



Shri Shivaji Education Society Amravati's
SHRI SHIVAJI SCIENCE AND ARTS COLLEGE

Chikhli, Dist. Buldana- 443201.

NAAC Reaccredited with 'B++' Grade (CGPA 2.82)

ISO: 9001-2015

Dr. Omraj S. Deshmukh
Principal

Hon'ble Shri Harshvardhan P. Deshmukh
President

1.2.2 No. of Add on/Certificate programs offered during the year: How many Add on are added during the year.

- 1) Name and duration of the program.
- 2) List of students enrolled and Attendance.
- 3) Curriculum and Time Table
- 4) Assessment
- 5) Summery Report & Course Outcome

Sr. No.	Name of Department	Name of Add on Course
SCIENCE		
01	Botany	Plant Propagation and Nursery Management
02	Chemistry	Online Certificate Course in Soil and Water Analysis
03	Computer Science	Certificate Course in MS-Office Suite & Introduction to Internet Academic Year 2020-21
04	Microbiology	Online Value Added Course on Bacteriological Analysis of Water
05	Zoology	Beekeeping
ARTS		
01	Economics	Certificate Course on Agricultural based Entrepreneurship Development
02	English	20 Days Workshop on Communication Skills in English



Dr. Omraj S. Deshmukh
Dr. Omraj S. Deshmukh
Principal
Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana

Botany



Shri Shivaji Education Society, Amravati
SHRI SHIVAJI SCIENCE & ART'S COLLEGE, CHIKHLI
DIST BULDANA
(Affiliated to Sant Gadge Baba Amravati University, Amravati)



DEPARTMENT OF BOTANY
UGC Sponsored
NATIONAL SKILL DEVELOPMENT SCHEME
Six Month Certificate Course
In
**PLANT PROPAGATION & NURSERY
MANAGEMENT**

Eligibility Criteria :
12th pass/ Graduate

Admission Open

Course Coordinator
Mr. D. L. Gavande

Nodal Officer
Dr. V. U. Pochhi

Principal
Dr. A. M. Garode

Criterion – I- Curricular Aspects [QnM – 1.2.2]

ASCI		Attendance Sheet- UGC		NSDC	
College Name:- Shri shivaji Science and Arts College, Chikhli				Location:- Near pandhripath Patil Square, Shivaji nagar, Chikhli, Buldana, Mah-443201	
Course Name:- Certificate Course in Plant Propagation Nursery Management/ Gardener Cum Nursery Raiser				Semester:- 1 Level:- 4	
Date of Assessment:- 30-10-2021				Assessor Name :- Dr. Mukund Sapkal	
Total Student:- 22		Present:-		Absent:-	
Sr No.	Name	Father Name	Signature		
1	Akash Dhamak	Damodhar			
2	Ankush Gaikwad	Rameshwar			
3	Ashutosh Zalte	Vasantrao			
4	Ashwini Kale	Baban			
5	Gayatri Parihar	Vitthal			
6	Hrushikesh Yelwande	Baliram			
7	Jeevan Sapkal	Ravindra			
8	Kalyani Bhutekar	Vijay			
9	Krishna Ambhore	Arvind			
10	Pallavi Gadekar	Namdeo			
11	Pallavi Kharat	Nivrutti			
12	Pallavi Mapari	Ramdas			
13	Pooja Marode	Sanjay			
14	Priti Suradkar	Katyarsing			
15	Priyanka More	Sajay			
16	Shivani Gadekar	Nivrutti			
17	Shubham Salok	Sanjay			
18	Shubham Kharat	Vitthoba			
19	Subham Karhade	Rajendra			
20	Vaishanvi Bundhe	Kailas			
21	Vaishanvi Ambhore	Sheshrao			
22	Vishnu Ugale	Bhanudas			
23					
24					
25					
Assessor Signature:				Principal/HOD Signature with College Stamp:	

PRINCIPAL
Shri Shivaji Sa. & Arts College
Chikhli, Dist. Buldana

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Certificate Course in Plant Propagation and Nursery Management

Timetable

Sr. No.	Day	Name of Teachers	Theory/Practical	Time
1.	Monday	Dr.O.S.Deshmukh	Theory	02.45 to 3.30 PM
2.	Tuesday	Dr.V.U.Pochhi	Theory	02.45 to 3.30 PM
3.	Wednesday	Mr.M.D.Kolte	Theory	02.45 to 3.30 PM
4.	Thursday	Mr.D.L.Gavande	Theory	02.45 to 3.30 PM
5.	Friday	Dr.A.S.Kale	Theory	02.45 to 3.30 PM
6.	Saturday	Mr.M.D.Kolte, Mr.D.L.Gavande & Dr.A.S.Kale	Practical	02.45 to 5.00 PM


Coordinator


Head, Department of Botany
HEAD,
Department of Botany
Shri Shivaji Science & Arts College
CHIKHLI, Dist. Raol.

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**SYLLABUS OF CERTIFICATE COURSE
PLANT PROPAGATION & NURSERY MANAGEMENT
(SPONSEDRED BY UGC, NEW DELHI)**

Unit I Methods of plant propagation

1. Introduction of plant Propagation
2. Methods of Plant propagation
3. Advantages and Disadvantages of plant Propagation
4. Polyembryony and apomixes.
5. Artificial seed

Unit II Vegetative Propagation

1. Methods of Vegetative Propagation.
 - a) Cutting
 - b) Air layering
 - c) Grafting
 - d) Budding
2. Graft incompatibility and Stock-scion relationship
3. Role of Plant tissue in nursery
 - a) Micro-propagation
 - b) Callus Culture

Unit III Basics of nursery management

1. Nursery & its importance
2. Selection of Nursery sites
3. Types of nurseries
4. Nursery bed
5. Soil treatment
6. Nursery tools & equipment's

Unit IV Growing medium & Methods of seed sowing

1. Growing medium (Characters, Types and Functions)
2. Plant growth regulators.
3. Methods of seed sowing
4. Seed dormancy and Seed Viability
5. Seed treatment

Unit V Care & Management of Nursery

1. Application of Manuaring.
2. Application of Fertilizers.
3. Common Diseases in nursery plants
4. Insect Pest in nursery plants
5. Nursery accreditation & Certification

Unit VI Entrepreneurship Development

1. Entrepreneurship – Concept, characteristics, approaches, need for entrepreneurship
2. Traits of an entrepreneur – Risk taking, leadership, decision making, planning, organizing,

coordinating and marketing; Types of entrepreneurs

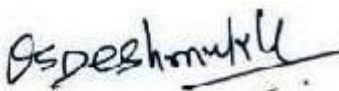
3. Agri-Enterprises- Stages of establishing enterprise, Project Identification, Step to be considered in setting up an enterprise, Feasibility Report, Product selection
4. Project management and appraisal – market, technical, social, financial analysis
5. Market Management – concept planning for marketing target marketing and competitive strategy

Practical's

1. Study the effect of growth regulators on seed germination.
2. Preparation of raised nursery bed
3. Study of soil pH.
4. Demonstration of soil solarisation technique
5. Demonstration and Application of Nursery Tools & Equipment's
6. Preparation of potting Medium.
7. Preparation of Compost Fertilizers
8. To study seed viability.
9. Study of methods of breaking seed dormancy.
10. Preparation of manure.
11. Demonstration of seed sowing by plug tray method.
12. Demonstration of potting ornamental pots
13. Study of Diseases in nursery
14. Study of Insect-Pest in nursery
15. Preparation of Artificial seeds.
16. Study of Micro-propagation by axillary bud culture.
17. Perform Callus formation.
18. Study of model nursery and its irrigation system.
19. Demonstration and Perform Vegetative Propagation through air layering in plants.
20. Demonstration and Perform Vegetative Propagation through cutting in plant.
21. Demonstration and Perform Vegetative Propagation through grafting in Plant.
22. Demonstration and Perform Vegetative Propagation through Budding in plant.
23. Tour Report

Case Study and Project Report




Dr. Omraj S. Deshmukh
Principal
Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana

Chemistry

SHRI. SHIVAJI SCIENCE AND ARTS COLLEGE

Chikhli, Dist-Buldana, (Maharashtra)

Department of Chemistry

Soil and Water Analysis Online Certificate Course Schedule-2021

Date	Time	Resource Person/Expert	Topic	Theory(Hrs)	Practical(Hrs)
	11:00-12:00	Prof.S.L.Kumbhare	Brief Introduction about course	1	
16/9/2021	12:00-1:00 pm	Prof.S.S.Kale	Module-III	1	
THURSDAY	1:00-2:00 pm	Prof.T.S.Shirame	Module-IV	1	
	2:00 -3:00 pm		LUNCH BREAK		
	3:00 - 5:00 pm	Dr.S.R.Patil	Determination of Total hardness of water sample		2
17/9/2021	11:30-12:30 pm	Prof.S.S.Kale	Module-III	1	
FRIDAY	12:30-2:30 pm	Prof.T.S.Shirame	Detmination of Salinity of soil sample		2
	2:30 -3:00 pm		LUNCH BREAK		
	3:00 - 5:00 pm	Dr.S.R.Patil	Determination of Micronutrients content of soil sample		2
18/9/2021	11:30-12:30 pm	Prof.T.S.Shirame	Module-IV	1	
SATURDAY	12:30-2:30 pm	Prof.S.L.Kumbhare	Determination of electrical conductivity of soil sample		2
	2:30 -3:00 pm		LUNCH BREAK		
	3:00 - 5:00 pm	Prof.S.S.Kale	Detmination of PH of water sample using PH meter		2
19/9/2021	12:00-1:00 pm	Dr.G.D.Thorat	Module-I	1	
SUNDAY	1:00-3:00 pm	Prof.S.V.Dautpure	Determination of COD and BOD of Water Sample		2
	3:00-3:30 pm		LUNCH BREAK		
	3:30 - 5:30 pm	Prof.S.S.Kale	Detmination of alkalinity of water sample		2
20/9/2021	12:00-1:00 pm	Prof.S.L.Kumbhare	Module-II	1	
MONDAY	1:00-2:00 pm	Dr.S.R.Patil	module-V	1	
	2:00-3:00 pm	Dr.G.D.Thorat	Module -I	1	
	2:30 - 3:00 pm		LUNCH BREAK		
	3:30 - 5:30 pm	Prof.S.S.Kale	Detmination of electrical conductivity of water sample		2
21/9/2021	11:30-12:30 pm	Dr.R.B.Gade	Module-V Soil Analysis	1	
TUESDAY	12:30-2:30 pm	Prof.T.S.Shirame	Determination of nutrient content(NPK) of soil sample		2
	2:30 -3:00 pm		LUNCH BREAK		
	3:00 - 5:00 pm	Prof.S.L.Kumbhare	Detmination of PH of Soil Sample by using PH Meter		2
	5:00 PM		Valedictory Function and Certificate Distribution		
			Total-30 Hrs.	10	20
Course Co-ordinator Prof.S.V.Dautpure HOD Prof.S.L.Kumbhare Principal Dr.O.S.Deshmukh					



Criterion – I- Curricular Aspects [QnM – 1.2.2]

Timestamp	Email	Full Name	Other Identifier	Other Identifier 2	Percent Score	Certificate ID
09/27/2021 13:47:58	punamsolanki260602@gmail.com	Punam Jagannath Solanki	Shri Shivaji sinore college chikhli	Student	100.0%	JDIPU8-CE000004
09/27/2021 13:48:05	varshabansode38@gmail.com	Varsha Dnyaneshwar Bansode	Shri Shivaji Science and Art's College, Chikhali	Student	100.0%	JDIPU8-CE000005
09/27/2021 13:46:54	gaunikene01@gmail.com	Gauri Suresh Kene	Shree Shivaji science and art college Chikhli	Student	100.0%	JDIPU8-CE000003
09/27/2021 13:49:29	shubhamingle939@gmail.com	Shubham Wamanrao Ingle	Shri Shivaji Science & Art's College, Chikhali	Student	100.0%	JDIPU8-CE000006
09/27/2021 13:49:43	rutujadeshmukh744@gmail.com	Rutuja Bajirao Deshmukh	Shri Shivaji Science and Arts College, Chikhli	Student	100.0%	JDIPU8-CE000007
09/27/2021 13:54:48	prabhurwakade7038@gmail.com	Prabhudas Rameshwar Wakade	Shri Shivaji arts and sciences College chikhali	Student	100.0%	JDIPU8-CE000008
09/27/2021 13:55:44	khanadeeba311@gmail.com	Adeeba Firdous Afroz Khan	Shri Shivaji Science and Arts College Chikhli Buldhana	Student	100.0%	JDIPU8-CE000009
09/27/2021 13:57:43	vaishnavicheke434@gmail.com	Vaishnavi Gajnanan cheke	Shri Shivaji science and arts college chikhali	Student	100.0%	JDIPU8-CE000010
09/27/2021 14:09:56	msjanhavisjoshi@gmail.com	Janhavi Sakharan Joshi	Shri Shivaji Science and Arts College Chikhli, Dist.: Buldhana.	Student	100.0%	JDIPU8-CE000011
09/27/2021 14:11:59	rutujatirpude2019@gmail.com	Rutuja Rajeshwar Tirpude	Science College pauni	Student	100.0%	JDIPU8-CE000013
09/27/2021 14:11:45	rahulparaskar2001@gmail.com	Rahul Dipak Paraskar	Shri Shivaji Science and Arts collage chikhali	Student	100.0%	JDIPU8-CE000012
09/27/2021 14:19:40	bandekanchan@gmail.com	Ku. Kanchan Laxman Bande	Amravati , Shri shivaji science and art college chikhali. Dist. Buldhana	Student	100.0%	JDIPU8-CE000014

Timestamp	Email	Full Name	Other Identifier	Other Identifier 2	Percent Score	Certificate ID
09/27/2021 14:23:04	tusharsuste2511@gmail.com	Tushar Dadarao Suste	Shri Shivaji Science and Arts College, Chikhali.	Student	100.0%	JDIPU8-CE000015
09/27/2021 14:40:23	khaderavi2201@gmail.com	RAVI EKNATH KHADSE	Late Pundalikrao Gawali Arts and Science College, Shirpur (jain)	Other	100.0%	JDIPU8-CE000016
09/27/2021 15:13:56	sakshi98chavan@gmail.com	Sakshi Sunil Chavan	Shri shivaji science and arts college, chikhli	Student	100.0%	JDIPU8-CE000017
09/27/2021 15:36:15	svborul2020@gmail.com	Shreyash vilas borul	Amravati	Student	100.0%	JDIPU8-CE000018
09/27/2021 15:43:53	omssuradkar@gmail.com	OM SANJAY SURADKAR	Shri Shivaji Sci and Arts Clg, Chikhli	Student	100.0%	JDIPU8-CE000019
09/27/2021 15:51:04	vaishalisalok@gmail.com	Vaishali Santosh salok	Shree shivaji arts and science college chikhli	Student	100.0%	JDIPU8-CE000020
09/27/2021 15:51:37	radhikadasture@gmail.com	Radhika Milind Dasture	Shree Shivaji Science And Art's College Chikhli	Student	100.0%	JDIPU8-CE000021
09/27/2021 16:43:12	bhushanvkale2002@gmail.com	Bhushan Vinayak kale	Shri Shivaji science and arts college chikhli	Student	100.0%	JDIPU8-CE000022
09/27/2021 17:52:34	kishorigolait42@gmail.com	Kishori sangramsing golait	Shri shivaji science and arts college chikhali	Student	100.0%	JDIPU8-CE000023
09/27/2021 18:59:45	dandevishakha168@gmail.com	Vishakha Pramod Dande	Shri Shivaji Arts and science College chikhli	Student	100.0%	JDIPU8-CE000024
09/27/2021 19:20:02	poojatodekar2002@gmail.com	Ku . Pooja Mahadev Todekar	Shri Shivaji science and arts college chikhli	Student	100.0%	JDIPU8-CE000025
09/27/2021 19:22:04	poojatodekar2002@gmail.com	Ku. Pooja Mahadev Todekar	Shri Shivaji science and arts college chikhli	Student	100.0%	JDIPU8-CE000026

Criterion – I- Curricular Aspects [QnM – 1.2.2]

Timestamp	Email	Full Name	Other Identifier	Other Identifier 2	Percent Score	Certificate ID
09/28/2021 9:45:21	ruchashelke0924@gmail.com	Rucha dnyaneshwar shelke	Shri shivaji arts and science college chikhli	Student	100.0%	JDIPU8-CE000027

9/28/21, 1:13 PM

Feedback on online certificate course on Soil and Water Analysis

Feedback on online certificate course on Soil and Water Analysis

Thank you for participating in our event. We hope you had enjoyed all the session with full of knowledge.

We want to hear your feedback so we can keep improving our logistics and content. Please fill this quick survey and let us know your thoughts (your answers will be anonymous).

***Required**

1. Email *

2. Full Name (as required on certificate) *

3. Name of Institute/Organization/place *

4. Select the correct option *

Mark only one oval.

☐ Student

☐ Farmer

☐ Other

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1/2

Criterion – I- Curricular Aspects [QnM – 1.2.2]

9/28/21, 1:13 PM

Feedback on online certificate course on Soil and Water Analysis

5. How relevant and helpful do you think it was for you? *

Mark only one oval.

	1	2	3	4	5	
Not very	☐	☐	☐	☐	☐	Very much

6. How satisfied were you with the session content? *

Both presented and pre-read material

Mark only one oval.

	1	2	3	4	5	
Poor	☐	☐	☐	☐	☐	Excellent

7. Overall feedback for the course?

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Google Forms

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2/2



Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College
Chikhli, Dist. Buldana

NAAC Reaccredited with B++ Grade (CGPA-2.82)

We Educate, Inspire and Empower

Department of Chemistry

Cordially invite you to join

ONLINE 6 DAYS CERTIFICATE COURSE

On

Soil and Water Analysis

16 September – 21 September 2021

Time: 12.00 to 5.00 PM



CHIEF ORGANIZER



Dr. Omraj S. Deshmukh
Principal



Prof. S. L. Kumbhare
Head
Department of Chemistry



Mr. S. V. Dautpure
Course Co-ordinator

About Institution

The college is established in 1967 . Dr. Panjabrao Deshmukh & Dalitmitra Pandharinath Patil come together under the banner of Shri Shivaji Education Society, Amravati. It has upgraded itself with introduction of Arts and Commerce stream at UG & PG level. The research programs Ph.D. are added in Science, Arts & Commerce. Other than research facility YCMOU centre, NCC & NSS Units are also available. Also new subject Home Economics is added at degree level. UGC Sponsored career Oriented Program & NSQF courses are key courses running to develop skill in students.

Objective of the course

1. To develop basic understanding regarding soil testing in the students.
2. To introduce them with macro and micro nutrients for soil.
3. To enhance their skills about water analysis.

Learning Outcome

As a result of participating in the certificate course on “soil and water analysis” students as well as farmers will be able to learn and understands how to test soil and water sample an get the knowledge to determine various parameters including pH, alkalinity etc.

Theory Syllabus

Module I

Importance of soil testing and analysis, Sample Collection and processing, selection of field, Method of soil sample collection and processing, Precautions during soil collection and processing. Preservation labeling and Storage of soil sample.

Module II

Brief study of instruments: pH meter, Conductivity meter, UV- Spectrophotometer, Use of soil testing kit and mobile soil testing van (Calibration, instrumentation, applications only).

Module III

Importance of water testing and analysis, sources of water, Reason for depletion of underground water, rain water harvesting, hard and soft water, Hardness of water, carbonate and non carbonate hardness.

Module IV

Methods of expressing hardness, Estimation of total hardness of water by EDTA method involving total carbonate and non-carbonate hardness, Softening of water.

Module V

Ion exchange method and reverse osmosis method, Purification (Sedimentation, Filtration and Sterilization) , Disadvantages of using hard water in boiler.

Practical Syllabus

Part-I: Soil Analysis

1. Determination of pH of soil sample using pH meter.
2. Determination of electrical conductivity of soil sample,
3. Determination of nutrient content (NPK) of soil sample.
4. Determination of salinity of soil sample.
5. Determination of micronutrients of soil sample.

Part-I: Water Analysis

1. Determination of total hardness of water sample.
2. Determination of pH of water sample using pH meter.
3. Determination of alkalinity of water sample.
4. Determination of electrical conductivity of water sample.
5. Determination of COD & BOD of water sample.

Course Structure

Course Name:- Soil and Water Analysis

Number of Modules: 05

Number of Theory (Hours) : 10

Number of Practical (Hours) : 20

Examination Scheme

Internal Marks : 20

Theory Marks : 40

Practical Marks : 40

Total Marks : 100

Eligibility : XII science/any graduate and post graduate students as well as interested farmers can apply for a certificate course.

Course Fee : Not Applicable.

Important Instruction's

- Registration is mandatory for enroll for this course.
- Lectures will be conducted on zoom /google meet platform.
- For the successful completion course it is mandatory for each participant to submit assignments on Google Classroom.
- At the end of course exam will be conducted. Each participant should score a minimum of 40% in total to avail course completion certificate.
- Registration link: <https://forms.gle/EdthxfmEJz9xsTnz7>
- WhatsApp group link: <https://chat.whatsapp.com/G2hPf7unuO53ORVcxIm6xm>.

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Online 6 Days Certificate Course on Soil and Water Analysis Registration form-2021

Online 6 Days Certificate Course on Soil and Water Analysis Registration form-2021

Shri Shivaji Education Society, Amravati's

Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana

NAAC Reaccredited with B++ Grade (CGPA-2.82)

Department of Chemistry organizes Online 6 Days Certificate Course on Soil and Water Analysis

16 September-21 September 2021

* Required

1. Email *

2. Name of Student *

3. Name of College *

4. Affiliated University *

5. Class *

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1/2

Criterion – I- Curricular Aspects [QnM – 1.2.2]

9/28/21, 1:10 PM

Online 6 Days Certificate Course on Soil and Water Analysis Registration form-2021

6. Mobile Number (WhatsApp) *

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Google Forms

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2/2

SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHLI

Department of Chemistry

Report of Activity

Online Certificate Course (Value Added Course) on Soil and Water Analysis

Duration : 16/09/21 to 21/9/21

Time : 12.00 to 5.00 P.M.

Activity : Online Certificate Course (Value Added Course) on Soil and Water Analysis

Aim : To aware the importance of Water and Soil analysis and train the students for analysis of different parameter of Water and Soil sample.

Notice : Leaflet and Schedule of Certificate course is attached with this Report.

Organizer : Dr. O.S. Deshmukh

Name of Convener : Prof. S. L. Kumbhare

Name of organizing Secretary : Prof. S.V. Dautpure

Organizing Committee : Dr. S. R. Patil

Dr. G. D. Thorat

Mr. S.S. Kale

Ms. T.S. Shrirame

Number of Registered Students for Course - 80

Activity Taken: Department of Chemistry, Shri Shivaji Science & Arts College Chikhli, organized **Online Certificate Course (Value Added Course) on Soil and Water Analysis** during duration **16/9/21 to 21/9/21**. We have prepared syllabus of Theory and Practical. We also prepared schedule of 30 Hours for conducting Theory and Practical. As per Schedule of Certificate course, Certificate Course started on 16/9/21 on 11.00 A.M. with Brief introductory Speech of Prof. S.L. Kumbhare, Head of Department. Detailed related to conduction of Certificate course, Schedule, Time table, Examination pattern, Passing Criteria explained by Prof. S.V. Dautpure. Then on 12.00 P.M. classes of Certificate course started.

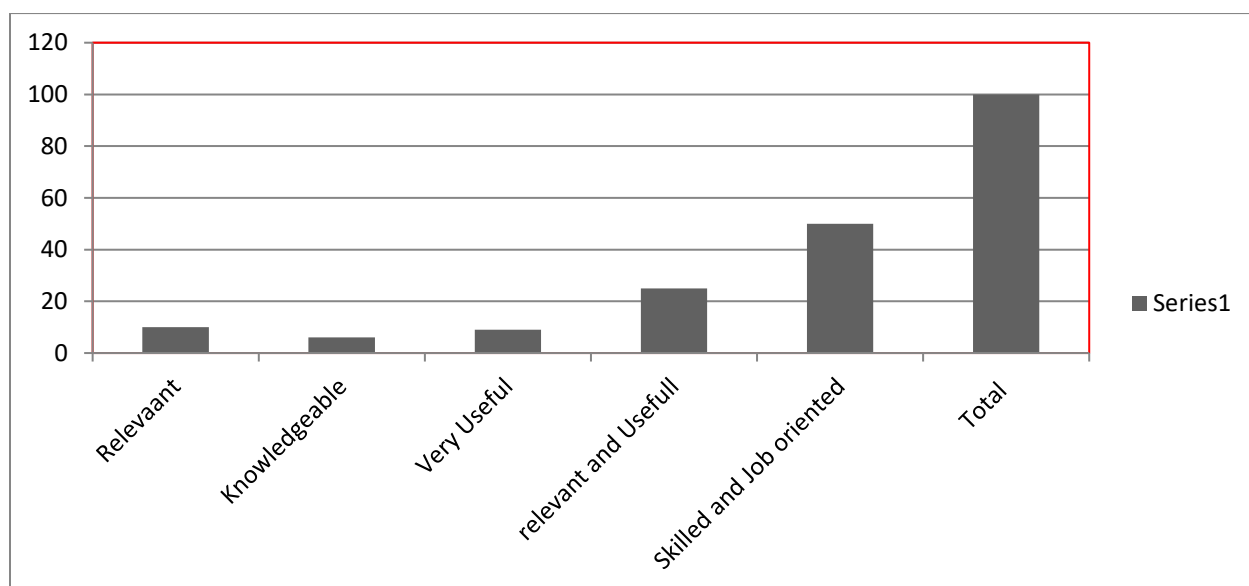
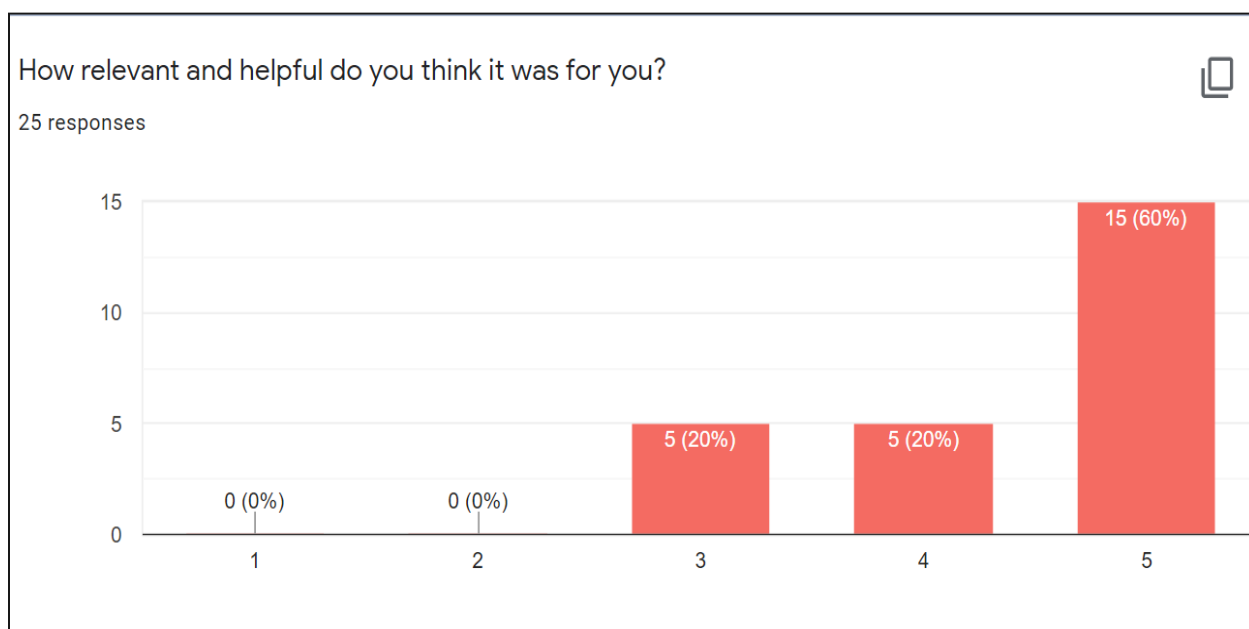
According to Schedule on each day 6 Hours workload is allotted to carry out Theory and Practical sessions. The course ended on 21/9/21 by completion of 30 Hours session. After Completion of Course, Examination of 100 Marks containing Theory, Practical and Assignment base conducted on 27/9/21 on online mode. On

the basis of evaluation, students who have passed examination and filled Feedback form allotted e- Certificate.

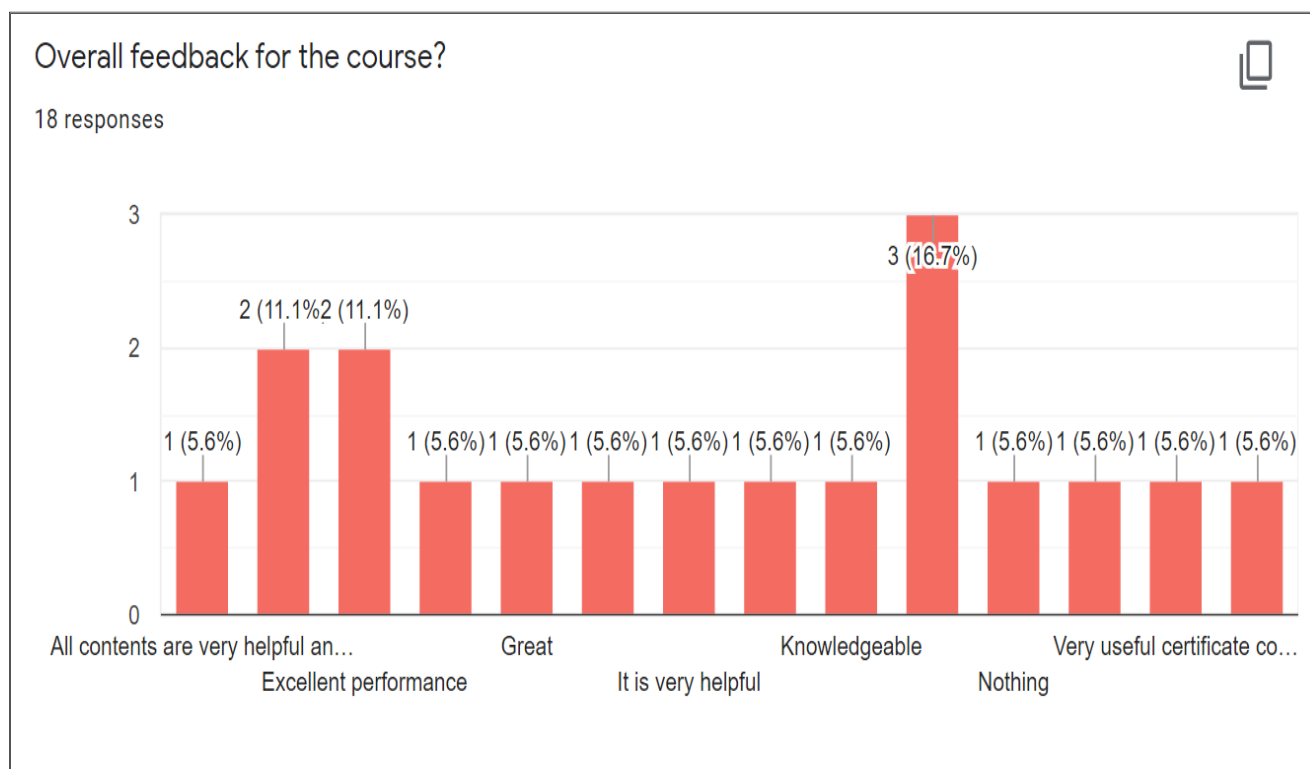
FEEDBACK ANALYSIS

After completion of value added course feedback from all participant was collected through Google form. After the analysis of feedback form following observations were noted prominently

❖ Relevance and usefulness of Course on Five point Scale:



❖ Overall feedback about the Course

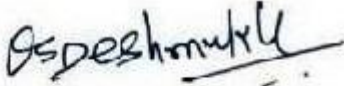


❖ Suggestions, comments and Action taken :

Sr.No	Suggestions/Comments	Action Taken
1	Oral Demonstration Conducted during practical Course	Due to covid-19 pandemic situation this course was conducted online otherwise we have planned to run hand on practical for sample testing.
2	Limited instruments for Soil and Water Testing	There is provision for using outside instrument with help of private NGOs and Government Agricultural departments.

3	Limited provision for testing of soil and water sample and training for outside candidates	Our institution will have a MoU with other agricultural and Government organization to solve this testing and training problem.
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Dr. Omraj S. Deshmukh
Principal
Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana

Computer Science



**Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College
Chikhli, Dist. Buldana
Accredited by NAAC B++ Grade (CGPA 2.82)**



Department of Computer Science

Action taken report on

**Certificate Course in MS-Office Suite & Introduction to Internet
Academic Year 2020-21**

Date: 06/09/2021 to 18/09/2021

Action Taken Report

Activity: The course for undergraduate and postgraduate students for science, arts and commerce faculty on Awareness and able the claim with proficiency and advanced tricks and ideas in MS-Office Suite.

Aim: - To aware Our students in MS-Office course helping the students in their job marketability, improve academic performance and enhanced confidence and productivity in the workplace.

Notice: - Leaflet is attached with this action taken report

Date: -06/09/2021 to 18/09/2021

Name of Organizer: - Dr. O.S. Deshmukh, Principal, Shri Shivaji Science College, Chikhli.

Convener: - Dr. A.B.Kadam, HOD of Computer Science

Organizing Secretary: -Dr.M.E.Jadhav

Coordinator: -Dr. S.S.Gaikwad

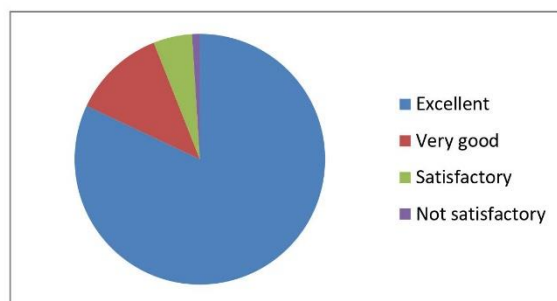
Number of student participants: 43

Action Taken: -Department of Computer Science of Shri Shivaji Science College Chikhli, organized on Certificate Course in MS-Office Suite and Introduction to Internet on 06th September 2021 to 18 September 2021. About 43 Undergraduate and Postgraduates students from our colleges are registered for this program. The first session of the program starts at 12:00 P.M. and President of the program was Dr. O.S. Deshmukh, Principal, Shri Shivaji Science College Chikhli, Dist-Buldana. In Inauguration, Introductory speech by Dr. A.B. Kadam explained the importance of the course awareness and proficiency and advanced tricks and ideas in MS-Office Suite. Our MS-Office course helping the students in their job marketability, improve academic performance and enhanced confidence and productivity in the workplace. President also shared their point of view with students and focused on the awareness and importance about the course. At the end of the inauguration program Dr. M.E.Jadhav had given the vote of thanks.

During the certificate course work which started from 06 September 2021 to 18 September 2021 students learned MS-Word, MS-Excel, MS-PowerPoint from MS-Office Suite and gained the knowledge about Introduction to Internet. Overall, all in one package program was done by all students/participants in which they have submitted assignments and successfully completed the examination with good marks.

On 18 September 2021 at 12.00 P.M. Valedictory program was started by department of computer science where HOD Dr.A.B.Kadam had given whole summery of the certificate course and motivate students to complete the course by explaining its importance and future outcome. At last Vote of thanks given by Dr. S. S. Gaikwad.

Feedback: -Overall feedback about the Certificate Course in MS-Office Suite and Introduction to Internet on 06th September 2021 to 18th September 2021 of the participants as follows.



Shri Shivaji Education Society Amravati's
Shri Shivaji Science & Arts College, Chikhli, Dist Buldana.
Department of Computer Science
Syllabus for Certificate Course in MS-Office Suite & Introduction to Internet
Academic Year 2020-21

Date: 01-09-2021

Sr.No.	Subject	Content
1	Introductions to Computers	Characteristics, Generation & classification of computers, block diagram of computer, Memory and their types: Primary and secondary, Flash & Serial access memory, Peripheral devices: Keyboard, Mouse, scanner, Printers: Impact, Non-Impact, DMP, inkjet, Laser.
2	MS WORD	Creating, editing, saving and printing text documents Font and paragraph formatting, Simple character formatting, inserting tables, smart art, page breaks, using lists and styles Working with images, Using Spelling and Grammar check, Understanding document properties, Mail Merge.
3	MS EXCEL	Spreadsheet basics, Creating, editing, saving and printing spreadsheets, working with functions & formulas, modifying worksheets with colour & autoformats, graphically representing data: Charts & Graphs, speeding data entry: Using Data Forms Analysing data: Data Menu, Subtotal, Filtering Data, formatting worksheets, Securing & Protecting spreadsheets.
4	MS POWERPOINT	Opening, viewing, creating, and printing slides, applying auto layouts, adding custom animation Using slide transitions, graphically representing data: Charts & Graphs Creating Professional Slide for Presentation.
5	Introduction to Internet	Web browser: Internet Explorer, Netscape navigator, search engines, E-mail address.

HOD
(Dr.A.B.Kadam)

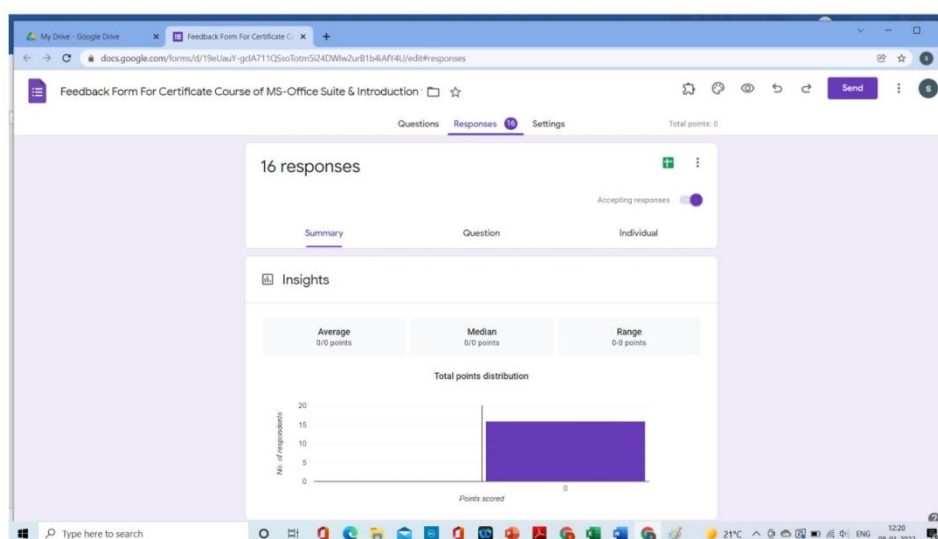
Feedback Analysis of Certificate Course of MS-Office Suite & Introduction to Internet 2021-22

After completion of Certificate Course of MS-Office Suite & Introduction to Internet 2021-22 feedback from all participant was collected through Google form. After the analysis of feedback form following observations were noted prominently. Response for the Feedback Form from the participants side is **16**



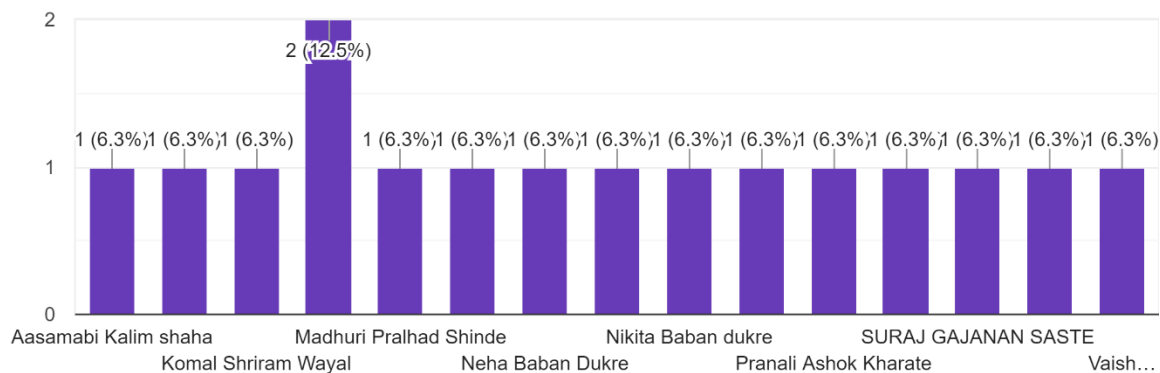
Feedback Form For Certificate Course of MS-Office Suite & Introduction to Internet

Shri Shivaji Education Society Amravati's
Shri Shivaji Science & Arts College, Chikhli, Dist Buldana.
Department of Computer Science
Certificate Course in MS-Office Suite & Introduction to Internet
Academic Year 2020-21



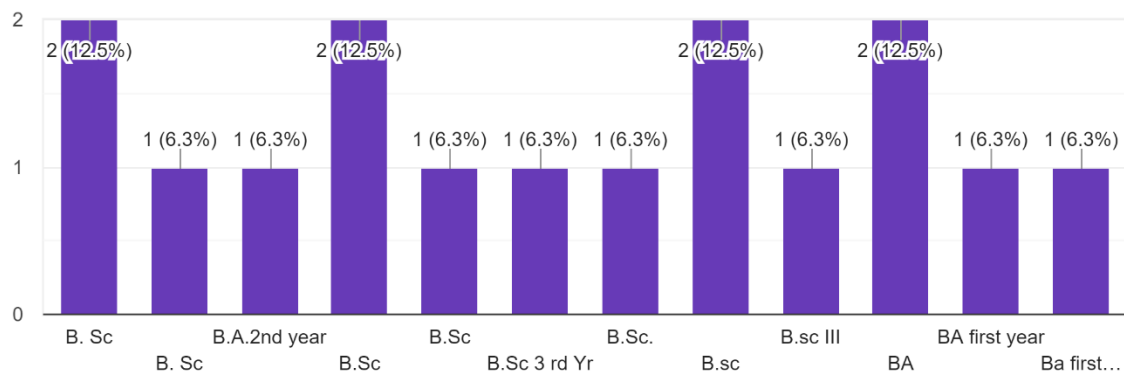
Full Name (This name will be print on your Certificate)

16 responses



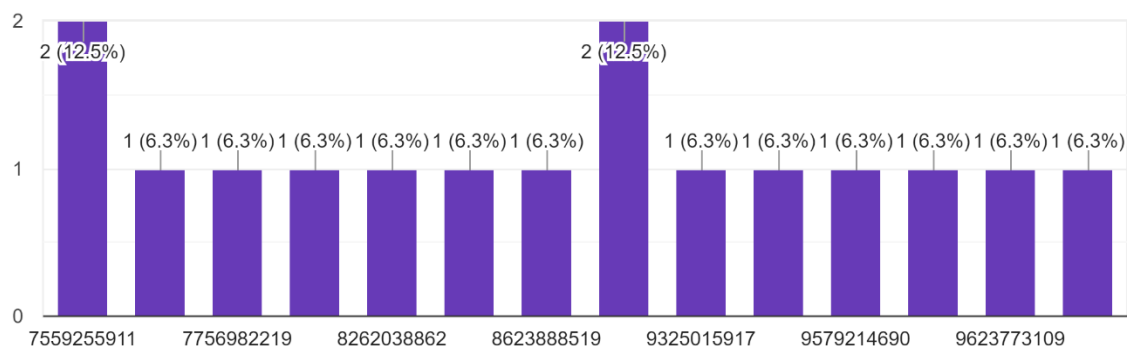
Studying in (B.A. /B.Com / B.Sc/M.A./M.Com./M.Sc.)

16 responses



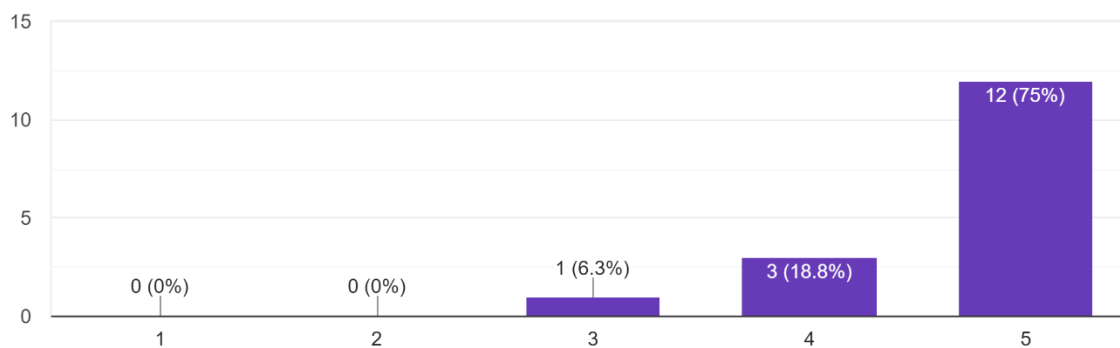
Mobile No.

16 responses



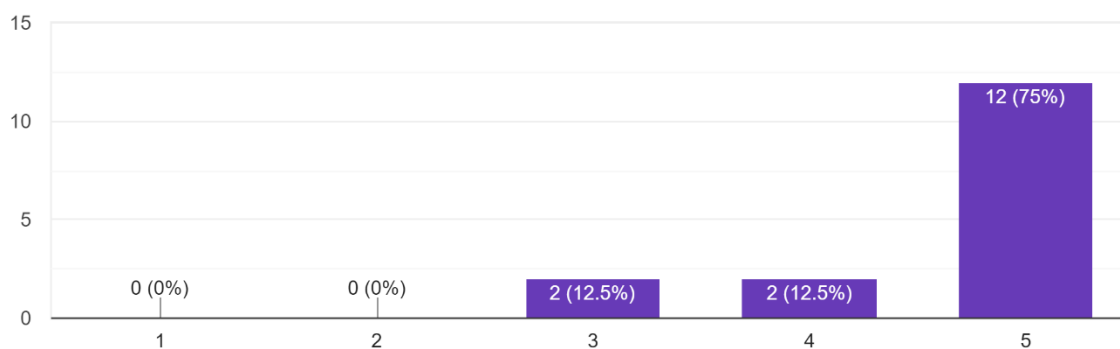
1. How satisfied were you with the event?

16 responses



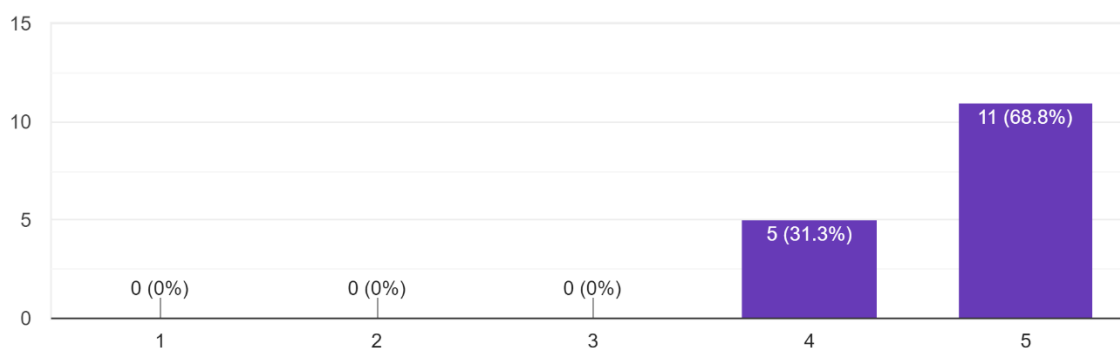
2. How relevant and helpful did you?

16 responses



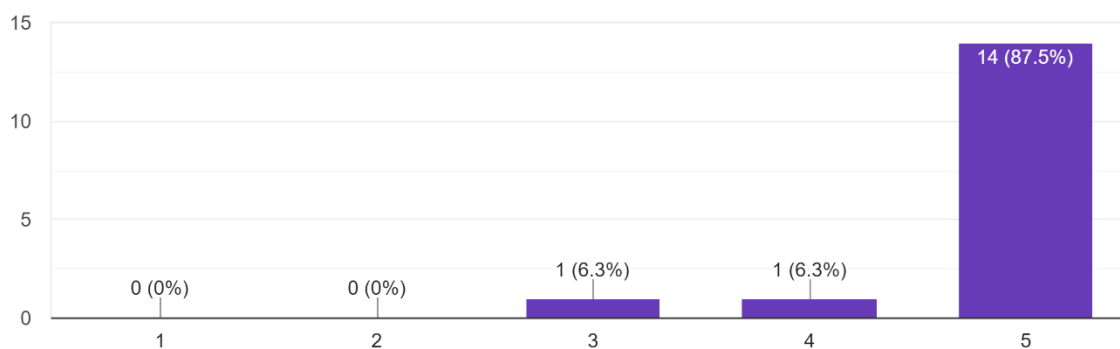
3. How satisfied were you with the event content?

16 responses



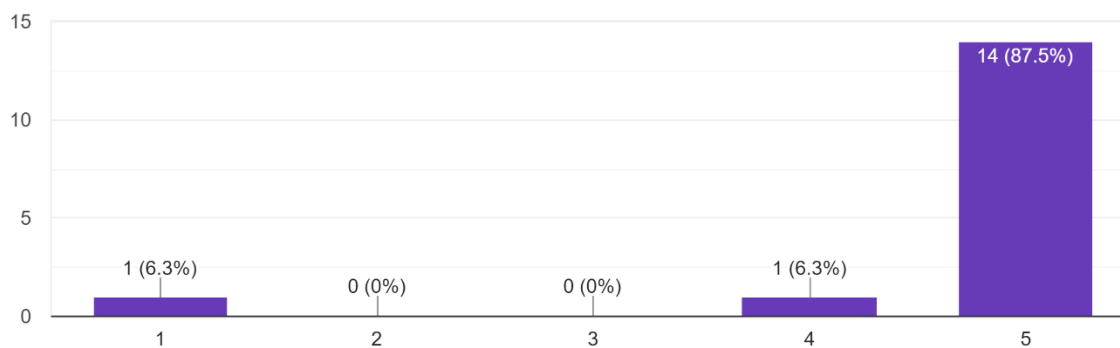
4. Overall Experience?

16 responses



5. Any Suggestions?

16 responses



Action taken on Feedback Analysis

Suggestions, comments and Action taken:

- 1) We are improving our other certificate course content of as per participant's feedback.
- 2) As per participants feedbacks, we have to plan organize such type events in future.
- 3) As per participants request, we have share PPT with the participants.
- 4) As per participants suggestion we will organize such certificate course on offline mode with practical approach.

Convener

Dr. A.B.Kadam,

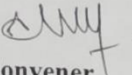
Principal

Dr. Omraj S. Deshmukh

Action taken on Feedback Analysis

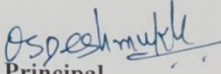
Suggestions, comments and Action taken:

- 1) We are improving our other certificate course content of as per participant's feedback.
- 2) As per participants feedbacks, we have to plan organize such type events in future.
- 3) As per participants request, we have share PPT with the participants.
- 4) As per participants suggestion we will organize such certificate course on offline mode with practical approach.


Convener

Dr. A.B.Kadam,

Head
Dept. Of Computer Science
Shri Shivaji Scj. & Arts College
Chikhli, Dist :- BULDANA. (M.S.)


Principal

Dr. Omraj S. Deshmukh
PRINCIPAL
Shri Shivaji Science & Arts
College, Chikhli, Dist.Buldana



Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College
Chikhli, Dist. Buldana
Accredited by NAAC B++ Grade (CGPA 2.82)



Department of Computer Science
Organized By

**Certificate Course of MS-Office Suite
& Introduction to Internet
2021-22**

06 September 2021 to 18 September 2021

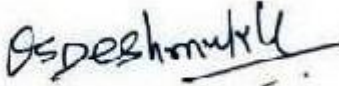
Registration Link :- <https://forms.gle/koEYbkSXENey4j1e7>

For more details Contact following
Dr. O. S. Deshmukh – 9422125738
Dr. A. B. Kadam – 8796336088
Dr. M. E. Jadhav – 9921274072
Dr. S.S. Gaikwad – 9422206128

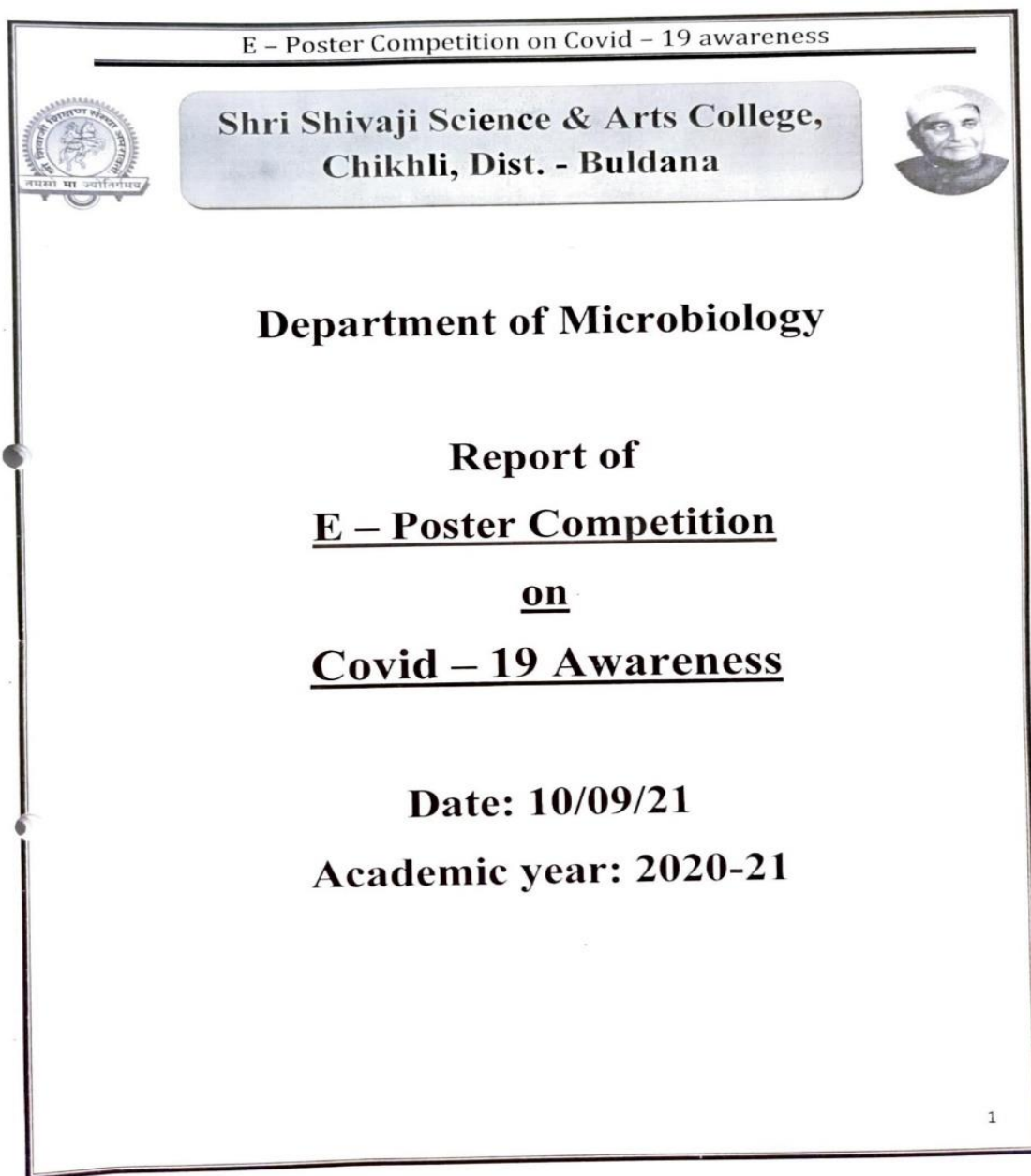
Who Can Attend?
Graduate Arts, Commerce and Science Students.
Registration Fee: NIL
Registration Start from:
03/09/2021
Last Day For Registration:
05/09/2021

Phone No.07264-242088
Course E-mail:- sssac.cs.cert.21@gmail.com
College Website:-<https://www.shivajichk.com>




Dr. Omraj S. Deshmukh
Principal
Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana

Microbiology



E – Poster Competition on Covid – 19 awareness



Shri Shivaji Education Society Amravati's
**Shri Shivaji Science and Arts
College, Chikhli.**



**Department of Microbiology
Organized**

E-Poster Competition
on COVID-19 Awareness

Department of Microbiology, Shri Shivaji Science & Arts
College, Chikhli Organises the E-Poster Competition On
COVID-19 Awareness, on the Occasion of Teachers Day.
So interested Students can Participate this Competition.



Rules for Competition

1. Poster should be related to COVID-19 Awareness.
2. Posters must be handmade.
3. A slogan related to the picture must be written in the poster.
4. Poster send on Google form only upto 10 September 2021 & also send selfie with poster.
5. Poster size should be A4.
6. Make sure to write your name, class, mobile number and College Name at the top of the poster.
7. Competition for all B.Sc. Students.
8. All the students who have participated in competition will receive participation certificate.
9. Best 3 Poster will be selected for prize.

For sending posters and registration please click on the following link.
<https://forms.gle/9WZK8ZK8ZK8ZK8ZK>

First
Prize-750

Second
Prize-600

Third
Prize-300

Organizing Secretary
Prof. S. M. Mendhe
Head,
Department of Microbiology
Mob.No. 9226365185

Co-Convenor
Dr. V.U. Poehni
IQAC Coordinator and
Head, Department of Botany

Convenor
Dr. O. S. Deshpande
Principal

Technical Support
Prof. D.L. Gavande

E – Poster Competition on Covid – 19 awareness

Activity: E – Poster Competition on Covid – 19 Awareness

Aim: To awareness about Covid – 19 pandemic among the students.

Notice: Leaflet of Poster Competition is attached with this Report.

Convener: Dr. O.S. Deshmukh

Co - Convener: Prof. S. N. Mendhe

Organizing Secretary: Prof. S. N. Mendhe

Organizing Committee: Prof. D. L. Gavande

Number of Registered Students: 24

Activity Taken: Department of Microbiology, Shri Shivaji Science & Arts College Chikhli and Internal Quality Assurance Cell (IQAC), organized E – Poster Competition on Covid – 19 Awareness on 10/09/21.

About 24 undergraduate and postgraduate students from the different colleges are registered for this competition. Dr. O. S. Deshmukh, Principal, Shri Shivaji Science and Arts College Chikhli, Dist.-Buldana was an Inaugurator of the program.

Posters were submitted by the participants on the Google form as Image or PDF file. We had a team of three referees for the poster competition. Dr. V. U. Pochhi, Head, Dept. of Botany, Mr. D. L. Gavande, Asst. Professor, Dept. of Botany & Mr. M. D. Kolte, Asst. Professor, Dept. of Botany work as Jury member for poster competition.

The winner of the poster competition as follows,

First Prize: - Ku. Janvhi S. Joshi, B. Sc. II, Shri Shivaji Science and Arts College, Chikhli.

Second Prize: - Ku. Shejal B. Ingle, B. Sc. I, Shri Shivaji Science College, Amravati.

E – Poster Competition on Covid – 19 awareness

Third Prize: - Ku. Sakshi S. Chavan, B. Sc. II, Shri Shivaji Science and Arts College, Chikhli.

The online certificates of the poster competition sent to all the participants.

Registration Link:

<https://docs.google.com/presentation/d/1cZKQbxXuCyggB5rupJif9e5VjfSzF-SW1msSR5mI0vM/edit?usp=drivesdk>

Certificate Link:

https://docs.google.com/presentation/d/1VKljgAJLUQO78il08LKDKi_rdQqZmaqVoVzReSLAryI/edit?usp=drivesdk


Organizer

Prof. S. N. Mendhe



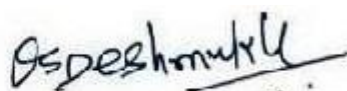

Principal

Dr. Omraj S. Deshmukh

Principal
Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana

4




Dr. Omraj S. Deshmukh
Principal
Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana

Value Added Course



**Shri Shivaji Science & Arts College,
Chikhli, Dist. - Buldana**



Department of Microbiology

Report

Online Value Added Course

on

Bacteriological Analysis of Water

Duration: 16/09/21 to 21/9/21

Time: 12.00 to 4.00 P.M.

Academic year: 2020-21

1

Value Added Course

Brochure of the Course

 **Shri Shivaji Education Society Amravati's**
Shri Shivaji Science and Arts College,
Chikhli.
NAAC Resaccreditation B++ With 2.82 CGPA

 **Department of Microbiology**

Cordially invite you to join
Online One Week Value Added Course
ON
Bacteriological Analysis of Water
16 September to 21 September 2021
Time : 12 00 to 4.00 pm

Chief Organizer


Dr. Omraj S. Deshmukh
Principal


Prof. S. N. Mendhe
Head,
Department of Microbiology


Prof. D. L. Gavande
Assistant Professor
Department of Botany

2

Value Added Course

About Institution

The college is established in 1967. Dr. Panjabrao Deshmukh & Dalitmitra Pandharinath Patil come together under the banner of Shri Shivaji Education Society, Amravati. It has upgraded itself with introduction of Arts and Commerce stream at UG & PG level. The research programs Ph.D. are added in Science, Arts & Commerce. Other than research facility YCMOU center, NCC & NSS Units are also available. Also new subject Home Economics is added at degree level. UGC Sponsored career Oriented Program & NSQF courses are key courses running to develop skill in students.

Objective of the course

1. To develop basic understanding regarding contamination of water in the students.
2. To develop ability for testing bacteriological quality of water.
3. To enhance their skills about bacteriological analysis of water.

Learning Outcome

As a result of participating in the value added course on “Bacteriological Assessment of Water” students will be able to learn and understands bacterial contamination of water. Students get knowledge to bacterial load of water and how to enumerate it and they may give suggestion to drinking water supplying agencies such as Nagar Parishad, Grampanchayat to apply measure for purification of water.

Theory Syllabus

Module 01:- • Collection and Handling of water sample from various sources (02 Lectures)

Module 02:- • Indicators of excretal pollution. (01 Lecture)

Module 03:- • Multiple tube Dilution technique (MPN). (03 Lectures)

- IMViC classification of coliforms. (01 Lectures)

Module 04:- • Membrane Filter technique for Coliforms and Faecal Streptococci. (01 Lecture)

Module 05:- • ICMR and WHO standards of drinking water. (01 Lecture)

- Significance of bacteriological analysis of water. (01 Lecture)

Value Added Course

Practical Syllabus

1. Bacteriological analysis of water by Standard Plate Count Method. (06 Lectures)
2. Bacteriological analysis of water by Multiple Tube Dilution Technique for Coliforms (MPN) Presumptive test, Confirmatory test and Completed test. (06 + 06 + 06 Lectures)
3. Classification of Coliforms from water on the basis of IMViC classification. (06 Lectures)
4. Bacteriological analysis of water by Multiple Tube Dilution Technique for Faecal Streptococci. (06 Lectures)
5. Enumeration of Coliforms organisms by Membrane Filter Technique. (06 Lectures)

Course Structure Course Name: - Bacteriological Analysis of Water.

Number of Modules: 05

Number of Theory (Hours): 10

Number of Practical (Hours): 30

Examination Scheme

Internal Marks: 20

Theory Marks: 40

Practical Marks: 40

Total Marks: 100

Eligibility: XII science/any graduate and post graduate Students can apply for the course.

Course Fee: Not Applicable

Important Instructions:

- Registration is mandatory for enrol for this course.
- Lectures will be conducted on Zoom /Google meet platform.
- For the successful completion course it is mandatory for each participant to submit assignments on Google Classroom.
- At the end of course exam will be conducted.

Value Added Course

- Each participant should score a minimum of 40% in total to avail course completion certificate.

Registration link: <https://forms.gle/DHMeBgSxTbwuziwY9>

WhatsApp group link:

<https://chat.whatsapp.com/LRdDWbhLVX95HaVHLblpeZ>

Examination Link:

<https://forms.gle/TBnLn2JCgyKmw1mj8>

Feedback Link:

<https://forms.gle/LA14ad2qFZdYzD7D8>

Certificate Link:

https://docs.google.com/presentation/d/1VKIlgAJLUQO78il08LKDKi_rdQqZmaqVoVzReSLAryl/edit?usp=drivesdk

Value Added Course

Activity: Online Value Added Course on Online Value Added Course on Bacteriological Analysis of Water.

Aim: To aware the importance of bacteriological analysis of water and train the students for analysis.

Notice: Leaflet and schedule of certificate course is attached with this report.

Organizer: Dr. O.S. Deshmukh

Name of Convener: Prof. S. N. Mendhe

Name of organizing Secretary: Prof. S. N. Mendhe

Organizing Committee: Prof. D. L. Gavande

Number of Registered Students for Course - 69

Activity Taken: Department of Microbiology, Shri Shivaji Science & Arts College Chikhli, organized Online Value Added Course on Bacteriological Analysis of Water during duration 16/09/21 to 21/09/21. We have prepared syllabus of theory and practical. We also prepared schedule of 30 hours for conducting theory and practical. As per Schedule of Certificate course, certificate course started on 16/9/21 on 11.00 A.M. with brief introductory speech of Prof. S. N. Mendhe, Head of Department. Detailed related to conduction of certificate course, Schedule, Time table, Examination pattern, Passing Criteria explained by Prof. S. N. Mendhe. At 12.00 P.M. classes of Certificate course started. According to Schedule on each day 5 Hours workload is allotted to carry out Theory and Practical sessions. The course ended on 21/9/21 by completion of 30 Hours session. After Completion of Course, Examination of 40 Marks containing Theory, Practical and Assignment base conducted on 21/09/21 by online mode. On the basis of evaluation, students who have passed examination and filled feedback form allotted e-Certificate.

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Value Added Course

Participants:

Number of Registered Students for Course - 69

Questions Responses **69** Settings

Online One Week Value Added Course on Bacteriological Analysis of Water.

Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana
NAAC Reaccredited with B++ Grade (CGPA-2.82)
Department of Microbiology organizes Online One Week Value Added Course on Bacteriological Analysis of
Water
16 September - 21 September 2021

Email *

Valid email

This form is collecting emails. [Change settings](#)

Day 1: Thursday

16/09/2021

The online one week certificate course was inaugurated by the principal of the college, Dr. O.S. Deshmukh. In his inaugural address, he emphasized the importance of water quality of drinking water and its portability. The introduction of the resource person given by Prof. S. N. Mendhe, Head, Department of Microbiology. In this course there are two lectures per day and online practical demo for the students.

Lecture 1:

12:00 - 1:00

The first lecture is delivered by the HOD of Microbiology Department, Shri Shivaji Science and Arts College, Chikhli. He explained about the Collection of Water samples.

7

Value Added Course

Lecture 2:

1:00 - 02:00

The Second lecture is delivered by the HOD of Microbiology Department, Shri Shivaji Science and Arts College, Chikhli. He explained about the Handling, transportation and labeling of water samples.

Online Practical session:

2:30 - 4:30

Prof. S. N. Mendhe shared a link of YouTube for the student about the practical work.

At last vote of thanks was given by the Mr. D. L. Gawande and end of the first day of the course.

Day 2: Friday

17/09/2021

Lecture 1:

12:00 - 1:00

The first lecture is delivered by the Mr. S. N. Mendhe, Department of Microbiology, Shri Shivaji Science and Arts College, Chikhli. He explained about the Sources of contamination of water.

Lecture2:

01:00 – 2:00

The second lecture was delivered by Mr. S. N. Mendhe, Department of Microbiology, Shri Shivaji Science and Arts College, Chikhli. He explained about Various Methods of Water Treatments.

Prof. S. N. Mendhe shared a link of YouTube for the student about the practical work.

At last vote of thanks was given by the Mr. D. L. Gawande and end of the Second day of the course.

Value Added Course

Day 3: Saturday

18/09/2021

Lecture 1:

12:00 – 01:00

The first lecture is delivered by the Mr. Ravindra N. Ganbas, Department of Microbiology, Shri Vyankatesh Science College, Deulgaon (Raja). He explained about Various Methods of Waste Water Treatment.

Lecture 2:

1.00 – 2.00

The second lecture was delivered by Dr. Amol S. Jadhao, Department of Microbiology, Shri Vyankatesh Science College, Deulgaon (Raja). He explained about Bacteriological analysis of water by MPN and H₂S Method.

Prof. S. N. Mendhe shared a link of YouTube for the student about the practical work.

At last vote of thanks was given by the Mr. S. N. Mendhe and end of the Third day of the course.

Day 4: Sunday

19/09/2021

Lecture 1:

12.00 – 1.00

The first lecture is delivered by Dr. Amol S. Jadhao, Department of Microbiology, Shri Vyankatesh Science College, Deulgaon (Raja). He explained about Case study on Bacteriological analysis of water by MPN and H₂S Method, Advantage and disadvantages of both the methods.

Lecture 2:

1.00 – 2.00

The Second lecture is delivered by Mr. S. N. Mendhe, Department of Microbiology, Shri Shivaji Science and Arts College, Chikhli. He explains about Indicators of fecal pollution and IMViC classification of coliforms.

Value Added Course

Prof. S. N. Mendhe shared a link of YouTube for the student about the practical work.

At last vote of thanks was given by the Mr. S. N. Mendhe and end of the Fourth day of the course.

Day 5: Monday

20/09/2021

Lecture 1:

12.00 – 1.00

The first lecture is delivered by Mr. Amol P. Nagrale, Department of Microbiology, Shri D. M. Burungle Science College, Shegaon. He explained about MPN method for Enumeration of Coliforms from Drinking water.

Lecture 2:

1.00 – 2.00

The Second lecture is delivered by Dr. Pandurang B. Pawar, Department of Microbiology, Shri Vyankatesh Science College, Deulgaon (Raja). He explained about Bacteriological Analysis of Water by MFT method for fecal Streptococci.

Prof. S. N. Mendhe shared a link of YouTube for the student about the practical work.

At last vote of thanks was given by the Mr. S. N. Mendhe and end of the Fifth day of the course.

Day 6: Tuesday

21/09/2021

Lecture 1:

12.00 – 1.00

The first lecture is delivered by Mr. Mayur J. Thakare, Department of Microbiology, Shri D. M. Burungle Science College, Shegaon. He explained about H₂S method for Enumeration of Bacterial Contamination of water.

Value Added Course

Lecture 2:

1.00 – 2.00

The Second lecture is delivered by Dr. Pandurang B. Pawar, Department of Microbiology, Shri Vyankatesh Science College, Deulgaon (Raja). He explained about Bacteriological Analysis of Water by MFT method for Coliforms.

Prof. S. N. Mendhe shared a link of YouTube for the student about the practical work.

At last vote of thanks was given by the Mr. S. N. Mendhe and end of the sixth day of the course.

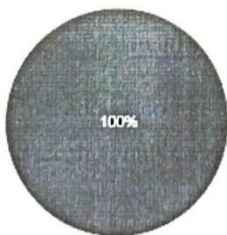
Feedback Analysis

After completion of value added course feedback from all participant was collected through Google form. After the analysis of feedback form following observations were noted prominently

❖ Relevance and usefulness of Course:

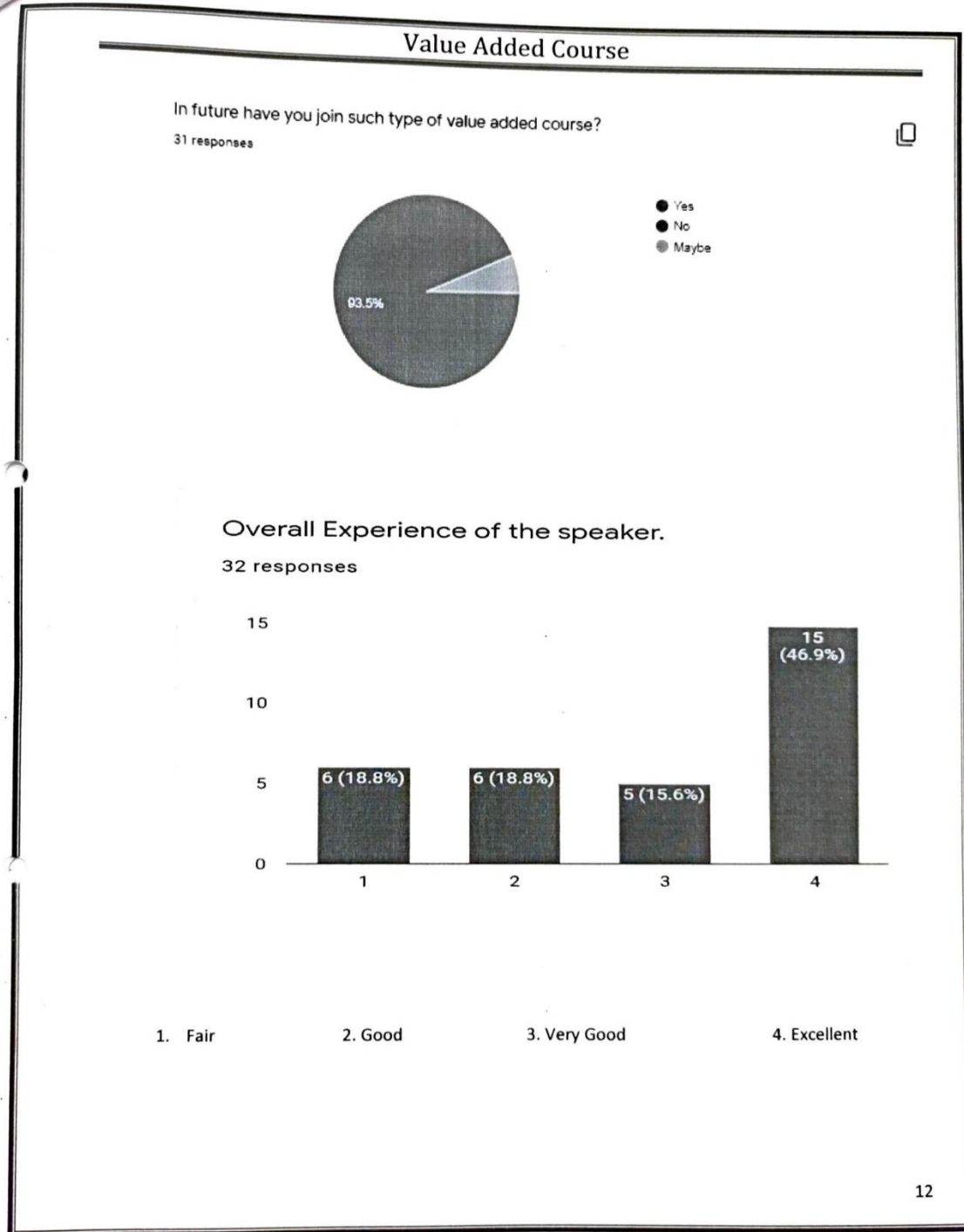
Is course topic relevant ?

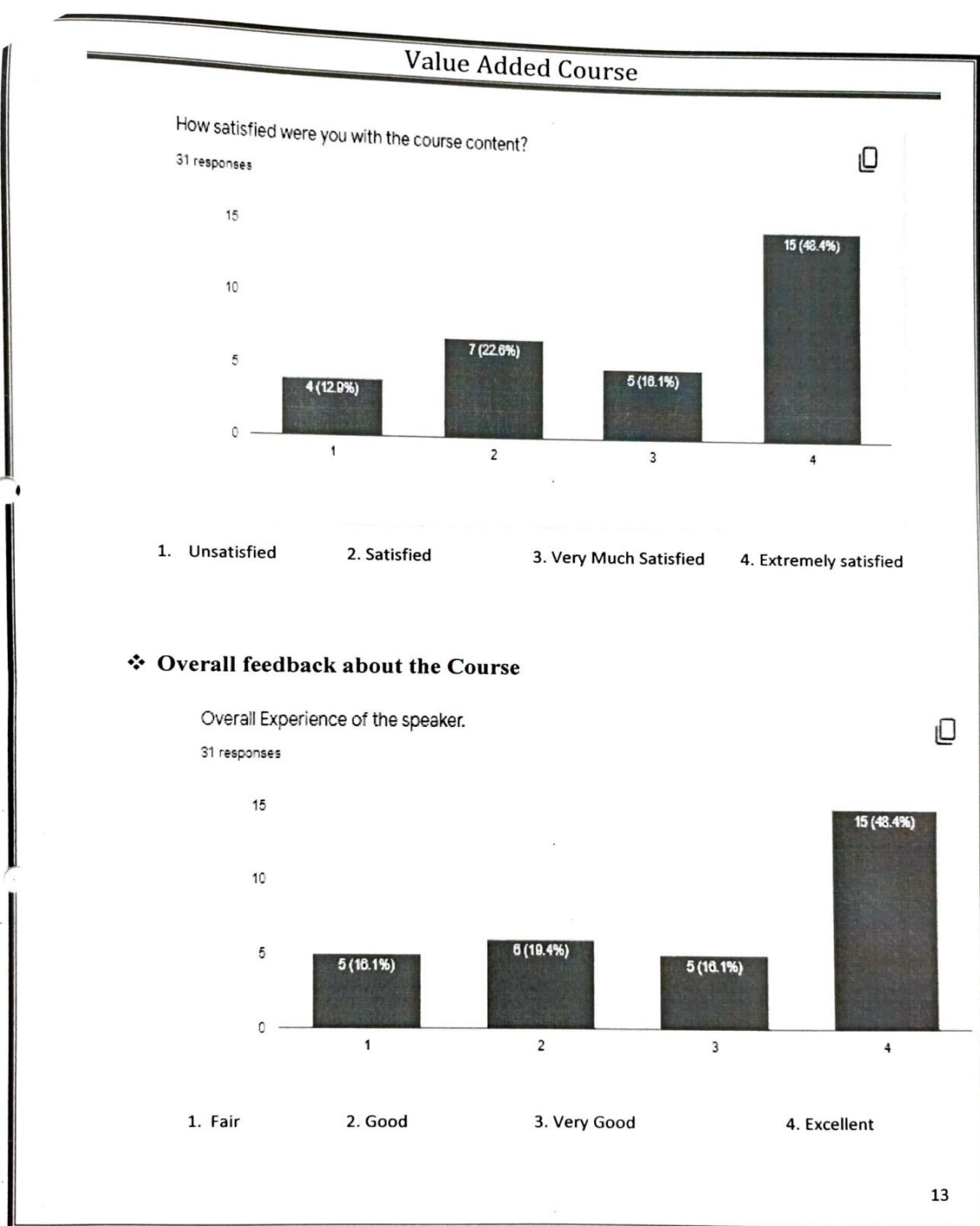
31 responses



● Yes
● No







Value Added Course

❖ Action taken on Feedback Analysis

Suggestions, comments and Action taken:

- 1) We are improving our course content of certificate course as per student's feedback.
- 2) As per student feedbacks we have to plan organize such type events in future.
- 3) As per student request we have provide the course study material to students.
- 4) As per student suggestion we will organized course such course offline mode with practical approach.

Here I am submitting the brief **Activity Report** and **Action Taken Report** of Value Added Course on Bacteriological Analysis of Water.

Link of Brochure-

<https://docs.google.com/presentation/d/1I2f63Q7Tyzl6BLgMkl6mF6kjzueSfX9tRWVfKvCpIDE/edit?usp=sharing>

Registration link: <https://forms.gle/DHMeBgSxTbwuziwY9>

WhatsApp group link:

<https://chat.whatsapp.com/LRdDWbhLVX95HaVHLblpeZ>

Examination Link:

<https://forms.gle/TBnLn2JCgyKmw1mj8>

Feedback Link:

<https://forms.gle/LA14ad2qFZdYzD7D8>

Value Added Course

Certificate Link:
https://docs.google.com/presentation/d/1VKIlgAJLUQO78il08LKDKi_rdQqZmaqVoVzReSLAryl/edit?usp=drivesdk

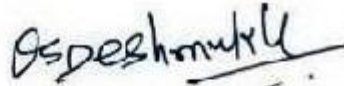

Course Coordinator
Prof. S. N. Mendhe




Principal
Dr. Omraj S. Deshmukh
Principal
Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana

15




Dr. Omraj S. Deshmukh
Principal
Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana

PHYSICS



Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College Chikhli,
Dist. Buldana

Accredited by NAAC B++ Grade (CGPA 2.82)



Department of Physics

warmly invite you to join

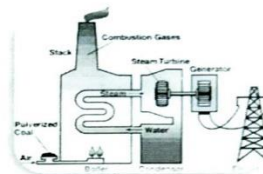
Online One Week Certificate Course

On

Renewable Energy

15th to 21st September 2021

Time: 12.00 to 5.00 PM



Organizer



Dr. Omraj S. Deshmukh

Principal

Shri Shivaji Science & Arts College Chikhli

Organizing Committee

Prof. N. B. Thakare
Head
Department of Physics

Dr. P. P. Padghan
Course Coordinator

Dr. V. B. Huse
Member

Dr. P. B. Nalle
Member

Dr. D. N. Bhoyar
Member

Practical Session

All Practicals sessions will be demonstrated through online platform

Course Structure

Course Name:- Renewable Energy
➤ Number of Modules: 05
➤ Number of Theory (Hours) : 10
➤ Number of Practical (Hours) : 20

Examination Scheme

➤ Internal Marks : 20
➤ Theory Marks : 40
➤ Practical Marks : 40
Total Marks : 100

Eligibility: XII Science/Any Graduate and Post Graduate students as well as interested entrepreneurs can apply for this certificate course.

Course Fee : Not Applicable

Important Instructions

- ❖ Registration is mandatory for enroll for this course.
- ❖ Lectures will be conducted on Zoom /Google meet platform.
- ❖ For the successful completion course it is mandatory for each participant to submit assignments on Google Classroom.
- ❖ At the end of course exam will be conducted.
- ❖ Each participant should score a minimum of 40% in total to avail course completion certificate.

Link for Registration: <https://forms.gle/k7Mnf5B5Z3kEEX1J7>

Link for WhatsApp Group:

<https://chat.whatsapp.com/GnII5aiIfAHS3hptXiiX7>

Syllabus

Module 1: Global and National Energy Scenario

Global and National Energy Scenario
Overview of conventional & renewable energy sources, Overview of world and India's energy scenario, Energy and development linkage, Energy Sources: classification of energy sources, Global warming, Greenhouse gas emission, impacts, mitigation, Causes of global, regional and local climate change, Energy for sustainable development

Module 2: Solar Energy

Solar energy system, Solar Radiation, Availability, Measurement and Estimation, Solar Thermal Conversion Devices and Storage, Solar-Electrical Power Generation, general Solar Photo Voltaic (SPV) system, Different configurations, SPV system components and their characteristics, Stand-Alone and Grid Connected SPV systems, other Miscellaneous Applications of Solar Energy

Module 3: Hydropower Energy

Introduction to Hydropower, Classification of Hydropower Plants, Small Hydropower Systems: Overview of micro, mini and small hydro systems, Status of Hydropower Worldwide, Advantages and Disadvantages of Hydropower, Selection of site for hydroelectric plant, Hydrological cycle, Essential elements of a hydroelectric power plant, Advantages and disadvantages.

Module 4: Wind Energy

Characteristics and measurement, Wind energy conversion principles, Types and classification of WECS, Site selection, Types of wind turbines, Wind turbine design and working, Economics of wind energy, Wind energy in India, Advantages and disadvantages.

Module 5: Other Renewable Energy Sources

Bio-Mass: Principles of Bio-Conversion, Anaerobic/aerobic digestion, types of Bio-gas digesters, gas yield, combustion characteristics of bio-gas, utilization for cooking.

Geothermal: Concept of geothermal energy, Resources, types of wells, methods of harnessing the energy, potential in India.

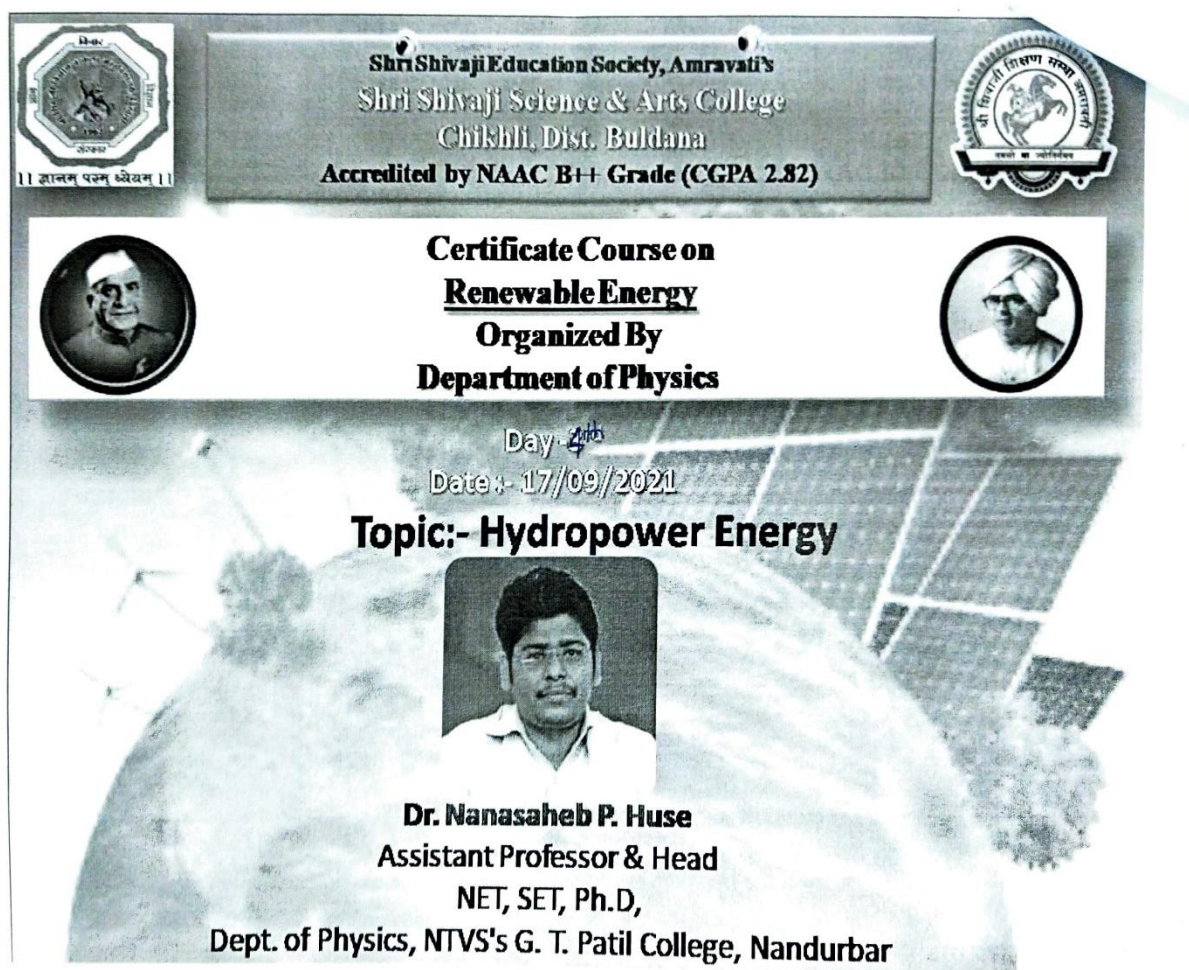
Ocean Energy: Origin of geothermal resources, type of geothermal energy deposits, Hydrogen as a source of energy, Types of fuel cell, fuel cell system.

Shri Shivaji Education Society's
Shri Shivaji Science and Arts College, Chikhli Distt. Buldhana
Online one week add-on course on 'Energy Resources'
 15th to 21st September 2021

Time: 11.00 to 4.30 PM

Time table

Day	Module/Time	11:00 – 12:00	12:00 – 1:00	1:00 – 2:00	2:30 – 3:30	3:30 – 4:30
Wednesday	Introduction to Renewable Energy	Prof. N. B. Thakare	Dr. D. N. Bhojar	Dr. P. B. Nalle	Prof. S. P. Harguman	Online Pract: Demonstrat
Thursday	Solar Energy	Dr. P. P. Padghan	Dr. P. B. Nalle	Dr. V. B. Huse	Dr. Suresh Joshi	Online Pract: Demonstrat
Friday	Hydro Energy	Dr. P. B. Nalle	Dr. D. N. Bhojar	Dr. P. P. Padghan	Dr. Manasubh Huse	Online Pract: Demonstrat
Saturday	Wind Energy	Dr. D. N. Bhojar	Dr. V. B. Huse	Dr. P. P. Padghan	Dr. Upendra Chaudhary	Online Pract: Demonstrat
Sunday	Other Energy Resources	Dr. V. B. Huse	Prof. N. B. Thakare	Dr. P. B. Nalle	Dr. Jagannath Rajwar	Online Pract: Demonstrat
Monday	Geothermal Energy	Dr. P. P. Padghan	Dr. P. B. Nalle	Dr. V. B. Huse	Assignment Submission	
Tuesday	Online Practical Demonstration - I				Theory Exam	



The certificate is for a course on Renewable Energy, organized by the Department of Physics. It is issued by Shri Shivaji Education Society, Amravati's Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana. The course is accredited by NAAC B++ Grade (CGPA 2.82). The certificate is for Day 4th, dated 17/09/2021, on the topic of Hydropower Energy. The speaker is Dr. Nanasaheb P. Huse, Assistant Professor & Head, NET, SET, Ph.D., Dept. of Physics, NTVS's G. T. Patil College, Nandurbar. The background of the certificate features a collage of renewable energy sources including solar panels, wind turbines, and a hydroelectric dam.

Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College
Chikhli, Dist. Buldana
Accredited by NAAC B++ Grade (CGPA 2.82)

Certificate Course on
Renewable Energy
Organized By
Department of Physics

Day - 4th
Date :- 17/09/2021

Topic:- Hydropower Energy

Dr. Nanasaheb P. Huse
Assistant Professor & Head
NET, SET, Ph.D,
Dept. of Physics, NTVS's G. T. Patil College, Nandurbar



॥ ज्ञानम् परम् ध्येयम् ॥

Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College
Chikhli, Dist. Buldana
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**Certificate Course on
Renewable Energy**
Organized By
Department of Physics



Day-3rd

Date :- 18/09/2021

Topic:- Wind Energy



DR. VIJENDRA ANANT CHAUDHARI

Assistant Professor
Dayanand College, Latur



॥ ज्ञानम् परम् ध्येयम् ॥

Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College
Chikhli, Dist. Buldana
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**Certificate Course on
Renewable Energy**
Organized By
Department of Physics



Day-2nd

Date :- 16/09/2021

Topic:- Global and National Energy Scenario



Dr. Rajesh Arun Joshi

Assistant Professor & Head
TOSHNIWAL ARTS, COMMERCE & SCIENCE COLLEGE,
SENGAONTQ. SENGALON DIST. HINGOLI,



॥ ज्ञानम् पद्मं ध्येयम् ॥

Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College
Chikhli, Dist. Buldana
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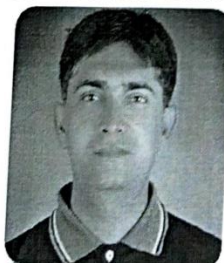
Certificate Course on
Renewable Energy
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Day -1st

Date :- 15/09/2021

Topic:- Solar Energy



Sanjay Prakashchand Hargunani
Associate Professor,
Department of Physics, G.S. Science,
Arts and Commerce College, Khamgaon



॥ ज्ञानम् परम् ध्येयम् ॥

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**Certificate Course on
Renewable Energy
Organized By
Department of Physics**



Day-6st

Date :- 20/09/2021

Topic:- Other Renewable Energy Sources



Dr. Gajanan Lalsing Jadhav
Assistant Professor

Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, Nagpur



Shri Shivaji Education society, Amravati's
**Shri Shivaji Science and Arts
College, Chikhli, Dist.-Buldana**



Department of Physics

**Action Taken Report on
Online One Week Certificate Course
on Renewable Energy**

Date: 15/09/2021 to 21/09/2021

Time: 11:00am to 4:30 pm

Academic year: 2020-2021

Assignment submission:

2:30-4:30

The assignment submission on the course was submitted by the student. This session operated by the Dr. P. Padghan

Day 7: Tuesday

21/09/2021

On the last day of the online course, Dr. P.P. Padghan shared a link of YouTube for the student about the practical work. The time for online practical was 11:00 am-02:00 pm with the help of this link student are aware about the practical related to the different energy sources and their uses.

The online exam was conducted at 2:30-4:30 for the online course of 100 marks and out of 80 students 27 students are passed the exam and received the certificates of the course.

This online course was responded spontaneously by B.Sc. students. For the success of this online course, Prof. N.B. Thakre, Dr. P.P. Padghan, Dr. Vijay Huse, Dr. D.N. Bhoyar, Dr. P.B. Nalle, Mr. E. L. Jadhao and Mr. Anil Bahekar worked hard.

Lecture 3:

1:00 -2:00

The Third lecture delivered by the Dr. P.P. Padghan, Assistant Professor , Department of Physics Department, Shri Shivaji Science and Arts College, Chikhli. He delivered a lecture Origin of geothermal resources, type of geothermal energy deposits.

Lecture 4:

2:30-3:30

Fifth day of the course the resource person was Dr. G.L Jadhav, Assistant Professor Shivaji Science College, Nagpur. Introduction of the resource person is given by Dr. D. N. Bhoyar. The resource person delivered the speech on the Other Renewable Energy Sources. In his speech is explained the renewable energy sources produced the by the biomass, geothermal and ocean energy. Biomass is plant or animal material used as fuel to produce electricity. Ocean energy: The movement of water in the world's oceans creates a vast store of kinetic energy, or energy in motion. Some of this energy can be harnessed to generate electricity to power homes, transport and industries.

Online Practical session:

3:30-4:30

On sixth day of the online course Dr. P.P Padghan gave a online link for the student about the practical work. With the help of this link student are aware about the practical related to the different energy sources and their uses.

Vote of thanks given by the Dr. P.P. Padghan and end of the sixth day of the course

Day6: Monday

20/09/2021

11:00 -12:00

The first lecture is delivered by the Dr. P.P. Padghan, Assistant Professor, Department of Physics, Shri Shivaji Science and Arts College, Chikhli. He explained about Principles of Bio-Conversion, Anaerobic/aerobic digestion, types of Bio-gas digesters, gas yield, combustion characteristics of bio-gas, utilization for cooking.

Lecture2:

12:00-1:00

The second lecture delivered by the Dr. P. P. Padghan, Assistant Professor , Department of Physics Department, Shri Shivaji Science and Arts College, Chikhli. She delivered lecture on Hydrogen as a source of energy.

Lecture 3:

1:00 -2:00

The Third lecture delivered by the Dr. P.P. Padghan, Assistant Professor , Department of Physics Department, Shri Shivaji Science and Arts College, Chikhli. He delivered a lecture Types of fuel cell, fuel cell system.

1:00 -2:00

The Third lecture delivered by the Dr. P.P. Padghan, Assistant Professor , Department of Physics Department, Shri Shivaji Science and Arts College, Chikhli. He delivered a lecture Economics of wind energy, Wind energy in India, Advantages and disadvantages.

Lecture 4

2:30-3:30

Fourth day of the course the resource person was Dr. Vijendra Chaudhri, Assistant Professor Dayanand College, Latur. Introduction of the resource person is given by Dr. D. N. Bhojar. The resource person delivered the speech on the Wind energy. In his speech is explained the renewable energy sources of which produces the wind energy to produce the electric energy. Wind power is an intermittent energy source, which cannot be dispatched on demand. Locally, it gives variable power, which is consistent from year to year but varies greatly over shorter time scales. Therefore, it must be used with other power sources to give a reliable supply. Power-management techniques such as having dispatchable power sources, excess capacity, geographically distributed turbines, exporting and importing power to neighbouring areas, grid storage, reducing demand when wind production is low, and curtailing occasional excess wind power, are used to overcome these problems. As the proportion of wind power in a region increases, more conventional power sources are needed to back it up, and the grid may need to be upgraded. Weather forecasting permits the electric-power network to be readied for the predictable variations in production that occur.

Online Practical session:

3:30-4:30

Dr. P.P Padghan shared a link of YouTube for the student about the practical work.

Vote of thanks given by the Dr. P.P. Padghan and end of the fourth day of the course.

Day 5: Sunday

19/09/2021

Lecture 1:

11:00 -12:00

The first lecture is delivered by the Dr. P.P. Padghan, Assistant Professor, Department of Physics, Shri Shivaji Science and Arts College, Chikhli. He explained about Principles of Bio-Conversion, Anaerobic/aerobic digestion, types of Bio-gas digesters, gas yield, combustion characteristics of bio-gas, utilization for cooking.

Lecture2:

12:00-1:00

The second lecture delivered by the Dr. P.B. Nalle, Assistant Professor , Department of Physics Department, Shri Shivaji Science and Arts College, Chikhli. She delivered lecture on concept to geothermal energy, Resources, types of wells, methods of harnessing the energy, potential in India.

1:00 -2:00

The Third lecture delivered by the Dr. P.P. Padghan, Assistant Professor , Department of Physics Department, Shri Shivaji Science and Arts College, Chikhli. He delivered a lecture Selection of site for hydroelectric plant, Hydrological cycle, Essential elements of a hydroelectric power plant, Advantages and disadvantages.

Lecture 4:

2:30-3:30

Third day of the course the resource person was Dr. Nanasaheb Huse, Assistant Professor and Head, G.T. Patil College Nandurbar. The introduction of the resource person is given by Dr. Vijay Huse. The resource person delivered the speech on the Hydropower energy. In his speech is explained the renewable energy sources of which produces the hydropower for use of various sector. Since ancient times, hydropower from watermills has been used as a renewable energy source for irrigation and the operation of mechanical devices, such as gristmills, sawmills, textile mills, trip hammers, dock cranes, domestic lifts, and ore mills. A trompe, which produces compressed air from falling water, is sometimes used to power other machinery at a distance. Hydropower is now used principally for hydroelectric power generation, and is also applied as one half of an energy storage system known as pumped-storage hydroelectricity. Hydropower is an attractive alternative to fossil fuels as it does not directly produce carbon dioxide or other atmospheric pollutants and it provides a relatively consistent source of power. Nonetheless, it has economic, sociological, and environmental downsides and requires a sufficiently energetic source of water, such as a river or elevated lake. International institutions such as the World Bank view hydropower as a low-carbon means for economic development.

Online Practical session:

3:30-4:30

Dr. P.P Padghan shared a link of YouTube for the student about the practical work.

At last vote of thanks given by the Dr. D. N. Bhojar end of the third day of the course.

Day 4: Saturday

18/06/2021

Lecture 1:

11:00 -12:00

The first lecture is delivered by the Dr. Dhananjay Bhojar, Assistant Professor, Department of Physics, Shri Shivaji Science and Arts College, Chikhli. She explained about the characteristics and measurement, Wind energy conversion principles, Types and classification of WECS.

Lecture 2:

12:00-1:00

The second lecture delivered by the Dr. Vijay Huse, Assistant Professor , Department of Physics Department, Shri Shivaji Science and Arts College, Chikhli. He delivered lecture on small Hydro-power Systems: Overview of micro, mini and small hydro-systems, Status of Hydropower World wide, Advantages and Disadvantages of Hydropower.

Lecture 3:

The Third lecture delivered by the Dr. Vijay Huse, Assistant Professor , Department of Physics Department, Shri Shivaji Science and Arts College, Chikhli. She delivered a lecture on Globalwarming and Greenhouse effect

1:00 -2:00

Lecture 4:

2:30-3:30

Second day of the course the resource person was Dr. Rajesh Joshi, Assistant Professor, Toshniwal Arts, Commerce and Science College, Sengaon, Dist.-Hingoli. Introduction of the resource person introduction given by the Dr. P.B. Nalle. The resource person delivered the speech on the Global and National Energy Scenario. In his explained the energy in India and world and what is our position in the energy formation and Energy is one of the major inputs for the economic development of any country. In the case of the developing countries, the energy sector assumes a critical importance in view of the ever increasing energy needs requiring huge investments to meet them. Energy can be classified into several types based on the following criteria:

- Primary and Secondary energy
- Commercial and Non-commercial energy
- Renewable and Non-Renewable energy

Huge investment in electricity generation is needed to meet future electricity demand .Energy efficiency should be increased in the renewable energy sources.

Online Practical session:

3:30-4:30

Dr. P.P Padghan shared a link of YouTube for the student about the practical work.

At last vote of thanks given by the Dr. D. N. Bhoyar end of the second day of the course.

Day 3: Friday

17/09/2021

Lecture 1:

11:00 -12:00

The first lecture is delivered by the Dr. P. B. Nalle assistant professor department of Physics, Shri Shivaji Science and Arts College, Chikhli. He explained about the Introduction to Hydropower, Classification of Hydropower Plants.

Lecture 2:

12:00-1:00

The second lecture delivered by the Dr. D. N. Bhoyar, Assistant Professor , Department of Physics Department, Shri Shivaji Science and Arts College, Chikhli. He delivered lecture on small Hydropower Systems: Overview of micro, mini and small hydro-systems, Status of Hydropower Worldwide, Advantages and Disadvantages of Hydropower.

Lecture 3:

The Third lecture delivered by the Dr. P.B. Nalle, Assistant Professor , Department of Physics Department, Shri Shivaji Science and Arts College, Chikhli. She delivered a lecture on the Different configurations, SPV system components and their characteristics,

1:00 -2:00

Lecture 4:

2:30-3:30

The resource person for the first day was Dr. Sanjay Hargunani, Associate professor , G.S. College Khamgaon, Dist.-Buldana. He gave speech on the solar energy. In the speech he explored all the area of the solar energy and how this is useful for the need of large energy for the future. Solar energy is radiant light and heat from the Sun that is harnessed using a range of ever-evolving technologies such as solar heating, photovoltaics, solar thermal energy, solar architecture, molten salt power plants and artificial photosynthesis. It is an essential source of renewable energy, and its technologies are broadly characterized as either passive solar or active solar depending on how they capture and distribute solar energy or convert it into solar power. Active solar techniques include the use of photovoltaic systems, concentrated solar power, and solar water heating to harness the energy. Passive solar techniques include orienting a building to the Sun, selecting materials with favourable thermal mass or light-dispersing properties, and designing spaces that naturally circulate air.

Globally lots of researchers/scientists working in the area of solar energy to improve the efficiency of the solar energy devices.

Online Practical session:

3:30-4:30

Dr. P.P Padghan shared a link of YouTube for the student about the practical work.

At last vote of thanks was given by the Dr. D.N. Bhoyar and end of the first day of the course.

Day-2: Thursday

16/09/2021

Lecture 1:

11:00 -12:00

The first lecture is delivered by the Dr. Prafull Padghan department of Physics, Shri Shivaji Science and Arts College, Chikhli. He explained about the Overview of conventional & renewable energy sources, Overview of world and India's energy scenario.

Lecture 2:

12:00-1:00

The second lecture delivered by the Dr. P. B. Nalle, Assistant Professor , Department of Physics Department, Shri Shivaji Science and Arts College, Chikhli. He delivered lecture on the Energy and development linkage, Energy Sources: classification of energy sources.

Lecture 3:

Action Taken Report:

Activity: Online One Week Certificate Course on Renewable Energy

Aim: Student can learn about the renewable energy sources and their use in day to day life.

Notice: A leaflet of the program distributed through whatsapp.

Organizer: Dr. O. S. Deshmukh, Principal, Shri Shivaji Science and Arts College Chikhli

Organizing Committee: Mr. N.B. Thakare (Head, Department of Physics) and

Dr. P. P. Padghan (Course Coordinator), Assistant Professor, Department of Physics

Member: Dr. V.B. Huse, Dr. D.N. Bhoyar and Dr. P.B. Nalle

Number of students registered: 80

Date: From 15/09/2021 to 21/02 2021

Time: 11:00 am to 4:30 pm

Action Taken: Online One Week Certificate Course on Renewable Energy was organized by the Department of Physics, Shri Shivaji Science and Arts College, Chikhli, Dist.- Buldana from 15/09/2021 to 21/02 2021. Student can learn about the renewable energy sources and their use in day to day life.

Day 1: Wednesday

15/09/2021

The online one week certificate course was inaugurated by the principal of the college, Dr. O.S. Deshmukh. In his inaugural address, he emphasized the importance of energy in modern life and this can be provided by the renewable energy sources only. The introduction of the resource person given by Prof. N. B. Thakre, head, department of physics. In this course work there are four lectures per day and online practical demo for the students.

Lecture 1:

11:00 -12:00

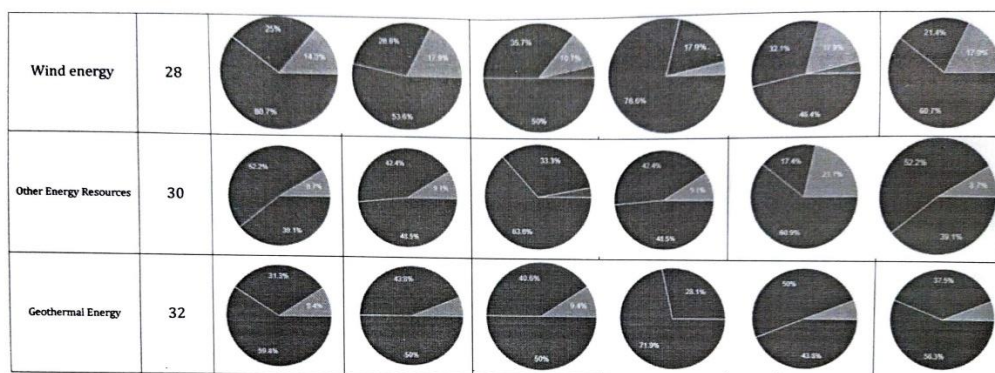
The first lecture is delivered by the HOD of Physics Department, Shri Shivaji Science and Arts College, Chikhli. He explained about the Solar Energy System and Solar Radiation.

Lecture 2:

12:00-1:00

The second lecture delivered by the D. N. Bhoyar, Assistant Professor, Department of Physics Department, Shri Shivaji Science and Arts College, Chikhli. He delivered lecture on the Solar Thermal Conversion Devices and Storage, Solar-Electrical Power Generation,

Lecture 3:



- Extremely Effective
- Very Effective
- Somewhat Effective
- Slightly Effective


 Head of Department
 Head of Physics Department
 Shri Shivaji Science & Arts Coll
 CHIKHLI


 Principal
 Shri Shivaji Sci. & Arts
 College, Chikhli, Dist. Buldana

Feedback

Feedback of each lecture is collected through Google form and analysed.

Name of the Topic	No. of feedback received	How do you rate the relevancy of the theme of the Lecture?	How do you find the content of this Module?	How do you rate the quality of the delivery of the module by the resource person?	The session delivered the information as I had expected	How relevant and helpful do you think it would be for your life?	Please rate your overall knowledge level covered before attending the session
SolarEnergy	32						
Introduction to Renewable Energy	33						
Hydro energy	23						



Dr. Omraj S. Deshmukh
Dr. Omraj S. Deshmukh
Principal
Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana

ZOOLOGY

Shri Shivaji Science And Arts college Chikhli
Department of Zoology

SYLLABUS OF THE COURSE
TITLE OF THE COURSE: BEE KEEPING/ APICULTURE.
SPONSORED BY UNIVERSITY GRANT COMMISSION, NEW DELHI

Theory Syllabus of Six Month Certificate Course

Program of the Course:

1. Course will be of 30 Credits, each credit will have 14 hours (45min.)
2. Out of 30 credits 20 credits will be assigned to field work/project/training
3. The candidate required to attend 75% lectures/periods.
4. The candidate must obtained 35% of the total marks in theory and practical/project work separate to pass the course.
5. Candidate will be offered English medium of instructions/examination.
6. All 12th examination passed.

UNIT – I Introduction to Apiculture = scope, importance (21L)

- ✓ History of bee keeping: Definition, Bee keeping in worldwide, In India. Traditional bee keeping, Modern beekeeping, Urban or backyard beekeeping.
- ✓ Apiculture development in India - institutions involved. Role of Central Honey Bee Research & Training Institute.

UNIT – II Honey Bee morphology, Life cycle and Honeybee Enemies (30L)

- ✓ Basic concepts of morphology of Honey bees - indigenous, exotic
- ✓ Honey bee species and identification. Origin, systematic and distribution of honey bees. Types of honey bees, Species of honey bees. Bee identification.
- ✓ Social organization in honey bees: Colony life and social organization – Queen, drone, worker. Annual biological cycle of the bee colony.
- ✓ Bee enemies and diseases: An introduction, Bee enemies – Wax Moth, Ants, Wasps, Microorganisms, Pests. Diagnosis and Identification.
- ✓ Mites attacking honey bees: Varroa mites, Mite Biology, Controlling Varroa Mites, Mechanical control, Mite-tolerant stocks, Biopesticides, Chemical (synthetic pesticide) treatments.

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UNIT – III Honey - its properties and application in various fields (23L)

- ✓ Honey - its medicinal properties - application in various fields - other valuable by products of honey bees
- ✓ Value added honey products. Properties of honey products, Nutrients and composition of honey, Acid content and flavor effects.
- ✓ Types of value added honey products.

UNIT – IV Bee keeping: Tools and Equipment. (21L)

- ✓ Basic requirements of Tools for starting bee keeping: Getting Started in Beekeeping - Land and Buildings, Equipment and supplies.
- ✓ Bee keeping equipment - introduction to types of bee boxes - BIS standard Tools used in apiculture.
- ✓ Bee breeding multiplication of colonies - Queen reaching technique.

UNIT – V Honeybee Plants and Floral Calendar. (15L)

- ✓ Bee flora - importance propagation - congenial conditions for starting up of apiculture.
- ✓ Migratory Bee Keeping - designing floral Calendar
- ✓ Improved Agricultural practices - crop pollination - Pesticides impact on Honey bees.

UNIT – VI Honey Processing and Bee Hive Products (15L)

- ✓ Honey extraction & handling - Quality control standards - Honey testing kit
- ✓ Processing of honey. Other valuable by products of honey bees
- ✓ Bee venom & Royal jelly extraction.

REFERENCES:

Reference Books for Theory

- ✓ Prospective in Indian Apiculture - R.C. Mishra.
- ✓ Rearing queen bees in India - M.C. Suryanarayana et. al.
- ✓ Bee Keeping in India - G. K. Ghosh.
- ✓ Technology and value addition of Honey - Dr. D. M. Wakhle and K. D. Kamble.
- ✓ ABC & XYZ of Bee culture - A. I. Root.
- ✓ Indian Bee Journal - All India Bee Keeping Association.
- ✓ Asian Bee Journal.

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SYLLABUS OF THE COURSE
TITLE OF THE COURSE: BEE KEEPING/ APICULTURE.
SPONSORED BY UNIVERSITY GRANT COMMISSION, NEW DELHI

Practical Syllabus of Six Month Certificate Course

1. To study the morphology of Honeybees and Identification of different species and classes of Honey bees.
2. To Study different stages in life cycle of Honey bees.
3. To study the behavior of Honeybees.
4. Bee keeping unit - Handling of frames with colonies.
5. Introduction of parts of Bee box - ISI 'A' type 'B' type & Tools used in Bee keeping.
6. Identification of Queen Cells, Drone cells & Brood.
7. Sugar feeding of colonies in scarcity period.
8. Identification of kinds of Queen Cells.
9. Methods of Multiplication of Bee Colonies.
10. Bee flora - Propagation of bee plants - Preparation of floral calendar.
11. Natural enemies and predators of Honey Bees - management involved.

Reference for Practical:

- ✓ David Cramp, 2012. The Complete Step-by-step Book of Beekeeping: A Practical Guide to Beekeeping, from Setting up a Colony to Hive Management and Harvesting the Honey. Lorenz Books. London.
- ✓ David Cramp, 2009. A Practical Manual of Beekeeping: How to Keep Bees and Develop Your Full Potential as an Apiarist. Spring Hill, London.
- ✓ Ted Hooper, 2010. Guide to Bees and Honey: The World's Best Selling Guide to Beekeeping. Northern Bee Books. Oxford.
- ✓ David Cramp, 2012. The Complete Step-by-step Book of Beekeeping: A Practical Guide to Beekeeping, from Setting up a Colony to Hive Management and Harvesting the Honey. Lorenz Books. London.
- ✓ Vijay Kumar Kaushik Bee keeping in India a profitable enterprise.

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Shri Shivaji Education Society Amravati's
Shri Shivaji Science And Arts College, Chikhli Dist . Buldana
[Affiliated to Sant Gadge Baba Amravati University, Amravati]



Department of Zoology

UGC Sponsored

NATIONAL SKILL DEVELOPMENT SCHEME

Six Month Certificate Course

In

Beekeeping/Apiculture



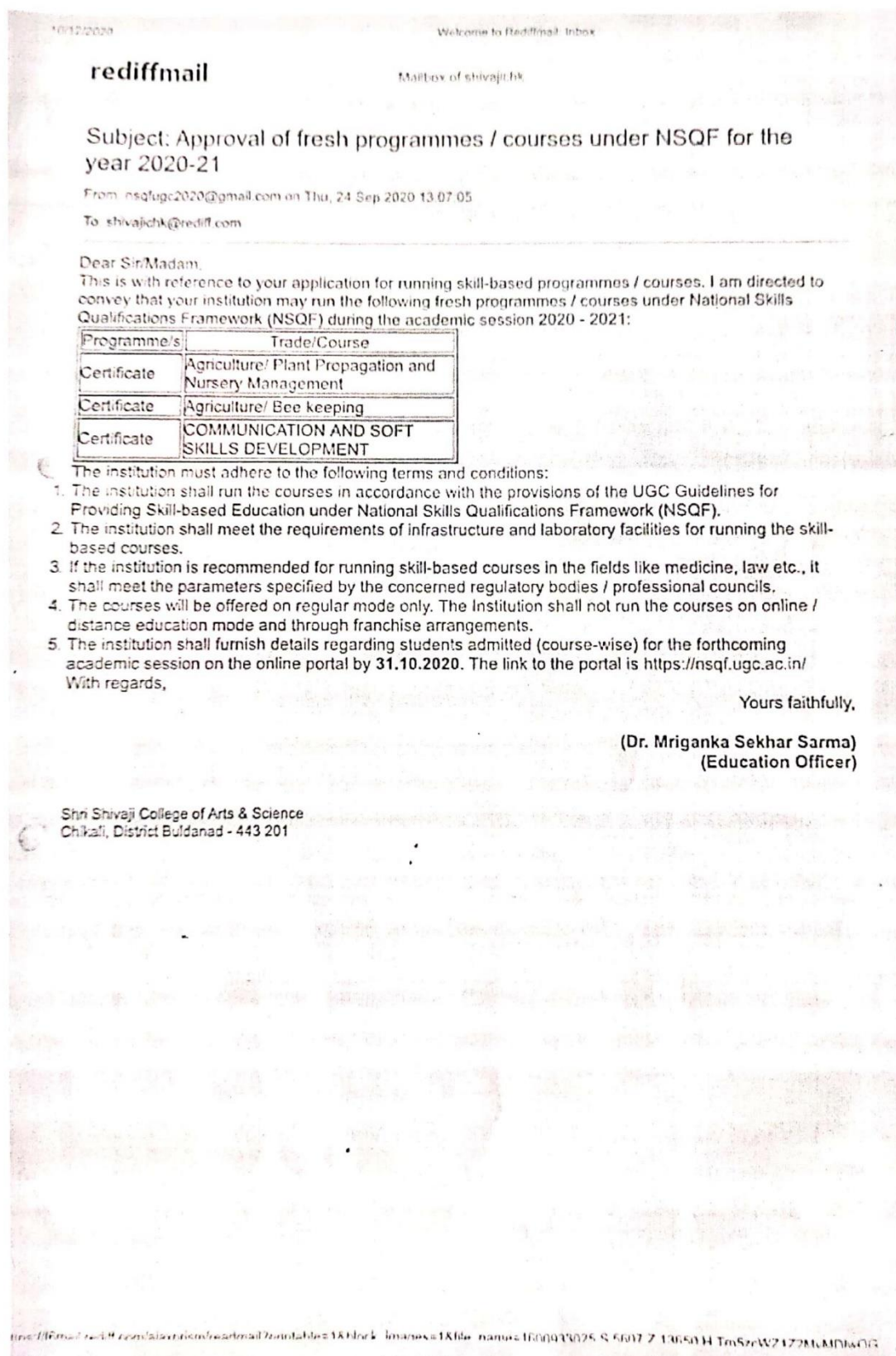
Eligibility Criteria
12th Pass/Graduate

Admission Open

Course Coordinator
Dr. R. B. Gade

Nodal Officer
Dr. M. T. Nikam

Principal
Dr. O. S. Deshmukh



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Shri Shivaji Education Society, Amravati
SHRI SHIVAJI SCIENCE & ARTS COLLEGE,
CHIKHLI, DIST. BULDANA (M.S.) 443 201
NAAC 'B' GRADE



DR. A. M. GARODE
PRINCIPAL

SHRI HARSHAVRUDHAN DESHMUKH
PRESIDENT

CS/COU-CC/36 Memorandum of Understanding (MoU) 17 / JUL / 2020

BETWEEN

SHRI SHIVAJI SCIENCE AND ARTS COLLEGE CHIKHLI DISTRICT, BULDANA.

AND

ARTS, SCIENCE AND COMMERCE COLLEGE CHIKHALDARA DISTRICT AMRAVATI.

Program Entitled - Certificate Course in Apiculture

This memorandum of understanding entered into on date 17/07/2020 between Department of Zoology, Shri Shivaji Science And Arts College Chikhli and Department of Apiculture Art, Science and Commerce College Chikhaldara Dist. Amravati. Herewith agree to work together for activities with aims and objective mentioned below.

- Co-operate in exchange of information related to beekeeping.
- To organize frequent field visit.
- To provide guidance for construction of beehive.
- To impart training of commercial beekeeping for students.
- To provide guidance for rearing honeybees.
- To guide for obtaining apinary products.
- To arrange special talks.

The MoU shall remain effective for five years from the date of inception and then shall be renewed thereafter as per the need.

Witnesses:

Signature -
Name - Dr. M. V. Mangle
Department of Zoology
Shri Shivaji Science and Arts College
Chikhli, Dist. Buldana 443201
Department of Zoology

Signature -
Name - Dr. V. S. Mangle
Designation - Co-ordinator
Department of Apiculture

Principal
Shri Shivaji Science and Arts College Chikhli,
Buldana.

Principal
Art, Science & Commerce College
Chikhaldara, Dist. Amravati.

www.sscg.org www.sscgk.org
E-mail: shivajichk@rediffmail.com Phone: (07254) 242088(0)
We Educate, Inspire and Empower...

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Shri Shivaji Science And Arts College Chikhli

Department of Zoology

Certificate Course

Apiculture/Beekeeping

❖ **List of Teacher**

Sr. No.	Name of Teacher	Qualification
1	Dr. M. T. Nikam	M.Sc., B.Ed., Ph.D.
2	Dr. V. M. Hemke	M.Sc., Ph.D. (Post-doc)
3	Dr. R. B. Gade	M.Sc., Ph.D.

❖ **List of Non Teaching Staff:**

Sr. No.	Name of Non-Teaching Staff	Qualification
1	Mr. V.D. Sawle	SSS., ITI
2	Mr. R.A. Shaikh	--

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Shri Shivaji Science And Arts College Chikhli
Department of Zoology

Certificate Course
Apiculture/Beekeeping

2020-2021

Time Table

Sr.No.	Day	Name of Teacher	Theory/Practical	Time
1	Monday	Dr. M.T. Nikam	Theory	2:45 to 3:30PM
2	Tuesday	Dr. V.M. Hemke	Theory	2:45 to 3:30 PM
3	Wednesday	Dr. R.B. Gade	Theory	2:45 to 3:30 PM
4	Thursday	Dr. R.B. Gade	Theory	2:45 to 3:30 PM
5	Friday	Dr. V.M. Hemke	Theory	2:45 to 3:30 PM
6	Saturday	Dr. M.T. Nikam Dr. V.M. Hemke Dr. R.B. Gade	Practical	2:45 to 5:00 PM


Coordinator


H.O.D.
Department of Zoology

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ASCI		Attendance Sheet- UGC		H. S. D. C. National Skill Development Corporation Transforming the skill landscape	
College Name:- Shri shivaji Science and Arts College, Chikhli			Location:- Near pandhrinath Patil Square, Shivaji nagar, Chikhli, Buldana, Mah-443201		
Course Name:- Certificate Course In Apiculture/ Beekeeper			Semester:- 1 Level:- 4		
Date of Assessment :- 30-10-2021			Assessor Name :- Dr. Mukund Sapkal		
Total Student:- 22		Present:- 22		Absent:- 00	
Sr No.	Name	Father Name	Signature		
1	Rahul Paraskar	Dlpak			
2	Shirale Laukik	Ashok			
3	Ashant Kharat	Deorao			
4	Pankaj Dhanve	Sanjay			
5	Ajay Jadhao	Sanjay			
6	Ingle Pravin	Rajendra			
7	Tayde Satish	Rameshwar			
8	Morey Lokesh	Harihar			
9	Khakre Ashish	Vinayak			
10	Suradkar Om	Sanjay			
11	Muskan Hiriwale	Husen			
12	Shradha Deshmukh	Sunil			
13	Sunita Gawai	Samadhan			
14	Pooja More	Santosh			
15	Gayatri Patil	Rajiv			
16	Sakshi Chinchole	Vittal			
17	Harshada Ghule	Kaduba			
18	Purva Sawale	Vishvanath			
19	Priyanka Misal	Ramdas			
20	Adiba Khan	Afroz			
21	Pragati Saraf	Janardhan			
22	Shital Jadhav	Tejrao			
23					
24					
25					
Assessor Signature		HEAD Department of Zoology Shri Shivaji Science and Arts College Chikhli, Dist. Buldana 443201 			

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ASCI			Practical Marks Sheet			
College Name:- Shri shivaji Science and Arts College, Chikhli			Location:- Near pandhrinath Patil Square, Shivaji nagar, Chikhli, Buldana, Mah-443201			
Course Name:- Certificate Course in Apiculture/ Beekeeper			Semester:- 1 Level:- 4			
Date of Assessment :- 30-10-2021			Assessor Name :- Dr. Mukund Sapkal			
			Assessment Parameters (MM 35)			
Sr No.	Name	Father Name	Level of Proficiency in skill (20)	Interpersonal Skills including Communication & Comprehension (10)	Hygiene and Safety (5)	Total (35)
1	Rahul Paraskar	Dipak	17	09	05	31
2	Shirale Laukik	Ashok	18	10	04	32
3	Ashant Kharat	Deorao	17	10	04	31
4	Pankaj Dhanve	Sanjay	16	09	04	29
5	Ajay Jadhao	Sanjay	19	08	05	32
6	Ingle Pravin	Rajendra	20	09	05	34
7	Tayde Satish	Rameshwar	15	07	05	27
8	Morey Lokesh	Harihar	18	09	05	32
9	Khakre Ashish	Vinayak	19	08	05	32
10	Suradkar Om	Sanjay	20	10	03	33
11	Muskan Hiriwale	Husen	20	10	04	34
12	Shradha Deshmukh	Sunil	19	10	05	34
13	Sunita Gawai	Samadhan	19	10	04	33
14	Pooja More	Santosh	18	10	04	32
15	Gayatri Patil	Rajiv	17	09	04	30
16	Sakshi Chinchole	Vittal	16	07	05	28
17	Harshada Ghule	Kaduba	15	08	05	28
18	Purva Sawale	Vishvanath	14	09	05	28
19	Priyanka Misal	Ramdas	17	10	04	31
20	Adiba Khan	Afroz	16	10	03	29
21	Pragati Saraf	Janardhan	18	10	05	33
22	Shital Jadhav	Tejrao	19	09	05	33
23						
24						
25						

Assessor Signature

M. Sapkal
30/10/2021

Ozdeeshmukh
Principal

Shri Shivaji Science & Arts College
Chikhli, Buldana

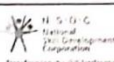
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ASCI			Viva Marks Sheet		
College Name:- Shri shivaji Science and Arts College, Chikhli			Location:- Lear pandhrinath Patil Square, Shivaji nagar, Chikhli, Buldana, Mah-443201		
Course Name:- Certificate Course in Apiculture/ Beekeeper			Semester:- 1 Level:- 4		
Date of Assessment :- 30-10-2021			Assessor Name :- Dr. Mukund Sapkal		
Sr No.	Name	Father Name	Evaluation Parameters (MM 10)		
			Knowledge (5)	Communication Skills (5)	Total (10)
1	Rahul Paraskar	Dipak	05	05	10
2	Shirale Laukik	Ashok	04	04	08
3	Ashant Kharat	Deorao	05	05	10
4	Pankaj Dhanve	Sanjay	05	04	09
5	Ajay Jadhao	Sanjay	05	05	10
6	Ingle Pravin	Rajendra	04	05	09
7	Tayde Satish	Rameshwar	03	05	08
8	Morey Lokesh	Harihar	03	05	08
9	Khakre Ashish	Vinayak	05	04	09
10	Suradkar Om	Sanjay	05	03	08
11	Muskan Hiriwale	Husen	05	03	08
12	Shradha Deshmukh	Sunil	05	03	08
13	Sunita Gawai	Samadhan	04	05	09
14	Pooja More	Santosh	03	05	08
15	Gayatri Patil	Rajiv	04	06	09
16	Sakshi Chinchole	Vittal	04	04	08
17	Harshada Ghule	Kaduba	04	04	08
18	Purva Sawale	Vishvanath	03	04	07
19	Priyanka Misal	Ramdas	05	05	10
20	Adiba Khan	Afroz	05	05	10
21	Pragati Saraf	Janardhan	05	04	09
22	Shital Jadhav	Tejrao	05	05	10
23					
24					
25					

Assessor Signature

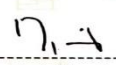
MB Sapkal
30/10/2021

Dr. Deshmukh
Principal
Shri Shivaji Science & Arts College
Chikhli, Buldana

 ASCI	Marks Sheet	 National Greening Corporation Transforming the Landscapes				
College Name:- Shri Shivaji Science and Arts College, Chikhli						
Course Name:- Certificate Course in Apiculture/ Beekeeper			Semester:- 1 Level:- 4			
Date of Assessment :- 30-10-2021			Assessor Name :- Dr. Mukund Sapkal			
Total Students:- 22		Present:- 22	Absent:- 00			
Sr.No.	Name	Father Name	Assessment Parameters (MM 60)			
			MCQ (15)	Viva(10)	Practical (35)	Total (60)
1	Rafid Paraskar	Dipak	15	10	31	56
2	Shirale Lakshik	Ashok	14	08	32	54
3	Ashant Kharat	Deorao	14	10	31	55
4	Pankaj Dhanve	Sanjay	15	09	29	53
5	Ajay Jadhav	Sanjay	15	10	32	57
6	Ingle Pravin	Rajendra	13	09	34	56
7	Tayde Satish	Rameshwar	15	08	27	50
8	Morey Lokesh	Harihar	13	08	32	53
9	Khakre Ashish	Vinayak	13	09	32	54
10	Suradkar Om	Sanjay	15	08	33	56
11	Muskan Hirwale	Husen	15	08	34	57
12	Shradha Deshmukh	Sunil	15	08	34	57
13	Sunita Gawai	Sarnadhan	15	09	33	57
14	Pooje More	Santosh	15	08	32	55
15	Gayatri Patil	Rajiv	15	09	30	54
16	Sakshi Chinchole	Vittal	14	08	28	50
17	Harshada Ghule	Kaduba	15	08	28	51
18	Purva Sawale	Vishvanath	15	07	28	50
19	Priyanka Misal	Ramdas	15	10	28	53
20	Adiba Khan	Afroz	15	10	28	53
21	Pragati Saraf	Janardhan	15	09	33	57
22	Shital Jadhav	Tejrao	15	10	33	58
23						
24						
25						
Assessor Signature						

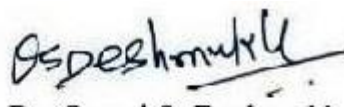
30/10/2021

Principal
Shri Shivaji Science & Arts College
(Buldana)

 Skill India कौशल भारत - कुशल भारत	 ASCI Agriculture Skill Council of India	 N.S.D.C National Skill Development Corporation Transforming the skill landscape www.nsdindia.org
Certificate		
Ms. <u>Pragati Janardhan Saraf</u> D/O <u>Janardhan</u> (Aadhaar No.: XXXXXXXXXXXXX)		
student of <u>Shri Shivaji Science And Arts College, Chikhli</u> affiliated to <u>Sant Gadge Baba Amravati University</u>		
has successfully passed assessment for <u>First</u> semester of		
<u>Certificate in Beekeeping</u> , Session <u>2020-21</u>		
 Maneesh Mansingka Chairman Agriculture Skill Council of India E-Mail : info@asci-india.com, www.asci-india.com		 Registration No: ASCI/UGC/9320 Date of Issuance 10 Nov, 2021

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Dr. Omraj S. Deshmukh
Principal
Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana

Economics



Shri Shivaji Education society, Amravati's

**Shri Shivaji Science and Arts College, Chikhli,
Dist.-Buldana**

Department of Economics

Action Taken Report on Certificate Course on Agricultural based Entrepreneurship Development

(From 21 to 30 September 2021)

Time: 11:00am to 02:00 pm

Academic year: 2020-2021

Action Taken Report:

Activity: Certificate Course on Agricultural based Entrepreneurship Development.

Aim: Student can learn about a lot of career opportunities are in the agricultural industries from farmer to consumer, plow to plate as agriculture being the lucrative industry in India and at the global level.

Notice: A leaflet of the program distributed through whatsapp.

Organizer: Dr. O. S. Deshmukh, Principal, Shri Shivaji Science and Arts College Chikhli

Organizing Committee: Dr. S.M. Kalakhe (Head, Department of Economics & Course Coordinator)

Member: Prof.Dr. Ganesh Malte, Prof.Dr. Jagdev Jadhav, Prof.Dr. Imtihak Jukkalkar, Prof.Dr. Vishnu Padwal, Prof.Dr. Anuradha Mule

Number of Participants registered: 121

Date: From 21/09/2021 to 30/09/2021

Time: 11:00 am to 02:00 pm

Action Taken: Certificate Course on Agricultural based Entrepreneurship Development was organized by the Department of Economics, Shri Shivaji Science and Arts College, Chikhli, Dist.-Buldana from 21/09/2021 to 30/09/2021. Student can learn and familiar with crops, pastures, soil types, agricultural and horticultural chemicals and their use in future life.

Day 1: Tuesday

21/09/2021

The Certificate Course on Agricultural based Entrepreneurship Development was inaugurated by the principal of the college, Dr. O.S. Deshmukh. In his inaugural address, he emphasized the importance of agriculture in this time and must have a keen and analytical mind, a high level of concentration, an aptitude for research, the ability to work as part of a team, abundant physical stamina to put in long hours of work and patience. The introduction of the resource person given by Dr. S. M. Kalakhe, head, department of Economics. In this course work there are two lectures per day for the students.

Lecture 1:

11:00 -12:30

Introduction of the resource person given by the Dr.J.J.Jadhav, Professor and Head of Department of Political Science, Shri Shivaji science and Arts college, Chikhli Dist. Buldana. The first lecture is delivered by the Prof. Dr. Surendra G. Kalbande, Registrar, Dr. Punjabrao Deshmukh Agricultural University, Akola. He explained about the Agricultural Entrepreneurship. He gave speech on a major change has been observed over the past thirty years in the agricultural markets and the trade of agricultural products across the globe. The world is growing and shifted from the national market to the international system of trading,

which indicates that, the farmers with a plot of land competing with the huge industrial farmers of other nations in a single marketplace.

Lecture2:

12:30-02:00

Introduction of the resource person given by the Dr.S.M.Kalakhe,Head of department of Economics, Shri Shivaji Science and Arts College,Chikhli,Dist.Buldana The second lecture delivered by the Prof. Dr. Santosh Kute, Chairman, Board of Economics Studies, Sant Gadge Baba Amravati University Amravati. He delivered lecture Agricultural Entrepreneurship. In the speech he explored To support the agriprenuer needs of the farmers, the authorities need to formulate some new skills and this is beneficial in the process of commercialization also. The farmers need to grow the farm plans with the help of other individual farmers and also, working with the distinctive levels of farmer organizations from groups to the corporations. This will help analyze the areas of market, sales and financing and building various farming business opportunities with the clients.

At last vote of thanks was given by the Dr. S.S.Gaikwad and end of the first day of the course.

Day-2: Wednesday

22/09/2021

Lecture 1:

11:00 -12:30

Introduction of the resource person given by the IQAC-coordinator Dr.V.U.Pochhi., Shri Shivaji Science and Arts College,Chikhli,Dist.Buldana .The first lecture is delivered by the Shri. Pandharinath Yashwant Gunjkar, Adarsh Shetkari Udyojak Award winning entrepreneur, Yashwant Krishi Udyog, Undri Ta. Chikhali Dist. Buldhana. He explained about Agri Engineering, the field of agriculture allowed for an enormous boost in the productivity of crops, dubbed a "second agricultural revolution". provide advice and develop engineering technologies and techniques that are used in agricultural production and in the management of natural resources.

Lecture2:

12:30-02:00

Introduction of the resource person given by the Dr.S.M.Kalakhe,Head of department of Economics Shri Shivaji Science and Arts College,Chikhli,Dist.Buldana. The second lecture delivered by the Prof. Vijay Wakode, SPM Tatyasaheb Mahajan College, Chikhli Dist.Buldana.He delivered lecture on the Management Poultry farm, Explained about Poultry farming is the form of animal husbandry which raises domesticated birds such as chickens, ducks, to produce meat or eggs for food.

At last vote of thanks given by the Dr. S. S. Gaikwad end of the second day of the course.

Day 3: Thursday

23/09/2021

Lecture 1:

11 :00 -12:30

Introduction of the resource person given by the Dr.S.M.Kalakhe, Head of department of Economics Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana . the resource person was Prof. Dr. Darshana More, K. K. Wagh Agricultural College, Nashik, she delivered a lecture on Nursery Management, she explained about the Planning demand for planting material, provision of mother blocks, requirement of land area, water supply, working tools, growing structures and input availability. Implementation - land treatment, protection against biotic interference and soil erosion, proper layout, input supply, etc. And focus on is possible to provide favourable growth conditions i.e., germination as well as growth. Better care of younger plants as it is easy to look after nursery in small area against pathogenic infection pest and weed. Crop grown by nursery raising is quite early and fetch higher price in the market. So economically more profitable. There is saving of land and labour as main field will be occupied by the crop for lesser duration. Hence intensive crop rotation can be followed. More time is available for the preparation of main field because nursery is grown separately. As vegetable seeds are very expensive, particularly hybrids, seed cost can be economized by sowing them in the nursery.

At last vote of thanks given by the Dr. S. S. Gaikwad end of the third day of the course.

Day 4: Friday

24/09/2021

Lecture 1:

11:00 -12:30

Introduction of the resource person given by the Dr.S.M.Kalakhe, Head of department of Economics Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana. The first lecture is delivered by the Shri. Balasaheb Kadam, Cultivation and sale of Medicinal Plants Farmers Producer Company, Nivla (Bazar) Hadgaon Dist. Nanded., he deliver a lecture on Medicinal Plants, that he explained Medicinal plants, is known as medicinal herbs, have been discovered and used in traditional medicine practices since prehistoric times. Plants synthesise hundreds of chemical compounds for functions including defence against insects, fungi, diseases, and herbivorous mammals. Numerous phytochemicals with potential or established biological activity have been identified. However, since a single plant contains widely diverse phytochemicals, the effects of using a whole plant as medicine are uncertain. Further, the phytochemical content and pharmacological actions, if any, of many plants having medicinal potential remain unassessed by rigorous scientific research to define efficacy and safety. Medicinal plants are widely used in non-industrialized societies, mainly because they are readily available and cheaper than modern medicines. The annual global export value of the thousands of types of plants with medicinal properties.

Lecture2:

12:30-02:00

Introduction of the resource person given by the Dr.S.M.Kalakhe, Head of department of Economics Shri Shivaji Science and Arts College,Chikhli,Dist.Buldana. The second lecture delivered by the Shri. Shinde Saheb, Taluka Agriculture Officer, Chikhli Dist Buldhana. He delivered lecture on Government Scheme; in that he focusses on all areas of government scheme The Government of India encourages farmers in taking up projects in select areas by subsidizing a portion of the total project cost. All these projects aim at enhancing capital investment, sustained income flow and employment areas of national importance.

Vote of thanks given by the Dr. S.S.Gaikwad and end of the fourth day of the course.

Day 5: Saturday

25/09/2021

Lecture 1:

11:00 -12:30

Introduction of the resource person given by the Dr.S.M.Kalakhe, Head of department of Economics Shri Shivaji Science and Arts College,Chikhli,Dist.Buldana. The first lecture is delivered by the Prof. Dr. Vikas Jadhav, Head and Senior Scientist, Krishi Vigyan Kendra, Buldana. He explained about Technological Development,Smart farming that uses modern digital technologies such as sensors, location data derived from GPS and satellites, robotics and analytics is changing the face of agriculture in India. new tillage and harvesting equipment, irrigation and air seeding technology, all leading to higher yields and improved quality of the food and fibre that was grown.

Lecture 1:

12:30 -02:00

Introduction of the resource person given by the Dr.S.M.Kalakhe, Head of department of Economics. The first lecture is delivered by the Shri. Avinash Jogdand,Bhumi Agri Tourism,Amkheda,Dist.Washim, he delivered a lecture on Agri Tourism, detailed explained about the concept of Agri Tourism ,Agritourism concept basically travel organized around farming, small-scale food production or animal husbandry. Visiting a working farm or ranch for the purpose of enjoyment and education are key parts of this often-rural experience and given the demo of virtual tour of their Tourism spot Bhumi Agri Tourism.

Vote of thanks given by the Dr. S.S. Gaikwad and end of the fifth day of the course.

Day 6: Sunday

26/09/2021

11:00 -12:30

Introduction of the resource person given by the Dr.S.M.Kalakhe, Head of department of Economics. The first lecture is delivered by the Shri. Amol Sathe,Agricultural Experts, National Practitioners,Vairagad Ta. Chikhali Dist Buldhana. He explained about GDP and Agri Development, Agriculture is an important sector of Indian economy as it contributes about 17% to the total GDP and provides employment to over 60% of the population. The resilience

Lecture2:

12:30-02:00

Introduction of the resource person given by the Dr.S.M.Kalakhe, Head of department of Economics Shri Shivaji Science and Arts College,Chikhli,Dist.Buldana. The second lecture delivered by the Shri. Shinde Saheb, Taluka Agriculture Officer, Chikhli Dist Buldhana. He delivered lecture on Government Scheme; in that he focusses on all areas of government scheme The Government of India encourages farmers in taking up projects in select areas by subsidizing a portion of the total project cost. All these projects aim at enhancing capital investment, sustained income flow and employment areas of national importance.

Vote of thanks given by the Dr. S.S.Gaikwad and end of the fourth day of the course.

Day 5: Saturday

25/09/2021

Lecture 1:

11:00 -12:30

Introduction of the resource person given by the Dr.S.M.Kalakhe, Head of department of Economics Shri Shivaji Science and Arts College,Chikhli,Dist.Buldana. The first lecture is delivered by the Prof. Dr. Vikas Jadhav, Head and Senior Scientist, Krishi Vigyan Kendra, Buldana. He explained about Technological Development,Smart farming that uses modern digital technologies such as sensors, location data derived from GPS and satellites, robotics and analytics is changing the face of agriculture in India. new tillage and harvesting equipment, irrigation and air seeding technology, all leading to higher yields and improved quality of the food and fibre that was grown.

Lecture 1:

12:30 -02:00

Introduction of the resource person given by the Dr.S.M.Kalakhe, Head of department of Economics. The first lecture is delivered by the Shri. Avinash Jogdand,Bhumi Agri Tourism,Amkheda,Dist.Washim, he delivered a lecture on Agri Tourism, detailed explained about the concept of Agri Tourism ,Agritourism concept basically travel organized around farming, small-scale food production or animal husbandry. Visiting a working farm or ranch for the purpose of enjoyment and education are key parts of this often-rural experience and given the demo of virtual tour of their Tourism spot Bhumi Agri Tourism.

Vote of thanks given by the Dr. S.S. Gaikwad and end of the fifth day of the course.

Day 6: Sunday

26/09/2021

11:00 -12:30

Introduction of the resource person given by the Dr.S.M.Kalakhe, Head of department of Economics. The first lecture is delivered by the Shri. Amol Sathe,Agricultural Experts, National Practitioners,Vairagad Ta. Chikhali Dist Buldhana. He explained about GDP and Agri Development, Agriculture is an important sector of Indian economy as it contributes about 17% to the total GDP and provides employment to over 60% of the population. The resilience

of the farming community in the face of adversities made agriculture the only sector to have clocked a positive growth of 3.4 per cent at constant prices in 2020-21, when other sectors slid. The growth in GVA (gross value added) of agriculture and allied sectors has been fluctuating over time. However, during 2020-21, while the GVA for the entire economy contracted by 7.2 per cent, growth in GVA for agriculture maintained a positive growth of 3.4 per cent," according to the survey.

The continuous supply of agricultural commodities, especially staples like rice, wheat, pulses and vegetables, also enabled food security.

Vote of thanks given by the Dr. S.S. Gaikwad and end of the sixthth day of the course.

Day 7: Monday

27/09/2021

11:00 -12:30

Introduction of the resource person given by the Dr.S.M.Kalakhe, Head of department of Economics, Shri Shivaji Science and Arts College,Chikhli,Dist.Buldana. The first lecture is delivered by the Shri. Vijay Ambhore,Goat Sheep Breeding Center,Sipora. Ta. Jafrabad Dist. Jalna. He explained detailed about the Goat form, Goats are among the main meat-producing animals in India, whose meat (chevon) is one of the choicest meats and has huge domestic demand. Due to its good economic prospects, goat rearing under intensive and semi-intensive system for commercial production has been gaining momentum for the past couple of years. High demand for goat and its products with potential of good economic returns have been deriving many progressive farmers, businessmen, professionals, ex-servicemen and educated youths to take up the goat enterprise on a commercial scale. The emerging favourable market conditions and easy accessibility to improved goat technologies are also catching the attention of entrepreneurs. A number of commercial goat farms have been established in different regions of the country.

Vote of thanks given by the Dr. S.S. Gaikwad and end of the seventh day of the course.

Day 8: Tuesday

28/09/2021

11:00 -12:30

Introduction of the resource person given by the Dr.Anuradha Mule, Assistant Professor department of Marathi,Shri Shivaji Science and Arts College,Chikhli,Dist.Buldana. The first lecture is delivered by the Shri Satish Sood Patil, Jijau Nursery, Dolakheda Ta. Jafrabad Dist. Jalna. He delivered the lecture on Nursery, he explain about the Nursery, is a place where plants are propagated and grown to a desired age. They include retail nurseries, which sell to the general public, wholesale nurseries, which sell only to businesses such as other nurseries and to commercial gardeners, and private nurseries, which supply the needs of institutions or private estates. Nurseries may supply plants for gardens, agriculture, forestry and conservation biology. Some of them specialize in one phase of the process: propagation, growing out, or retail sale; or in one type of plant: e.g., groundcovers, shade plants, or rock garden plants. Some produce bulk stock, whether seedlings or grafted, of particular varieties for purposes such as fruit trees for orchards, or timber trees for forestry. Some produce stock seasonally, ready in springtime for export to colder regions where propagation could not have been started so early, or to regions where seasonal pests prevent profitable growing early in the season.

Vote of thanks given by the Dr.S.M.Kalakhe, Head of department of Economics, Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana. and end of the eighth day of the course.

Day 9: Wednesday

29/09/2021

11:00 -12:30

Introduction of the resource person given by the Dr.S.M.Kalakhe, Head of department of Economics, Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana. The first lecture is delivered by the Prof. Dr. Sanjay Dandale, Member, Board of Economics Studies, Sant Gadge Baba Amravati University Amravati. He delivered the lecture on Milk Product /Marketing, he explains, an efficient milk marketing chain is one which enable farmers to receive at least 50% of the retail price of milk. The price of a product in the market is an important factor influencing consumer demand, also he focusses on when marketing a dairy product, the most important aspect of your strategy is determining your competition and audience. By establishing these parameters, you can decide what aspect of your dairy business to highlight and where will be the most effective place to advertise to capture your target audience.

Vote of thanks given by the Dr.S.M.Kalakhe, Head of department of Economics, Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana. and end of the ninth day of the course.

Day 10: Thursday

30/09/2021

Lecture 1:

11:00 -12:30

Introduction of the resource person given by the Prof. Dr. Ganesh Malte, Head of department of Marathi, Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana. The first lecture is delivered by Dr. Rameshwar Bhise, Principal, Shri Shivaji College Akola. He delivers a lecture on Agricultural Entrepreneurship, in his lecture he focuses on agriculture-based education, providing suitable environment for that. Point out the investment strategy and also he provided information on these area Dairy Entrepreneurship Development Scheme, Commercial production units of organic inputs, Agri clinic and Agribusiness Centres Scheme, National Livestock Mission, GSS - Ensuring End Use of Subsidy Released, Interest subvention Scheme, New Agricultural Marketing Infrastructure.

Lecture 2:

12:30 -02:00

Introduction of the resource person given by the Dr.S.M.Kalakhe, Head of department of Economics, Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana. The second lecture is delivered by Shri Prakash Kundlik Suroshe, Vasantrya Naik Shetnist Shetkari Award, Government of Maharashtra. At. Shelgaon Atol Ta. Chikhali, He is expert in agriculture entrepreneur. He guided the student about the agriculture entrepreneur, motivate students in this field. Solve queries about the agriculture industry, government scheme.

Vote of thanks given by the Dr.S.M.Kalakhe, Head of department of Economics, Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana. and end of the tenth day of the course.

On the last day of the online course, The online exam was conducted at 2:30-4:30 for the online course of 40 marks and out of 40 students all students are passed the exam and received the certificates of the course.

This online course was responded spontaneously by B.A. students. For the success of this online course, Prof.Dr. Ganesh Malte, Prof.Dr. Jagdev Jadhav, Prof.Dr. Imtihak Jukkalkar, Prof.Dr. Vishnu Padwal, Prof.Dr. Anuradha Mule, Dr. Dhananjay Bhoyar, Prof. Mukund Kolte, Prof. Dilip Gawande and Dr. Sonali Gaikwad, working hard for it.



Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College
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Certificate Course on Agricultural based Entrepreneurship Development

(From 21 to 30 September)

Organized by

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This is to certify that Mr./MS. Ku. Bhagyashri vilas khare from Shri shivaji sci&Art's college chikhli has successfully completed the **Certificate Course on Agricultural based Entrepreneurship Development** during on 21/09/2021 to 30/09/2021. Organized by Department of Economics, Shri Shivaji Science & Arts College, Chikhli, Dist. Buldana.

Dr. S.M. Kalakhe

Coordinator

Dr. V. U. Pochhi

IQAC Coordinator

Dr. O.S. Deshmukh

Principal

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Criterion – I- Curricular Aspects [QnM – 1.2.2]

Timestamp	Email Address	Name	Name of the Institute/Univ City	Designation	Class	Mobile No
9/19/2021 21:28:11	pavanimbalkar@gmail.com	Pawan janardhan nimbalkar	Shri shivaji science and a Chikhli	Student	B.A. 2nd year	7507022090
9/19/2021 21:36:16	mahadevkoigade143@gmail.com	Mahadeo walmik koigade	Shri Shivaji science and a Dhokra bhangoji	Student	B.A. 1st year	9022680774
9/19/2021 21:49:18	vaishnavishingne14@gmail.com	Vaishnavi Devidas shingne	Shri shivaji amravati univ Chikhli	Student	B.Com 1st year	9028606406
9/19/2021 21:51:01	aasamashah219@gmail.com	Aasamabi Kalim shaha	Shri Shivaji Science And / Chikhali	Student	B.A. 1st year	7758982219
9/19/2021 22:14:05	gaytrihoge111@gmail.com	Gayatri Raju Hoge	Amravati	Student	B.Sc. 2nd year	9373096413
9/19/2021 22:23:37	riyahanirivale@gmail.com	Riyana Subhan Hirivale	Amravati	Student	B.A. 1st year	7086575536
9/19/2021 22:47:50	bhagyasrikhare90@gmail.com	Bhagyasri vilas khare	Shri shivaji Amravati Instti Chikhli	Student	B.A. 1st year	7447419688
9/19/2021 23:21:55	dattagadhve1826@gmail.com	Ottatraya Pandhari Gadhi	Shri Shivaji Science and / Chikhali	Student	B.A. 3rd year	7875028401
9/20/2021 5:05:57	vaishnavighube2003@gmail.com	Vaishnavi Gajanan Ghube	Sant Gadge Baba univrs Chikhali	Student	B.A. 1st year	8623888519
9/20/2021 5:59:59	nikitadukre250302@gmail.com	Nikita baban dukre	Shree Shivaji science anc Chikhli	Student	B.A. 1st year	9322461398
9/20/2021 7:36:23	meghamangulkar02@gmail.com	Megha vishnu mangulkar	Amravati	Student	B.Sc. 1st year	7020421458
9/20/2021 7:37:43	nehadukre2@gmail.com	Neha Baban dukre	Shree Shivaji science anc Chikhli	Associate Professor	B.A. 1st year	9579214690
9/20/2021 7:52:13	chakotesaurabh286@gmail.com	Saurabh Vijay Chakote	Shri Shivaji Science & Art Chikhali	Student	B.A. 1st year	9067832633
9/20/2021 8:18:07	ss1001041@gmail.com	Saurabh Shrikishna Shin	Shri Shivrati Art and Scien Chikhli		B.A. 3rd year	7517266344
9/20/2021 9:04:02	akankashabedarkar@gmail.com	Akanksha Mahavir Bedarkar	Shree Shivaji Science anc Chikhali	Student	B.A. 1st year	8459954241
9/20/2021 10:10:06	sheikhafsar666@gmail.com	Sheikh afsar sheikh jafar	Sant gadge baba amravti Chikh 443201	Student	B.A. 3rd year	7558383669
9/20/2021 10:46:25	pralhadgadegade@gmail.com	Nikita Pralhad Gade,	Sant Gadge baba univrs Chikhali	Student	B.A. 1st year	9359403397
9/20/2021 11:37:15	khareanil570@gmail.com	Anil ganesh khare	sri shivaji science&art coll chikhali	Student	B.A. 1st year	7387987543
9/20/2021 11:58:04	shelkenilesh220@gmail.com	Jaysree Mahadev Jadhav	Amravati	Student	B.Com 1st year	9146988076
9/20/2021 13:10:34	sagaryeole38@gmail.com	Sandhya parameshwar ye	Amravati	Student	B.Com 1st year	9022379002
9/20/2021 13:12:19	vaishnavikharat182@gmail.com	Vaishnavi sunil kharat	Amravati	Student	B.A. 3rd year	8378939640
9/20/2021 13:15:53	priyankamorey06@gmail.com	Priyanka Sanjay More	Amravati	Student	B.Sc. 3rd year	9172185630
9/20/2021 13:15:57	rutujavdalal@gmail.com	Rutuja Vijay Dalal	Shree shivaji Sr college o Buldhana	Student	B.Sc. 1st year	9156676084
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9/20/2021 14:50:36	jadhaorutuja7744@gmail.com	Rutuja ravindra jadhaor	Amravati	Student	B.A. 3rd year	7744956732
9/20/2021 15:33:50	chavanpruthviraj653@gmail.com	Pruthviraj Bondusing Chav	Shri Shivaji Science And / Chikhli	Student	B.A. 3rd year	8605312423
9/20/2021 17:52:30	jayajadhav017@gmail.com	Jaya Vijay Jadhav	Amravati	Student	B.A. 3rd year	9322972092
9/20/2021 19:36:35	vaishnavinangude@gmail.com	Vaishnavi Digambar Nanang	Buldhana	Student	B.A. 3rd year	8459150197
9/20/2021 19:46:15	anuradhakeskar2@gmail.com	Anuradha Gajanan keskar	Amravati	Student	B.A. 3rd year	9763723602
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9/20/2021 20:52:53	droundale@gmail.com	Dnyaneshwar Tukaram F	Amravati university	Student	B.Sc. 3rd year	9158254989
9/20/2021 20:59:30	vishalshakre263@gmail.com	Vishal Dhuraji Thakare	SantGadge Baba Amrava Sindkhed raja	Student	B.A. 2nd year	7666287254
9/20/2021 21:00:38	shitalchavan0611200@gmail.com	Shital chavhan	M. S. P art, sci & K. P. T c Manora	Student	B.Sc. 2nd year	8010439421
9/20/2021 21:05:19	prtidahake427@gmail.com	Ku.Prtti Hanuman Dahake	Shri Shivaji Sinior Chikhali Chikhali	Student	B.Sc. 1st year	8767049384
9/20/2021 21:07:44	rajubade2@gmail.com	Raju Bade	Shri Shivaji Science and / Chikhli			9226269191
9/20/2021 21:12:53	bhutekarkalyani@gmail.com	Ku Kalyani Vijay Bhutekai	Shri Shivaji Science and / Chikhali	Student	B.Sc. 2nd year	9325398303

Criterion – I- Curricular Aspects [QnM – 1.2.2]

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9/20/2021 21:23:20	kharatharshda123@gmail	Harshada Dattu kharat	Amaravati Chikhali	Student	B.A. 1st year	8767551688
9/20/2021 21:32:06	gedamrajesh1965@gmail	Rajesh Pandurangji Gedam	SGBAU Chikhali	Assistant Professor		7218393875
9/20/2021 21:37:25	sarafshrikant34@gmail.cc	Shrikant	Shri Shivaji science and a chikhli	Student	B.A. 2nd year	9421471077
9/20/2021 21:50:36	ashvini350@gmail.com	Ashvini Vijay ingle	Shivaji College chikhali Chikhali	Student	B.A. 3rd year	9322574461
9/20/2021 21:51:20	shalinikatole@gmail.com	Prof. Shalini A. Katole	Shri Shivaji Science & Ar Chikhli	Associate Professor		7066590850
9/20/2021 21:56:02	snehalkatkar144@gmail.c	Snehal Anil katkar	Shri Shivaji science and ; Chikhli	Student	B.A. 3rd year	9325389176
9/20/2021 22:24:04	vkasawat@gmail.com	Ku.Vaishnavi Kisan Aswal	Sant gadge baba Univars Warwat Bakal	Student	B.Sc. 1st year	9975898072
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9/20/2021 23:59:35	sachin.kokode01@gmail.i	Prof. Sachin Kokode	Shri Shivaji Sci. & Arts Cc Chikhli	Assistant Professor		7350474708
9/21/2021 7:10:46	mahendrakhillare2001@	Mahendra Samadhan	Ki Shri Shivaji Arts & Scienc Chikhali	Student	B.A. 2nd year	8458253608
9/21/2021 7:16:51	sapna.gawai123@gmail.c	Dr.Mrs.Sapna Ashish Nan	S.G.B.Amaravati Universi Buldana			9764746448
9/21/2021 7:59:53	kailaspatil7931@gmail.co	Vaishnavi kailas korde	S.p.m.t.m. arts and comm Chikhli	Student	B.Com 1st year	9657854467
9/21/2021 9:54:59	shahinnaurangabadi320	Shahin Mehboob Nauran	Shri shivaji science and a Chikhli	Student	B.A. 1st year	9028605894
9/21/2021 10:08:57	lokeshmory0025@gmail	Morey Lkesh Harihar	Shri Shivaji science and a CHIKHALI	Student	B.Sc. 3rd year	8080722388
9/21/2021 10:16:45	saurabhkuchekar72@gm	Saurabh Sadashiv Kuche	Arts & commerce college Palsoda	Student	B.Sc. 1st year	9021443542
9/21/2021 10:24:18	tushargpatil7634@gmail.i	Tushar	Art's And Commerce Coll Sangrampur	Student	B.Sc. 1st year	09545069254
9/21/2021 10:31:24	arakhganesh149@gmail.i	Ganesh Namdeo Arakh	Shri Shivaji Science and / Gangalgaon	Student	B.A. 3rd year	8261914889
9/21/2021 10:42:46	jayshripungat125@gmail.c	Jayshri Nandu Pungati	Modern college ganeshkh Pune	Student	B.Sc. 2nd year	9423135867
9/21/2021 10:50:50	vaishnavibundhe6847@g	Vaishnavi Kailas Bundhe	Shri Shivaji Science and / Chikhali	Student	B.Sc. 3rd year	7218763902
9/21/2021 10:56:53	ganeshsonone001@gmai	Ganesh Santosh Sonone	Shri shivaji arts and scien Chikhli	Student	B.Sc. 2nd year	9370202931
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9/21/2021 11:25:35	mohammadusama1301@	Mohammad Usama shafi	Shri vyankatesh college d Deulgaon raja	Student	B.Sc. 2nd year	8180054260
9/21/2021 11:26:20	anilpmohod1973@gmail.i	Anil panjabrao Mohod	Shri shivaji science and a Chikhli		B.A. 3rd year	9923052874
9/21/2021 11:29:57	rashidqu@gmail.com	Abdul Rashid Abdul Latif	Shri Shivaji Science And / Chikhli		B.A. 3rd year	9860570230
9/21/2021 11:38:19	dilipmahajan1969@gmail	Dr.Dilip Pandurang Mahaj	S.P.M.Tatyasaheb Mahaj Chikhli	Professor	B.A. 3rd year	9420182128
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9/21/2021 12:10:56	vaibhavgunjawale18@gm	Vaibhav Gunjawale	Vasantrao naik agricultur JINTUR	Student	B.Sc. 1st year	7798827812
9/21/2021 12:13:02	shubhkale1212@gmail.cc	Kale Shubham Munaji	VKMC PARBHANI		B.Sc. 1st year	9623626431
9/21/2021 12:15:09	gajanandgarud1212@gm	Gajanan Diliprao Garud	Agriculture college of selu Selu	Student	B.Sc. 1st year	9657543156
9/21/2021 12:17:57	sasepavan69@gmail.com	Sase pavan kailas	Agriculture college selu Selu	Student	B.Sc. 1st year	8262919764
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9/21/2021 12:21:04	rathodshubham6342@gm	Rathod Shubham Madhav	Vnmkyparbhani Parbhani	Student	B.Sc. 1st year	9764691187
9/21/2021 12:24:50	aniketbhagwat1440@gm	Aniket Rustum Bhagwat	College of agriculture sek Bramhanwadi	Student	B.Sc. 1st year	7620434370
9/21/2021 12:25:14	kishupatil777@gmail.com	Krushna raghunath jadhav	BCOA agriculture college Parbhani	Student	B.Sc. 1st year	9021313589
9/21/2021 12:27:00	adityadhamal1710@gmai	Aditya madhukar dhamal	Vasantrao Naik krushi vid Satara	Student	B.Sc. 1st year	8459723971

Criterion – I- Curricular Aspects [QnM – 1.2.2]

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9/21/2021 12:42:08	kalyanipratmwar2@gmail.com	Kalyani Sanjay Tiparmwa	Bordikar college of shelu Shelu, parbhani	Student		9673195569
9/21/2021 12:42:19	miteram511@gmail.com	Mithe Ram Rajesh	Vasantrao Naik krushi vid Selu	Student	B.Sc. 1st year	9370848096
9/21/2021 12:43:59	yogeshjangid24940@gmail.com	Yogesh bajranglal jangid	Bordikar college of agricu Selu	Student	B.Sc. 1st year	9373998117
9/21/2021 12:47:35	jawaleap090602@gmail.com	JAWALE ANIKET PRASA	Vasantrao naik krushi Vid Parbhani	Student	B.Sc. 1st year	9637547954
9/21/2021 12:52:43	meenankam66@gmail.com	Dr.Meena Trimbak Nikam	Shri Shivaji Science and / Chikhli	Professor		9890844050
9/21/2021 12:57:31	gayakwadpradip127@gmail.com	Gayakwad Pradip Dnyani	Collage of agriculture sek Parbhani	Student	B.Sc. 1st year	8390528830
9/21/2021 12:59:36	narayanataurpatil@gmail.com	Taur Narayan Parmeshw	Bordikar college of agricu Majalgaon	Student	B.Sc. 1st year	8788644135
9/21/2021 13:42:23	priyankaawhad2020@gmail.com	Awhad priyanka balasahe	V.N.M.K.V parbhani	Student	B.A. 1st year	8010328233
9/21/2021 14:23:51	ijagtap@394gmail.com	Jay mahadev jagtap	Jay	Student	B.A. 2nd year	9172037131
9/21/2021 14:45:22	hrushikalyankar17@gmail.com	Kalyankar hrushikesh sar	Bordikar college of agricu Selu	Student	B.Sc. 1st year	9579049909
9/21/2021 14:45:32	shrinnathgutte70@gmail.com	Gutte Shrinath Balaji	College of agriculture sek Selu	Student	B.Sc. 1st year	8669370050
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9/21/2021 19:06:30	shubhampawar762002@gmail.com	Shankar R pawar	Amravati	Student	B.A. 1st year	7666550191
9/22/2021 8:51:02	santoshsalve9075@gmail.com	Santosh Bharat salve	SREE Shivaji science anc Chikhli	Student	B.A. 2nd year	9075574272
9/22/2021 10:58:35	ptheng2@gmail.com	Priyanka Dnyaneshwar Ti	Shri Shivaji science and a Chikhali	Student	B.Com 1st year	07387482729
9/22/2021 11:01:15	namusalve0101@gmail.com	Neha vinod salve	Amravati	Student	B.A. 1st year	8308890694
9/23/2021 12:35:32	borikarsharvani@gmail.com	Borikar Sharvani Vishnu	V. N. M. K. V Parbhani	Student	B.Sc. 1st year	8275092005
9/24/2021 7:38:42	vpm18211621@gmail.com	Nikita Prakash Mhaske	Amravati	Student	B.Com. 2nd year	8459468296
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9/24/2021 21:44:06	joshakhare123@gmail.com	JOTSHNA VINAYAKRAO	Amravati	Student	B.Sc. 3rd year	9623060987
9/24/2021 21:45:12	ajinkyap007@gmail.com	Ajinkya Pisal	College of Agriculture, Amravati	Assistant Professor		09960080077
9/24/2021 21:52:46	aishwaryavipinbade12@gmail.com	Aishwarya Vipin Bobade	Amravati	Student	B.Sc. 3rd year	8669650995
9/25/2021 11:06:25	harshadajadhao630@gmail.com	Harshada Vasantha jadhav	Amravati	Student	B.Com. 2nd year	9067914067
9/25/2021 11:13:55	vishalpratapthorat@gmail.com	Vishal Pratap Thorat	Shri Shivaji Science And / Buldana	Student	B.A. 1st year	9607730407
9/25/2021 15:51:02	sablev529@gmail.com	Vijay Sanjay sable	Amravati	Student	B.A. 1st year	9763323566
9/26/2021 10:58:20	vaishali8306301729@gmail.com	Vaishali Ambadas Jadhav	Shri Shivaji science and a Chikhli	Student	B.A. 2nd year	8767910613
9/26/2021 11:08:06	mayahadha01121@gmail.com	Maya sahebrao jadhao	Amravati	Student	B.A. 2nd year	9112201613
9/26/2021 11:10:17	gaaurikharat2021@gmail.com	Gauri santosh kharat	Shree shivaji collage chiki Chikhli	Student	B.A. 1st year	9356892274
9/26/2021 11:13:05	pgauri480@gmail.com	Gauri Gajanan Patil	Shri shivaji senior collage Chikhli Buldhana	Student	B.A. 1st year	9921878499
9/26/2021 12:01:11	ajadhacashay@gmail.com	Akshay Ramdas Jadhao	Amravati university	Student	B.A. 2nd year	8788625591
9/27/2021 12:24:36	laxmisagat1@gmail.com	Laxmi Raju Sagat	BA 3 years	Student	B.A. 3rd year	7499827842
9/28/2021 11:49:09	latekamal831@gmail.com	Ku. shruti shrikrishna late	Shri Shivaji Art and scienc Chikhali	Student	B.A. 2nd year	8421257684
9/28/2021 16:52:00	shubhamkalange97737@gmail.com	Shubhamkalange	Chikhli	Student	B.A. 1st year	8080492916
9/28/2021 21:36:29	vikas.sawant51@gmail.com	Dr.Vikas pralhadrao sawa	Dr Haribhau Admane arts Saoner(Nagpur)	Assistant Professor		7798857421
9/29/2021 5:44:39	sarita2670@gmail.com	Dr. Sarita karangutkar	VMV commerce JMT Arts Nagpur	Assistant Professor	B.Com 1st year	09823352670
9/30/2021 11:57:48	sruishtishelke26@gmail.com	Sruishi Dilip Shelke	Shri Shivaji Science and / Isoli	Student	B.Sc. 2nd year	9921264312
9/30/2021 15:07:53	vishnuugale101@gmail.com	Vishnu Bhanudas Ugale	Shri Shivaji Science and / Buldana	Student	B.Sc. 3rd year	07066588730

Criterion – I- Curricular Aspects [QnM – 1.2.2]

Timestamp	Email Address	Name	Name of the Institute/Univ City	Designation	Class	Mobile No
9/30/2021 19:40:56	fulmantebhagwat@gmail	Dr. Fulmante Bhagwat M	Sanjeevanee Mahavidyal Chapoli	Assistant Professor		9422658649





Shri Shivaji Education Society Amravati's
SHRI SHIVAJI SCIENCE AND ARTS COLLEGE
Chikhli Dist. Buldana. 443201.



Department of Economics organized
(Certificate course on Agri based Entrepreneurship Development)
From 21 to 30 September 2021 (11 am to 2 pm)

We are cordially invites you
Valedictory Function on
30 September 2021 at 10.00 am



Prof. Dr. Sonali Gaiwad
Technical Support.



Prof. Dr. Jagdev Jadhao
NAAC Co-ordinator

Organising Committee



Prof. Dr. Sunita Kalakhe (Convenor)
Prof. Dr. Ganesh Malte
Prof. Dr. Imtiah Jukkalkar

Prof. Dr. Vanita Pochhi
Prof. Dr. Vishnu Padwal
Prof. Dr. Anuradha Muley

Chief Guest



Shri. Prakash K. Surushe
Vasantrao Naik Krushibhushan
Awardee
At. Shelgaon Ta. Chikhli

Speaker



Dr. Rameshwar Bhise
Principal,
Shri Shivaji College
Akola.

Patron



Shri. Harshwardhan P. Deshmukh
Ex. Minister of Agriculture,
Govt. of Maharashtra and President,
Shri Shivaji Education Society,
Amravati.

Convenor



Dr. Sunita Kalakhe
Convenor and Head
Economics Department

Organizer



Dr. Vanita Pochhi
Coordinator - IQAC

Organizer & Chairman of Function



Dr. Omraj S. Deshmukh
Principal,

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About the College

The science college is established in 1967 to serve ever growing educational needs of the society. Dr. Panjabrao Deshmukh and Dalitmitra Pandharinath Patil come together under the banner of Shri Shivaji Education Society, Amravati. Adv. R. D. Bhonde 'Sarkar' and Dalitmitra Santoshrao Patil along with other socio-political leader helped a lot to establish this institution. The farmers also contributed in this holy and sacred tasks. It has upgraded itself with the introduction of Arts Faculty at UG level in 1971, Commerce at UG level in 1989 and PG in Commerce in 2009, PG in Science and Arts in 2010. English medium UG commerce has started in 2011. Also added research degrees program like M.Phil. and Ph.D. in Science and Commerce. YCMOU centre is also established in 2012.

Preface

The first agriculture minister of independent India, Dr. Panjabrao Deshmukh marked the beginning of progress in the field of agriculture for making India self-sufficient in food grains and for India's economic development. In the field of agriculture, land reform, construction of canals and dams. Irrigation facilities were constructed by constructing large dams, factories for production of seed fertilizers and pesticides were set up, agricultural colleges and universities were set up across the country to place more emphasis on agricultural training and research, modern laboratories were set up for research. He had set up the Agricultural Produce Market Committee (APMC) to ensure that farmers' goods get a fair market price. The use of modern technology in agriculture to create agri-entrepreneurs, by organizing agricultural demonstrations of new technologies, machinery, livestock, etc., by showing the general farmers the idea of new experiments, shows that the agricultural sector and farmers have been greatly developed. It is because of their work at the country and state level that agriculture has developed today. The country has become self-sufficient in food grains and fruits, vegetables and milk products are being exported in large quantities. This is the work of the late Dr. Panjabrao Alias Bhausaheb Deshmukh. As part of their work, the training program is aimed at developing entrepreneurship among students and farmers, interviewing agri-entrepreneurs who are making progress by setting up agro-based industries at the local level and imparting guidance to others. Former Minister of Agriculture and Tourism of the State of Maharashtra and President of Shri Shivaji Education Society, Amravati, Hon'ble Shri. Harshwardhan Pratapsinh Deshmukh came up with the concept. The following training programs will be conducted under the guidance of Principal Dr. Omraj Deshmukh and Dr. Vanita Pochhi Head, (IQAC).

Objectives of Entrepreneurship Development Course (EDC) :

This programme aims to help, guide, support selected generation entrepreneurs to:

1. To Search noble farmers who have develop entrepreneurship in Agriculture.
2. To know local people can get awards in Agricultural sector.
3. To avoid farmer suicide, Strengthen their entrepreneurial abilities / motivation.
4. Understand the process & procedure of setting up of small / medium agricultural related industry / business.
5. Acquire the management skills to manage the unit.
6. To try to fulfill the dream of 1st Agricultural Minister Dr. Panjabrao Deshmukh and Member of Parliament Shri. Pandharinath Patil of agriculture and social development by creating entrepreneurship in agriculture.
7. Through the agri-entrepreneur program, education is for social development. To fulfill the goal of this Shri Shivaji Education Society Amravati.

Schedule of Programme

Sr. No.	Date	Name of Resource Person	Topic
01	21.09.2021	Prof. Dr. Surendra G. Kalbande , Registrar, Dr. Panjabrao Deshmukh Agricultural University, Akola.	Agricultural Entrepreneurship
02	22.09.2021	Prof. Dr. Santosh Kute , Chairman, Board of Economics Studies, Sant Gadge Baba Amravati University Amravati. Shri. Pandharinath Yashwant Gunjkar , Adarsh Shetkari Udyojak Award winning entrepreneur, Yashwant Krishi Udyog, Undri Ta. Chikhali Dist. Buldhana. Prof. Vijay Wakode , SPM Tatyasaheb Mahajan College, Chikhli Dist. Buldana.	Agri Engineering Management Poultry farm
03	23.09.2021	Shri. Sachin Deshmukh , Turneric Processing Industry, Agricultural Production Company, Chikhali Dist. Buldhana. Prof. Darshana More , K. K. Wagh Horticultural College, Nashik.	Processing industry Nursery Management
04	24.09.2021	Shri. Balasaheb Kadam , Cultivation and sale of Medicinal Plants Farmers Producer Company, Nivla (Bazar) Hadgaon Dist. Nanded. Shri. Amol Shinde , Taluka Agriculture Officer, Chikhli Dist. Buldhana.	Medicinal Plants Government Scheme
05	25.09.2021	Prof. Dr. Vikas Jadhav , Head and Senior Scientists, Krishi Vigyan Kendra, Buldana. Shri. Avinash Jogdand , Bhumi Agri Tourism, Agricultural College, Amkheda. Ta. Malegaon Dist. Washim.	Technological Development Agri Tourism
06	26.09.2021	Shri. Amol Sathe , Agricultural Experts, National Practitioners, Vairgad Ta. Chikhali Dist. Buldhana. Prof. Umesh Suryavanshi , College of Fisheries, Maharashtra University of Animal and Fisheries Sciences, Nagpur.	GDP and Agri Development Shet tale / Fishery
07	27.09.2021	Shri. Vijay Ambhore , Goat Sheep Breeding Center, Sipora. Ta. Jafrabad Dist. Jalna. Shri. Atul Kharode , Taluka Agricultural Technology Officer, Chikhali Dist. Buldhana.	Goat Form Government Scheme
08	28.09.2021	Shri. Satish Sod Patil , Jijau Nursery, Dolakheda Ta. Jafrabad Dist. Jalna. Shri. Ram Singh Pawar , Farmer Anchorwadi, ta. Chikhli, Dist. Buldhana.	Nursery Shade Net
09	29.09.2021	Shri. Purneshottam Hade , Dairy Producers and Marketing, Chikhli Dist. Buldhana. Prof. Dr. Sanjay Dandade , Member of faculty, Board of Economics Studies, Sant Gadge Baba Amravati University Amravati.	Milk Product / Marketing Indian Agricultural
10	30.09.2021	Shri. Prakash Kundlik Surushe Vasantrao Naik Krushibhushan Award, Government of Maharashtra. At. Shelgaon (Atol) Ta. Chikhli Dr. Rameshwar Bhise , Principal, Shri Shivaji College Akola.	Fruits Exports Agricultural Entrepreneurship





श्री शिवाजी शिक्षण संस्था अमरावती द्वारा संचालित,
श्री शिवाजी विज्ञान व कला महाविद्यालय
 दलितमित्र पंढरीनाथ पाटील पथ, शिवाजीनगर,
 चिखली जि. बुलढाणा.
 अर्थशास्त्र विभाग द्वारा आयोजित
कृषी आधारित उद्योजक विकास प्रमाणपत्र अभ्यासक्रम
(Certificate course on Agri based Entrepreneurship Development)

व्याख्यानसत्र : दि. २१ ते ३० सप्टेंबर २०२१.
 उद्घाटन समारंभ : दि. २१/०९/२०२१
 वेळ : सकाळी ११.०० वा.





संयोजन समिती



मार्गदर्शक



प्रा.डॉ. वनिता पोच्छी
समन्वयक IQAC



प्रा.डॉ. ज्योतेश भाळे
प्रा.डॉ. इन्सिहास नुक्कलकर
प्रा.डॉ. सोमलाल गायकवाड
मोबा. ९६०७४५५२७३



प्रा.डॉ. विणू पडवाल
प्रा.डॉ. अनुराधा मुळे



प्रा.डॉ. जयदेव जाधव
प्रा.डॉ. सुनिता कलाखे
संयोजक मोबा. ९०३०४३०७६६



प्रा.डॉ. ज्योतेश भाळे
कुलसचिव
डॉ.पंजाबराव देशमुख कृषी विद्यापीठ
अकोला
संयोजक



प्रा.डॉ. संतोष कुटे
अध्यक्ष, अर्थशास्त्र अभ्यास मंडळ
संत गाडगेबाबा अमरावती विद्यापीठ
अमरावती



मा.श्री. भैरवसाहेब उपासक
हर्षवर्धन प्र. देशमुख
माजी कृषी मंत्री तथा अध्यक्ष,
श्री शिवाजी शिक्षण संस्था, अमरावती
कार्यक्रमाचे अध्यक्ष



प्रा.डॉ. सुनिता कलाखे
अर्थशास्त्र विभाग प्रमुख
श्री शिवाजी विज्ञान व कला महाविद्यालय
चिखली, जि. बुलढाणा
[Registration form link](#)



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डॉ. ओमप्राज देशमुख
प्राचार्य,
श्री शिवाजी विज्ञान व कला महाविद्यालय
चिखली, जि. बुलढाणा
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प्रस्तावना:

स्वतंत्र भारताचे पहिले कृषिमंत्री डॉ. पंजाबराव देशमुख यांनी भारत अन्नधान्यात स्वयंपूर्ण बनवण्यासाठी आणि भारताचा आर्थिक विकास होण्यासाठी शेती क्षेत्रामध्ये प्रगतीची मुहूर्तमेढ रोवली.

शेती क्षेत्रात, भूमी सुधारणा, कालवे बांधण्याची निर्मिती केली. मोठ्या धरणाच्या निर्मिती करून जलसिंचनाची सोय निर्माण केली. बियाणे खते आणि कीटकनाशके यांची निर्मिती कारखाने उभारलेत, कृषी प्रशिक्षण आणि संशोधन यावर अधिक भर देण्यासाठी देशभरात कृषी महाविद्यालय आणि विद्यापीठांची स्थापना केली, संशोधनासाठी अद्यावत प्रयोगशाळेची निर्मिती केली होती. शेतकऱ्यांच्या मालाला योग्य बाजारभाव मिळवा यासाठी हक्काची बाजारपेठ म्हणजे कृषी उत्पन्न बाजार समितीची निर्मिती त्यांनी केली होती.

शेतकरी उद्योजक निर्माण करण्यासाठी शेतीमध्ये आधुनिक तंत्रज्ञानाचा वापर करणे, नवनवीन तंत्रज्ञान, यंत्रे पशुधन इत्यादींचे कृषी प्रदर्शन आयोजन करून, सामान्य शेतकऱ्यांना नवनवीन प्रयोगाची कल्पना करून देऊन शेती क्षेत्राचा आणि शेतकऱ्यांचा मोठ्या प्रमाणात विकास केल्याचे दिसून येते. त्यांच्या देश आणि राज्य पातळीवरील कार्यामुळेच आज जो शेतीचा विकास झाला आहे. देश अन्नधान्यात स्वयंपूर्ण होऊन, फळे, भाजीपाला, दूध उत्पादन मोठ्या प्रमाणात निर्यात होत आहे. यामागे स्वर्गीय पंजाबराव देशमुख यांचे कार्य आहे. त्यांच्या कार्याचा एक भाग म्हणून विद्यार्थ्यांमध्ये आणि शेतकऱ्यांमध्ये उद्योजकता विकास होण्याच्या दृष्टीने, स्थानिक पातळीवरील शेतीपूरक उद्योगाची स्थापना करून प्रगती करणाऱ्या शेतकरी उद्योजकांची मुलाखत घेणे आणि मार्गदर्शनाचा लाभ इतरांना देण्याच्या उद्देशाने हा प्रशिक्षण कार्यक्रम तयार करण्यात आला आहे.

महाराष्ट्र राज्याचे माजी कृषी आणि पर्यटन मंत्री आणि श्री शिवाजी शिक्षण संस्था अमरावती चे अध्यक्ष भैरवसाहेब उपासक, हर्षवर्धन देशमुख यांच्या संकल्पनेतून महाविद्यालयाचे प्राचार्य डॉ. ओमप्राज देशमुख आणि अंतर्गत गुणवत्ता मूल्यमापन केंद्राच्या डॉ वनिता पोच्छी यांच्या मार्गदर्शनात खालील प्रशिक्षण कार्यक्रम घेण्याचे ठरले आहे.

उद्देश:

उद्योजकता विकास कार्यक्रम (ईडीपी) या कार्यक्रमाचे उद्दिष्ट विद्यार्थ्यां मधील, उद्योजक जागृत करून उद्योजकांना मदत करणे, मार्गदर्शन करणे, सहाय्य करणे हे आहे:

१. कृषी क्षेत्रात उद्योजकता विकसित केलेल्या उदात्त शेतकऱ्यांचा शोध घेणे.
२. कृषी उद्योजक ते मध्ये स्थानिक शेतकऱ्याला पुरस्कार मिळू शकतात हे जाणून घेणे.
३. उत्सुक शेतकरी यशस्वी होण्यासाठी, त्यांच्या उद्योजक क्षमता / प्रेरणा मजबूत करणे.
४. छोट्या / मध्यम कृषी संबंधित उद्योग / व्यवसायाच्या स्थापनेची प्रक्रिया आणि प्रक्रिया समजून घेणे.
५. युनिट व्यवस्थापित करण्यासाठी व्यवस्थापन कौशल्ये मिळवणे.
६. शेतीमध्ये उद्योजकता निर्माण करून, कृषी आणि सामाजिक विकासाचे पहिले कृषी मंत्री डॉ.पंजाबराव देशमुख आणि पंढरीनाथ पाटील यांचे स्वप्न पूर्ण करण्याचा प्रयत्न करणे.
७. कृषी-उद्योजक या कार्यक्रमाद्वारे शिक्षण हे सामाजिक विकासासाठी आहे. या श्री शिवाजी एज्युकेशन सोसायटी अमरावतीच्या ध्येयाची परिपूर्ण करणे.

तज्ञ मार्गदर्शक-उद्योजक

प्रा.डॉ. सुंदर जी. काळवाडे

कुलसचिव,
डॉ. पंजाबराव देशमुख कृषी विद्यापीठ,
अकोला

श्री प्रकाश कुंडलिक सुरेशे

महाराष्ट्र शासन वसंतराव नाईक शेतीनिष्ठ
शेतकरी पुरस्कार प्राप्त,
रा. शेळगाव आटोळ ता. चिखली

श्री अविनाश जोगदंड

भूमी कृषी पर्यटन,
कृषी महाविद्यालय आमखेडा
ता. मालेगाव जि. वाशिम

श्री सचिन देशमुख

हळद प्रक्रिया उद्योग, कृषी उत्पादक कंपनी,
चिखली जि. बुलढाणा

श्री अमोल साठे

कृषी तज्ञ, राष्ट्रीय अभ्यासक,
वैरागड ता. चिखली, जि. बुलढाणा

श्री विजय अंभोरे

शेळी मेंढी पालन केंद्र, सिंपोरा
ता. जाफराबाद जि. जालना

प्राचार्य डॉ. रामेश्वर भिसे

श्री शिवाजी महाविद्यालय
अकोला

प्रा. डॉ. संजय दांडळे

सदस्य अर्थशास्त्र अभ्यास मंडळ,
संत गाडगे बाबा अमरावती विद्यापीठ अमरावती

प्रा.डॉ. प्रदीप बारड

सदस्य ग्रंथालय व माहितीशास्त्र अभ्यास मंडळ,
संत गाडगे बाबा अमरावती विद्यापीठ अमरावती

प्रा. डॉ. विकास जाधव

प्रमुख तथा वरिष्ठ संशोधक,
कृषी विज्ञान केंद्र बुलढाणा

श्री बाळासाहेब कदम

औषधी वनस्पती लागवड व विपणन,
अध्यक्ष शेवंता माता फार्म प्रोड्यूसर कंपनी
निवघा (बाजार) ता. हादगाव जि.लहा नांदेड

श्री पंढरीनाथ यशवंत गुंजकर

आदर्श शेतकरी उद्योजक पुरस्कार प्राप्त उद्योजक,
यशवंत कृषी उद्योग, उंद्री
ता. चिखली जि. बुलढाणा.

श्री सतीश सुद्ध पाटील

जिजाऊ नर्सरी उद्योग,
दोलखेडा ता. जाफराबाद
जि. जालना.

श्री पुनोत्तम हांडे

दुध उत्पादक आणि विपणन,
श्री शिवाजी महाविद्यालया जवळ
चिखली जि. बुलढाणा

श्री शिंदे साहेब

तालुका कृषी अधिकारी,
चिखली जि. बुलढाणा.

श्री अनिल छारोडे

तालुका कृषी तंत्रज्ञान अधिकारी,
चिखली जि. बुलढाणा

श्री राय सिंग पवार

शेतीनिष्ठ शेतकरी अंशवाडी
ता.चिखली जि. बुलढाणा.

प्रा.डॉ. संतोष कुटे

अध्यक्ष अर्थशास्त्र अभ्यास मंडळ,
संत गाडगे बाबा अमरावती विद्यापीठ, अमरावती

प्रा. विजय बाकोडे

शिप्रम ताल्यासाहेब महाजन महाविद्यालय
चिखली जि. बुलढाणा

प्रा. डॉ. दर्शना मोरे

के. के. वाघ कृषी महाविद्यालय,
नाशिक

प्रा. डॉ. उमेश सूर्यवंशी

मत्स्य विज्ञान महाविद्यालय,
महाराष्ट्र पशु आणि मत्स्य विज्ञान विद्यापीठ नागपूर

श्री भैरव कुभार

प्रकल्प व्यवस्थापक,
वेदनादिनी अंगी टुरिझम, काहेरी
अकोला

Shri Shivaji Education Society Amravati's
Shri Shivaji Science & Arts College, Chikhli, Dist Buldana.
Department of Economics

Certificate Course on Agricultural based Entrepreneurship Development

(From 21 to 30 September 2021)

Syllabus

Unit1

Agronomy and its scope, seeds and sowing, tillage and tilth, crop density and geometry, Crop nutrition, manures and fertilizers, nutrient use efficiency, water resources, soil-plant-water relationship.

Unit2

Crop water requirement, water use efficiency, irrigation- scheduling criteria and methods, quality of irrigation water, water logging.

Unit3

Weeds- importance, classification, crop weed competition, concepts of weed management- principles and methods.

Unit4

Herbicides- classification, selectivity and resistance, allelopathy. Growth and development of crops, factors affecting growth and development, plant ideotypes, principles, adaptation and distribution of crops.

Unit5

Crop rotation and its crop management technologies in problematic areas, harvesting and threshing of crops.

Unit6

Soil as a natural body, Pedological and edaphological concepts of soil; Soil genesis: soil forming rocks and minerals; weathering, processes and factors of soil formation; Soil Profile

Unit7

Components of soil; Soil physical properties: soil-texture, structure, density and porosity, soil color, consistence and plasticity; Elementary knowledge of soil taxonomy. Classification and Soils of India

Unit8

Soil water retention, movement and availability; Soil air, composition, gaseous exchange, problem and plant growth, Soil temperature; source, amount and flow of heat in soil; effect on plant growth

Unit9

Soil reaction-pH, soil acidity and alkalinity, buffering, effect of pH on nutrient availability; soil colloids -

inorganic and organic; silicate clays: constitution and properties; sources of charge; ion exchange, cation

exchange capacity, base saturation;

Unit10

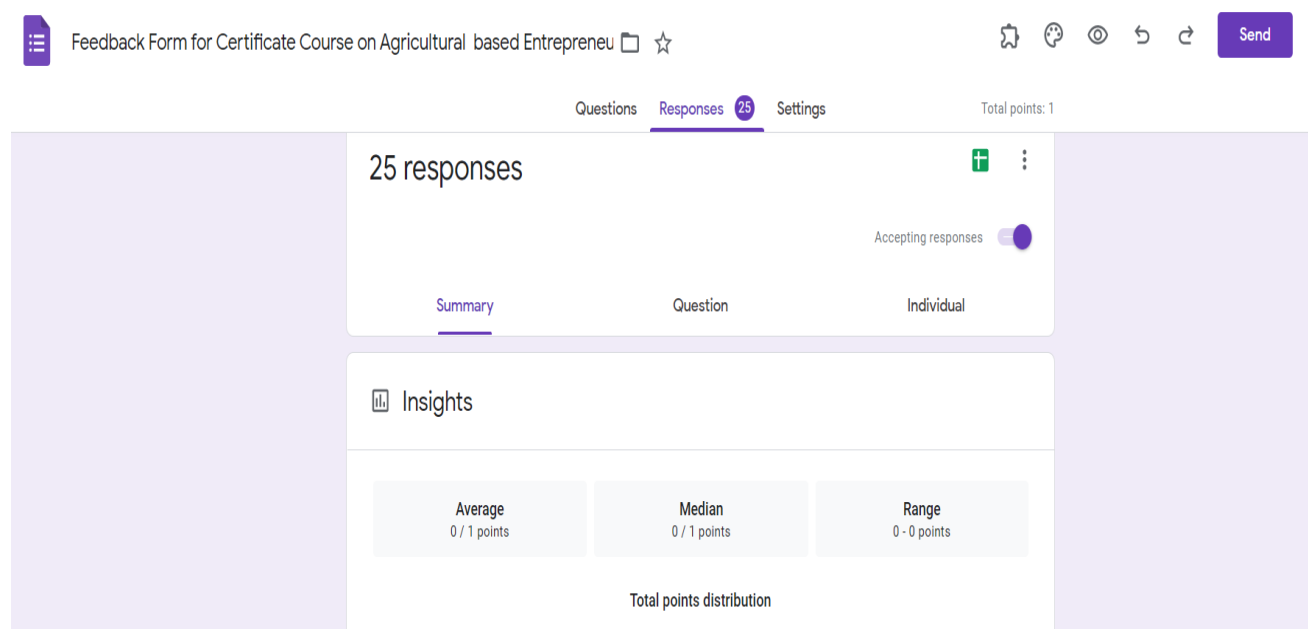
Soil organic matter: composition, properties and its influence on soil properties; humic substances - nature and

properties; soil organisms: macro and microorganisms, their beneficial and harmful effects;

Soil pollution -

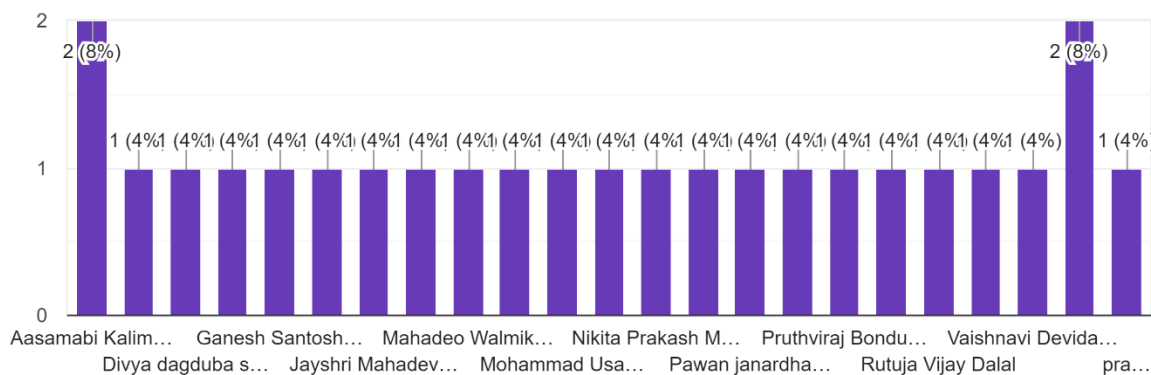
behavior of pesticides and inorganic contaminants, prevention and mitigation of soil pollution.

Criterion – I- Curricular Aspects [QnM – 1.2.2]



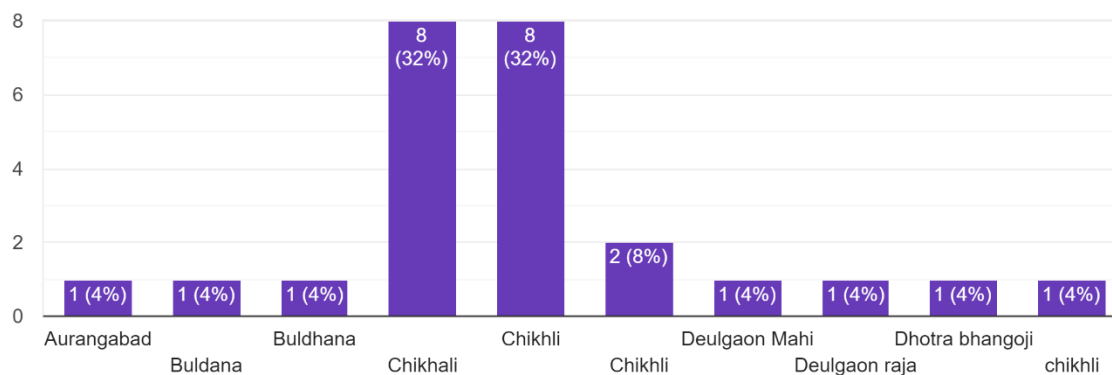
Full Name (This name will be print on your Certificate)

25 responses



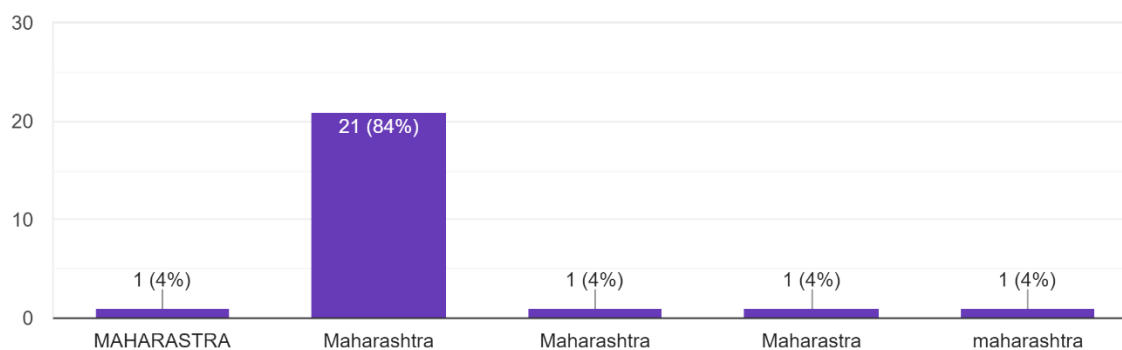
City

25 responses



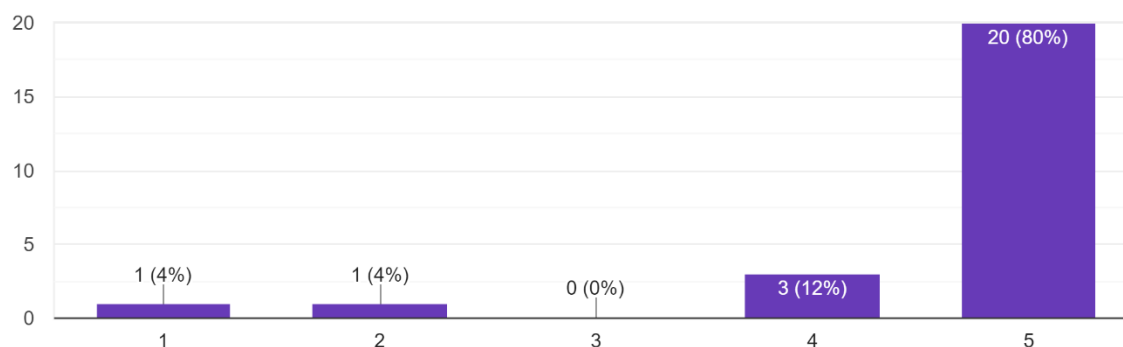
State

25 responses



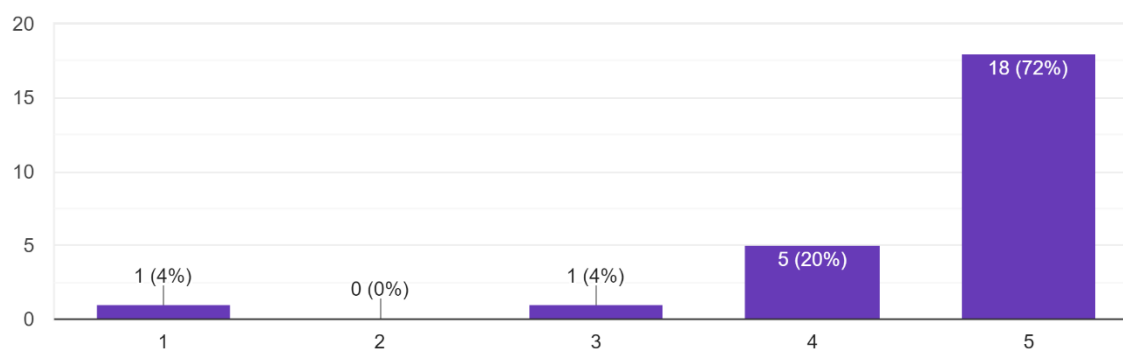
1. How satisfied were you with the event?

25 responses



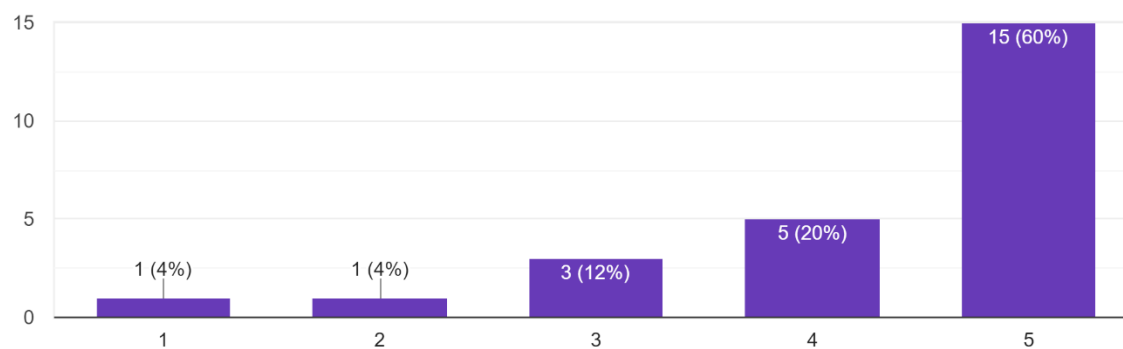
2. How relevant and helpful did you find the event?

25 responses



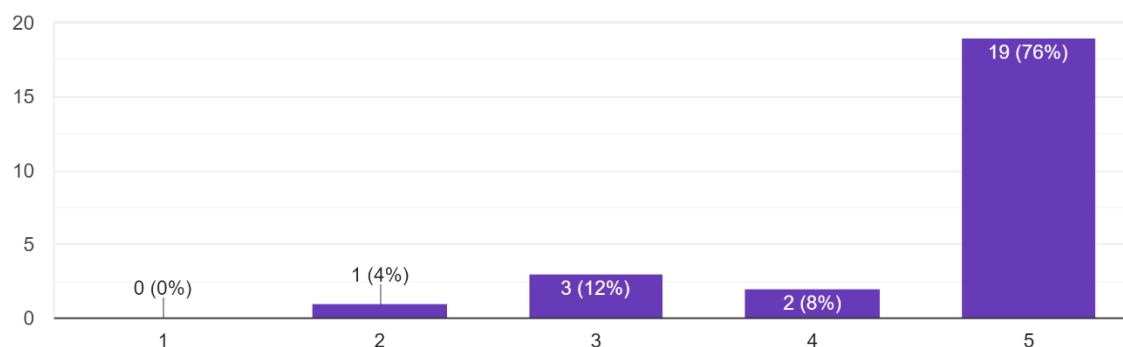
3. How satisfied were you with the event content?

25 responses



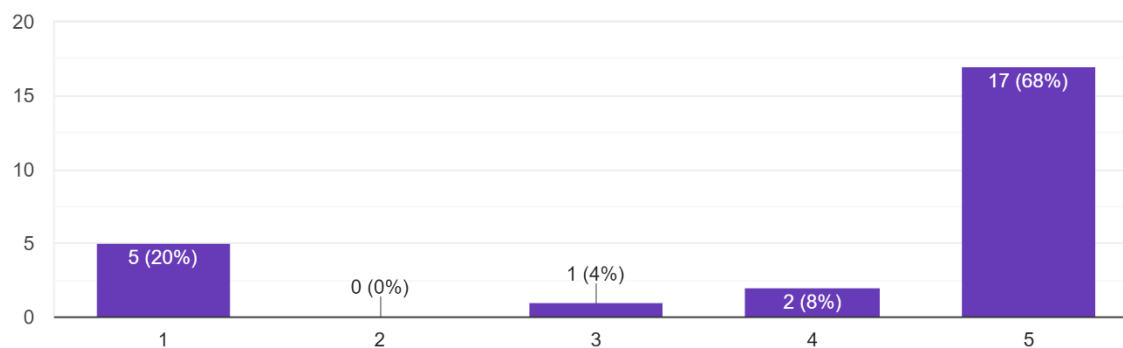
4. Overall Experience?

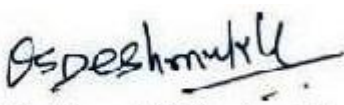
25 responses



5. Any Suggestions?

25 responses




Dr. Omraj S. Deshmukh
Principal
Shri Shivaji Sci. & Arts
College, Chikhli, Dist. Buldana

ENGLISH



Shri Shivaji Education Society's

Shri Shivaji Science & Arts College
Chikhli Dist. Buldana

Accredited by NAAC B++ Grade (CGPA 2.82)



20 Days Workshop on Communication Skills in English

Introduction

Every year 20 Days Workshop on Communication Skills in English is organised by the Department of English.

Most of the students admitted to undergraduate classes in the college belong to rural area.

They are not aware about the importance of Communication Skill in English. The workshop is organized to create awareness among the students about communication skill and its importance in the global world.

Objectives of the Workshop:

- i. To create awareness about importance of Communication Skills in the global world.
- ii. To make students know different ways of development of Communication skills.
- iii. To train students to use grammatically correct English by imparting knowledge of basic grammar.
- iv. To develop spoken English of the students.
- v. To teach students to correct their pronunciation by consulting pronunciation dictionary.
- vi. To teach students to compose e-mail, write job applications, CV/Resume Writing etc.
- v. To give equip students to become independent English language learner.



Shri Shivaji Education Society's
Shri Shivaji Science & Arts College
Chikhli Dist. Buldana
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20 Days Workshop on Communication Skills in English

Organizing Committee

The following committee is formed under the supervision of honourable Principal Dr. Omraj S. Deshmukh and Dr. V. U. Pocchi, the IQAC Coordinator .

Sr. No	Name	Responsibility
1.	Dr. S. I. Jukkalkar	Coordinator & Resource person
2.	Miss. Vidya Popat	Member & Resource Person
3.	Mrs. Nita Ubhe	Member & Resource Person
4.	Dr. D. N. Bhoyar	Member for Technical Assistance

Special Invitee

Dr. Prithviraj Thakur from G. S. College Khamgaon as a Resource Person



Shri Shivaji Education Society's

Shri Shivaji Science & Arts College
Chikhli Dist. Buldana

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20 Days Workshop on Communication Skills in English

Time Table (Schedule)

Sr. No	Day	Time	Hours	Total Hours
1.	Day 1 : 13/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	30 Hours
2.	Day 2 : 14/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	
3.	Day 3: 15/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	
4.	Day 4 : 16/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	
5.	Day 5 : 17/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	
6.	Day 6 : 18/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	
7.	Day 7: 20/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	
8.	Day 8 : 21/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	
9.	Day 9: 22/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	
10.	Day 10 : 23/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	
11.	Day 11 : 24/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	
12.	Day 12: 25/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	
13.	Day 13: 27/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	
14.	Day 14: 28/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	
15.	Day 15: 29/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	
16.	Day 16 : 30/09/2021	12.00 pm to 1.30 pm	1.30 hrs.	
17.	Day 17 : 01/10/2021	12.00 pm to 1.30 pm	1.30 hrs.	
18.	Day 18 : 02/10/2021	12.00 pm to 1.30 pm	1.30 hrs.	
19.	Day 19 : 03/10/2021	12.00 pm to 1.30 pm	1.30 hrs.	
20.	Day 20 : 04/10/2021	12.00 pm to 1.30 pm	1.30 hrs.	



Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College
Chikhli, Dist. Buldana
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20 Days Workshop on
Communication Skills in English
Organized By
Department of English



Duration: 13 Sept. to 02 Oct. 2021

Organizing Committee

Chief Organizer

Dr. Omraj S. Deshmukh
Principal

Convener

Dr. V. U. Pochhi
IQAC Coordinator

Course Coordinator

Dr. S. I. Jukkalkar
Head, Department of English

Member

Ku. Vidya Popat
Member

Mrs. Nita Ubhe
Member

Dr. D. N. Bhoyar
Technical support

Contact : Dr. S. I. Jukkalkar 9860873841,
Mrs. Nita Ubhe 7397908719

Ku. Vidya Popat 9822698322,



Shri Shivaji Education Society's
Shri Shivaji Science & Arts College
Chikhli Dist. Buldana

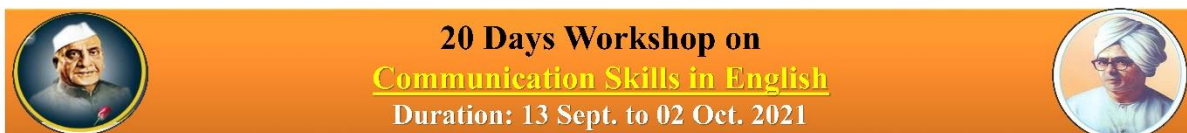
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20 Days Workshop on Communication Skills in English

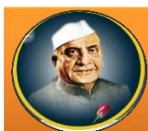
Syllabus

Sr. No.	Modules
1.	Communication Skill : Introductory Lecture
2.	Interview Skills
3.	Basic Grammar
4.	Spoken English
5.	Job Applications
6.	CV/Resume Writing
7.	E-Mail Etiquettes
8.	Pronunciation, Introduction to IPA Symbols
9.	Nonverbal Communication
10.	How to Anchor a Programme



SCHEDULE OF WORKSHOP
TIME: 12.00 TO 1.30 PM

Date	Program/Topic	Resource Persons
13 Sept. 2021	Inauguration And Introductory Lecture on Communication Skills	Dr. P. P. Thakur, G. S. College, Khamgaon
14 Sept. 2021	How to Face an Interview	Dr. S. I. Jukkalkar
15-18 Sept. 2021	Basic Grammar	Dr. S. I. Jukkalkar
20-24 Sept. 2021	Spoken English	Miss. Vidhya Popat Mrs. Nita Ubhe
25 Sept. 2021	Job Application	Dr. S. I. Jukkalkar
27 Sept. 2021	C. V./Resume Writing	Dr. S. I. Jukkalkar
28 Sept. 2021	E-Mail Etiquettes	Dr. P. P. Thakur
29-30 Sept. 2021	Pronunciation, Introduction to IPA Symbols	Dr. S. I. Jukkalkar
01 Oct. 2021	Nonverbal Communication	Dr. S. I. Jukkalkar
02 Oct. 2021	How to Anchor a Programme	Dr. S. I. Jukkalkar



20 Days Workshop on
Communication Skills in English
Duration: 13 Sept. to 02 Oct. 2021



No Registration fees

Registration Link:- <https://forms.gle/QgKVkFk2EWmySeqP8>

Whats App link: <https://chat.whatsapp.com/KFEFp5Xj2rqHz5p7Vlx9im>

Note :-

- The Workshop will be conduct on **Google Meet** & You tube both platform.
- **Google Meet** & You tube link will be send on whats app.
- Join the Telegram channel for link and other information of workshop.
- E- Certificate will be issued for all active participants who attend the workshop.
- Feedback link will be available after completion of the workshop.

Contact : Dr. S. I. Jukkalkar 9860873841,
Mrs. Nita Ubhe 7397908719

Ku. Vidya Popat 9822698322,



Shri Shivaji Education Society's

**Shri Shivaji Science & Arts College
Chikhli Dist. Buldana**

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20 Days Workshop on Communication Skills in English

Action Taken Report

- 1) As per every year's academic schedule, it is decided to organize 20 Days Workshop on Communication Skills in English to make students aware about the growing importance.
- 2) It is decided to organize the Workshop Online. The Workshop commenced on 13th Sept and ended on 2nd Oct. 2021.
- 3) The brochure and the registration form (google form) was posted on the class wise Whats App groups.
- 4) The scheduled time of the Workshop was 12.00 (noon) to 1.30 pm (One & Half Hour Daily).
Total teaching hours were 30.
- 5) It was decided with the consent of the IQAC Coordinator and Principal Sir to invite Dr. Privithiraj Thakur as Chief Speaker to inaugurate the Workshop and to give online lecture on Communication Skills in English. It is also decided to take his consent to deliver lectures on other relevant topics of the workshop.
- 6) The topics of the Workshop were allotted to Dr. Jukkalkar Syed Imtiaz, Miss Vidya Popat and Mrs. Nita Ubhe.
- 7) Dr. D. N. Bhoyar, is given the responsibility to handle technical aspect of the workshop.
- 8) All the lectures were taken on Zoom Portal.
- 9) All the lectures in the Workshop were recorded and uploaded on You Tube for students. The students can watch the lectures after the workshop and the students who are unable to participate in the workshop can watch the lectures as per their free time.
- 10) Feedback was taken and analysed for future improvement.
- 11) Students were given e-certificate showing their participation in the workshop.

LIST OF STUDENT ADMITTED FOR 20 DAYS WORKSHOP

Sr. No.	Name of the student	Class:	Faculty
1	Solanke Sukanya digambar	Bsc 1st year	Science
2	Suvarna sugadev Jadhav	Bsc 1 year	Science
3	Rahul Dipak Paraskar	Bsc 1	Science
4	Aniket Rajendra kolhe	B.com 3rd year	Commerce
5	Shubhangi sunil wankhade	B.com III year	Commerce
6	Muskan Mahek Shaikh Lukman	Bsc First year	Science
7	Radhika Millind Dasture	BSc 1st year	Science
8	Nikita	Ba first year	Humanities
9	Dipika Sanjay Gaikwad	BSc 1 st year	Science
10	Hina Kausar Rauf Khan	Bsc 1st year	Science
11	Divya Suresh Bhamble	Bsc first year	Science
12	Divya dagduba salve	Bcom 1st year	Commerce
13	Vaishalisalok	Bsc computer first year	Science
14	Samadhan jagannath kalyankar	3rd year	Commerce
15	Archana Sanjay Padghan	Bsc	Science
16	Bhushan Vinayak kale	B.Sc.-I year	Science
17	Archana Sanjay Padghan	Bsc	Science
18	Sara sohail khan	BSC 1st year	Science
19	Tushar Dadarao Suste	BSc 1st year, Sem-II.	Science
20	Gauri Rajendra Bholane	B.Sc. 1st year (micro) sem 2	Science
21	Kamlesh Rajendra salve	Bcom part 2 sem 4	Commerce
22	Mahesh Gopal Bhavar	B.com 2nd	Commerce
23	Mahesh Gopal Bhavar	B.COM 2	Commerce
24	Umesh kishor nake	Bcom second year forth semes	Commerce
25	Prerna Vitthal Karwande	Bsc 1 st year	Science
26	Raj Deshmukh	B.Sc.1st	Science
27	Pavan Tulsidas Pawar	B A	Humanities
28	Tushar Bhagwan Jadhao	B.A.1 year's	Commerce
29	Vaibhav panjabrao pawar	Bsc-i	Science
30	Megha Mangulkar	Bsc first year	Science
31	Bundhe gopal	12	Commerce
32	Pooja dnyaneshwar mehetre	Bsc bio	Science
33	Ganesh Rameshwar Jadhao	12 science	Science
34	Rohan Santosh Thutte	BA.1 Year	Humanities
35	Masira Tabassum Sayyed Salim	B.Sc first year	Science
36	Masira Tabassum Sayyed Salim	B.Sc first year	Science
37	Dr. Sonali Shankar Gaikwad	NA	Science
38	Shivani Rajesh Pasarkar	Bsc 1st micro	Science
39	Gopal Vijay Gaikwad	B.sc 1 year	Science
40	Vishal Vishnu More	Bsc III	Science
41	Nilesh Ramesh Jadhao	Bsc 2 year	Science
42	Anil Ganesh Khare	BA first year	Humanities
43	Rupali Bharat Akal	B. Com 3year	Commerce
44	Vishal rameshrao deshmukh	B.A.I 2 year's	Humanities
45	Payal sanjay deshmane	1st year bio	Science
46	Kishori sangramsing golait	Bsc 1 year second sem	Science

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20 Days Workshop in Communication Skills in English
Day 1, 13/09/2021
Attendance

Timestamp	Name of the student/Staff	e-mail	Contact No.
2021/09/13 2:11:08 pm GMT+5:30	Samadhan kalyankar	Samadhankalyankar2025@gmail.com	7666949868
2021/09/13 2:12:10 pm GMT+5:30	Maresh Gopal Bhavar	mareshbhavar751@gmail.com	9545034537
2021/09/13 2:12:45 pm GMT+5:30	Neha Baban dukre	nehadukre2@gmail.com	9579214690
2021/09/13 2:13:29 pm GMT+5:30	Megha vishnu mangulkar	meghamangulkar02@gmail.com	7020421458
2021/09/13 2:15:46 pm GMT+5:30	Gauri Rajendra Bholane	gauribholane02@gmail.com	9096867495
2021/09/13 2:17:12 pm GMT+5:30	Krisnha vaidya	krisnha_vaidya@154gmail.com	845454
2021/09/13 2:17:37 pm GMT+5:30	Kamlesh Rajendra salve	kamleshsalve15@gmail.com	7028445733
2021/09/13 2:18:46 pm GMT+5:30	Abdul Rashid Abdul Latif Qureshi	rashidqu@gmail.com	9860570230
2021/09/13 2:19:29 pm GMT+5:30	Muskan Mahek Shaikh Lukman	muskanmahekshaikh59@gmail.com	7709228342
2021/09/13 2:19:30 pm GMT+5:30	Shivganga ashok lokhande	Shivlokhande3010@gmail.com	7447360712
2021/09/13 2:19:45 pm GMT+5:30	Aniket Rajendra kolhe	aniketkolhe933@gmail.com	7249557626
2021/09/13 2:21:13 pm GMT+5:30	Punam prabhakar solunke	salunkepunam3@gmail.com	7774966048
2021/09/13 2:27:28 pm GMT+5:30	Snehal pramodkumar jadhao	Snehaljadhao211@gmail.com	7774083986
2021/09/13 2:27:30 pm GMT+5:30	Rahul Dipak Paraskar	rahulparaskar2001@gmail.com	9689196295
2021/09/13 3:04:10 pm GMT+5:30	Nikita baban dukre	nikitadukre250302@gmail.com	9322461398
2021/09/13 3:40:39 pm GMT+5:30	Mangesh Abhimanyu Sonalkar	mangeshso2020@gmail.com	7448193203
2021/09/13 4:21:34 pm GMT+5:30	Roshani Santosh Ade	roshaniade19@gmail.com	9767228693
2021/09/13 4:59:38 pm GMT+5:30	Tushar Dadarao Suste	tusharsuste2511@gmail.com	7666311763
2021/09/13 7:20:03 pm GMT+5:30	Pooja Dnyaneshwar mehetre	Poojamehetre0603@gmail.com	8421847485
2021/09/13 9:04:23 pm GMT+5:30	Shivani Rajesh Pasarkar	shivaniapasarkar9@gmail.com	7038268842
2021/09/13 11:06:06 pm GMT+5:30	Masira Tabassum Sayyad Salim	tabbusummaseera@gmail.com	8624890174
2021/09/14 12:06:50 pm GMT+5:30	Divya dagduba salve	Divyasalve2510@gmail.com	7057082471
2021/09/14 1:20:40 pm GMT+5:30	Radhika Milind Dasture	radhikadasture@gmail.com	8550987971
2021/09/15 12:16:44 pm GMT+5:30	Solanke Sukanya digambar	sukanyasolanke2002@gmail.com	7219402115
2021/09/16 5:19:20 pm GMT+5:30	Vaishnavi Gajanan cheke	vaishnavicheke434@gmail.com	8975828783
2021/09/21 10:43:06 pm GMT+5:30	Aasamabi Kalim shaha	aasamashah219@gmail.com	7756982229
2021/09/23 6:33:25 pm GMT+5:30	Ku Gayatri Laxman Dombale	laxumandomle@gmail.com	8668266631

20 Days Workshop in Communication Skills in English

Day 10, 23/09/2021

Attendance

Timestamp	Name of the student/Staff	e-mail	Contact Number
2021/09/23 6:16:22 pm GMT+5:30	Aasamabi Kalim shaha	aasamashah219@gmail.com	7756982219
2021/09/23 6:18:01 pm GMT+5:30	Valshnavi Gajanan Ghube	valshnavighube2003@gmail.com	8623888519
2021/09/23 6:18:29 pm GMT+5:30	Snehal pramodkumar Jadhao	snehaljadhao211@gmail.com	7774083986
2021/09/23 6:19:25 pm GMT+5:30	Ku. Ashwini Gajanan Pathe	ashwinipathe2000@gmail.com	7841066103
2021/09/23 6:20:01 pm GMT+5:30	Srushti Dilip Shelke.	srushtishelke26@gmail.com	9921264312
2021/09/23 6:20:46 pm GMT+5:30	Rahul Dipak Paraskar	rahulparaskar2001@gmail.com	9689196295
2021/09/23 6:22:33 pm GMT+5:30	Divya dagduba salve	Divyasalve2510@gamil.com	7057082471
2021/09/23 6:28:03 pm GMT+5:30	Dipika Sanjay Galkwad	dipikagalkwad2003@gmail.com	9359060261
2021/09/23 6:29:54 pm GMT+5:30	Ku Gayatri Laxman Dombale	laxumandomle@gamil.com	8668266631
2021/09/23 6:42:52 pm GMT+5:30	Aniket Rajendra kolhe	aniketkolhe933@gmail.com	7249557626
2021/09/23 6:46:49 pm GMT+5:30	Tushar Dadarao Suste	tusharsuste2511@gmail.com	7666311763
2021/09/23 6:47:47 pm GMT+5:30	Ku. Aditi Narayan Rindhe.	aditirin1312@gmail.com	9579743216
2021/09/23 6:53:25 pm GMT+5:30	Saiyyad Habib Saiyyad Rahim	habibsaiyyad9@gmail.com	9130144731
2021/09/23 6:57:41 pm GMT+5:30	Srushti Dilip Shelke	srushtishelke26@gmail.com	9921264312
2021/09/23 7:02:31 pm GMT+5:30	Priti katyarsing suradkar	pritisuradkar132@gmail.com	7972766489
2021/09/23 7:09:34 pm GMT+5:30	Rohini Raju Patil	rajupatil69526@gmail.com	9322895730
2021/09/23 7:15:48 pm GMT+5:30	Nikita	nikitadukre250302@gmail.com	9322461398
2021/09/23 7:25:32 pm GMT+5:30	Kamlesh Rajendra salve	kamleshsalve15@gmail.com	7028445733
2021/09/23 7:54:27 pm GMT+5:30	Rupali Bharat Akal	akalrupali@gmail.com	9067901262
2021/09/23 7:59:51 pm GMT+5:30	Harshada Vasanta Jadhav	harshadajadhao630@gmail.com	9067914067
2021/09/23 8:03:18 pm GMT+5:30	Punam prabhakar solunke	salunkepunam3@gmail.com	7774966048
2021/09/23 8:04:55 pm GMT+5:30	Vaishali salok	vaishalisalok@gmail.com	9322534052
2021/09/23 8:10:35 pm GMT+5:30	Shyam Asaram Jadhao	Jadhaoshyam93@gmail.com	9673044689
2021/09/23 8:56:11 pm GMT+5:30	Megha vishnu mangulkar	meghamangulkar02@gmail.com	7020421458
2021/09/23 9:50:24 pm GMT+5:30	Shubhangi sunil wankhade	Wankhadeshubhangi2@gmail.com	7470576737
2021/09/24 7:31:30 am GMT+5:30	Jaya Dipak Suradkar.	Jayasiradkar05@gmail.com	8554040742
2021/09/24 7:51:50 am GMT+5:30	Vijaya Santosh fulzade	vijayafulzade@gmail.com	7841098984
2021/09/24 8:41:56 am GMT+5:30	Shravani Gajanan Jadhao	jadhaosandhaya7@gmail.com	8999820304
2021/09/24 11:16:15 am GMT+5:30	Umesh kishor nake	umeshnake2019@gmail.com	8459886507
2021/09/24 12:03:04 pm GMT+5:30	Akash Maroti Bhosle	abhosle035@gmail.com	9370759865
2021/09/24 2:20:58 pm GMT+5:30	Valshnavi Gajanan cheke	vaishnavicheke434@gmail.com	8975828783
2021/10/04 8:28:30 pm GMT+5:30	Sukanya digambar Solanke	sukanyasolanke2002@gmail.com	7219402115

**20 Days Workshop in Communication Skills in English
Day 20, 04/10/2021
Attendance**

Sr.No.	Timestamp	Name of the student/Staff	e-mail	Contact Number
1	2021/10/04 4:17:07 pm GMT+5:30	Jaya Dipak Suradkar	jayasuradkar05@gmail.com	8554040742
2	2021/10/04 4:17:46 pm GMT+5:30	Tushar Dadarao Suste	Tusharsuste2511@gmail.com	7666311763
3	2021/10/04 4:18:08 pm GMT+5:30	Punam prabhakar solunke	salunkepunam3@gmail.com	7774966048
4	2021/10/04 4:18:31 pm GMT+5:30	Dipika Sanjay Gaikwad	dipikagaikwad2003@gmail.com	9359060261
5	2021/10/04 4:18:44 pm GMT+5:30	Aniket Rajendra kolhe	aniketkolhe933@gmail.com	7249557626
6	2021/10/04 4:19:29 pm GMT+5:30	Kamlesh Rajendra salve	kamleshsalve15@gmail.com	7028445733
7	2021/10/04 4:23:54 pm GMT+5:30	Shyam Asaram Jadhao	Jadhaoshyam93@gmail.com	9673668369
8	2021/10/04 4:25:00 pm GMT+5:30	Shubhangi ankush Deshmukh	Sd6248899@gmail.com	8459134129
9	2021/10/04 4:25:20 pm GMT+5:30	Rupali Bharat Akal	akalrupali@gmail.com	9067901262
10	2021/10/04 4:25:34 pm GMT+5:30	Shravanl Gajanan Jadhao	jadhaosandhaya7@gmail.com	8999820305
11	2021/10/04 4:27:56 pm GMT+5:30	Ku.Aditi Narayan Rindhe.	aditirin1312@gmail.com	9579743216
12	2021/10/04 4:35:09 pm GMT+5:30	Valbhav Bavaskar	valbhavbavaskar03@gmail.com	8999194779
13	2021/10/04 4:37:07 pm GMT+5:30	Umesh kishor nake	umeshnake2019@gmail.com	8459886507
14	2021/10/04 4:41:32 pm GMT+5:30	Priti katyarsing suradkar	pritisuradkar132@gmail.com	7972766489
15	2021/10/04 4:58:45 pm GMT+5:30	megha vishnu mangulkar	meghamangulkar02@gmail.com	7020421458
16	2021/10/04 5:02:34 pm GMT+5:30	Kamlesh Rajendra salve	kamleshsalve15@gmail.com	7028445733
17	2021/10/04 5:03:19 pm GMT+5:30	Akash Bhashkar Kasare	akashkasare191@gmail.com	9067607049
18	2021/10/04 5:06:12 pm GMT+5:30	Vaishnavi Gajanan cheke	vaishnavicheke434@gmail.com	8975828783
19	2021/10/04 5:07:58 pm GMT+5:30	Vaishali Santosh salok	vaishalisalok@gmail.com	9322534052
20	2021/10/04 5:08:42 pm GMT+5:30	Ku ashwini Gajanan pathe	ashwinipathe2000@gmail.com	7841066103
21	2021/10/04 5:08:57 pm GMT+5:30	Bhushan Vinayak kale	bhushankale2002@gmail.com	8485092699
22	2021/10/04 5:10:54 pm GMT+5:30	Kishori sangrimsing golait	Kishori golaita@gmail.com	8767543215
23	2021/10/04 5:16:42 pm GMT+5:30	Archana Padghan	archanapadghan22@gmail.com	9579901964
24	2021/10/04 5:20:46 pm GMT+5:30	Neha Baban Dukre	nehadukre2@gmail.com	9579214690
25	2021/10/04 5:23:38 pm GMT+5:30	Ku. Bhagyashri Ashok Dukare	dukarebhagyashri0@gmail.com	8766580371
26	2021/10/04 5:32:06 pm GMT+5:30	Sukanya digambar Solanke	sukanyasolanke2002@gmail.com	7219402115
27	2021/10/04 5:41:40 pm GMT+5:30	Akash Matoti Bhosle	abhosleo035	9370759865
28	2021/10/04 5:47:00 pm GMT+5:30	Snehal pramodkumar jadhao	snehaljadhao211@gmail.com	7774083986
29	2021/10/04 5:48:23 pm GMT+5:30	Srushti Dilip Shelke	srushtishelke26@gmail.com	9921264312
30	2021/10/04 6:04:16 pm GMT+5:30	Divya dagduba salve	Divyasalve2510@gmail.com	7057082471
31	2021/10/04 6:05:20 pm GMT+5:30	Divya dagduba salve	Divyasalve2510@gmail.com	7057082471
32	2021/10/04 6:21:57 pm GMT+5:30	Rahul Dipak Paraskar	rahulparaskar2001@gmail.com	9689196295
33	2021/10/04 6:34:37 pm GMT+5:30	Vaibhav Milind Dasture	renukadasture@gmail.com	9545609221
34	2021/10/04 6:36:44 pm GMT+5:30	Radhika Milind Dasture	radhikadasture@gmail.com	8550987971
35	2021/10/04 6:38:09 pm GMT+5:30	Krisna valdiya	vaikrushna45@gmail.com	2
36	2021/10/04 6:38:59 pm GMT+5:30	Nikita baban dukre	nikitadukre250302@gmail.com	9322461398
37	2021/10/04 6:43:28 pm GMT+5:30	Neha Baban Dukre	nehadukre2@gmail.com	9579214690
38	2021/10/04 6:45:07 pm GMT+5:30	Neha Baban Dukre	nehadukre2@gmail.com	9579214690
39	2021/10/04 6:47:21 pm GMT+5:30	Nikita baban dukre	nikitadukre250302@gmail.com	9322461398
40	2021/10/04 6:50:31 pm GMT+5:30	Vaishnavi Gajanan Ghube	Vaishnavighube2003@gmail.com	8623888519
41	2021/10/04 7:20:59 pm GMT+5:30	Rohini Raju Patil	rajupatil69526@gmail.com	9322895730
42	2021/10/04 7:51:53 pm GMT+5:30	Harshada Vasanta Jadhav	harshadajadhao630@gmail.com	9067914067
43	2021/10/04 8:06:48 pm GMT+5:30	Vaishnavi Vijay Gadekar	Vaishnavigdkr@gmail.com	9322564241
44	2021/10/04 8:15:40 pm GMT+5:30	vaishnavi gajanan Deshmukh	vaishu622001@gmail.com	9021534526
45	2021/10/04 8:16:45 pm GMT+5:30	Roshani Santosh Ade	roshanade19@gmail.com	9767228693
46	2021/10/04 8:33:32 pm GMT+5:30	Vijaya Santosh fulzade	vijayfulzade@gmail.com	7841098984
47	2021/10/04 11:07:57 pm GMT+5:30	Shubhangi sunil wankhade	Wankhadeshubhang2@gmail.com	7470576737
48	2021/10/04 11:09:53 pm GMT+5:30	Shubhangi sunil wankhade	Wankhadeshubhang2@gmail.com	7470576737
49	2021/10/05 7:23:26 am GMT+5:30	Suvarna sugadev Jadhav	sjadhav902201@gmail.com	9022013890
50	2021/10/05 8:38:54 am GMT+5:30	Gopal vijay Gaikwad	gaikwadgopal845@gmail.com	93078215083
51	2021/10/05 8:48:45 am GMT+5:30	Gayatri Laxman Dombale	laxumandombale@gmail.com	8668266631

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