवंतराव महाविद्यालय, औंध, सातारा, महाराष्ट्र ने भारतीय सुदूर संवेदन संस्थान, इसरा देहादुन द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम " रिमोट सेंसिंग, भौगोलिक सूचना प्रणाली और ग्लोबल नेविगेशन सैटेलाइट सिस्टम की मूलभूत बातें " में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 19 अगस्त, 2019 से 22 नवंबर, 2019 तक किया गया।

This is to certify that Raja Shripatrao Bhagawantrao Mahavidyalaya, Aundh, Satara, Maharashtra, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehadun on "Basics of Remote Sensing Geographical Information System and Global Navigation Satellite System". This online programme was conducted during August 19, 2019 to November 22, 2019.

दिनांक/ Date: 19-02-2020

हस्ताक्षर/ Signature:

Dr. Namdev V. Talegaonkar

ISRO Outreach Programme, Dehadun  
 Campus: S.S. Mahavidyalaya, Aundh, Satara

उपस्थित, विभागीय अधिकारी, सूचना प्रौद्योगिकी एवं दूरस्थ अधिवास विभाग  
 Head, Geospatial Services, IT & Distance Learning Department, ISRO

समस्त प्रमुख, भू-अंतरिक्ष प्रौद्योगिकी एवं अंतरिक्ष कार्यक्रम समूह  
 Group Head, Geospatial Technologies & Outreach Programme Group, ISRO

Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh (Satara)





भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING  
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



ऑनलाइन दूरस्थ अधिगम कार्यक्रम  
ONLINE DISTANCE LEARNING PROGRAMME

COR503232020

समन्वय का प्रमाणपत्र  
CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि राजा श्रीपतराव भगवंतराव महाविद्यालय, औंध, सातारा, महाराष्ट्र कार्यरत डॉ. नामदेव वसंत तेलोर, ने " रिमोट सेंसिंग, भौगोलिक सूचना प्रणाली और ग्लोबल नेविगेशन सैटेलाइट सिस्टम की मूलभूत बातें " विषय पर इस संस्थान द्वारा दिनांक 19 अगस्त, 2019 से 22 नवंबर, 2019 तक संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम को समन्वित किया।

This is to certify that **DR. NAMDEV VASANT TELORE**, working with **Raja Shripatrao Bhagawantrao Mahavidyalaya, Aundh, Satara, Maharashtra**, has coordinated the online training course on "**Basics of Remote Sensing Geographical Information System and Global Navigation Satellite System**" conducted by this institute during August 19, 2019 to November 22, 2019.

दिनांक/ Date: 19-02-2020  
देहरादून/ Dehradun

प्रमुख,  
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग  
Head, Geoweb Services, IT & Distance Learning Department, IIRS

समूह प्रमुख,  
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह  
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

Activate  
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6. 41st IIRS Outreach Programme on Hyperspectral Remote Sensing and its Applications' sponsored by NNRMS and organized by IIRS/ ISRO, Dept. of Space, Govt. of India, 21/01/2019 to 01/02/2019

**RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH, SATARA**  
Indian Institute of Remote Sensing, ISRO, Dehradun  
Department of Space, Government of India  
**SUMMARY REPORT OF PROGRAM**

Date: 28/02/2019

To,  
The Principal,  
R.S.B. Mahavidyalaya, Aundh  
Tal. Khatav, Dist. Satara

I am submitting summary report of Outreach Programme. Please accept it.

1. Name of Programme: Distance Learning Course on 'Hyperspectral remote sensing and its Applications'

2. Duration: 21/01/2019 to 01/02/2019 Total Days: 12

3. Number of enrolled students: 02

4. Name of Coordinator: Dr. Tejendra Namdev Velure

5. Name of Resource Persons: i) Dr. Vaibhav Garg ii) Richa U Sharma  
iii) Mitendra Padala

6. Objectives of the Programme:  
i. To know concepts of Hyperspectral Remote Sensing (HRS).  
ii. To know applications of HRS.

7. Outcome of the Programme:  
i. Participants become aware of Hyperspectral Remote Sensing.  
ii. Participants become aware of applications of HRS in different fields.

Centre Coordinator Principal

  
(Dr. Namdev V. Telore)  
**Dr. Namdev V. Telore**  
Co-ordinator  
IIRS Outreach Programme, Dehradun  
Centre: R.S.B. Mahavidyalaya, Aundh, Dist: Satara

  
**T/C PRINCIPAL**  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)



भारतीय अंतरिक्ष अनुसंधान संस्थान  
भारतीय अंतरिक्ष विभाग  
भारतीय अंतरिक्ष अनुसंधान संस्थान  
4, Kalidasa Road, P.O. Kalidasa, 133,  
Debrajpur-248 001, भारत  
दूरभाष : +91-125-2744883  
फैक्स : +91-125-2741987



Government of India  
Department of Space  
Indian Institute of Remote Sensing  
4, Kalidasa Road, P.O. No. 133  
Debrajpur - 248 001, India  
Tel. : +91-125-2744883  
Fax : +91-125-2741987  
e-mail : prakash@irs.gov.in  
director@irs.gov.in

डॉ. प्रकाश चौहान  
निदेशक  
Dr. Prakash Chauhan

Director  
No. IIRS/GIT&DUJEDUSAT/2018/41

दिनांक: 21 दिसंबर 2018  
Date: December 21, 2018

विषय: 21 जनवरी 2019 से "हाइपरस्पेक्ट्रल सुदूर संवेदन और उसके अनुप्रयोगों" पर प्रारंभ होने वाले 41वें आई-आई-आर-एस आउटरीच कार्यक्रम की घोषणा के संबंध में।  
Subject: Announcement of 41<sup>st</sup> IIRS Outreach Program on "Hyperspectral remote sensing and its Applications" commencing from January 21, 2019.

महोदय/महोदया,  
Sir/ Madam,

पृथ्वी अवलोकन (ई ओ) भारतीय अंतरिक्ष अनुसंधान संस्थान का एक महत्वपूर्ण कार्यक्रम है, जिसके अंतर्गत पिछले पचास वर्षों में कई उपग्रहों को अंतरिक्ष में प्रेषित किया गया है। इन उपग्रहों से प्राप्त आंकड़ों का उपयोग प्राकृतिक संसाधन व आपदा प्रबंधन में किया जाता है। भारतीय सुदूर संवेदन संस्थान (आई-आई-आर-एस) भू-स्थानिक प्रौद्योगिकी के अंतर्गत शिक्षण, प्रशिक्षण तथा क्षमता संवर्धन को समर्पित एक महत्वपूर्ण संस्थान है। इस संस्थान द्वारा अब तक 40 उपग्रह एवं इंटरनेट आधारित आउटरीच पाठ्यक्रम संचालित किए जा चुके हैं। इन पाठ्यक्रमों से लगभग 885 भारतीय विश्वविद्यालयों/ संस्थानों के करीब 89,000 से अधिक प्रतिभागी लाभान्वित हुए हैं। इस कार्यक्रम को आगे बढ़ाते हुए हम सहर्ष 21वें आई-आई-आर-एस आउटरीच कार्यक्रम को प्रारंभ करने की घोषणा करते हैं। 21 जनवरी 2019 से प्रारंभ होने वाला यह कार्यक्रम "हाइपरस्पेक्ट्रल सुदूर संवेदन और उसके अनुप्रयोगों" पर आधारित है। यह कार्यक्रम कार्यरत सरकारी एवं गैर-सरकारी तथा छात्रों हेतु लक्षित है। यह कार्यक्रम प्रतिभागियों को अपने कार्यस्थल पर रहते हुए ज्ञान को समृद्ध करने का एक अनूठा अवसर प्रदान करेगा।

The Indian Space Research Organisation (ISRO) has a vibrant Earth Observation (EO) programme since last 50 years with launch of several satellite missions. The Indian Remote Sensing Satellite (IRS) series of satellites provide space based information for monitoring and management of natural resources and Disaster Management Support. The Indian Institute of Remote Sensing (IIRS) is a premier Institute under ISRO engaged in training, education and capacity building on use of geospatial technology for natural resources monitoring and disaster management since last five decades. The Institute has so far conducted 40 Satellite and Internet based Outreach Programmes, benefitting more than 89,000 participants from 885 Indian universities/ institutions/user Departments/user ministries in India. To promote the use of Geospatial technology, IIRS announces the 41<sup>st</sup> IIRS Outreach Program on "Hyperspectral remote sensing and its Applications" commencing from January 21, 2019. The course is targeted to working professionals and students and will provide a unique opportunity to the learners to enhance their knowledge by attending the course at their respective working places.

हाइपरस्पेक्ट्रल सुदूर संवेदन से एक बड़ी संख्या में संकीर्ण वर्णक्रमीय बैंड जैके इश्यान निकटतम अवरक्त से लघु तरंग अवरक्त की सीमा में है, का मापन होता है। हाइपरस्पेक्ट्रल डेटा की संकीर्ण अवशोषण पहचान करने की क्षमता के कारण यह वनस्पति की भौतिक-रासायनिक विशेषताओं, मिट्टी के भौतिक और रासायनिक गुणों, खनिज संरचना और बर्फ की विशेषताओं, पेड़ की प्रजातियों, आक्रामक पौधों को पहचानने और महत्वपूर्ण भूवर्तिक विशेषताओं की पहचान करने में सक्षम है। हालांकि, बड़ी संख्या में बैंड की उपस्थिति की वजह से, हाइपरस्पेक्ट्रल डेटा को आलग-विभिन्न प्रकार के विकल्पों की आवश्यकता होती है जिसमें फीचर चयन, संकेत को हटाने, अवशोषण सुविधाओं का पता लगाने और अंतिम वर्गीकरण तकनीक शामिल है। इस पाठ्यक्रम से प्रशिक्षुओं को हाइपरस्पेक्ट्रल सुदूर संवेदन, हाइपरस्पेक्ट्रल डेटा प्रसंस्करण और इसके अनुप्रयोगों के बारे में जानकारी प्राप्त होगी। इस पाठ्यक्रम में कुल म्यारह सत्र होंगे। पहले से छठे सत्र मूल्यांकन से हाइपरस्पेक्ट्रल सुदूर संवेदन के सिद्धांत, हाइपरस्पेक्ट्रल संवेदन और प्रसंस्करण तकनीकों से संबंधित विषयों पर केंद्रित होगा; जबकि सातवें से बारहवें सत्र में हाइपरस्पेक्ट्रल डेटा के विभिन्न अनुप्रयोगों में केंद्रित करेंगे।

Hyperspectral remote sensing deals with measurements in a large number of narrow spectral bands over a contiguous spectral range. Because of its ability to detect narrow absorption features hyperspectral data are related to specific vegetation physio-chemical characteristics, soil physical and chemical properties, mineral composition and snow characteristics, mapping tree species, recognizing invasive plants, and identifying key geologic features.

भारतीय अंतरिक्ष अनुसंधान संस्थान द्वारा जारी Indian Space Research Organisation

### IIRS Outreach Programme

The IIRS outreach programme, which started in 2007 with 12 universities/institutions has now grown substantially. Currently, 800 universities / institutions spread across India are networked with IIRS. The beneficiaries of the programme are visible:

- professionals engaged in remote sensing technology and its application in various fields like forestry, agriculture, geology, mineral studies, urban & water resources study
- Central/State/Private Universities & Academic Institutions
- Central & State Government Departments
- Research Institutes
- Educational Institutes
- NGOs

### Feedback Mechanism

IIRS has conducted three workshops in 2007, 2009, 2010, 2014, 2015, 2016, 2017 and 2018 to take feedback from participating institutions to improve the quality of future courses.



Outreach programme feedback session during IIRS 14th International Meet (2018) at IIS

### Awards

IIRS has received national awards for excellence in training for outreach and e-learning programme during 3<sup>rd</sup> National Symposium on Excellence in Training conducted during April 13-15, 2015 in New Delhi by Department of Personnel & Training (DPT), Govt. of India in collaboration with United Nations Development Programme (UNDP).



### About IIRS

Indian Institute of Remote Sensing (IIRS) under Indian Space Research Organisation (ISRO), Department of Space, Govt. of India is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geoinformatics and GIS Technology for Natural Resources, Environmental and Disaster Management, formerly known as Indian Photo-interpretation Institute (PII), founded in 1964. The Institute boasts to be the first of its kind in entire South-East Asia. While endeavoring its primary endeavour to build capacity among the user community by training mid-career professionals, the Institute has enhanced its capability and cooked many training and education programmes that are based to meet the requirements of various target groups, ranging from fresh graduates to policy makers including academics.

IIRS also conducts e-learning programme on Remote Sensing and Geo-information Science (<http://elearning.iirs.gov.in>).

### Contact Details

**Dr. Anil Kumar**  
 Course Director  
 Tel: 011-2224114  
 Email: [anilkumar@iirs.gov.in](mailto:anilkumar@iirs.gov.in)

**Dr. Vinay Kumar**  
 Course Coordinator  
 Tel: 011-2224123  
 Email: [vinaykumar@iirs.gov.in](mailto:vinaykumar@iirs.gov.in)

### IIRS DTP Team

**Dr. Harish Karamad**  
 Head, DTP Cell  
 Tel: 011-2224114

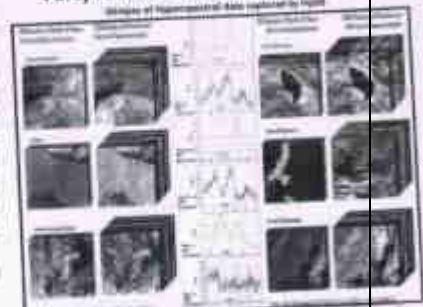
**Dr. Pooja S. Dhall**  
 Tel: 011-2224123

**Mr. Anandharathnam**  
 Tel: 011-2224130

**Mr. Aditi Chakrabarti**  
 Tel: 011-2224130

Indian Institute of Remote Sensing,  
 Indian Space Research Organisation,  
 Department of Space, Govt. of India,  
 4 Kailash Road, Dehradun  
 Email: [info@iirs.gov.in](mailto:info@iirs.gov.in)

### Forty First IIRS Outreach Programme



Hyperspectral Types of different remote sensing and single spectral jobs, depicting different features

### Hyperspectral Remote Sensing and its Applications

January 28 – February 07, 2018



Organised by

**iirs**

Indian Institute of Remote Sensing  
 Indian Space Research Organisation  
 Department of Space, Govt. of India  
 Dehradun

[www.iirs.gov.in](http://www.iirs.gov.in)



**Dr. Harish V. Tahir**  
 Co-ordinator  
 IIRS Outreach Programme, Hyderabad  
 Career & Skill Development, Govt. of Telangana



## 41<sup>st</sup> IIRS Outreach Programme on Hyperspectral Remote Sensing and its Applications

**Course Duration-** January 21- February 01, 2019

**Course Director & Coordinator-** Dr. Anil Kumar and Mr. Vinay Kumar

**Course Summary:**

Hyperspectral remote sensing is one of the advance technology in remote sensing which has enormous potential for extracting earth resource information. Hyperspectral remote sensing deals with measurements in a large number of contiguous spectral bands with a narrow spectral bandwidth. Because of its ability to detect narrow absorption features hyperspectral data are related to specific vegetation physio-chemical characteristics, ocean biological constituents, soil physical and chemical properties, mineral composition and snow characteristics.



**Figure 1: 41<sup>st</sup> IIRS Outreach Program:Innaugral Session**

To familiarize the participants on the topic, a two week online course on **Hyperspectral Remote Sensing and its Applications** was organized through IIRS Distance Learning program from **January 21- February 01, 2019**. A total of 1730 participants from 179 institutes joined the course. During the course, eleven sessions were conducted which focused mainly on Basics of Hyperspectral Remote Sensing, Hyperspectral data processing, dimensionality reduction, classification and Applications of Hyperspectral data in Forestry, water resource management, Urban Applications, Agriculture and soil etc. At the end of the course a panel discussion was conducted on February 04, 2019. The course contents of this course are also available in IIRS e-learning portal under CMS and Youtube Channel- <https://www.youtube.com/user/edusat2004>

  
**Dr. Namdev V. Telore**  
Coordinator  
IIRS Outreach Programme  
Centre R.S.B. Maharastra, Jyoti, Anand, Satara

#### **Ninth session**

In the field of mineral exploration, remote sensing has significant contribution such as mapping of geological faults and fractures and host rock that localize ore deposits based on their spectral signatures. However a major limitation of using remote sensing approaches to mineral exploration with broad-band multispectral sensors is the insufficient spectral resolution to map hydrothermal alteration minerals, which exhibit subtle differences in spectral signatures at narrow band width in electromagnetic spectrum. The advent of new hyperspectral sensor technology, in terms of both sensor and technique development, has provided opportunity to revisit previous remote sensing approaches to mineral exploration as well as development of improved methods. This session will explain the use of hyperspectral remote sensing for the geological applications such as identification and mapping of minerals.

#### **Tenth session**

The morphology of cities is very complex spatially due to immense heterogeneity in their structure. With time, the conditions are changing at fast pace within the urban canopy due to changing environments, human movements, and reconstruction and technological advancements. Knowledge about chemical compositions and radiative properties of both novel and older construction materials is required to ensure about their dynamic impacts. This session talks about Hyperspectral Remote Sensing for urban applications for land cover classification based on a priori knowledge about materials' spectral characteristics.

#### **Eleventh Session**

The remote sensing technique has been known for providing spatial and temporal information of natural resources. Its application in the field of water quality monitoring and assessment is at nascent stage. With the advancement in the field of sensor technology such as "hyperspectral sensors", remote sensing provides great opportunity to assess and monitor water quality of surface water bodies. The substances in the surface water significantly change the backscattering characteristic. Remote sensing techniques depend on the ability to measure these changes in the spectral signature backscattered from water and relate these measured changes by empirical or analytical models to a water quality parameter. The optimal wavelength used to measure a water quality parameter is dependent on the substance being measured, its concentration, and the sensor characteristics. In similar line, attempts have been made to analyse snow physical parameter like snow grain size mapping using hyperspectral data.

**Outline of the Course**

| <b>Sessions</b> | <b>Date &amp; Time (HRS)</b> | <b>Lecture Topic</b>  | <b>Faculty</b>    |
|-----------------|------------------------------|---|-------------------|
| I.              | 21.01.2019<br>1600 to 1730   | <b>Hyperspectral Remote Sensing: An Overview and Applications</b> <ul style="list-style-type: none"><li>- Principle of hyperspectral remote sensing</li><li>- Causes of absorption,</li><li>- Multispectral Vs Hyperspectral,</li><li>- Terrestrial, airborne and space borne hyperspectral sensors</li><li>- ISRO Program on hyperspectral imaging</li><li>- Overview of hyperspectral data processing,</li><li>- Hyperspectral data processing softwares</li><li>- Limitations of hyperspectral data.</li></ul> | Shri. Vinay Kumar |

#### **Third session**

This session will cover data dimensionality reduction techniques including the reduction of data, both spectrally with MNF, ICA and specially using Pixel Purity Index to identify pure pixels for the classification.

#### **Fourth session**

One objective of hyperspectral data processing is to classify collected imagery into distinct material constituents relevant to particular applications, and produce classification maps that indicate where the constituents are present. Such information products can include land-cover maps, surface mineral maps, vegetation species for agricultural or other earth science studies, or manmade materials for urban mapping. This fourth session will cover hard and soft classification algorithms, role of indices for hyperspectral data as well as accuracy assessment methods while focusing on specific class extraction.

#### **Fifth session**

This session covers about demonstration on ground spectro-radiometer for spectral data collection of various earth surface features. This session also includes generation of spectral library collected using spectro-radiometer and spectral resampling of spectral library with respect to pre-processed hyperspectral image.

#### **Sixth session**

Several hyperspectral tools are developed for information extraction from hyperspectral remote sensing data which often includes large data sets. This session will cover demonstration on hyperspectral data processing which includes pre-processing (sensor and atmospheric error correction). This session also covers about land cover classification of hyperspectral data with the help of collected ground spectra using per pixel (Spectral Angle Mapper) and sub pixel (Linear Spectral Unmixing) techniques in the ENVI software.

#### **Seventh session**

The identification of individual tree species/community has long been of interest using field spectro-radiometric techniques. The different spectral response patterns can typically be related strongly to tree species differentiation (color, leaf morphology, canopy morphology). Species vary by leaf angle, crown structure and color and hyperspectral data is more suitable to identify fine spectral differences. Hyperspectral imagery can be used to classify forest cover based on species composition and foliar chemical characteristics. Hyperspectral imagery can be used to derive estimate of foliar chlorophyll and foliar nitrogen concentrations. Ecological research is likely to benefit from the increased spectral resolution that hyperspectral remote sensing can provide.

#### **Eighth session**

Hyperspectral remote sensing provides near laboratory quality reflectance spectra of each single pixel which helps to extract vital information regarding the chemical constitution of the various materials including soil constituents. Studying the peculiar spectral absorption and reflectance features helps for predictive modelling and quantification of various soil properties like soil salinity, organic matter content, soil clay mineral composition, soil pollution etc. These approaches will help for better assessment of various soil degradation processes as well as soil quality.

**Organizer and Speaker(s):**

|   |  |
|---|--|
|    | Anil Kumar is Scientist/Engineer 'SG' and Head PRSD at Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun, India. He received his B.Tech degree in Civil Engineering from University of Lucknow, India and M.E. degree as well as in-service part time Ph.D in soft computing from Indian Institute of Technology, Roorkee, India. His current research interests are in the area of Soft computing, Digital Photogrammetry, GPS and LiDAR. |
|    | Hitendra Padalia is Scientist/Engineer 'SF' at Forestry and Ecology Department of Indian Institute of Remote Sensing, ISRO, Dehradun. He received M.Sc. in Forest: Economics and Management and Ph.D. degree in Forestry from FRI University, Dehradun. His research interests are hyperspectral microwave RS and modelling applications for forestry and ecological studies.  |
|    | Vaibhav Garg is Scientist/Engineer 'SE' at Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun, India. He is basically a Civil Engineering graduate, he did his masters from MNIT Jaipur with specialisation Water Resources Engineering. He did his PhD from Civil Engineering Department, Indian Institute of Technology Bombay, Mumbai, India. His current field of interest is surface water hydrology and water quality studies.        |
|   | Manu Mehta is Scientist/Engineer 'SE' at Indian Institute of Remote Sensing, ISRO, Dehradun. She received her M. Tech. degree in Optoelectronics and Optical Communication from Indian Institute of Technology, Delhi. Her current interests include aerosol remote sensing over land and ocean, spatio-temporal analysis, radiative transfer modelling and aerosol retrieval from satellite data.   |
|  | Vinay Kumar is Scientist/Engineer 'SE' at Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun, India. He received his B.E degree in Mining Engineering from BIT Sindri and M.Tech. degree in Geomatics Engineering from IIT Roorkee. His research interest is in the area of Hyperspectral Remote Sensing (HRS), including automatic end member extraction, simulation of HRS data from multispectral data and fusion of HRS and SAR data.   |
|  | Richa U Sharma is Scientist/Engineer 'SD' at Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun, India. She received her B.Sc in Maths Physics, Geology and M.Sc. in Geology from Govt. Holkar Science College, Indore and Diploma in Geoinformatics from IIRS- ITC joint programme. Her current research interest is hyperspectral remote sensing in geological applications.  |



Dr. Namdev V. Talim  
Co-ordinator  
IIRS Outreach Programme  
Campus Outreach Program, IIRS, Dehradun

Principal  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)

भारतीय दूरदर्शन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING  
 भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
 अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि राजा श्रीपत्रराव भगवन्तराव महाविद्यालय, औंध, महाराष्ट्र ने भारतीय दूरदर्शन संस्थान, देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण कार्यक्रम "हाइपेस्पेक्ट्रल रिमोट सेंसिंग और उसके अनुप्रयोग" में भाग लिया। इस ऑनलाइन कार्यक्रम का संचालन दिनांक 21 जनवरी, 2019 से 01 फरवरी, 2019 तक किया गया।

This is to certify that Raja Shripatrao Bhagawantrao Mahavidyalaya, Aundh, Maharashtra, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on "Hyperspectral Remote Sensing and its applications". This online programme was conducted during January 21, 2019 to February 01, 2019.

Dr. Namdev V. Talim  
Co-ordinator  
IIRS Outreach Programme  
Campus Outreach Program, IIRS, Dehradun

Principal  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING  
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



बहिः-पौसात कार्यक्रम/ विस्तृत कार्यक्रम प्रणाली पत्र  
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

COR413232019

समन्वय का प्रमाणपत्र  
CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि राजा श्रीपत्रराव भगवंतराव महाविद्यालय, औंध, महाराष्ट्र कार्यरत डॉ. डॉ. नामदेव वसंत तेलोर, ने "हाइपर स्पेक्ट्रल रिमोट सेंसिंग और उसके अनुप्रयोग" विषय पर इस संस्थान द्वारा दिनांक 21 जनवरी, 2019 से 01 फरवरी, 2019 तक संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम को समन्वित किया।

This is to certify that **DR. NAMDEV VASANT TELORE**, working with **Raja Shripatrao Bhagawantrao Mahavidyalaya, Aundh, Maharashtra**, has coordinated the online training course on "**Hyperspectral Remote Sensing and its applications**" conducted by this institute during January 21, 2019 to February 01, 2019.

दिनांक/ Date: 08-04-2019  
देहरादून/ Dehradun

प्रमुख,  
नियोजन सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग  
Head, Geospatial Services, IT & Distance Learning Department, IIRS

समूह प्रमुख,  
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह  
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

7. 59th IIRS Outreach Programme on 'Overview of Planetary Geosciences with special emphasis to the Moon' 08/06/2020 to 12/08/2020 Sponsored by NNRMS and organized by IIRS/ ISRO, Dept. of Space, Govt. of India, Dehradun

**RAJA SHRIPATRAO BHAGAWANTRAO MAHAVIDYALAYA, AUNDH, SATARA**

**Indian Institute of Remote Sensing, ISRO, Dehradun  
Department of Space, Government of India  
SUMMARY REPORT OF PROGRAM**



**Date: 30/11/2019**

To,  
The Principal,  
R.S.B. Mahavidyalaya, Aundh  
Tal. Khator, Dist. Satara

I am submitting summary report of 59<sup>th</sup> IRS ISRO Outreach Programme. Please accept it.

1. Name of Programme: **Overview of Planetary Geosciences with special emphasis to the Moon and Mars**
2. Duration: **08/06/2020 to 12/06/2020** **Total Days: 05**
3. Number of enrolled students: **04**
4. Name of Coordinator: **Dr. Telore Namdev Vinant**

5. Name of Resource Persons: i) Dr. Prakash Chaudhari ii) Mrs Richa U Sharma  
iii) Dr SI, Chatteraj iv) Dr. Mamota Chaudhari

**6. Objectives of the Programme:**

1. To take overview of Planetary Geosciences with special emphasis to the Moon and Mars

**7. Outcome of the Programme:**

1. Participants taken overview of Planetary Geosciences with special emphasis to the Moon and Mars

**Centre Coordinator**

**(Dr. Namdev V. Telore)**

**Dr. Namdev V. Telore**

**Co-ordinator**

**IRS Outreach Programme, Dehradun  
Centre R.S.B. Mahavidyalaya, Aundh, Dist. Satara**

**Principal**

**T/C PRINCIPAL  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)**

## IIRS Outreach Programme

The IIRS outreach programme, which started in 2007 with 12 universities/institutions has now grown substantially. The beneficiaries of the programme may include:

- Central/State/Private Universities & Academic Institutions
- Control & State Disaster Management Centers
- State Remote Sensing Departments
- Research Institutes
- Landscape engineering/ geographical institutes
- NGOs

## Feedback Mechanism

IIRS has conducted workshops and sessions during IIRS User Interaction Meet to take feedback from participating institutions to improve the quality of future courses.



## Awards

IIRS has received national awards for excellence in training for outreach and e-learning programme during 3<sup>rd</sup> National Symposium on Excellence in Training conducted during April 11-14, 2023 in New Delhi by Department of Personnel & Training (DPT, Govt. of India) in collaboration with United Nations Development Programme (UNDP).



## About IIRS

Indian Institute of Remote Sensing (IIRS) under Research Organisation (RO), Department of Space, Govt. of India is a premier Training and Educational institution for developing trained professionals in the field of Remote Sensing, Geoinformatics and GIS/RS Technology for Research, Environmental and Disaster Management. Formerly known as Indian Photo Interpretation Institute (PII), founded in 1970, the Institute began to be the first of its kind in entire South-East Asia. While nurturing its primary profession to build capacity among the user community by training mid-career professionals, the Institute has enhanced its capability and evolved many training and education programmes that are tuned to meet the requirements of various target groups, ranging from fresh graduates to post-graduates including academics.

IIRS also conducts e-learning programme on Remote Sensing and Geoinformatics Science (RSGS) (<http://www.iirs.gov.in>)

## Contact Details

**Dr. K.S. Chatterjee**  
Course Director  
Tel: 011-2514109  
Email: [kschatterjee@iirs.gov.in](mailto:kschatterjee@iirs.gov.in)

**Dr. Anish Karnatak**  
Programme coordinator  
Head, IIRS, G-12, Sector  
Tel: 011-2514102

**Dr. Manita Choudhary**  
Course Coordinator  
Tel: 011-2514173  
Email: [manita.choudhary@iirs.gov.in](mailto:manita.choudhary@iirs.gov.in)

**IRE DTP Team**  
Dr. Pankaj S. Taseel  
Tel: 011-2514134  
**Ms. Swastika Mishra**  
&  
**Ms. Ashok Chhabildas**  
Tel: 011-2514130

Indian Institute of Remote Sensing  
Indian Space Research Organisation  
Department of Space, Govt. of India  
Mahatma Jyoti Bapu Road,  
New Delhi-110016

**Dr. Namdeo V. Telare**  
IIRS

IIRS Outreach Programme Director  
IIRS, G-12, Sector-12, Connaught Place, New Delhi-110028



## Fifty Nine IIRS Outreach Programme



## Overview of Planetary Geosciences with special emphasis to the Moon and Mars

June-08-10, 2020



Organized by  
**Indian Institute of Remote Sensing**  
Indian Space Research Organisation  
Department of Space, Govt. of India  
Dehradun

[www.iirs.gov.in](http://www.iirs.gov.in)

**Dr. Pravin C. Pringle**  
Raja Sirpurkar Institute of Management  
Mahatma Jyoti Bapu Road, Connaught Place, New Delhi-110028

## About the Course

Planetary exploration has revealed several interesting facts related to the surface features on the planets and their satellites. The workshop on Planetary Geosciences is planned to provide an overview of planetary science, introduce students to the geology of the Moon and Mars and applications of various remote sensing techniques in studying their surface characteristics. We invite you to attend this training program on "Overview of Planetary Geosciences with special emphasis to Moon and Mars". The course is scheduled from April 13-17, 2020.

## Course Contents

Overview of Planetary Geosciences with special emphasis to the Moon and Mars

- Planetary Geoscience: Issues and Challenges
- Geology of the Moon
- Remote Sensing of the Moon: Tools and Techniques
- Geology of the Mars
- Remote Sensing of Mars: Tools and Techniques

## Practicals/Demo Exercises

- Planetary data downloading and handling
- Tutorial cum hands-on exercise on Hyperspectral data processing and analysis for Mars
- Tutorial cum hands-on exercise on Microwave data processing and analysis for Mars

**Dr. Namdeo V. Telare**  
IIRS  
IIRS Outreach Programme Director  
IIRS, G-12, Sector-12, Connaught Place, New Delhi-110028

## Target Participants

The course is designed for professional working in State Govt. / Private Organisations / Universities/ NGO/ students & researchers engaged in Earth and Planetary sciences. The course participants have to be duly sponsored by their university/ institution and application should be forwarded through coordinators from respective Organisations/ Offices. Users attending programmes under CEC/IGZ/ CDT/ other networks can also participate. Institutions on high speed National Knowledge Network (NKN) can also participate.

## Course Study Material

Course study material, slide lectures (PPTs), video recorded lectures, practical and demonstration handouts, etc. will be made available through IIRS by link. Video lectures will also be uploaded on YouTube Channel (<http://www.youtube.com/user/iirsindia>).

## Course Fee

There is no course fee for attending this programme.

## Course Registration

Course updates and other details will be available on IIRS: <http://www.iirs.gov.in/AboutIIRS/>. All the participants has to register online through registration page available on above web page.

## Award of Certificate

Working Professionals: Award on 75% attendance and submission of assignments.  
Students: Award on 75% attendance through registration.



## Course Funding & Technical Support

The programme is sponsored by National Natural Resources Management System – Standing Committee on Training and Education (SC-T&E), Indian Space Research Organisation, Department of Space, Government of India.

## Programme Reception

Programme can be received through Internet connectivity of 2Mbps or better. Following hardware and software will up to required at user end.

## Hardware Requirements:

- High-end Computer/Laptop (Windows OS)
- Good quality web camera
- Headphone with Microphone
- Speakers
- Large Display Screen (Projector or TV)

## Software and Internet Requirements

- Online live lectures through <https://www.iirs.gov.in/AboutIIRS/>
- <https://www.iirs.gov.in/AboutIIRS/>

## Connectivity & Other configurations

- Not on any other high speed Internet facility (preferably without firewall, with minimum of 2 Mbps bandwidth)
- Remove requirements: Port 80 and ITMP (port 2222) protocol should be unblocked from user's computer and Firewall

Note: Institutional/ Government users do their total internet for 100Mbps/min. of the minimum facility.

**Dr. Pravin C. Pringle**  
Raja Sirpurkar Institute of Management  
Mahatma Jyoti Bapu Road, Connaught Place, New Delhi-110028





Department of Space, Government of India  
Indian Space Research Organisation (ISRO)  
Indian Institute of Remote Sensing, Dehradun



59th IIRS Outreach Programme  
on

"Overview of Planetary Geosciences with special emphasis to the Moon and Mars"

June 08, 2020 to June 12, 2020

Lecture Schedule

| Sr. No. | Date          | Time             | Name of the topic  | Faculty               | Dept. |
|---------|---------------|------------------|--|-----------------------|-------|
| 1       | 08 June, 2020 | 10:30 - 11:30 Hr | Planetary Geoscience: Issues and Challenges                    | Dr. Prakash Chauhan   | GSD   |
| 2       | 09 June, 2020 | 10:30 - 11:30 Hr | Geology of the Moon  | Dr. S.L. Chatteraj    |       |
| 3       | 10 June, 2020 | 10:30 - 11:30 Hr | Remote Sensing of the Moon: Techniques and Findings            | Dr. P.K. Champati Ray |       |
| 4       | 11 June, 2020 | 10:30 - 11:30 Hr | Geology of Mars  | Dr. Mamta Chauhan     |       |
| 5       | 12 June, 2020 | 10:30 - 11:30 Hr | Remote Sensing of Mars   | Dr. Mamta Chauhan     |       |
|         |               | 11:30 - 12:30 Hr | Microwave remote sensing with emphasis on Indian Moon Missions | Dr. R.S. Chatterjee   |       |

Practicals/Demo Exercises

| Sr. No. | Date          | Time             | Name of the topic  | Faculty              | Dept. |
|---------|---------------|------------------|--|----------------------|-------|
| 1       | 09 June, 2020 | 15:00 - 16:00 Hr | Planetary data downloading and handling                          | Dr. S.L. Chatteraj   | GSD   |
| 2       | 10 June, 2020 | 15:00 - 16:00 Hr | Tutorial cum hands on exercises on Hyperspectral data processing | Mrs. Richa U. Sharma |       |
| 3       | 11 June, 2020 | 15:00 - 16:00 Hr | Tutorial cum hands on exercises on Lunar data analysis           | Dr. Mamta Chauhan    |       |

  
**Dr. Namdev V. Telore**  
Co-ordinator  
IIRS Outreach Programme, Dehradun  
Centre: R.S.B. Mahavidyalaya, Aunth, Dist. Satara

  
**Raja Shripati**  
I/C PRINCIPAL  
Raja Shripati - 20 Bhagwantrao  
Mahavidyalaya, Aunth (Satara)



Department of Space, Government of India  
Indian Space Research Organisation (ISRO)  
Indian Institute of Remote Sensing, Dehradun

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59th IIRS Outreach Programme

on

"Overview of Planetary Geosciences with special emphasis to the Moon and Mars"

June 08, 2020 to June 12, 2020


#### Lecture Schedule

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**Dr. Namdev V. Telore**  
Coordinator  
IIRS Outreach Programme, Dehradun  
Centre R.S.A. Mahavidyalaya, Auruli, Dist. Satara

  
**PRINCIPAL**  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Auruli (Satara)



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Dr. H.S. Outreach Programme on Overview of Primary Assessment with special emphasis to the Moon and Mars

[View Student](#)   [Attendance](#)   [Attendance Status](#)   [Study Material](#)   [Download Certificate](#)

**Attendance Sheet for Course on Overview of Primary Assessment with special emphasis to the Moon and Mars**

| Registration Number | Name                        | Total Sessions | No. of sessions attended | % of Attendance | Eligibility for Examination/Certificate |
|---------------------|-----------------------------|----------------|--------------------------|-----------------|---|
| 2022NS114011        | MR. RUPESH DOKANINATH PUNNA | 5              | 5                        | 100%            | Yes                                     |
| 2022NS117010        | PROF. SURESH VASANT SARGUDE | 5              | 5                        | 100%            | Yes                                     |
| 2022NS121070        | MR. PRASHANT SURESH JAGDALE | 5              | 5                        | 100%            | Yes                                     |
| 2022NS122140        | MR. UMESH PRAKASH PITELAK   | 5              | 5                        | 100%            | Yes                                     |



*[Signature]*  
**Dr. Nandini V. Telore**  
Coordinator  
BSE District-Talagadda Hubballi  
Centre & SEI Hubballi

*[Signature]*  
**Principat**  
Hubballi  
Maddur



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING  
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



बहिः-कैंपस कार्यक्रम/ विभाग कार्यक्रम प्रमाण पत्र  
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

COR593232020

संस्थान की सहभागिता का प्रमाण पत्र  
CERTIFICATE OF PARTICIPATION OF INSTITUTE



यह प्रमाणित किया जाता है कि राजा श्रीपतराव भगवंतराव महाविद्यालय, औंध, सातारा, महाराष्ट्र ने भारतीय सुदूर संवेदन संस्थान, इसरो देहार्दुन द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम "ग्रहीय भूविज्ञान का अवलोकन : विशेषतः चन्द्रमा और मंगल ग्रह के सन्दर्भ में" में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 08 जून, 2020 से 12 जून, 2020 तक किया गया।

This is to certify that Raja Shripatrao Bhagawantrao Mahavidyalaya, Aundh, Satara, Maharashtra, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehardun on "Overview of Planetary Geosciences with special emphasis to the Moon and Mars". This online programme was conducted during June 08, 2020 to June 12, 2020.

दिनांक/ Date: 10-08-2020

संस्था/ Institution

Dr. Namdar V. Telare

ISRO Outreach Programme, Dehradun  
Post Bag 19, Mahanagar, Aundh, Dist. Satara

ISRO

सिटीय अधिकारी, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग

Head, Geospatial Services, IT & Distance Learning Department, IIRS

समूह प्रमुख

भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह

Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

I/C PRINCIPAL

Raja Shripatrao Bhagawantrao Mahavidyalaya, Aundh (Satara)



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING  
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



बहिः-कैंपस कार्यक्रम/ विभाग कार्यक्रम प्रमाण पत्र  
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

COR593232020

संस्थान की सहभागिता का प्रमाण पत्र  
CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि राजा श्रीपतराव भगवंतराव महाविद्यालय, औंध, सातारा, महाराष्ट्र ने भारतीय सुदूर संवेदन संस्थान, इसरो देहार्दुन द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम "ग्रहीय भूविज्ञान का अवलोकन : विशेषतः चन्द्रमा और मंगल ग्रह के सन्दर्भ में" में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 08 जून, 2020 से 12 जून, 2020 तक किया गया।

This is to certify that Raja Shripatrao Bhagawantrao Mahavidyalaya, Aundh, Satara, Maharashtra, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehardun on "Overview of Planetary Geosciences with special emphasis to the Moon and Mars". This online programme was conducted during June 08, 2020 to June 12, 2020.

दिनांक/ Date: 10-08-2020

देहार्दुन/ Dehradun

प्रमुख,

नियोजन सर्विसेज, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग

Head, Geospatial Services, IT & Distance Learning Department, IIRS


समूह प्रमुख,

भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह

Group Head, Geospatial Technologies & Outreach Programme Group, IIRS



8. 60<sup>th</sup> IIRS Outreach Programme on "Application of Geoinformatics in Ecological Studies" Sponsored by NNRMS and organized by IIRS/ ISRO, Dept. of Space, Govt. of India, Dehradun 13/07/2020 to 24/07/2020



**RAJA SHRIPATRAO BHAGAWANTRAO MAHAVIDYALAYA, AUNDH, SATARA**  
Indian Institute of Remote Sensing, ISRO, Dehradun  
Department of Space, Government of India  
**SUMMARY REPORT OF PROGRAM**

Date: 30/11/2019

To,  
The Principal,  
R.S.B. Mahavidyalaya, Aundh  
Tal. Khatav, Dist. Satara


I am submitting summary report of 60<sup>th</sup> IIRS ISRO Outreach Programme. Please accept it.


1. **Name of Programme:** Application of Geoinformatics in Ecological Studies  
2. **Duration:** 13/07/2020 to 24/07/2020      **Total Days:** 12  
3. **Number of enrolled students:** 02  
4. **Name of Coordinator:** Dr. Telore Nandev Vaani  
5. **Name of Resource Persons:** i) Dr. Hitesh Padalia  
ii) Dr. Subrata Nandy      iii) Dr. Poonam S. Tiwari

6. **Objectives of the Programme:**  
i. To know concepts of Geoinformatics.  
ii. To aware basis of Geoinformatics in ecological studies.

7. **Outcome of the Programme:**  
i. Participants become aware of Geoinformatics technology.  
ii. Participants become aware in ecological studies.

**Centre Coordinator**      **Principal**

  
(Dr. Nandev V. Telore)  
Dr. Nandev V. Telore  
Co-ordinator  
IIRS Outreach Programme, Dehradun  
Centre R.S.B. Mahavidyalaya, Aundh, Dist. Satara

  
H.C. PRINCIPAL  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)

## IIRS Outreach Programme

The IIRS outreach programme, which was started in 2007 with 12 universities/institutions has now grown substantially to 1100. The beneficiaries of the programme may include:

- Central/State/Private Universities & Academic Institutions
- Central & State Government Organisations/Departments
- Forest Resource Professionals
- State Forest Departments/Forest Training Academies
- Research Institutes
- Geospatial Institutes
- NGOs

## Feedback Mechanism

IIRS has conducted workshops and sessions during IIRS Academic Meet to take feedback from participating institutions to improve the quality of future courses.



Academic Meet 2019

## Awards of Appreciation

IIRS has received national awards for excellence in training for outreach and a learning programme during 7th National Symposium on Excellence in Training conducted during April 22-24, 2019 in New Delhi by Department of Personnel & Training (DPT), Govt. of India in collaboration with central Sector, Government Employees Union.



Awards of Appreciation

## About IIRS

Indian Institute of Remote Sensing (IIRS) under the aegis of Space Research Organisation (ISRO), Department of Space, Govt. of India is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geoinformatics and GIS Technology for Natural Resources, Environmental and Disaster Management. Formerly known as Indian Photo-interpretation Institute (IPI), founded in 1960, the Institute stands to be the first of its kind in entire South East Asia. While nurturing its primary endeavour to build capacity among the user community by training and career professionals, the Institute has extended its capability and covered many training and education programmes that are tuned to meet the requirements of various target groups ranging from trainees to policy makers including academia.

IIRS also conducts e-learning programme on Remote Sensing and Geoinformatics Science (Open-Accessing at [www.iirs.gov.in](http://www.iirs.gov.in)).

## Contact Details

Dr. Narendra Kumar  
Chief Executive &  
Head, Faculty Development  
IIRS, Hyderabad-500 030  
Email: [narendra@iirs.gov.in](mailto:narendra@iirs.gov.in)

Dr. Rajendra Kumar  
Deputy Director  
Training and Learning Management  
IIRS, Hyderabad-500 030  
Email: [rajendra@iirs.gov.in](mailto:rajendra@iirs.gov.in)

Dr. Rajendra Kumar  
Programme Coordinator  
Application Programme  
IIRS, Hyderabad-500 030  
Email: [rajendra@iirs.gov.in](mailto:rajendra@iirs.gov.in)

Dr. Rajendra Kumar  
Deputy Director  
IIRS, Hyderabad-500 030  
Email: [rajendra@iirs.gov.in](mailto:rajendra@iirs.gov.in)

Dr. Rajendra Kumar  
Deputy Director  
IIRS, Hyderabad-500 030  
Email: [rajendra@iirs.gov.in](mailto:rajendra@iirs.gov.in)

Dr. Rajendra Kumar  
Deputy Director  
IIRS, Hyderabad-500 030  
Email: [rajendra@iirs.gov.in](mailto:rajendra@iirs.gov.in)

## 60<sup>th</sup> IIRS Outreach Programme



## Application of Geoinformatics in Ecological Studies

July 19-26, 2020



Organized by

Indian Institute of Remote Sensing  
Indian Space Research Organisation  
Department of Space, Govt. of India,  
Bengaluru



Raja Sriperumbudur, Mysuru  
Mahaveerajyotsna, Anantapur

## About the Course

Recent advancements in the field of geoinformatics have a substantial impact on ecological studies, growing spatial data and associated information to enable a better understanding of the ecological systems. Remote sensing has been widely used as a source of environmental information for ecological research. The temporal dimension of remote sensing is also a valuable attribute for studies of ecological systems as landscape to global scales, providing a means to study the impacts of environmental change. Researchers have become increasingly aware of the potential of GIS and data availability and tools for ecological modeling applications. There has been considerable development in remote sensing to the ecologist. The recent surge in Free and Open Source Software (FOSS) of GIS has added another dimension by making services beneficial to the ecological and environmental sciences. With the development of new tools and vector formats with improved spatial precision, and improved resolution, GIS applications like using web-based data integration applications are contributing immensely to ecological research.

## Course Contents

- An overview of application of geoinformatics in ecological studies
- Ecological niche-based species distribution modeling
- Ecological niche modeling using GIS/RS
- Remotely sensed based land-use/cover classification
- Remote sensing in ecology & conservation
- Ecological niche modeling using GIS/RS
- Ecological niche modeling using GIS/RS

## Target Participants

The course is designed for professionals from Government/State/Private Organisations/Institutions and individuals engaged in ecological studies. The course participants have to be study specialists in their respective disciplines and application should be forwarded through coordinators from respective organisations/institutions attending programme under OCC/GSCE/ST/other channels can also participate. Institutions on high speed National Knowledge Network (NKN) can also participate.

## Course Study Material

Course study materials like lecture notes, video recorded lectures, user manuals software & hardware of demonstration, etc. will be made available through a user login. Lectures will also be conducted on video links (<https://www.youtube.com/watch?v=...>).

## Course Fee

There is no course fee for attending this program.

## Course Registration

- Course syllabus and other details will be available on IIRS ([www.iirs.gov.in](http://www.iirs.gov.in)).
- In particular in this programme and interested engineering/management/doctoral students, too, to attend a free of cost and the selected participants will register course through IIRS on-line portal.
- In the application form an applicant should attach registration fee to IIRS Hyderabad before registration on-line.

## Course Funding & Technical Support

The programme is sponsored by National Natural Resources Management System - Standing Committee on Training and Education (N-STE), Indian Space Research Organisation, Department of Space, Government of India.

## Programme Reception

Programme can be received through a video platform of IIRS NRO using internet connectivity. No specific hardware/software is required. However, it is recommended good internet connectivity at user end. To run the programme in class room, following hardware will be required:

- Desktop computer with web camera, microphone and digital speakers in sync with recording camera and output system.
- Large display screen/projector/TV.

## Important links

Course syllabus and other details will be available on IIRS ([www.iirs.gov.in](http://www.iirs.gov.in)).

To participate in this programme, the interested participants/organisations/institutions have to identify the coordinator at their end. The identified coordinator will register course through IIRS on-line portal. In the application form an applicant should attach registration fee to IIRS Hyderabad before registration on-line.

## Award of Certificate

Successful participants will receive a certificate from IIRS ([www.iirs.gov.in](http://www.iirs.gov.in)).

Dr. Rama V. Suresh  
Coordinator  
IIRS Outreach Programme, Hyderabad  
www.iirs.gov.in

Raja Sriperumbudur, Mysuru  
Mahaveerajyotsna, Anantapur



Indian Institute of Remote Sensing  
Indian Space Research Organisation  
Dept. of Space, Govt. of India  
Dehradun

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60<sup>th</sup> IIRS Outreach Programme  
on  
Application of Geoinformatics in Ecological Studies  
July 13-24, 2020



Lecture Schedule

| Date & Time                 | Topic  | Faculty/Resource person               |
|-----------------------------|--|---------------------------------------|
| 13.07.2020<br>1600-1730 hrs | An overview of application of geoinformatics in ecological studies | Dr. Hitendra Padalia                  |
| 14.07.2020<br>1600-1730 hrs | Ecological niche-based species distribution modelling              | Dr. Hitendra Padalia                  |
| 15.07.2020<br>1600-1730 hrs | Ecological studies using LiDAR                                     | Dr. Subrata Nandy                     |
| 16.07.2020<br>1600-1730 hrs | Biodiversity assessment with geoinformatics                        | Dr. Ishwari Datt Rai                  |
| 17.07.2020<br>1600-1730 hrs | Geostatistical analysis in ecological studies                      | Dr. Taibanganba Watham                |
| 20.07.2020<br>1600-1730 hrs | Biodiversity informatics and citizen science                       | Dr. Sameer Saran                      |
| 21.07.2020<br>1600-1730 hrs | Satellite telemetry for wildlife studies                           | Dr. Gautam Talukdar                   |
| 23.07.2020<br>1600-1730 hrs | Ecological studies using cloud computing (Demo)                    | Dr. Subrata Nandy & Ms. Ritika Seinet |
| 24.07.2020<br>1600-1700 hrs | Panel discussion   |                                       |

  
Dr. Namdev V. Telore  
Co-ordinator  
IIRS Outreach Programme  
Director, IIRS, Dehradun

  
T/C PRINCIPAL  
Raja Shripatrao Bhamburao  
Mahavidyalaya, Amtili (Satara)



Indian Institute of Remote Sensing  
Indian Space Research Organisation  
Dept. of Space, Govt. of India  
Dehradun

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60<sup>th</sup> IIRS Outreach Programme  
on  
Application of Geoinformatics in Ecological Studies  
July 13-24, 2020

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| 24.07.2020<br>1600-1700 hrs | Panel discussion   |                                       |

  
Dr. Namdev V. Telore  
Co-ordinator  
IIRS Outreach Programme  
Centre R.S.B. Mahadwajpaya, Kanan, Dehradun

  
T/C PRINCIPAL  
Raja Shripatiraj Illupanttrao  
Mahavidyalaya, Aantil, (Satara)



INDIAN INSTITUTE OF REMOTE SENSING  
Indian Space Research Organisation  
Department of Space, Govt. of India

HOME PROGRAMME OVERVIEW REGISTER FOR PROGRAMME NEXT COURSES FAQ COURSE CALENDAR E-CLASS CONTACT LOGOUT

**E-CLASS**  
ELECTRONIC CLASSROOM LEARNING AND MONITORING SYSTEM

Ongoing Courses  
Live Lecture  
Offline Session  
**Past Courses**  
Future Courses  
Update Student Records  
Change Password  
View Profile  
Sign Out

M. Sc. Distant Programme in Application of Geoinformatics in Ecological Studies

View Student Attendance Attendance status Study Material

Attendance Record for Course in Application of Geoinformatics in Ecological Studies

| Registration Number | Name                      | Total Sessions | No. of sessions attended | % of Attendance | Eligibility for Examination/Certificate |
|---------------------|---------------------------|----------------|--------------------------|-----------------|---|
| 202000142879        | MR. SAHESH DINKAR BLADKAR | 5              | 2                        | 77.78           | Yes                                     |
| 202000142584        | DR. SANDRINA PATIL        | 5              | 5                        | 100.00          | Yes                                     |

INDIAN INSTITUTE OF REMOTE SENSING  
Indian Space Research Organisation  
Department of Space, Govt. of India

HOME PROGRAMME OVERVIEW REGISTER FOR PROGRAMME NEXT COURSES FAQ COURSE CALENDAR E-CLASS CONTACT LOGOUT

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M. Sc. Distant Programme in Application of Geoinformatics in Ecological Studies

View Student Attendance Attendance status Study Material

Attendance Record for Course in Application of Geoinformatics in Ecological Studies

| Registration Number | Name                      | Total Sessions | No. of sessions attended | % of Attendance | Eligibility for Examination/Certificate |
|---------------------|---------------------------|----------------|--------------------------|-----------------|---|
| 202000142879        | MR. SAHESH DINKAR BLADKAR | 5              | 3                        | 77.78           | Yes                                     |
| 202000142584        | DR. SANDRINA PATIL        | 5              | 5                        | 100.00          | Yes                                     |

Dr. Namdev V. Jalire  
Coordinator  
M. Sc. Distant Programme  
in Application of Geoinformatics in Ecological Studies

Principal  
Rajalal Shastri Institute of Management  
Maharajapuraya, Aurangabad (Satara)



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING  
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



ऑफ/ऑन कैंपस/ऑन कैंपस प्रोग्राम  
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

COR603232019

संस्थान की सहभागिता का प्रमाण पत्र  
CERTIFICATE OF PARTICIPATION OF INSTITUTE



यह प्रमाणित किया जाता है कि राजा श्रीपत्राव भगवंतराव महाविद्यालय, औंध, सातारा, महाराष्ट्र ने भारतीय सुदूर संवेदन संस्थान, इंदिरा देहादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम "पारिस्थितिकी अध्ययन में भू-सूचना विज्ञान के अनुप्रयोग" में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 13 जुलाई, 2020 से 24 जुलाई, 2020 तक किया गया।

This is to certify that Raja Shripatrao Bhagawantrao Mahavidyalaya, Aundh, Satara, Maharashtra, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on "Application of Geoinformatics in Ecological Studies". This online programme was conducted during July 13, 2020 to July 24, 2020.

दिनांक/Date: 01-10-2020

सहसंचालक/Dehradun

Dr. Namdev V. Telore

प्रमुख,  
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग  
Head, Geoweb Services, IT & Distance Learning Department, IIRS

समूह प्रमुख

भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह

Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

IIRS Outreach Programme Group  
Centre, I.I.T. Dehradun, India

Raja Shripatrao Bhagawantrao  
Mahavidyalaya, Aundh, Satara, Maharashtra



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING  
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



ऑनलाइन दूरस्थ अधिगम कार्यक्रम  
ONLINE DISTANCE LEARNING PROGRAMME

COR603232020

समन्वय का प्रमाणपत्र  
CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि राजा श्रीपत्राव भगवंतराव महाविद्यालय, औंध, सातारा, महाराष्ट्र कार्यरत डॉ. नामदेव वसंत तेलोर, ने "पारिस्थितिकी अध्ययन में भू-सूचना विज्ञान के अनुप्रयोग" विषय पर इस संस्थान द्वारा दिनांक 13 जुलाई, 2020 से 24 जुलाई, 2020 तक संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम को समन्वित किया।

This is to certify that **DR. NAMDEV VASANT TELORE**, working with Raja Shripatrao Bhagawantrao Mahavidyalaya, Aundh, Satara, Maharashtra, has coordinated the online training course on "Application of Geoinformatics in Ecological Studies" conducted by this institute during July 13, 2020 to July 24, 2020.

दिनांक/Date: 01-10-2020  
देहरादून/Dehradun

प्रमुख,  
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग  
Head, Geoweb Services, IT & Distance Learning Department, IIRS

समूह प्रमुख,  
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह  
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

9. 65<sup>th</sup> IIRS Outreach Programme on "Remote Sensing & Digital Image Analysis" Sponsored by NNRMS and organized by IIRS/ISRO, Dept. of Space, Govt. of India, Dehradun 17.08.2020 to 11.09.2020

**RAJA SHRIPATRAO BHAGAWANTRAO MAHAVIDYALAYA, AUNDH, SATARA**

**Indian Institute of Remote Sensing, ISRO, Dehradun  
Department of Space, Government of India  
SUMMARY REPORT OF PROGRAM**

**Date: 30/11/2020**

To,  
The Principal,  
R.S.B. Mahavidyalaya, Aundh  
Tal. Khatav, Dist. Satara

I am submitting summary report of 65<sup>th</sup> IIRS ISRO Outreach Programme. Please accept it.

**1. Name of Programme:** Remote Sensing & Digital Image Analysis  
**2. Duration:** 17/08/2020 to 11/09/2020 **Total Days: 12**  
**3. Number of enrolled students:** 03  
**4. Name of Coordinators:** Dr. Telore Nandev Vasant  
**5. Name of Resource Persons:** i) Dr. Prakash Chauhan  
ii) Mr. Vinay Kumar iii) Dr. PS Tiwari

**6. Objectives of the Programme:**  
i. To know concepts of remote sensing  
ii. To aware basics of digital image analysis

**7. Outcome of the Programme:**  
i. Participants become aware of concepts of remote sensing  
ii. Participants become expert in the digital image analysis

**Centre Coordinator**  
(Dr. Nandev V. Telore)

**Principal**  
T/C PRINCIPAL  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)

Course Name: Remote Sensing & Digital Image Analysis  
 Course Coordinator: Mrs. Minalshi Kumar

17 August-11 September



| Date       | Day       | Time                           | Topic   | Speaker                                    |
|------------|-----------|--------------------------------|---|--|
| 17/08/2020 | Monday    | 1600-1730 hrs                  | Course Inauguration and Introductory Lecture , Indian Space Programme                                       | Dr. Prakash Chauhan                        |
| 18/08/2020 | Tuesday   | 1600-1700 hrs<br>1700-1730 hrs | Basic Principles of Remote Sensing<br>Interactive Session   | Ms. Manu Mehta                             |
| 19/08/2020 | Wednesday | 1600-1700 hrs<br>1700-1730 hrs | Earth Observation Sensors and Platforms<br>Interactive Session  | Mr. Vinay Kumar                            |
| 24/08/2020 | Monday    | 1500-1545 hrs<br>1545-1600 hrs | Spectral Signatures of Different Land cover Features and Visual Image Interpretation<br>Interactive Session | Dr. Hina Pande                             |
| 24/08/2020 | Monday    | 1605-1700 hrs<br>1700-1730 hrs | Digital Image Processing: Basic Concepts Rectification and Registration<br>Interactive Session              | Ms. Minalshi Kumar                         |
| 25/08/2020 | Tuesday   | 1500-1545 hrs<br>1545-1600 hrs | Enhancement techniques Image<br>Interactive Session   | Dr. Poonam S. Tiwari                       |
| 25/08/2020 | Tuesday   | Offline Session                | RS and Image Interpretation Practical   | Self-Practice by participants / Assignment |
| 26/08/2020 | Wednesday | 1500-1545 hrs<br>1545-1600 hrs | Image Classification Techniques and Accuracy Assessment Part 1<br>Interactive Session                       | Dr. Poonam S. Tiwari                       |
| 26/08/2020 | Wednesday | 1605-1700 hrs<br>1700-1730 hrs | Thermal Remote Sensing  | Dr. Yogesh Kant                            |
| 27/08/2020 | Thursday  | 1600-1700 hrs<br>1700-1730 hrs | Image Classification Techniques and Accuracy Assessment Part 2<br>Interactive Session                       | Dr. Poonam S. Tiwari                       |
| 28/08/2020 | Friday    | 1600-1700 hrs<br>1700-1730 hrs | Digital Change Detection<br>Interactive Session   | Ms. Minalshi Kumar                         |
| 31/08/2020 | Monday    |                                | Onam Festival   |  |
| 01/09/2020 | Tuesday   | 1600-1730 Hrs                  | GEE Application Programming Interface: Introduction and Case Studies Demo                                   | Ms. Supriya sharma                         |
| 02/09/2020 | Wednesday | 1600-1700 hrs<br>1700-1730 hrs | Hyperspectral Remote Sensing<br>Interactive Session   | Mr. Vinay Kumar                            |
| 03/09/2020 | Thursday  | 1600-1700 hrs<br>1700-1730 hrs | Demonstration: Image Processing Software  | Ms. Minalshi Kumar                         |

  
 Dr. Namdev V. Telore  
 Co-ordinator  
 RSC Outreach Programme  
 Centre: R.S.B. Mahavidyalaya, Satara

  
 PRINCIPAL  
 Raja Shriyatrao Bhagwantrao  
 Mahavidyalaya, Satara (Satara)



| Date                                   | Day                                 | Time             | Topic  | Speaker   |
|--|-------------------------------------|------------------|--|---|
|  |                                     |                  | Interactive Session  |   |
| 04/09/2020                             | Friday                              | 1600-1700 hrs    | Basics of SAR Remote Sensing   | Mr. Shashi Kumar  |
|  |                                     | 1700-1730 hrs    | Interactive Session  |   |
| 07/09/2020                             | Monday                              | 1600-1700 hrs    | Basics of SAR Data Processing  | Ashish Joshi  |
|  |                                     | 1700-1730 hrs    | Interactive Session  |   |
| 08/09/2020                             | Tuesday                             | 1600-1700 hrs    | Basics of LIDAR Remote Sensing   | Dr. Hina Pande  |
|  |                                     | 1700-1730 hrs    | Interactive Session  |   |
| 04/09/2020<br>07/09/2020<br>08/09/2020 | Friday,<br>Monday &<br>Tuesday      | Offline Session  | Image Processing Hands-on practice   | Self-Practice by participants / Assignment  |
| 10/09/2020                             | Thursday                            | 1600-1700 hrs    | Basics of UAV Remote Sensing   | Mrs. Sheshi Agrawal   |
|  |                                     | 1700-1730 hrs    | Interactive Session  |   |
| 11/09/2020                             | Friday                              | 1600-1730 hrs    | Panel Discussion/Query Session   | All the faculty   |
| 28/09/2020                             | Monday<br>Tuesday<br>&<br>Wednesday | 9:30 to 1500 Hrs | Examination<br>Examination Website:<br><a href="https://www.tnps.gov.in">https://www.tnps.gov.in</a> | As per allotted Slot Details and procedure will be uploaded on below link:<br><a href="https://www.tnps.gov.in/EDU/SAT-news">https://www.tnps.gov.in/EDU/SAT-news</a> |



  
**Dr. Namdev V. Telore**  
 Co-ordinator  
 IISAT Outreach Programme, Dehradun  
 Centre: R.S.M. Mahavidyalaya, Amraoti, Dist. Solapur

  
**PRINCIPAL**  
 Raja Sitapatrao Bhingwantrao  
 Mahavidyalaya, Amraoti (Satara)

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Department of Space, Govt. of India

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| Registration Number | Name                      | Total Sessions | No. of sessions attended | % of Attendance | Eligibility for Examination/Certificate |
|---------------------|---------------------------|----------------|--------------------------|-----------------|---|
| 202003041833        | DR. ANSHU POYTHAI         | 15             | 15                       | 100%            | Yes                                     |
| 202003042040        | MRS. SUSHMA MAHURAJ THOSK | 15             | 15                       | 100%            | Yes                                     |

*H.V.*  
Dr. Nandev V. Telore  
Co-ordinator  
III Outreach Programme, Institute  
Space & Remote Sensing, Govt. of India

*Chaudhary*  
I/O PRINCIPAL  
Raja Srinivasrao Dhanwantara  
Maharajgunge, Jambhli (Gatara)

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| S. No. | Enroll No.   | Name           | DOB        | Mobile No. | E-mail                  | Enroll Status |
|--------|--------------|----------------|------------|------------|-------------------------|---------------|
| 1      | 202003041833 | Anshu Poythai  | 10-04-1972 | 9423444893 | anshupoi7@gmail.com     | View Approved |
| 2      | 202003042040 | Sushma Mahuraj | 09-08-1967 | 9146222880 | sushmamahuraj@gmail.com | View Approved |

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Indian Space Research Organisation  
Department of Space, Govt. of India  
Post Bag No. 124  
Dehradun - 248 015 (Uttarakhand) India

**IMPORTANT LINKS**  
III e-Learning Structure  
III Course Calendar for the Year 2019  
III Application Form

*H.V.*  
Dr. Nandev V. Telore  
Co-ordinator  
III Outreach Programme, Institute  
Space & Remote Sensing, Govt. of India

*Chaudhary*  
I/O PRINCIPAL  
Raja Srinivasrao Dhanwantara  
Maharajgunge, Jambhli (Gatara)



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श्री: सीआर आर/ विद्यालय अंतरिक्ष २०२०-२१  
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CDASS/231020

संस्थान की सहभागिता का प्रमाण पत्र  
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यह प्रमाणित किया जाता है कि राजा श्रीपतराव भगवन्तराव महाविद्यालय, औंध, सतरा, महाराष्ट्र ने भारतीय सुदूर संवेदन संस्थान, इंदिरा देह्रादुन द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम - सुदूर संवेदन और डिजिटल छवि विश्लेषण " में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 17 अगस्त, 2020 से 11 सितंबर, 2020 तक किया गया।

This is to certify that Raja Shripatrao Bhagawantrao Mahavidyalaya, Aundh, Satara, Maharashtra, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on "Remote Sensing and Digital Image Analysis". This online programme was conducted during August 17, 2020 to September 11, 2020.

दिनांक (Date): 23-12-2020

स्थान (Dehradun)

सूत्र

निदेशक अंतरिक्ष, एनएसआरओ/ श्री सुभाष अंतरिक्ष विभाग

(Head, Space Services, IT & Human Learning Department, IIRS)

समूह मुख

सू अंतरिक्ष अंतरिक्ष और अंतरिक्ष कार्यक्रम

Group Head, Geospatial Technology & Outreach Programs Group, IIRS

Dr. Namdeo V. Teltar

Group Head, Geospatial Technology & Outreach Programs Group, IIRS  
 Maharashtra, Satara (Satara)

IIRS Outreach Programes  
 Centre for Remote Sensing & Earth Observation

10. 66<sup>th</sup> IIRS Outreach Programme on 'Global Navigation Satellite System' 14/09/2020 - 25/09/2020 Sponsored by NNRMS and organized by IIRS/ ISRO, Dept. of Space, Govt. of India, Dehradun

**RAJESHIPATRAO BHAGAWANTRAO MARGAVIDYALAYA, AUNDI, MUMBAI**  
Indian Institute of Remote Sensing, IIRS, Dehradun  
Department of Space, Government of India  
**SUMMARY REPORT OF PROGRAM**



Date: 30/11/2019

To,  
The Principal,  
R.S.E. Maharashtra, Aunthi  
Tal. Khare, Dist. Satara

I am submitting summary report of 4<sup>th</sup> IIRS SBO Outreach Programme (Phase-1) report as

1. Name of Programme: Global Navigation Satellite System  
2. Duration: 14/09/2019 to 25/09/2019 Total Days: 12

3. Number of certified students: 08

4. Name of Coordinator: Dr. Yashraj Vaidya

5. Name of Resource Persons: (i) Dr. A. Shankar (ii) Mr. Ashish Joshi  
(iii) Mr. Anand Karmarkar

6. Objective of the Programme:

1. To know concepts of Global Navigation Satellite System

7. Outcome of the Programme:

1. Participants become aware of concepts of Global Navigation Satellite System

Centre Coordinator

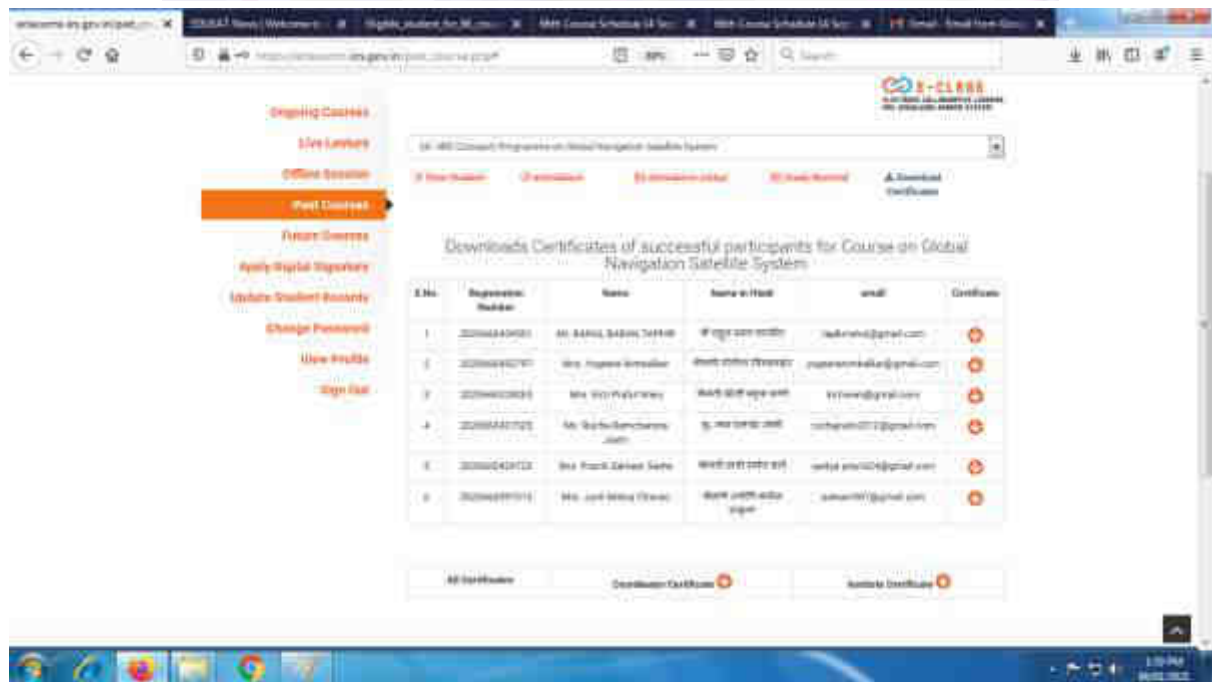
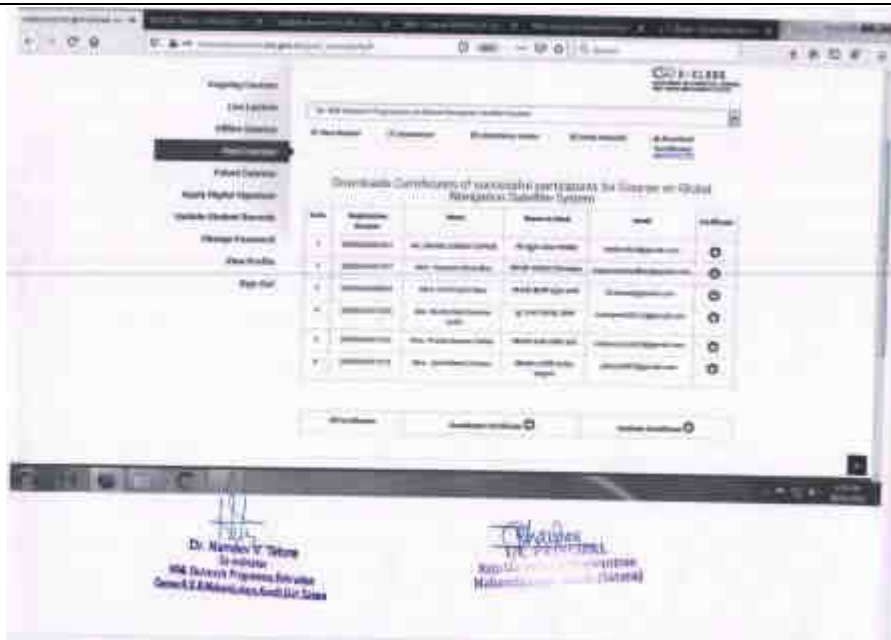
Dr. Yashraj V. Vaidya  
Dr. Manoj V. Joshi  
Co-coordinator  
IIRS Outreach Programme In-charge  
Satara I.I. Maharashtra Institute of Space

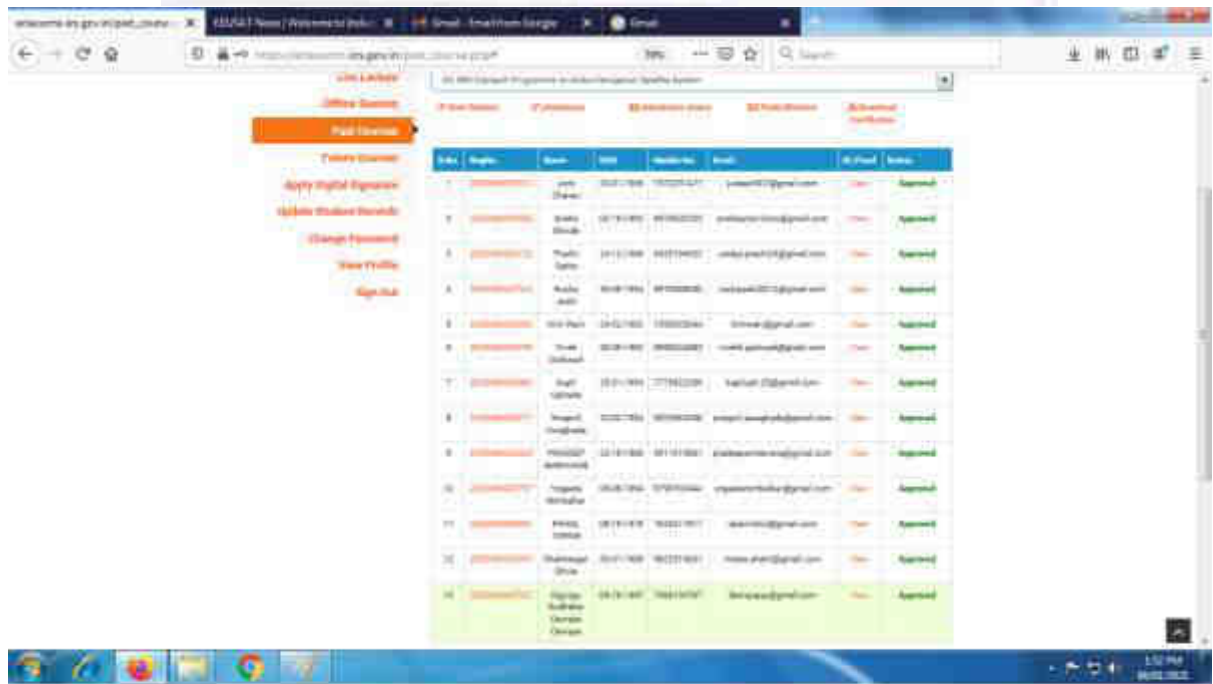
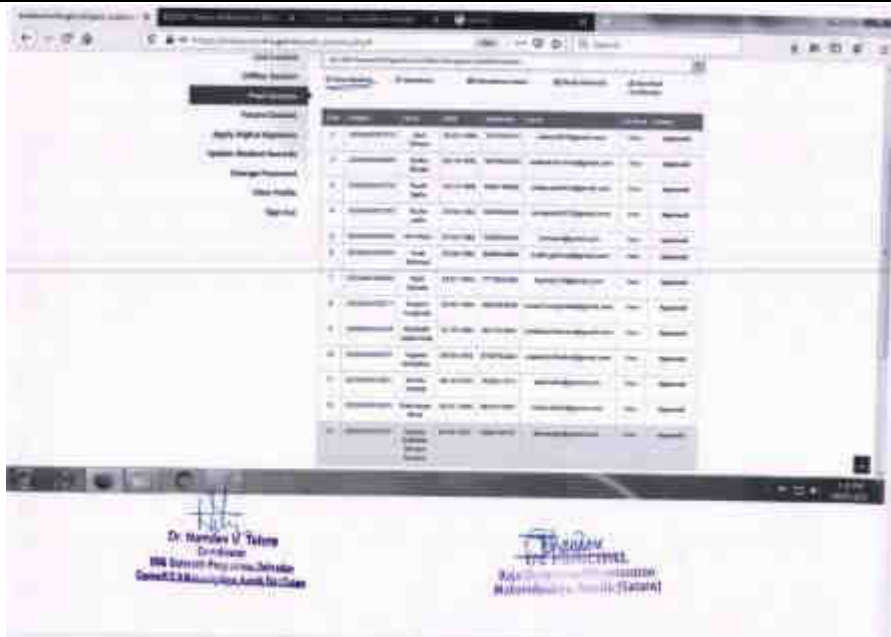
Principal

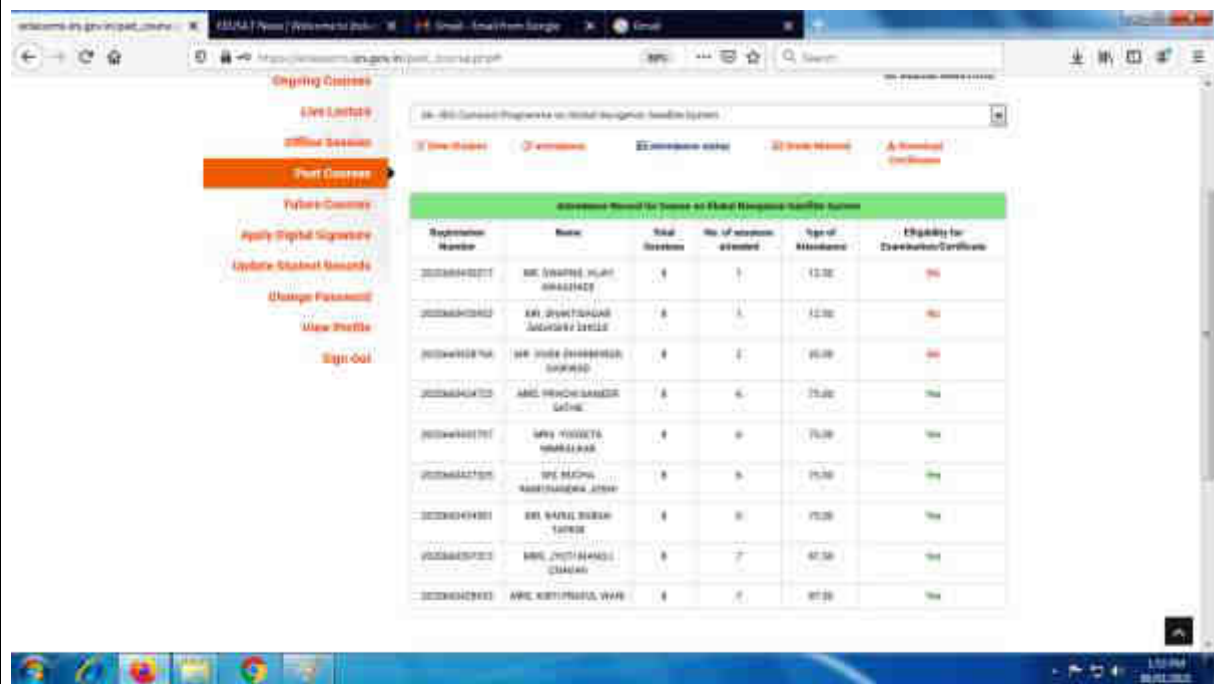
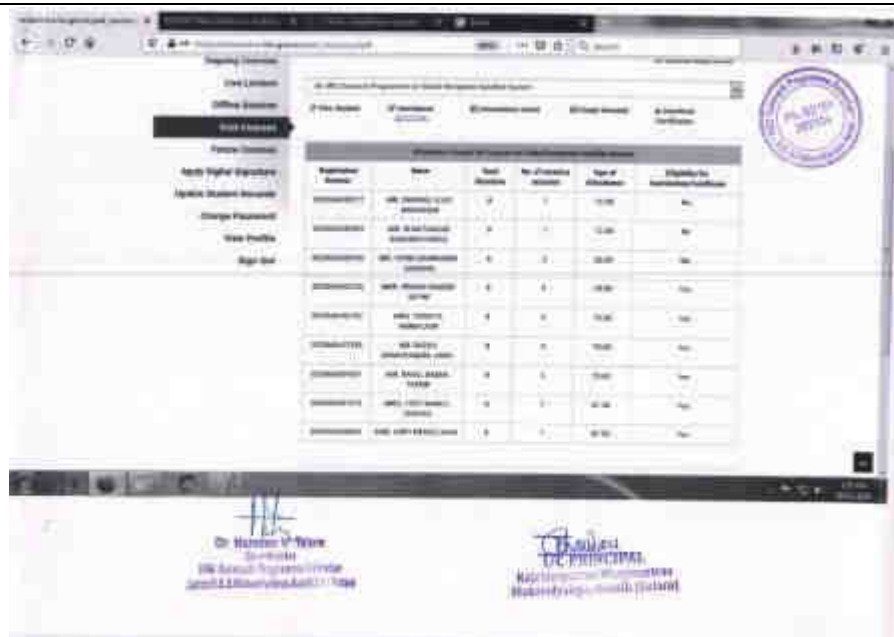
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| Session Name   | Presenter                           | Session Date | Project   |
|--|-------------------------------------|--------------|-----------|
| Introduction to GIS and Remote Sensing                                   |                                     | 2024-09-14   | Completed |
| GIS concepts, processing workflow, stress and demand                     | Dr. Anand Prasad                    | 2024-09-15   | Completed |
| GIS spatial characteristics, data formats, coordinate system, projection | Dr. Anand Prasad & Dr. Anand Prasad | 2024-09-16   | Completed |

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1:30 PM  
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Indian Space Research Organisation


IMPORTANT LINKS

Dr. Anand V. Talwar  
Director  
IP-MSD Course of Programme of Digital Studies for M.Com

Dr. Anand Prasad  
Assistant Professor  
Department of Space, Government of India



**भारतीय सुदूर सर्वेक्षण संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING**  
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This is to certify that **Raje Shripatras Bhegawantres Mahavidyalaya, Aundh, Satara, Maharashtra**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on "Global Navigation Satellite System". This online programme was conducted during September 14, 2020 to September 25, 2020.

दिनांक: 01-12-2020  
 सहायक निदेशक, अंतरिक्ष विभाग  
 Head, Space Section, IT & Distance Learning Department, ISRO

सह सचिव  
 सहायक निदेशक अंतरिक्ष अनुसंधान संगठन  
 Deputy Head, Computer Technology & Training Department, ISRO



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