

Activity Report & Action Taken of lecture Series of Certificate Course in Plant Propagation and Nursery Management



Shri Shivaji Education Society Amravati's
SHRI SHIVAJI SCIENCE AND ARTS COLLEGE
CHIKHLI, DIST. BULDANA, 443201
NAAC Reaccredited with 'B++' Grade CGPA (2.82)



Department of Botany

Activity Report & Action Taken of lecture Series of Certificate Course in Plant Propagation and Nursery Management

Name of Activity – Guest Lecture Series on Certificate Course in Plant Propagation and Nursery Management

Duration-15th September to 22nd September 2021



Academic Year 2020-21

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Introduction:

India is an agriculture dominated country. Horticulture occupies an important position in the farming system of India and therefore it has a great relevance in improving the overall economy of the Zone. The specific agro climatic condition of the region offers tremendous Potential for the development of fruit industry. High productivity and successful cultivation of fruit crops depends mainly on good quality Nursery. There are no denying facts that the modern will have to play a vital role in any planned work for increasing the area under fruit crop.

The propagation of plants is one of the fundamental occupations of growing plants by human beings since time immemorial. Civilization might have started when ancient man learnt to plant and grow different kinds of plants, which fulfilled nutritional and other allied needs of human beings and their animals. Our cultivated plants originated mainly by direct selection from wild species (e.g. Mango, Guava, Amla etc.) controlled conditions that perceive the unique characteristic which make them useful.

The ever increasing demand of fruit plants necessitates the need for improved propagation techniques. Tree breeding and propagation techniques serve as an important tool in fruit crops improvement programme. Fruit plants do not come true, when raised from seeds and therefore, these plants are generally raised through vegetative methods of propagation, these plants may be taken from single mother plant or other plants. The vegetative methods most often used to produce trees are cutting, air layering, grafting either on their own roots by cutting or Layering Techniques or micro propagation techniques. The most of fruit plants are raised on rootstocks rather than on their own roots because growing of fruit trees on rootstocks has many advantages.

For develop the basic understanding of principles of Plant Propagation and to develop skills require for establishing a small scale commercial nursery we started skill oriented six months certificate course under the NSQF (National Skill Quality Framework) i.e. Plant Propagation and Nursery Management.

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Under this certificate course we have 22 students admitted for this course and we organized guest lecture series during 15th September to 22nd September 2021 for these students.

We are very much gratified and extend our sincere thanks and immense pleasure for our all respected resource persons.

We are also grateful and thankful to our respected Principal Dr. O.S.Deshmukh, for granted the permission to organize a Guest Lecture Series on Certificate Course in Plant Propagation and Nursery Management.

We are also grateful and thankful to Dr. V.U.Pochhi, Head, Department of Botany, Shri Shivaji Science and Arts College Chikhli, for her constant inspiring approach which made this Program successful.

This Program got a good response and the success of program couldn't possible without my colleague, Prof. M.D.Kolte, Assistant Professor, Shri Shivaji Science and Arts College Chikhli.

Aim:

To develop the basic understanding of principles of Plant Propagation and to develop skills require to run a small scale commercial nursery. **For this** we had planned online guest lecture series during 15th September to 22nd September 2021

The main objectives behind this event were,

- To give applied Knowledge on basis of plant propagation.
- Nursery management and basic entrepreneurship development.
- Acquired knowledge on recent Horticulture technologies will stimulate youth to create more ventures in the field of Horticulture science will create employment opportunity to rural youth and to promote modern Horticulture practices.
- To utilize Existing infrastructure available at Horticulture Training Centers, Centre of Excellence for flower, Fruits & Vegetables and in State

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Horticulture Farms.

- To expose the youth to Hi tech Horticulture practices and the key schemes implemented by the Department of Horticulture and Plantation Crops.
- Plant library is one of recent concept to establish a live plant library to emphasize at Nursery the importance, value, fascination of diversity

Registration Response and Participants:

Total 88 Students and other participants from different colleges and Locations are participated in this activity along with our students which is admitted to this course.

Event Hosting and Schedule of Event:

The guest lecture series was started on 15th September 2021 at 12.00 pm sharply. Dr. Omraj S. Deshmukh was president of this event, Dr. Vanita Pochhi, welcomes all the participants and also give introductory speech and explain about details of Guest lecture series and our certificate course.

The all session started at 12.05 PM daily up to 22nd September 2021 by different resource person. Schedule of Lecture are given bellow.

Sr.No.	Name of Expert	Topic of Talk	Day and Time
1.	Dr.Pratiksha Kokate Professor and Head Department of Botany Shri Shivaji Arts and Science College,Akola	Introduction and Methods Plant Propagation	15 Sep 2021 12.05 PM

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2.	Dr. Prachi Kshirsagar Assistant Professor in Botany PE society's, Modern college of Arts Science and Commerce Ganeshkhind Pune 16	Growing medium and Methods of seed Sowing in Nursery	16 Sep 2021 12.05 PM
3.	Dr. D. A. Dhale Associate Professor PG- Department of Botany, SSVPS'S, L.K.Dr.P.R. Ghogrey Science College Dhule.	Methods of Vegetative Propagation	17 Sep 2021 12.05 PM
4.	Prof. Anil Taru Program Coordinator KVK Buldana.	Basics of Nursery Management	18 Sep 2021 12.05 PM
5.	Dr. Mohjitsingh O. Rajput Assistant Professor Department of Extension Education Samarth Agriculture College,Deulgaon Raja	Entrepreneurship Development	21 Sep 2021 12.05 PM
6.	Dr.Arvind D.Deshmane Assistant Professor Department of Agronomy Samarth Agriculture College, Deulgaon Raja	Care of Nursery Management	22 Sep 2021 12.05 PM

First day of guest lecture series Dr. **Dr. Pratiksha Kokate**, Professor and Head Department of Botany, Shri Shivaji Arts and Science College, Akola. Gives the brief introduction of plant propagation and methods of plant propagation. She explains the sexual and asexual methods of plant propagation.

On the second day **Dr. Prachi Kshirsagar**, Assistant Professor in Botany, PE society's, Modern college of Arts Science and Commerce Ganeshkhind Pune 16. Has delivered the guest lecture on Growing medium and Methods of seed sowing in Nursery in this lecture she explain about different growth hormone which is required for plant and used in nursery.

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On third day of guest series **Dr. D. A. Dhale**, Associate Professor, PG-Department of Botany, SSVPS'S, L.K.Dr.P.R. Ghogrey Science College Dhule. has explain about methods of vegetative propagation.

On fourth day of lecture series we have **Prof. Anil Taru**, Program Coordinator, KVK Buldana.as a resource person and he delivered lecture on Basics of Nursery management its importance.

On fifth day of lecture we have **Dr. Mohjitsingh O. Rajput**, Assistant Professor, Department of Extension Education, Samarth Agriculture College, Deulgaon Raja. He gave lecture on entrepreneurship development.

On sixth day of lecture series we have **Dr. Arvind D. Deshmane**, Assistant Professor, Department of Agronomy, Samarth Agriculture College, Deulgaon Raja. He delivered lecture on Care of Nursery management.

Valedictory program:

At the end of all session we had arranged interactive talk of all participants. We had run all the session on Zoom by providing the link of session earlier a day on whatsapp group. At the end of all session we provide the feedback form to our students and.

For the valedictory program we have Dr.O.S.Deshmukh sir as chairperson and Dr.V.U.Pochhi Mam as HOD, Botany as well as IQAC coordinator of our college. Vote of thanks was proposed by Prof. Mukund D. Kolte. At the end of session we had generated a feedback form and also provided the E certificate to all participants for participation. You can access all details of program from the link given below.

Registration Link- <https://forms.gle/9dStPT2AZvk3s8Fn7>

Feedback link- <https://forms.gle/6faQQD7vFtZH4KZ26>

Boucher Link -

https://drive.google.com/drive/folders/1Nhc4_EquVZMk9OcSALcjROqERiFwR0Uw?usp=sharing

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Photo gallery of the events-

<https://drive.google.com/drive/folders/1HCnClSB2od4HCIwM0Ib3eqD5wminEIL7?usp=sharing>

Certificate-

https://drive.google.com/drive/folders/1Nhc4_EquVZMk9OcSALcjROqERiFwR0Uw?usp=sharing

Supporting Documents of Activity

Shri Shivaji Education Society Amravati's
Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana.
 Reaccredited by NAAC with B++ grade (CGPA 2.82)

Department of Botany Organized
Guest Lecture Series on Certificate Course in Plant Propagation and Nursery Management

Department of Botany, Shri Shivaji Science and Arts College, Chikhli, organises the guest Lecture Series on Plant Propagation and Nursery Management.

No Registration Fees

15 September to 22 September 2021

For Registration use following Link
<https://forms.gle/9dStPT2AZvk3s8Fn7>

E-Certificate for all Participant

Schedule of Lecture Series			
Sr.No.	Name of Expert	Topic of Talk	Day and Time
1.	Dr. Pratiksha Kokate Professor and Head Department of Botany Shri Shivaji Arts and Science College, Akola	Introduction and Methods Plant Propagation	15 Sep 2021 12.05 PM
2.	Dr. Prachi Kahirsagar Assistant Professor in Botany PE society's, Modern college of Arts Science and Commerce Ganeshkhind Pune 16	Growing medium and Methods of seed Sowing in Nursery	16 Sep 2021 12.05 PM
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5.	Dr. Arvind D. Deshmane Assistant Professor Department of Agronomy Samarth Agriculture College, Deulgaon Raja	Care of Nursery Management	22 Sep 2021 12.05 PM

Whatsapp group link-
<https://chat.whatsapp.com/Dh1hTeeT98D9wghZ0WYHg>
 Google Meet link will be shared on whatsapp group

Prof. D.L. Gavande Organizing Secretary Mob. 9011138879	Prof. M.D. Kolte Organizing Secretary Mob. 8888154009	Dr. V.U. Pochhi Co-Convenor HOD, Botany	Dr. O.S. Deshmukh Convener Principal
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Department of Botany
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Guest Lecture Series on Certificate Course in Plant Propagation and Nursery Management

This is to certify that
{{Full Name}}
 {{(other identifiers)}}

Has successfully participated in **Guest Lecture Series on Certificate Course in Plant Propagation and Nursery Management** Organized by Department of Botany, Shri Shivaji Science and Arts College, Chikhli. During 15 Sept to 24 Sept 2021

Certificate Issued on : {{date2}} Certificate No: {{certificate ID}}

M. Kolte *D. Gavande* *V. Pochhi* *O. S. Deshmukh*
 Prof. M.D. Kolte Prof. D.L. Gavande Dr. V.U. Pochhi Dr. O.S. Deshmukh
 Organizing Secretary Organizing Secretary Co-Convenor Convenor
 Secretary Secretary IQAC Coordinator Principal

SHRI SHIVAJI EDUCATION SOCIETY, AMRAVATI'S
SHRI SHIVAJI SCIENCE & ARTS COLLEGE
 CHIKHLI DIST. BULDANA (M.S)
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Department of Botany
 Organizes
Guest Lecture Series on Certificate Course in Plant Propagation and Nursery Management

Patron

 Hon. Shri Harshavardhan P. Deshmukh
 President
 Shri Shivaji Education Society, Amravati

Convener

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

Lecture- 1st- Introduction & Methods of Plant Propagation

Resource Person

 Dr. Pratiksha Kokate
 Prof. Head Dept. Botany
 Shri Shivaji Arts & Science College, Akola

Date
 15/09/2021


Time
 12:00 pm


Google Meet:- <https://meet.google.com/zjd-utzd-trf>


Dr. Vanita U. Pochhi Co-Convenor Prof. Head of Dept. Botany
 Mr. Mukund D. Kolte Organizing Secretary Asst. Professor Dept. Botany
 Mr. Dilip L. Gavande Organizing Secretary Asst. Professor Dept. Botany

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Convener

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

Resource Person

 Prof. Anil Taru
 Subject Matter Specialist (Horticulture)
 Krishi Vigyan Kendra, Buldana.

Date
 18/09/2021


Time
 12:00 pm


Lecture 4th- Basics of Nursery Management
Google Meet :- <https://meet.google.com/neo-zdth-anc>


Dr. Vanita U. Pochhi Co-Convenor Prof. Head of Dept. Botany
 Mr. Mukund D. Kolte Organizing Secretary Asst. Professor Dept. Botany
 Mr. Dilip L. Gavande Organizing Secretary Asst. Professor Dept. Botany

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 President
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Convener

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

Resource Person

 Dr. Arvind D. Deshmane
 Assistant Professor
 Department of Agronomy
 Samarth Agriculture College, Deulgaon Raja

Date
 22/09/2021

Time
 12:00 pm

Lecture 5th :- Care of Nursery Management
Google Meet : <https://meet.google.com/kxs-dppc-qwb>


Dr. Vanita U. Pochhi Co-Convenor Prof. Head of Dept. Botany
 Mr. Mukund D. Kolte Organizing Secretary Asst. Professor Dept. Botany
 Mr. Dilip L. Gavande Organizing Secretary Asst. Professor Dept. Botany

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Convener
 Dr. Omraj S. Deshmukh
 Principal
 Shri Shivaji Science & Arts College, Chikhli

Lecture- 2nd - Growing Medium & Methods of Seed Sowing in Nursery

Date
 16/09/2021



Resource Person
 Dr. Prachi Kshirsagar
 Assit. Professor Dept. Botany
 PE society's, Modern College of Arts, Science & Commerce, Ganeshkhind Pune 16

Time
 12:00 pm

Google Meet:- <https://meet.google.com/rxz-yovk-vux>

Dr. Vanita U. Pochhi
 Co-Convenor
 Prof. Head of Dept. Botany


Mr. Mukund D. Kolte
 Organizing Secretary
 Assit. Professor Dept. Botany

Mr. Dilip L. Gavande
 Organizing Secretary
 Assit. Professor Dept. Botany


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Convener
 Dr. Omraj S. Deshmukh
 Principal
 Shri Shivaji Science & Arts College, Chikhli



Resource Person
 Dr. D. A. Dhale
 Associate Professor
 PG- Department of Botany,
 SSVPS'S, L.K.Dr.P.R. Ghogrey Science College, Dhule.

Date
 16/09/2021

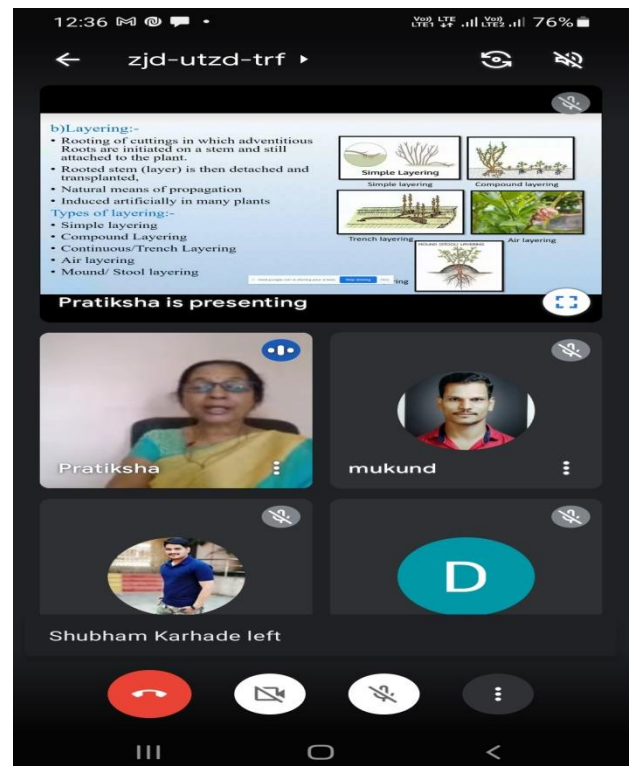
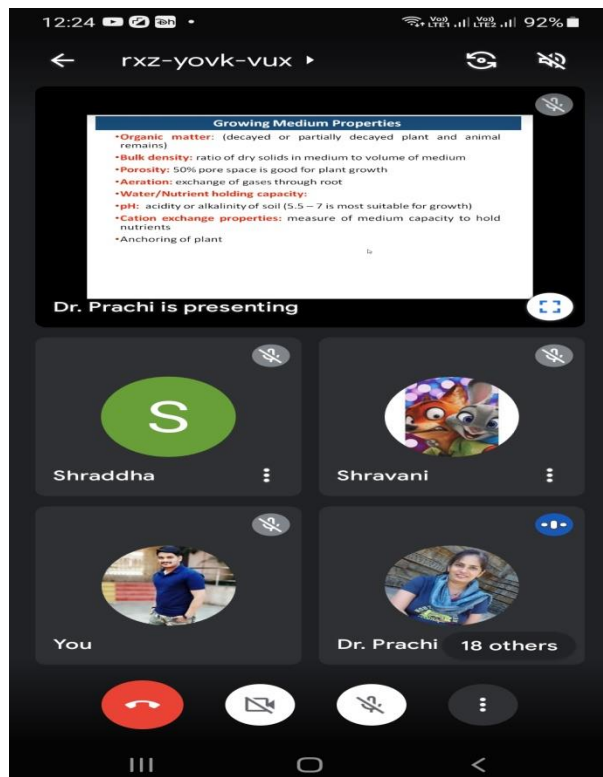
Time
 12:00 pm

Lecture 3rd :- Methods of Vegetative Propagation
 Google Meet :- <https://meet.google.com/tif-mvsi-gzz>

Dr. Vanita U. Pochhi
 Co-Convenor
 Prof. Head of Dept. Botany

Mr. Mukund D. Kolte
 Organizing Secretary
 Asst. Professor Dept. Botany

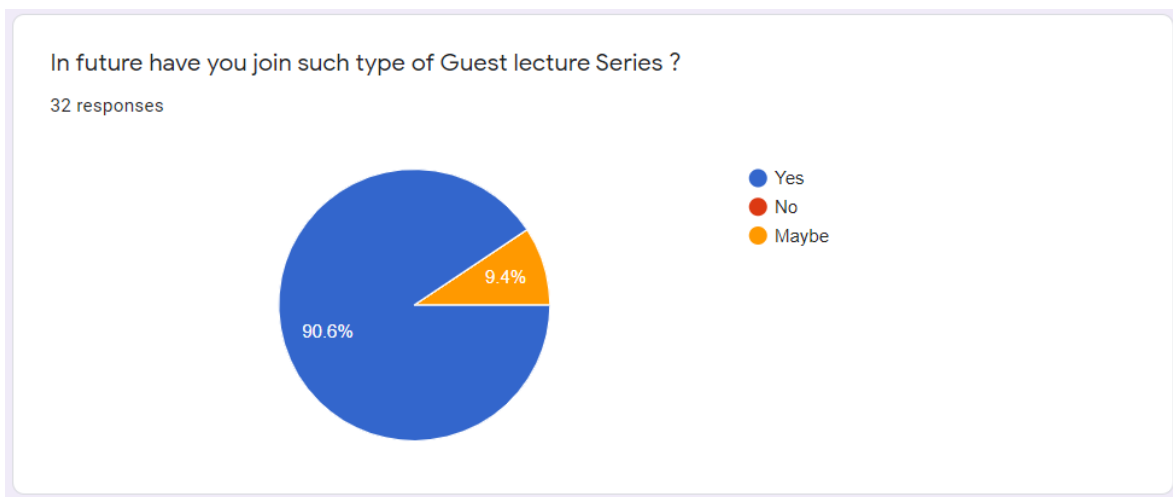
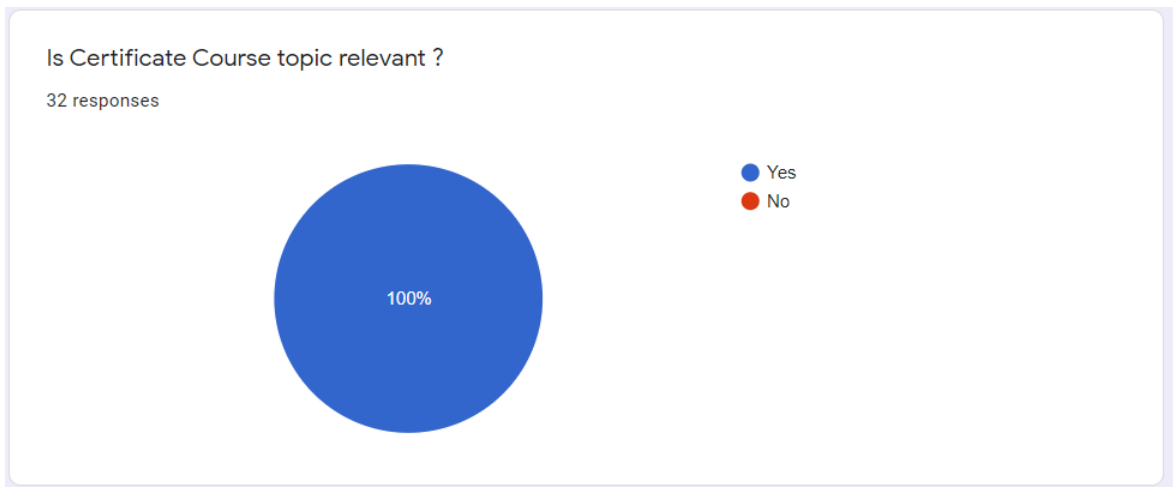
Mr. Dilip L. Gavande
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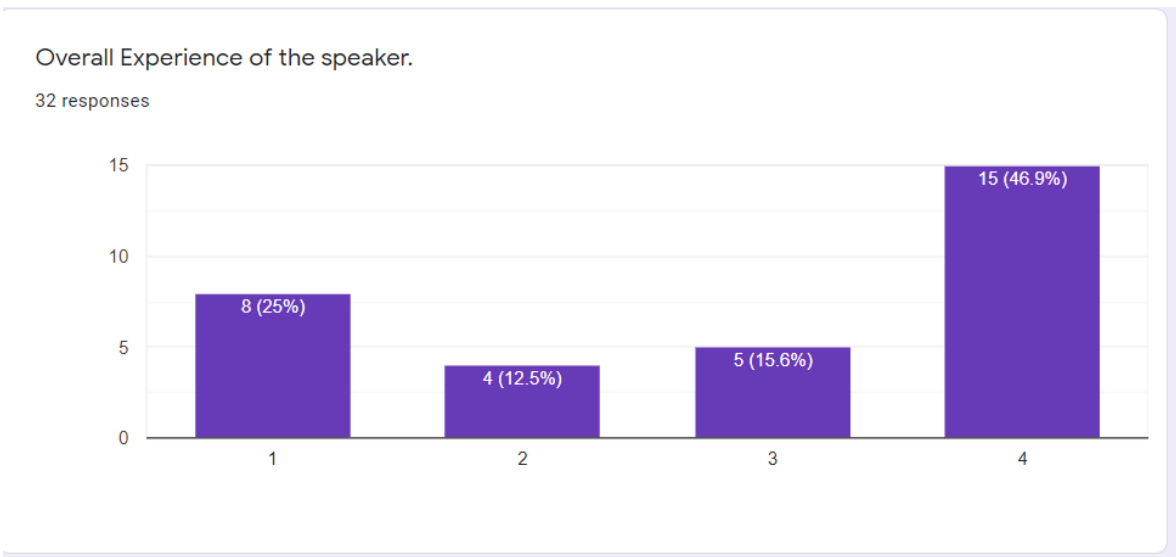
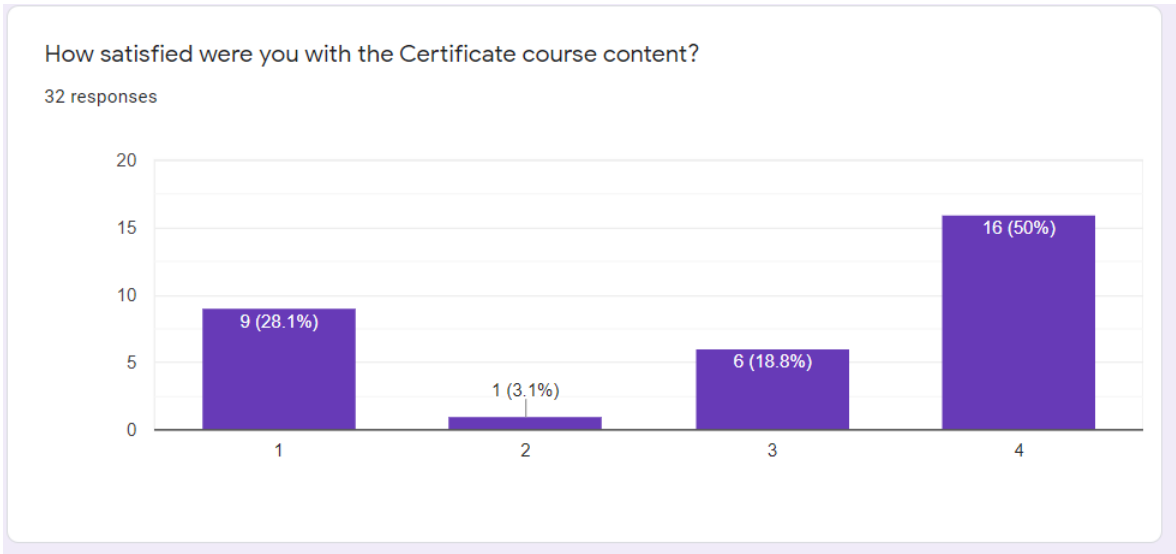
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Feedback Analysis and Action taken

Out of all participants 32 students fill the feedback form about this guest lecture series and overall their analysis is given bellow.



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Any other Suggestions

20 responses


- No
- Nice
- ..
- Learn so many things
- Nothing
- Not
- Very nice organisation
-
- .

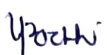
Activity & Action Taken report of lecture Series of Certificate Course in Plant Propagation and Nursery Management


Action taken on Feedback Analysis

- 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.

Here I am submitting the brief **Activity Report** and **Action Taken Report** of guest lecture series on certificate course in Plant Propagation and Nursery Management.


Mr.D.L.Gavande
Course Coordinator
Department of Botany


Dr. V. U.Pochhi
Professor and Head,
Department of Botany
HEAD.
Department of Botany
Shri Shivaji Science & Arts College
CHIKHLI, Dist. Buldana


Dr.O.S.Deshmukh
Principal,
Shri Shivaji Science and Arts
College, Chikhli.
Principal
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College, Chikhli, Dist. Buldana