



Shri Shivaji Education Society, Amravati's

SHRI SHIVAJI SCIENCE & ARTS COLLEGE

CHIKHLI, DIST. BULDHANA (M.S.)

Accredited by NAAC B⁺⁺Grade (CGPA 3.00), SQAAC: "A⁺" Grade College

PM-USHA: Component -3 Grants (To Strengthen College),
ISO 9001:2015, Career Katta

Report On PM-USHA Sponsored

Certificate Course on Plant Propagation & Nursery Management

Duration: 03/08/2025 to 13/02/2026

Time: 09.00 am to 10.00 am

Organizing Committee

Dr. P. R. Padole
Principal

Dr. S. I. Jukkalkar
PM-USHA Coordinator

Dr. V. U. Pochhi
IQAC Coordinator & Head, Botany

Mr. D. L. Gavande
Course Coordinator

Mr. M. D. Kolte
Member

Miss. S. M. Waghare
Member

Mr. S. A. Kakde
Member

2025-26

Department of Botany

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Certificate Course on Plant Propagation and Nursery Management



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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. UGC Sponsored career Oriented Program & NSQF courses are key courses running to develop skill in students.

Objective of the course

1. To introduce students to basic and advanced methods of plant propagation
2. To provide hands-on training in nursery raising and management
3. To develop skills in seed treatment, vegetative propagation, and plant care
4. To promote sustainable horticulture and environmental conservation
5. To encourage self-employment and startup opportunities in nursery and agriculture sectors

Aim of the course

The aim of the course was to impart theoretical knowledge and practical skills in plant propagation techniques and nursery management, enabling students to develop professional competence, self-employment potential, and eco-entrepreneurship skills in the field of plant sciences.

Course Content (Module/Syllabus)

The course was designed with a balanced combination of **theory and practical components**, covering the following major areas:

Course Content (Modules):

Module 01: Sexual and Asexual Methods of Plant Propagation

Theory:

- Plant propagation: Meaning and importance
- Sexual reproduction in plants
- Asexual reproduction and its advantages

Certificate Course on Plant Propagation and Nursery Management

- Comparison between sexual and asexual propagation

Practical:

- Identification of sexual and asexual propagated plants
- Observation of reproductive structures

Module 02: Seed Biology, Seed Treatment, and Germination Techniques

Theory:

- Seed structure and types
- Seed dormancy and viability
- Seed treatment methods (physical, chemical, biological)
- Factors affecting seed germination

Practical:

- Seed treatment using chemicals and bio-agents
- Germination tests and viability testing

Module 03: Vegetative Propagation Methods

Theory:

- Cutting (stem, root, leaf)
- Layering (simple, air layering)
- Grafting (approach, wedge, cleft)
- Budding (T-budding, patch budding)

Practical:

- Preparation of cuttings
- Demonstration of layering, grafting, and budding techniques

Module 04: Nursery Layout and Management

Certificate Course on Plant Propagation and Nursery Management

Theory:

- Types of nurseries
- Nursery layout design
- Soil media preparation
- Potting mixtures and containers
- Plant maintenance practices

Practical:

- Preparation of nursery beds
- Soil and potting mixture preparation
- Potting, watering, and maintenance of plants

Module 05: Scientific Methods for Plant Growth and Protection

Theory:

- Plant nutrition and fertilizers
- Biofertilizers and organic manures
- Plant growth regulators
- Pest and disease management in nursery

Practical:

- Application of fertilizers and growth regulators
- Identification of nursery pests and diseases
- Demonstration of plant protection measures

Module 06: Nursery Entrepreneurship and Employability Opportunities

Theory:

- Nursery as a business

Certificate Course on Plant Propagation and Nursery Management

- Basics of entrepreneurship
- Cost–benefit analysis
- Marketing of nursery plants
- Employment and self-employment opportunities

Practical:

- Preparation of simple nursery project report
- Visit to a commercial nursery
- Interaction with nursery entrepreneurs

Course Structure and Course Name:- Plant Propagation and Nursery Management

Number of Modules: 06

Number of Theory (Hours): 50

Number of Practical (Hours): 100

Examination Scheme

Internal Marks: 20

Theory Marks: 30

Practical Marks: 50

Total Marks: 100

Eligibility and Participants

The course was open to:

- **Undergraduate students**
- **Postgraduate students**

A total of **40 students** participated in the course:

Certificate Course on Plant Propagation and Nursery Management

Registration link: <https://forms.gle/Us9ejYoxynhYyvbL7>

WhatsApp group link:

https://chat.whatsapp.com/LXOoDbENalaKXLI0cAxwGV?mode=gi_t

Teaching–Learning Methodology

The course was conducted using the following methods:

- Classroom lectures
- Demonstrations
- Hands-on practical training
- Field-based nursery activities
- Interactive sessions and discussions

Special emphasis was given to **skill-based learning and practical exposure**.

Expected Outcomes

After completion of the course, the participants were able to:

- Understand sexual and asexual plant propagation techniques
- Establish and manage a small-scale plant nursery
- Apply scientific methods for plant growth, maintenance, and protection
- Gain employability in nurseries, agriculture, horticulture, and landscaping sectors
- Develop confidence for self-employment and green entrepreneurship

Course Fee: The course was **FREE OF COST** for all participants as it was fully sponsored under the **PM-USHA Scheme**.

Assessment and Certification

Participants were assessed based on:

- Attendance
- Practical performance
- Participation in training activities
- Test

Certificates were awarded to the participants who successfully completed the course.

Resource Persons / Expert Faculty

The course was delivered by experienced faculty members from Botany with Plant Propagation and Nursery Management techniques:

1. **Dr. Suchita Khodke**
Principal, Vinayak Vidnyan Mahavidhyalaya, Nandgaon Kh.
2. **Dr. Dinesh Khedkar**
Professor & Head Dept of Botany, Shri Shivaji Science College, Amravati.
3. **Dr. Rekha Maggirwar**
Professor, Shri Shivaji Science College, Amravati.
4. **Dr. V. U. Pochhi**
Professor & Head, Department of Botany, Shri Shivaji Science & Arts College, Chikhli
5. **Mr. M. D. Kolte**
Assistant Professor, Department of Botany, Shri Shivaji Science & Arts College, Chikhli
6. **Mr. D. L. Gavande**
Assistant Professor, Department of Botany, Shri Shivaji Science & Arts College, Chikhli
7. **Mr. S. A. Kakade**
Assistant Professor, Department of Botany, Shri Shivaji Science & Arts College, Chikhli
8. **Mrs. S. M. Waghare**
Assistant Professor, Department of Botany, Shri Shivaji Science & Arts College, Chikhli

Course Coordination and Administration

- **PM-USHA Coordinator:** Dr. S. I. Jukkalkar
- **Director of the Programme:** Principal, Shri Shivaji Science & Arts College, Chikhli
- **Organizing Committee:** Faculty members of the Department of Botany and Garden Club Amravati.

Curriculum Vitae



Dr. Suchita P. Khodke

Associate Professor,

Department of Botany, Vinayak Vidnyan Mahavidyalaya,

Tq. Nandgaon Khandeshwar, Dist. Amravati - 444708,

Maharashtra, India

☎ +91-9823165900

✉ khodke.suchita@gmail.com

Personal Details

Name : Dr. Suchita P. Khodke

Designation : Assistant Professor

Department : Department of Botany

Date of Birth : 28-03-1972

Address: (Resident) : 8, Near Mukundshri Apartment, Sonal Colony,

Shegaon Road, Amravati-444604

Academic Qualifications

Examination Passed	Discipline	University / Institution	Marks	Class / Division	Year of Passing
B.Sc.	Science	Sant Gadge Baba Amravati University, Amravati	55.77%	Second	1992
M.Sc. (Botany)	Science	Sant Gadge Baba Amravati University, Amravati	71.90 %	First	1994

Research Degree

Examination Passed	Discipline	University / Institution	Thesis Title	Year of Award
Ph. D.	Science	Sant Gadge Baba Amravati University, Amravati	“Arbuscular Mycorrhizal Studies And Management of Crop Fields Under Salinity Degraded Conditions of Purna river sub-basin”	2009

Academic Experience

Sr. No.	Designation	Name of Employer	Date of Joining		Salary with Grade Pay
			Joining	Leaving	
1	Lecturer (Full time against lien Vacancy)	Shri R. R. Lahoti Science College, Morshi	1994	1996	-----
2	Lecturer (Contract Basis)	Vinayak Vidya Mandir , Amravati	2001	21-10-2010	----
3	Assistant Professor	Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.	22-10-2010	02-10-2022	7000AGP
4	Associate Professor	Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.	02-10-2022	Onwards	

Total Experience: U.G. Classes (in years): 13 yrs.

Research Experience

Organization	Designation	From	To
Mycorrhizal biotechnology lab Shri Shivaji Science College, Amravati	Research Scholar	2004	2009

Department of Botany, Vinayak Vidnyan Mahavidyalaya, Nandgaon Kha.	Assistant Professor	2010	2022
Department of Botany, Vinayak Vidnyan Mahavidyalaya, Nandgaon Kha.	Assistant Professor	2022	Onwards
Total Research Experience : 18 yrs			

Research Interests

✚ Mycorrhizal Biotechnology

✚ Taxonomy

Research Publications / Chapters / Books / Conferences / Workshops

International/National Journals	: 25 Appendix - A
Articles / Chapters published in Books	: 02 Appendix - B
International/National Conferences	: 32 Appendix - C
Workshops Attended	: 06 Appendix - D
Total	: 65

Orientation / Refresher Course Attended

Sr. No.	Title of Course	University / Institution	Duration	Sponsoring Agency
1	Orientation Programme	Academic Staff College, Sant Gadge Baba Amravati University, Amravati,	20-11-2012 To 18-12- 2012	UGC

2	Orientation Programme	Academic Staff College, Sant Gadge Baba Amravati University, Amravati,	20-11-2012 to 18-12-2012	UGC
3	Refresher Course in Life-sciences	Academic Staff College, Sant Gadge Baba Amravati University, Amravati,	20-01-2014 to 08-02-2014	UGC
4	Refresher Course in Life-sciences	Academic Staff College, Sant Gadge Baba Amravati University, Amravati,	20-08-2018 to 12-09-2018	UGC
5	Short Term Course on Disaster Management	Academic Staff College, Sant Gadge Baba Amravati University, Amravati	8th – 13th July 2019	UGC
6	Short Term Course women empowerment	Academic Staff College, Sant Gadge Baba Amravati University, Amravati	13-18 January-2020	UGC

Research Projects

Sr.No.	Title of the Project	Name of the Funding Agency	Duration	Amount
1	Biodiversity status of arbuscular mycorrhizal fungi in melghat forest of Satpura terrain with special reference to grasses	UGC (New Delhi)	3 Years 2013-2016	10,31,300/-

Worked as committee Coordinator / Member

✚ Working as IQAC Coordinator

✚ MSEBA-2012

- ✚ Hosted the Youth-led Sustainable Development Programme-2016
- ✚ Worked as Member of Environment Award Committee of Sant Gadge Baba Amravati, University, Amravati 2019-20
- ✚ Executive member of Mycological Society of India- Amravati Chapter- 2021
- ✚ Vice- President Amravati Chambers of Commerce ladies Wing 2019 till date
- ✚ Delivered a talk on ON AMRAVATI RADIO STATION-FEB 2018
- ✚ Working as convener on various committees of college such as women cell, Green Army club, Students development officer, College Development Committee, Library committee

Membership of Professional Bodies, Societies, etc.

- ✚ Life Member of Indian Science Congress
- ✚ Life member, Journal of basic & applied mycology, Jabalpur
- ✚ Life member of Indian Mycological Society
- ✚ Life member of Indian Rose Federation
- ✚ Marathi Vidnyan Parishad , Mumbai
- ✚ Indian Rose Federation
- ✚ Life Member of Amravati Gardn club Amravati

Declaration

I hereby declare that all the information furnished above is true, complete, and correct to the best of my knowledge and belief.

Date: **17th March 2022**

Dr. Suchita P. Khodke

Research Publications in International/National Journals

1. R.C. Maggirwar, **S. P. Khodke**, P.W. Deotare & G.B.Hedao " Spore syndrome of arbuscular mycorrhizal fungi recovered from the undisturbed natural eco-system of pura river sub basin of Amravati(M.S), India" *Journal of science information :special issue-3 2 feb2012* (2012): pp 47-49
2. Dr. Varsha Deshmukh & **Dr. Suchita Khodke** " Feminism in India a Dinention of Human Rights " *International Interdisiplinary Vol-1* (2012): pp 340-341
3. Hedawoo. G. B, Sontakke, N. R., Patharkar, S. P., Maggirwar. R. C, **Khodke S. P.** " Diversity of pathogenic fungi on some medicinal and ornamental plants from Amravati region " *Journal of Science Information :special issue-3 feb2012* (2012): pp 103-106
4. Hedawoo. G. B, Sontakke, N. R., Patharkar, S. P., Maggirwar. R. C, **Khodke S. P.** " Diversity of pathogenic fungi on some vegetables and pulse(legume) crops from Amravati region " *Souvenir National Conference on Biodiversity and its Conservation-2012* (2012): pp51-55
5. R. C. Maggirwar, Kalbande A. G., **S. P. Khodke**, P.W. Deotare & G. B. Hedao. " Incidence of Mycorrhizal fungi in *Santalum album* L. from Amravati " *National seminar on recent trends and innovative development in the various frontiers of life science* (2014)
6. **Khodke S. P.**, R.C. Maggirwar, P.W. Deotare " Growth response of *Helianthus annus* L. in salt affected soil with indigenous AM fungi under varying level of phosphorus " *National seminar on recent trends and innovative development in the various frontiers of life science* (2014)

7. **S. P. Khodke**, R. C. Maggirwar and P. W. Deotare " Mycorrhizal diversity in and around cultivated *Rosa* species " *Bioscience,Biotechnology Research Communications* 5(2)2012 (2012): pp 225-228
8. **S. P. Khodke** " Arbuscular mycorrhiza and dark septate fungal association in *Curcuma* sp." *Int. Jour. Of Innovations in Bio-sciences Vol2(3)* (2012): pp 142-145
9. R. C. Maggirwar, G. P. Mavaskar, **S. P. Khodke**, P. W. Deotare and G. B. Hedawoo " Influence of hosts on mass multiplication of *Glomus fecundisporum* " *National conference on Recent Trends in Biosciences* (2012)
- 10.**S. P. Khodke**, R. C. Maggirwar, P. W. Deotare, G. B. Hedawoo, D. D. Khedkar " Arbuscular mycorrhiza and dark septate fungal association in *Costus speciosus* (Koem.Ex.Retz) Sm " *Innovative Research Trends in Biological Sciences;* (2012): pp 130-132
- 11.Maggirwar R. C, Tayde S. S., **Khodke S. P.**, Deotare P. W and Hedawoo G. B. " Incidence of Arbuscular Mycorrhizal and Dark Septate Fungal association in *Dioscorea* species " *Int.J.of Life Sciences,2013,vol.1(3)*: (2013): pp 161-164
- 12.**S. P. Khodke**, P.W. Deotare, R. C. Maggirwar and B. N. Umrikar Hedawoo " Groundwater Quality Assessment For Agricultural Suitability From Purna River Sub-Basin Area, Maharashtra" *Global J.of BioSc.and Bio tech.Vol 3(1)2014* (2014): pp : 70-73
- 13.Deotare P. W., Metkar S. S., Maggirwar R. C. and **Khodke S. P.** " AMF status of naturally growing *Opuntia humifusa* " *Int.J.of Life Sciences,2014,Vol.2(1)* (2014): pp :63-66
- 14.Maggirwar, R. C., Parimal, S. S., **Khodke, S. P.** and Deotare, P. W. " Arbuscular Mycorrhizal and Dark Septate Endophytic Association In Some Grasses From

AMRAVATI (M.S.) " *International Journal of Development Research Vol. 4, Issue, 12,(2014): pp 2611-2614*

15.S. P. Khodke, P.W. Deotare and R. C. Maggirwar "Occurrence Of Arbuscular Mycorrhizae In Degraded Crop Fields Of Purna River Sub -basin " *International Journal of Innovative Science, Engineering & Technology Vol. 1 Issue 10 (2014): pp 2348-7968*

16.R. C. Maggirwar, P. W. Deotare and **S. P. Khodke** " Efficiency of Indigenous AMF Species on Growth of Soybean(*Glycine max* L.) under varying levels of Phosphorous in saline condition" *International Journal of Science and Research(IJSR) Vol.5 Issue 3, (2016): pp 2124-2126*

17.R. C. Maggirwar, G. B. Hedawoo, **S. P. Khodke** and P. B. Bobade " Effect of *Glomus Fecundisporum* Schenck and Smith on Plant Growth and P-Uptake in *Vigna radiata* L" *IJBAT,Special Issue (2), Vol-V,July 2017 (2017)*

18.Maggirwar R. C., **Khodke S. P.**, **Deshmukh S. B.** and **Malokar S. G.** " Soil Trap Culture of Strawberry associated AM fungi from Melghat (M.S.) India " *Int. J. of Life Sciences, Special Issue, A8 Sept. 2017 (2017)*

19.Dr. S. P. Khodke and **Dr. R.C. Maggirwar** " Mycorrhiza Natural Gardener " *Gardyn Vol.38(1) pp 25-27 (2018): pp 25-27*

20.P. W. Deotare, **S. P. Khodke**, R. C. Maggirwar and S.K. Kharwade " Arbuscular Mycorrhizal and endophytic (DSE) association in the dominant grasses of Melghat forest (Phase -I), India" *Plantae Scientia 01/06/March 2019, (2019): pp 87-98*

21. P. W. Deotare, **S. P. Khodke**, R. C. Maggirwar & S. K. Kharwade " Arbuscular Mycorrhizal and Endophytic (DSE) association in the dominant grasses of Melghat Forest (Phase- II), INDIA " *Jour. Plant Sci. Res.* 36(1-2) (2020): pp 211-224
22. Ragini Zade, **Suchita Khodke** and Rekha Maggirwar " Studies of AM Fungi Associated With TAGESTES ERECTA, From Melghat Forest, Maharashtra." *International Jou.Of Recent Scientific Research.* Vol.12, Issue, 03(A) pp- (2021): pp 41207-41210
23. K. G. Wankhade, Dr. R. C. Maggirwar & **S. P. Khodke** " Soil Trap Culture of AM Fungi Associated in DENDROCALAMUS SPECIES From Wadali lake(M.S.)" *World Journal of Pharmaceutical and Life Sciences.* Vol.7.Issue-4, (2021): pp 118-122
24. R.C. Maggirwar, **S.P.Khodke**, P.W. Deotare & G.B.Hedao " Priti Dhakulkar,Suchita Khodke & Rekha Maggirwar " *International Journal of Science Technolgy & Management Vol-10,special issue-1* (2021)
25. Maggirwar R. C., **Khodke S. P.**, and Pandit PS " Incidence of AM Fungi in Bamboo species from Wadali,Amravati(M.S.) India." *Int.J.of Life Sciences,2020;8(1):* (2020): pp 123-127

Appendix - B

Chapters published in Books

26. "A Text Book of Botany Paleobotany, Gymnosperms, Morphology &Utilization of plants (Nabha Prakashan)" *Morphology* (2018): pp 65-83
27. " GRIN-E-BOOK Published –Amravati garden club " *Methods of Propagation* (2021): pp 19-29.

Research Papers in International/National Conferences

28. "National Conference on Modern Approaches and Innovations in Biotechnology and Biodiversity Conservation" *Amravati* (28-30 Jan 2007)
29. "National Conference on Frontiers in plant diseases: Diagnosis and management" *Nilanga, Dist. Latur* (3 – 4 Jan. 2010)
30. "National Conference on Climate change and its Consequences" *Amravati* (12 – 13 January 2010)
31. "National seminar on Biotechnology for Agriculture, Health, Industry and Environment" *Nagpur* (20 – 21 Februry 2010)
32. "National Conference on Current Scenario on Global Challenges in Germplasm Conservation and Biodiversity" *Nagpur* (7-8 July2010)
33. "33rd Conference of Indian Botanical Society and International Symposium on the new Horizons of Botany" *Kolhapur* (10-12 Nov 2010)
34. "29th All India Rose Convention and Rose show of the Indian Rose Federation" *Amravati* (14-16 Jan 2011)
35. "National Conference on Recent Advances in Mycological Research" *Madras* (8-9 Feb 2011)
36. "Workshop on Academic Performance Indicator(API)System" *Amravati* (23 June 2011)
37. "National Seminar on Status of Biodiversity in India 2011-11" *Badnera, Amravati* (10-11 Dec 2011)
38. "4th International Congress of Environmental research" *Surat* (15-17 Dec 2011)

39. "National Seminar on Recent Trends in Plant Biotechnology" *Warud* (28 Jan 2012)
40. "National Conference on Biodiversity Conservation for a Better Biosphere"
Anandwan, Warora (2 Feb 2012)
41. "National Conference on Mycodiversity with its Sustainable Exploration and Biotechnological Applications" *Amravati* (6-7 Feb 2012)
42. "National Conference on Biodiversity and Its Conservation" *Buldana* (17-18 Mar 2012)
43. "National Conference on Recent Trends in Biosciences" *Khamgaon* (27th -28th July 2012)
44. "Regional workshop on Identification of Grasses" *Karanja(Lad), Washim* (1st Sept 2012)
45. "National Conference on Innovative Research Trends in Biological Sciences" *Akola* (8th -9th Sept 2012)
46. "International Symposium and XXII Annual Conference of IAAT on Innovative Prospects in Angiosperm Taxonomy" *Amravati* (28-30 Octo 2012)
47. "IInd World Congress for Man&Nature-2012" *Nagpur* (3rd -5th Nov 2012)
48. "National Conference on Advances in Life Sciences: Present & Future" *Amravati* (11th -12th Jan2013)
49. "One-day workshop on importance of mushroom: cultivation technology and mushroom recepies" *Amravati* (25th Jan 2013)
50. "Workshop on DNA Isolation, Estimation & Electrophoresis" *Vidya Bharati Mahavidyalaya, Amravati* (30th Mar2013)

51. "Workshop on "Presentation skills for professionals" Amravati Chamber of Commerce and Industries" *Amravati* (13th -14th Apr,2013)
52. Two days National workshop on "PCR, RFLP and Primer Designing" *Dept. of Botany, CIC and Cistron Integrated Systems, Mumbai* (22-23 Feb,2014)
53. "Akhil Bhartiya Marathi Vidhnyan Parishad" *SGBAU, Amravati* (5-7 Dec 2014)
54. "Programme on Science and Technology for Human Development" *Shri Shivaji Science College, Amravati* (9-10 Mar 2015)
55. "National Seminar on Aspects and Appraisal in Plant Science" *Late Pundlikrao Gawali Art and Science College Shirpur* (15 Mar 2015)
56. "World Women Conference- Shodh Swatahacha" *Vidarbha Youth Welfare Society, Amravati* (11th Feb 2016)
57. "One day national e-conference Medicinal & Wild Edible plants" *Smt Radhikabai Sarda arts, commerce & science college Anjangaon surji* (22nd June 2020)
58. "International E-Conference on Strategies & challenges in Higher education during Pandemic" *GVISH AMRAVATI* (15-17 MAY 2020)

Appendix - D

Workshops Attended

59. "Hands-on training in Statistics using R" *Dept. of Botany RTMNU, Nagpur* (23-25 July, 2016)
60. "Regional workshop on Research Based Pedagogical Tools" *IISER Pune and SSSC Amravati* (26-28 June, 2018)
61. "Workshop on Hanging basket and Seasonal plants" *Amravati Garden club & Dept. of Botany, Vidyabharti Mahavidyalaya, Amravati* (20 Oct, 2018)

62. "National Seminar on Revised Accreditation Framework and Inst. Preparation: An overview" *Vidya Bharati Maha. Amravati* (9th March 2019)
63. "7 Days online program on Identification & Characterization of Medicinal plants" *Ambika Prasad RES. Found. Bhubanshwar Orissa* (June-2020)
64. "7 Days online program on Microbial Techniques" *Ambika Prasad RES. Found. Bhubanshwar Orissa* (June-2020)
65. "Online one-week Faculty Development programme on NAAC" *VIDYA BHARATI MAHA. AMT UGC SPONSORED* (1-7 June 2020)

Career Credentials

Dinesh Dayaramji Khedkar



Professor and Head, Dept of Botany, Shri Shivaji Science College, Amravati
Member, Academic Council, Sant Gadge Baba Amravati University, Amravati
Chairman, Board of Studies in Botany, SGBAU
Member, Board of Research, SGBAU

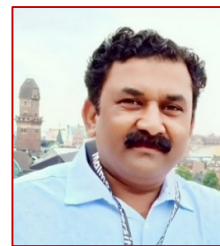
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Department of Botany
Shri Shivaji Science College
Shivaji Nagar, Amravati – 444 603, M.S. (India)
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Residence:

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Kathora Road, Amravati. - 444 604, M.S. (India)
Website: www.dineshkhedkar.co.in Email: sonudin@gmail.com
Contact No.: 0721-2530473; **Mobile:** 94236 22287; **Fax:** 0721-2553969

Personal Profile Summary



Name:	Dinesh Dayaramji Khedkar
Institute	Shri Shivaji Science College, Amravati, MS 444603
Designation:	Professor and Head
Department:	Botany
Mobile No:	9423622287
Personal Website:	www.dineshkhedkar.co.in
E-Mail:	ddkhedkar@shivajiscamt.org sonudin@gmail.com
Teaching Experience:	Since 21.07.1998 till the date
Teaching Expertise:	Bioinfo, Mole. Bio., Physiology, Biotechnology, Personality & Career
E-Content Channel:	YouTube , Personal Website , Authorstream
Research Experience:	25 Years,
Area of Research:	Water Biology, Phyto-Pharmacognosy, Diversity and In-Silico Studies
Research Platform links:	Scopus , Orcid , Goo gle Scholar , Researchgate , LinkedIn , Vidwan
Positions Held:	<ul style="list-style-type: none">• Chairman, Board of Studies in Botany, SGBAU Amravati• Member, Academic Council, SGBAU Amravati• Member, Board of Research, SGBAU Amravati• Secretary (India), Asian Association for Biology Education• ABRSM, National Council Academic Prakoshtha• Advisory Member and Ex-President, Amravati Garden Club, Amravati• National Team Manager, Sant Gadge Baba Amravati University• Divisional Coordinator, SHREYAS for JD (HE)• BoS Member; RSTMNU, Nagpur and PAHSU, Solapur• Member, Think Tank, Shri Shivaji Education Society, Amravati• Level 2 Trainer, RBPT Development, DBT, GoI, New Delhi• Foldscope Super Trainer, Biotech Consortium India, New Delhi• Level 2 Trainer, MS DEED Programe, IISER, Pune• Member, CDC, Shri Shivaji Science College, Amravati• Member, IQAC, Shri Shivaji Science College, Amravati• Expert in Research and Recognition Committee, RSTM Nagpur University
Academic Contribution:	Major Events organized: National and International Conferences (05), Workshops (09), Trainings (03), Camps (05 Inspire) Invited Talks: 105(Conferences, Universities, Institutes, Camps and Colleges) Books / Articles Published OR Edited: 14 Memberships: International Organization of Science and Technology Education, Asian Association for Biology Education, Teacher's Domain Multimedia Resource Centre; Dolan DNA Learning Centre, Cold Spring, etc.
Research Contribution:	Recognized as Research Guide: Ph.D.-Botany (8/12/2009) and M.Phil.-Botany (22/09/2009) for Sant Gadge Baba Amravati University, Amravati Research Publications: Published– 32 (Scopus Indexed 18); Presented - 32 Research Guidance: Awarded: M.Phil. – 02, PhD – 04, M. Sc. – 43; Presently Working Students: PhD – 06, M.Sc. – 4 Research / Consultancy Projects: Major: 06 (Grant), Minor - 6 Life Membership: Indian Water Works Association, Indian Association for Environmental Management, Society of Cytologists and Geneticist. Abroad Presentation: 03 Greece, Turkey, Sweden, Denmark, France, Italy, UK
Other Significant Contributions / Achievement:	Research paper Reviewer: Elsevier, Springer Nature, NorCal, Publons, SAGE, IKPress, Horizon, etc. Research Referee for: Boston University, Arizona State University, Ashoka University, IISERs, Nanyang Technological University, IIT Bombay, Tata Institute of Fundamental Research, University of Barcelona, Catalan Institute of Nanoscience and Nanotechnology, Lincoln University, etc.

Awards:	Selected by UPSC as Education Officer in 2004 Batch Best Paper Award: <ol style="list-style-type: none"> National conference on Recent Trends in Biosciences at Khamgaon National Conference on Effect of Free Radical on Global Warming, at Warud, 31st March, 2012. National Conference on Recent Trends in Conservation of Biodiversity at Karanja, 12th March, 2016. Best Teacher (2019), Sant Gadgebaba Smruti Seva Purskar (2019) Best Divisional Coordinator, Career Katta (2023, 2024 and 2025)
Grants Mobilized for College and Society:	<ul style="list-style-type: none"> Major Research Projects (03): $10+8.75+8 = 26.57$ L (MoEF, DBT) Students Consultation: $1.08+0.78+1.65+0.75+9.75+9.75 = 23.76$ L (DST, NCSTC, MoY, College, etc.) Teachers' Development: $6.8+0.75+1.5+1.8+0.75+4=15.6$ L (DST, IISER, TIFR, HBCSE, etc.) SIAC (Science Centre): $250 + 102.29 = \sim 3.52$ Cr (RGSTC + Shri Shivaji Education Society) Star College Project: 2.223 Cr (For 3 Yrs), DBT Builder: 3.0 Cr (For 5 Yrs) ASPIRE, MSME: 2.0 Cr. (Shortlisted and PSC presented)
Institutionalizations	<ul style="list-style-type: none"> Innovative Pedagogy Development Centre, Shri Shivaji Science College, Amravati Dr. Panjabrao Deshmukh Minor Research Project Grant Scheme, Shri Shivaji Science College, Amravati Start-up Support System under Start Up and Entrepreneurship Development Cell (ED Cell), Shri Shivaji Science College, Amravati Innovator Fellowship under Innovation Cell, Shri Shivaji Science College, Amravati Consortium of Botany Students: Dr. M. A. Dhore Memorial Digital Classroom Dnyanodaya Virtual Botany Classroom: In the Fond Memory of Dr Dnyaneshwar G Bhandange
Major Contribution in Subject:	NET/ SET Counselling, Molecular Biology Workshop, Creation of Virtual Classroom, PCR Workshops, Syllabus designing, etc
At Shri Shivaji Education Society Level:	Dr. Panjabrao Deshmukh Memorial Science Centre, Anant Deshmukh Career Academy, Think Tank Member, Yuva Bhushan, Shivaji Vidnyan Parishad, Scrutiny Committee Member, etc.
Development of the Students:	Motivational Programme, Behavioural Training Programme, Skill Development Workshop, Personality Analysis and Career Determination, Competitive Exam, Entrepreneurial Personality Development, Global Competency Training Programme, Student Exchange Programme
Major Contribution for Teaching and Research Development:	International and National Conference, Shivaji Vidnyan Parishad, Innovative Pedagogy Development Centre, Activity Based TLE, Research Based Pedagogical Tool Development, Collaboration and MoUs, Development of CIC,
Social activities:	Amravati Garden Club, Ecofriends, WECS, प्रयास सेवांकुर

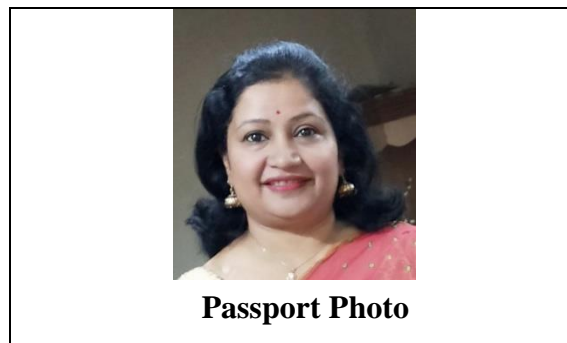
Place: Amravati.
Date: 25.11.2025



(D. D. Khedkar)

Personal Profile

Name: REKHA C. MAGGIRWAR
Designation: Professor of Botany, Head (In-charge) Dept. of Micro & Biotech
Department: Department of Botany
Mobile No: 9822576066
Personal Website: -----
E-Mail: -----



Teaching Experience: 19Years
Teaching Expertise: Cytology genetics, Plant Biotechnology
E-Content Channel: -----

Research Experience: 25Years
Area of Research: Mycorrhizal Biotechnology
Research Platform links: [ORCID](#) [Google scholar](#)

Positions Held:

1. Member of BoS in Botany
2. Amravati district coordinator for Board of Students Development, SGBAU
3. Coordinator of “*Ecofriends*” an extension activity of department of botany
4. NSS- CO- Programme Officer
5. Secretary Amravati Garden Club, Amravati.
6. Joint secretary Indian Women Scientists’ Association (IWSA) Amravati
7. Certified Soft Skill Trainer of SGBAU
8. Convener- Payoshni Girls Hostel, Earn & Learn Scheme
9. Convener of College Youth Festival Committee
10. SGBAU Youth Festival 2021 Committee member
11. College and District Co-ordinator for Career Katta
12. Convener of co-curricular and NSD committee
13. Member Research Culture Promotion Committee, AQAR Committee
14. SGBAU Master trainer for CBCS
15. Psychological Counselor, SGBAU

Academic Contribution: **Courses organized:** “Garden Revitalizing Ideal Necessities: GRIN, Bridge Course
Member for FDP on Emotional Intelligence, Design Thinking
i) Oranized Student exchange programme at Assam-2018-19
ii) Anchoring and Committee member for INSPIRE camps
iii) Chapter in Book for soft skills and Botany
iv) Innovative Pedagogy: L1 RBPT and its implementation.
v) Resource person- Chrysanthemum and Seasonal Plants workshops

Invited Talks: 30

Books / Articles Published OR Edited: 05(Chapters)

Memberships:

1. International Organization of Science and Technology Education, Asian Association for Biology Education.

Research Contribution:

Recognized as Research Guide: Ph.D.-Botany (14/03/2019) for Sant Gadge Baba Amravati University, Amravati

Research Publications: Published– 40; Presented - 42

Research Guidance: Awarded: M. Sc. – 27

Presently Working Students: PhD – 04, M.Sc. –3

Research / Consultancy Projects: Major: 01 (Completed), Minor -01 (Completed)

Life Membership:

1. Mycological Society of India
2. Indian Rose Federation

Abroad Visits for Research Paper Presentation: Reduit, Mauritius, Incheon, South Korea, Sri Lanka, Bangkok.

Other Significant Contributions:**Activities Conducted:**

1. Ecofriends- Matiche Ganpati Abhiyan (2015-2025)

Any Other:

1. Research projects Grant received- UGC (WRO) 65,000/-
UGC (New Delhi) 10,31,300/-
2. Delivered talks as certified soft skill trainer of Sant Gadge Baba Amravati University, Amravati.
3. Resource Person for Garden Club workshops
4. Worked in the capacity of psychological counsellor for corona patients

Curriculum Vitae



Name : Dr. Vanita Uttamrao Pochhi
Qualification : M.Sc. Ph. D
Designation : Professor and Head of the Department of Botany
College : Shri .Shivaji Science and Arts College Chikhli
Address : Shivaji Nagar, Ward no. 5
Cell No. : 9890964215
E-Mail :vanitapochhi@gmail.com
Date of Birth : 5th May 1966
Date of joining : 9th September 1991
Nationality : Indian
Academic Qualification Details :

Examination passed	College/ Institute	Board/ University	Subject/ Specialization	Year of passing	Division/ Grade
S.S.C.	Rashtriya High School	Nagpur Board	Science	1982	I st
H.S.S.C. (10+2)	Jagadamb Mahavidyalaya, Achalpur	Amravati Board	Science	1984	II nd
B.Sc.	Bhartiya Mahavidyalya, Amravati	Sant Gadge Baba Amravati University, Amravati	Science	1988	Ist
M.Sc.	Vidarbha Mahavidyalaya, Amravati	Sant Gadge Baba Amravati	Botany	1990	Ist
Ph.D.	Sant Gadge Baba Amravati University, Amravati	Sant Gadge Baba Amravati University, Amravati	Ethnoveterinary m	2012	

Curriculum Vitae

Experience: Teaching	: 35 Years	
Research	: 25 years	
Ph.D. Thesis Title	:	
Ph.D. Supervisor	: Sant Gadge Baba Amravati, University, Amravati	
Area of Research	: Medicinal plants	
Ph. D/ M. Phil Guidance	: 04 students registered	
Paper Published	: 14	
Paper Presented	: International – 07	National-15
Book Published	: NIL -	04
Articles Published	: NIL-	02
Invited Talk & Guest Lectures	: 5	15
Conference/Workshop Attended	: International	National
Position Held	1) IQAC Co-Ordinator 2) Head of the department 3) Member Board of Studies 4) Member of College Development Committee	
Awards/Scholarships	HOD of the year Award 2021 by Institute of Scholars, Bengaluru	

Works on Various University Committees:

1. Senate member in 2000-2005
2. Member of Board of Studies in Botany.
3. Moderation committee
4. Subject Expert in Placement committee.
5. Member in Affiliation Committee.
6. Worked as Examiner in “YURANG” of Uttar Maharashtra University, Jalgaon.
7. Worked as Member in Squad Committee of University exam.
8. Worked as NSS Taluka CO-Ordinator.
9. Worked as Examiner in District level Avishkar Competition.
10. Member of REC committee as a Research supervisor in Botany.

Curriculum Vitae

RESEARCH PROFILE

1. Research Papers published in journals:

Sr. No	Title	Name of Authors as mentioned in paper	Journal, Vol. No., Page No. Year	Impact Factor if any	ISSN/ ISBN No.
1.	Ethno-veterinary medicinal plants and its conservation status in the Buldana District.	Dr. Vanita U. Pochhi	Journal of Science information	----	ISSN2 229-5836
2.	Study of Plant Biodiversity of Buldana District and its Veterinary Uses	Dr. VanitaU. Pochhi	International Multilingual Research Journal Printing Area www.vidyawarta diogs	3.024	ISSN 2394-5303
3.	Climatic Change and its Impact on Human Health.	Dr. Vanita U. Pochhi	. Page no.32-34. Oct. 2015 Research Journal Gyan Ganga ISSN2395- 4442	---	ISSN2 395-4442
4.	Ethno veterinary plants used in Animal Health care Practices by livestock owners from Buldana District.	Dr. Vanita U. Pochhi	. Page no. 39-42 Vidya Bharti International Interdisciplinary Research Journal www.viirj.org	---	ISSN2 319-1979 YES -- -
5.	Anatomical and Phytochemical study of <i>Crinum latifolium</i> L.	Dr. Vanita U. Pochhi	Page no. 63 June 2016 International Multilingual Research Journal Vidyavarta www.vidyawarta. diogs.com	3.102	ISSN - 2319 - 9318 YES
6.	Ethno botanical study of Wild vegetables from Lonar Taluka, Distt. Buldana	Dr. Vanita U. Pochhi	Page no.80. July 2016 Printing Area International Multilingual Research Journal	3.024	ISSN - 2394 - 5303
7.	Efficacy of Phytochemical Evaluation of <i>Viscum articulatum</i> Burm, used for Animal health care.	Dr. Vanita U. Pochhi	Page no.220 -221 March 2017 International Journal of Applied Research www.allresearch journal, com	8.4	ISSN - 2394 - 7500
8.	Plants Used in Ethno - Veterinary Medicines by Tribal Peoples in Betul District, Madhya Pradesh,	Dr. Vanita U. Pochhi	Page no. 34 -39 March 2017 International Journal of Applied Research www.allresearch journal	8.4	ISSN - 2394 - 7500
9.	Tribal medicine formulation (TMF) used by Tribal Practitioners for Foot and Mouth disease in Animals from Buldana district, Maharashtra --	Dr. Vanita U. Pochhi	December 2017 Printing Area International Multilingual Research Journal	4.002	ISSN - 2394 - 5303

Curriculum Vitae

10.	Physicochemical and Phytochemical Evaluation of <i>Soymida febrifuga</i> (ROXB A, Juss) Used by Herbal Healers for livestock.	Dr. Vanita U. Pochhi	January 2018 International Journal of Current Engineering and Scientific Research www.troindia.in	4.552	ISSN - 2394 - 0697
11.	Role of ICT in the Process of Teaching -Learning	Dr. Vanita U. Pochhi	Page no. 188 -190 September 2018 Scholars Impact an International Multidisciplinary Multilingual Research Journal www.scholars impact.com	0.654 Referre d UGC Listed No. 41129 5	ISSN - 2394 - 7632
12.	Preliminary Phytochemical Screening and Antibacterial activity of <i>Peucedanum Nagpurnse</i> prain.	Dr. Vanita U. Pochhi	Page no. 21 -26 Feb.2019 Research Journey www.researchjou rney.net	6.261 --	ISSN - 2348 - 7143
13.	Role of IQAC in Improving Quality in Higher Education.	Dr.D.B. Bobade And Dr. Vanita U. Pochhi	Page no.55-57 Vol.no.7 February 2021The Research Journal.net	4.126	ISSN: 2454- 7301
14.	Phytochemical Evaluation and Antibacterial Activity of Leaf Extract of <i>Jasminum Officinale</i> Against Oral Pathogens in Ulcer Treatment.	Dr. VanitaU. Pochhi	Page no.55-62 Vol.no.18 April 2021.International Journal of Science Technology and Management	6.3	ISSN 2394- 1537

2. Full Papers in Conference proceedings:

Sr. No.	Name of Conference	Level	Title of Paper	Name of Authors as mentioned in paper	Place & Date	ISSN/ ISBN No.
1.	Climate change and Challenges in Biodiversity Conservation	National	Impact of Climate Change of Individuals December 2009	Dr. Vanita U. Pochhi	Ferguson College, Pune	
2.	Climate Change and Its Consequence	National	Say NO- to Plastics - White Pollution January 2010	Dr. Vanita U. Pochhi	Bhartiya Mahavidyalaya, Amravati	
3.	Problem of Project Affected People and Human Right	National	A Healthy Environment is a Human Right	Dr. Vanita U. Pochhi	Shri. Shivaji Science and Arts college, Chikhli	ISBN -978- 93- 81171 -62-2

Curriculum Vitae

					Dist.Buldana	
4.	A Mirror Approach to Women's Problem	National	Educational Problems of Women in Buldana District M.S. (2012)	Dr. Vanita U. Pochhi	Shri. Shivaji Science and Arts college, Chikhli Distt.Buldana	ISBN-978-93-81171-99-8
5.	Environmental Pollution and Diseases (2013)	National	Environmental impact and Organism Response	Dr. Vanita U. Pochhi	Shri.Dr.R.G. Rathod Arts and Science College Murtizapur	
6.	Education and Socioeconomic Development	National	Against Women: Security and Law	Dr. Vanita U. Pochhi	North Maharashtra, Jalgaon	
7.	Recent Trends in Science and Technology	International	Pharmacognostical, Ethnopharmacological And Phytochemical Study of <i>Careya arborea</i> Roxb.	Dr. Vanita U. Pochhi	S.S.S.R. Mahdavi dyalaya , Karanjalad. Distt.Was him	
8.	Recent Trends on Conservation of Natural Resource	National	Conservation of Medicinal plant Diversity through Cultivation and Utilization (2018)	Dr. Vanita U.Pochhi	Mata Jijabai G.P.C. College Motiabela, Indore	

Curriculum Vitae

3. Papers presented in Conferences / Seminar / Symposia /Workshop:

Sr. No.	Title of Paper	Title of Event	Level	Date	Organizer
1.	Observations on Some Ethno veterinary Plants from Buldana district	Modern trends in Plant in Plant sciences with special reference to the Role of Biodiversity in conservation	International	17 th - 20 th February 2005	Department of Botany, Amravati university Amravati
2.	Ethno botany of <i>Costus speciosus</i> from Ambabarva tribal region of Buldana district	Recent Innovations in Herbal drug	National	24 th January 2009	Mahatma Fule Arts, Commerce and Sitaramji Choudhari sci, Mahavidyalaya Warud Dist. Amravati
3.	Ethno veterinary Medicinal plants from Buldana district	Ethno botany	National	1st March 2009	M.B. Patel College of Arts, Commerce and Science College, Sakoli
4.	Ecosystem and Human Health	XXXIII Conference of Botanical society and International Symposium on the new Horizons of Botany	International	10 th -12 th November	Shivaji university Kolhapur
5.	Diversity of Ornamental Tree from Amravati District (2011)	Status of Biodiversity in Indi	National	10 th -11 th December 2011	R. D. I.K. And K.D. College Badnera
6.	A Medico botanical Study in Relation to Veterinary Medicines of Buldana district.	Innovative Research Trends in Biological Sciences	National	8 th 9 th Septmber 2012	Shri Shivaji college of Arts, Commerce and science, Akola
7.	Ethno-veterinary Healthcare Practices in Tribal areas of Buldana District, Maharashtra, India	International Symposium and XXII IAAT Conference	International	28 th 30 th October 2012	Department of Botany Sant Gadge Baba Amravati University, Amravati
8.	Herbal Remedies Used in Animal healthcare in Buldana district.	Recent Trends in Life Sciences	National	18 th -19 th August 2015	Dada Patil Mahavidyalaya Karjat, Distt. Ahmednagar
9.	Impact on climate change on Agriculture	Natural Resources Management and sustainable Agriculture	International	20-21 January 2017	New Arts, Commerce and Science college. Parner Distt. Ahmednagar
10	Evaluation Of the Medicinal Plant resources from Ambabarva Forest, Distt. Buldana and Strategies for conservation	Recent Trends in Biotechnology and Biodiversity (NCBB)	National	22 nd and 23 rd September 2017	Shivaji Science College, Amravati
11.	Role of Soil Microorganisms in Plant Mineral Nutrition.	Sustainable Environment and Agricultural Technological Progression and Transitions	International		Academy of Eco science And CESCRA New Delhi

Curriculum Vitae

12	Phytochemical and Physicochemical Analysis of Carallum adscendens (Roxb)	Innovative Research trends in Life sciences	International		Shri Shivaji college of Arts, Commerce and science, Akola
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4. Conferences / Seminar / Symposia / Workshop Attended:

Sr. No.	Theme	Level	Date	Organizer
1.	Recent Advances in Ethno botany	State level	24 th and 25 th December	Department of Botany Shri.Shivaji Arts, Commerce and Science college, Akot
2.	One day Seminar on Family Planning	District Level	24 th October 2001	Anuradha Engineering College, Chikhli
3.	Management innovations for Conservation of Fresh water resources forests and wild life special emphasis on tribal areas	National level	2-3 December 2002	Gopikabai Sitaram Gawande Mahavidyalaya, Umerkhed
4.	Curriculum Designing in Botany and Zoology	Regional level	2 February 2003	Jijamata Mahavidyalaya, Buldana
5.	New UGC Curriculum in Botany	University level	12 th September 2004	Department of Botany, Amravati University Amravati
6.	Gender equality value and Facts	University level	3 rd January 2006	Jijamata Mahavidyalaya, Buldana
7.	Plants in Relation to Man and Biosphere	National level	16-17 th November 2007	St.Xaviers College Mumbai
8.	TOT on Social Harmony and National Unity	National	28 th March -1 st April 2011	Ministry of youth Affairs and sports, Government of India, Sriperumbudur Tamil Nadu
9.	SGBAU Youth festival	University level	22 nd -25 th September 2011	Sant Gadge Baba Amravati, University, Amravati
10.	Academic Performance Indicators under Carrier Advancement Scheme	District level	8 th July 2011	S.P.M Tatyasaheb Mahajan Arts and Commerce college Chikhli
11.	Advances in Life Sciences for Sustainable Rural Development	National	11 th -12 th October 2011	Shankerlal Khandelwal college, Akola
12.	Eco-Diversity and its Management	University level	29 th February 2012	Department of Botany, Sant Gadge Baba Amravati, University Amravati
13.	Awareness of Training and Placement Activities for NSS faculty Co-Ordinator's	University level	23 rd January 2012	Department of student Welfare Sant Gadge Baba Amravati University, Amravati
14.	Clean India -Safe India Awareness	University level	10 th December 2015	NSS Department Sant Gadge Baba Amravati University Amravati
15.	Shodh Swatahacha	International	11 th February 2016	Vidarbha youth welfare Society Amravati
16.	Role of Universities in creating skilled human resources towards	University level	21 st May 2016	SGBAU and Skill development and Entrepreneurship

Curriculum Vitae

	startup India			departmentGovt.of Maharashtra
17.	Recent Trends in life Sciences and Material Science	National level	14-15 th March 2016	Rashtrapita Mahatma Gandhi Arts and Science college Nagbhid
18.	Botanical Nomenclature Course	State	9 th -12 th February 2017	Botanical Survey of India
19.	Effective Functioning of IQAC for NAAC Accreditation	National	29 th July 2018	G.S. College Khamgaon
20.	Orientation and Awareness for College Co-coordinators	District level	11 th September 2018	Shri.Shivaji Science and Arts college Chikhli
21	Scope of Botany, beyond the phylogeny characterization to application-oriented research	National level	8 th -9 th February 2019	Mahatma fule Mahavidyalaya, Warud
22	Unnat Bharat Abhiyan	State level	11 th March 2019	Model Degree College, Buldana
24	Revised Naac Accreditation, NIRF and RUSA 3	University level	26 th April 2019	Rusa Maharashtra, Joint Director Amravati, SGBAU Amravati
25	Innovative and Best practices in Higher Education	National	26 th July 2019	Modern college of Arts, Science and Commerce college Pune
26	Filling and Submitting online AQAR	National	27 th December 2019	Shri.Vanktesh Arts, commerce and Science college Deulgaon Raja
27	Emerging Trans -Disciplinary Approaches in Bio-Sciences	National	23-24 December 2019	Department of Botany, M.S.P. Mandals Deogiri College Aurangabad
28.	Fungal systematic and Technological Advances	National	29 th -30 th November 2020	Shri Shivaji Science College, Amravati.

5. Invited Lectures & session Chairmanship:

Sr. No.	Title	Academic Session	Event	Level	Date	Organizer
1.	Invited Talk	2010-2011	Agriculture development Workshop	University level	25 March 2011	Pankaj laddhad institute of Technology and Management studies, Buldana
2.	Chairmanship	2015 - 2016	National Conference	National	18 th -19 th August 2015	Dada Patil Mahavidyalaya, Karjat
3.	Jury Member	2017-2018	International Conference	International	22 nd and 23 rd March 2018	S.S.K.R Innani Mahavidyalaya, Karanja
4.	Guest of Honor	2019-2020	Poster competition and Photo exhibition	Inter-University	1 st February 2020	Shri. Shivaji college of Arts, commerce and science college, Akola
5.	Keynote Speaker National Conference	2017-2018	Innovative Trends in life sciences	National	23 rd December 2018	Shri. Vankyatesh Arts, commerce and science college, Deulgaon Raja

Curriculum Vitae

6.	Chaired session	2019-2020	National Conference	National	24 th January 2020	Shri.RLT College Akola
7	Chaired Plenary Session	2019-2020	International Conference	International	3 rd to 5 th December 2020	Shri.Shivaji Science and Arts college Akola
8	Keynote Speaker	2019-2020	Workshop on Sexual Harassment of Women in the Workplace	University level	13 March 2021	SPM College, Chikhli
9	Keynote speaker	2020-2021	National Webinar	National	6 th June 2020	LBNGAG, College Sakherkherda
10	Guest lecture	2021-2022	World Fungus day	College level	28 th September 2021	Shri.Pundlik Maharaj college Motala

6. Year wise Research Guidance:

Sr. No.	Year	Degree (M.Phil/PhD)	No. of Students		
			Enrolled	Awarded	Submitted
1.	2018-2019	Ph.D.	01	-	
2.	2019 -2020	Ph. D	02	-	

7. Training Courses, Teaching-Learning-Evaluation Technology Programme, Faculty Development Programmes (not less than one-week duration)

Sr. No.	Programme	Duration	Organized By
1.	Refresher course	25 th June-18 th July 1997	SGBAU, Amravati
2.	Orientation Course	17 th July-9 th August 1998	SGBAU, Amravati
3.	Refresher course	2 nd -25 th June 2001	RSTM University, Nagpur
4.	Short term Course	20 th 25 th January 2014	SGBAU, Amravati
4.	Short term Course in Human Right	28 th October 3 rd November 2015	Shri. Shivaji science and Arts college Chikhli
5.	Revised Naac Methodology for the IQAC coordinators of Affiliated colleges	29 th to 31 st January 2019	Rashtriya Uchchatar shikha Abhiyan And Sant Gadge Baba Amravati University, Amravati
6.	Naac Assessment and Accreditation	21 st -26 th May 2020	Shri.ShivajiCollege,Parbhani
7.	Advanced concepts for developing Moocs	2 nd July to 17 th July 2020	Ramanujan college University of Delhi

Curriculum Vitae

8. Book Published

Sr. No.	Title & Page No.	Authors	Type of Book	Publisher	ISSN/ISBN No	No. of Co- authors
1.	A Mirror Approach to Women's Problem	Dr.N.B. Bhusari Dr.V.U. Pochhi. Dr.M.T. Nikam	National	Atharv Publication Jalgaon	ISBN- 978-93-81171- 99-8	02
2.	A Text Book of Practical Botany	Dr. Vanita U. Pochhi	University level	Nabh Prakashan	ISBN- 978-81-905776- 105-	03
3.	Ethno veterinary Plants from Buldana District	Dr. Vanita U. Pochhi	Monograph	--	--	01
4.	A text Book of Botany Semester III	Dr. Vanita U. Pochhi	University level	Dnayanpath Publication, Amravati	ISBN 13978 - 93- 87278- 12-	04

9. Editorial BoardMember:

Sr. No.	Title & Page No.	Type of Books	Publisher	ISSN/ISBN No	No. of Co- authors
1.	A text Book of Botany Semester III	Text Book	Dnyanpath Prakashan, Amravati	ISBN 13978 - 93- 87278- 12-7	03

10. EventsOrganized:

Sr. No.	Events	Level	Funded By	Date	Position
1.	National level Conference on A Mirror approach towards women's problem	National	Registra tion fee	3 rd January 2012	Convener
2.	Hands on Training in plant Tissue Culture	Universit y level	Registra tion fee	2014	Organizing Secretary
3.	Wild vegetable Competition	District level	Registra tion fee	15 September 2015	organizing Secretary
4.	Wild vegetable Competition	State level	Registra tion fee		Organizing secretary
5.	Ecofriendly Ganesh idol preparation workshop	District level	Registra tion fee		Organizing secretary
6.	Hands on Training in plant Tissue Culture	Universit y level	Registra tion fee		
7.	Soft Skill Development Workshop	College level	SGBAU, Amravati		
8.	Microgeen and Healthy Nutrition workshop	National		8 th March 2020	Organizing secretary
9.					

Curriculum Vitae

11. Special Achievement: Award HOD of the year 2021, INSC, Bangalore

12. Other Memberships: 1. Membership of International Union for Scientific Education and Research.

2. Membership of Indian Science Congress

3. Membership of Indian Scholar Institute Bangalore, Karnataka

Faculty Profile



Name : Dilip Laxman Gavande
Qualification : M.Sc., NET(JRF), SET & GATE
Designation : Assistant Professor
College : Shri Shivaji Science & Arts College, Chikhli
Department : Botany
Address : At Post. Avhana Tq. Bhokardan Dist Jalna.
Maharashtra 431114
Cell No. : 9011138879
E-Mail : dilipgavande92@gmail.com
Date of Birth : 22/06/1992
Date of joining : 24/09/2019

Academic Qualification Details :

Degree/ Exam Passed	Year of passing	Board /University	Subject	Percentage	Rank	Division/ Class/ Grade	Remark
Ph.D.	-	SGBAU, Amravati	Botany	-	-	-	(Perusing)
CSIR-NET	2018	CSIR-UGC	Life Science	56	AIR 68		Qualified (JRF)
SET	2018	SPPU Pune	Life Science	61.7			Qualified
GATE	2018	IIT GUWAHATI	Life Science	31.33	AIR 1868		Qualified
CSIR-NET	2017	CSIR-UGC	Life Science	48.5	AIR 36		Qualified
M.Sc.	2017	Dr.B.A.M.U. Aurangabad.	Botany	81.3		A++	
B.Sc.	2014	Dr.B.A.M.UAuran gabad.	Bot,Zoo,Chem	77.62		First Class	
H.S.C.	2010	Aurangabad	Bio,Chem,Phy, Maths	61.50		First Class	
S.S.C.	2008	Aurangabad		73.38		First Class	

Faculty Profile

Experience: Teaching : 06

Research : 05

Ph.D. Supervisor : Dr. Vanita Pochhi

Area of Research : Mycology and PlantPathology

Conference/Workshop Attended : International: 02 National: 02

RESEARCH PROFILE

1. Conferences / Seminar / Symposia / Workshop Attended:

Sr. No.	Theme	Level	Date	Organizer
2.	Emerging Trans-Disciplinary Approaches in Bio-Sciences	National	23/12/2019-24/12/2019	Department of Botany Deogiri College, Aurangabad (M.S.)
3.	Hands on Training in Plant Tissue Culture	University	17/02/2020	Shri Shivaji Science & Arts College Chikhli, Dist. Buldana (M.S.)
4.	Recent Trends in Plant Science	International	15/05/2020	Shri D. H. Agrawal. Arts, Shri. Rang Avandhoot Commerce, Shri. C. C. Shah & M. G. Agrawal Science College, Navapur (M.S.)
5.	Health Hygiene and Higher Education	International	30/05/2020	Department of Zoology & Economics, SantRawoolMaharajMahavidyalaya, Kudal. (M.S.)
6.	NAAC: Revised Assessment & Accreditation Framework (Workshop)	National	18/06/2020	J.M. Patel Arts, Commerce & Arts College, Bhandara (M.S.)
7.	National Multilingual Problem & Opportunity in Agriculture: In and After Covid-19.	National	25/06/2020	Anekant Education Society, Jaysingpur College, Jaysingpur(M.S.)

Faculty Profile

2. Training Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programmes (not less than one week duration)

Sr. No.	Programme	Duration	Organized By
1.	NAAC Assessment & Accreditation (A&A) for Affiliated Colleges	08/06/2020 to 13/06/2020	Vinayakrao Patil Mahavidyalaya, Vaijapur (M.S.)
2.	ONLINE 7 TH FACULTY INDUCTION PROGRAMME / ORIENTATION PROGRAMME	13 th Dec. 2021 to 13 th Jan.2022	UGC-HRDC RANI DURGAWATI UNIVERSITY, JABALPUR, M.P.
3.	UGC Sponsored Refresher Course- Life Science	09 th Oct. 2023to 21 st Oct. 2023	HRDC Sant Gadge Baba Amravati University, Amravati

3. Events Organized:

Sr. No.	Events	Level	Funded By	Date	Position
1	Coordinator of State Science Talent Search Exam	Sate	---	17/01/2020	Co-Coordinator
2	University level Workshop on Plant Tissue Culture Workshop Organization	University	College	17/02/2020	Organizing secretary
3	Organization of 7 days Online Short term Course on Plant Propagation and Nursery Management.	State	---	05/05/2020 to 12/05/2020	Organizing Secretary
4	Organization of National level Online Webinar in Life Sciences.	National	---	28/07/2020	Organizing member
5	State level poster competition on Energy awareness & Environment Conservation	State	College	12/03/ 2020	Internal Jury member
6	Guest Lecture Series on Plant Propagation and Nursery Management	College	College	14/09/2021 to 23/09/2021	Organizing Secretary

4. Research Publication

Sr. No.	Title of the Paper	Name of Journal	Publisher	Vol. No. (Issue No.)	Page No.	Year	Impact Factor (If any)
1	A STUDY OF THE FAUNAL DIVERSITY OF SHRI SHIVAJI COLLEGE CAMPUS, CHIKHLI DIST. BULDHANA (M.S.)INDIA	International Journal of Applied and Advanced Biology (IJAAB)	International Journal of Applied and Advanced Biology (IJAAB)	Vol.2 Issue 1	18-25	2023	-

Faculty Profile

2	Isolation and Identification of Phytopathogenic Fungi from Potato (<i>Solanum tuberosum</i> L.)	Global Online Electronic International Interdisciplinary Research Journal (GOEIJR)	Global Online Electronic International Interdisciplinary Research Journal (GOEIJR)	Vol. XIII Special Issue VIII	364	2024	IIFS Impact factor :7
3	Phytochemical analysis of Opuntia plant leaf and use on <i>Herpes zoster</i> disease	Global Online Electronic International Interdisciplinary Research Journal (GOEIJR)	Global Online Electronic International Interdisciplinary Research Journal (GOEIJR)	Vol. XIII Special Issue VIII	369	2024	IIFS Impact factor :7
4	Phytochemical analysis of selected plants species and antifungal activity of <i>Catharanthus roseus</i> & <i>Cassia fistula</i>	Global Online Electronic International Interdisciplinary Research Journal (GOEIJR)	Global Online Electronic International Interdisciplinary Research Journal (GOEIJR)	Vol. XIII Special Issue VIII	374	2024	IIFS Impact factor :7
5	Phytochemical analysis of <i>Bombax ceiba</i> thorn extract	Global Online Electronic International Interdisciplinary Research Journal (GOEIJR)	Global Online Electronic International Interdisciplinary Research Journal (GOEIJR)	Vol. XIII Special Issue VIII	380	2024	IIFS Impact factor :7

5. Editor of Book / Chapter in book:

S. N.	Title of Book	ISBN no.	Publisher
1.	Nutritious Wild Edible Vegetables of Buldhana District 2023	ISBN No:978-93-6186-823-8	Atharv Publication Jalgaon
2.	Chapter in Edited Book: Innovation in plant sciences like- Artificial Photosynthesis, Hydrogen Fuel Harvesting, Edible Vaccines, Phytoremediation, Biofortification, Plant based meat alternatives, Smart Responsive Plants etc. Page No.165-175	ISBN No: 978-93-48367-22-8	Sai Jyoti Publication Nagpur

Faculty Profile



Name : Mukund Dnyandev Kolte
Qualification : M.Sc., NET, SET & GATE
Designation : Assistant Professor
College : Shri Shivaji Science & Arts College, Chikhli
Department : Botany
Address : At Mahatpuri Post. Purushottampuri
Tq. Majalgaon Dist. Beed
Cell No. : 8888154009/7620548223
E-Mail : mukundakolte@gmail.com
Date of Birth : 08/01/1993
Date of joining : 23/09/2019

Academic Qualification Details :

Examination passed	College/ Institute	Board/ University	Subject/ Specialization	Year of passing	Division/ Grade
S.S.C.	City Madhamik Vidaylaya, Pedgaon	Aurangabad		2008	First
H.S.S.C	KDK, College, Parva road Parbhani	Aurangabad	Bio, Chem, Phy & Crop Science	2010	Second
B.Sc.	Deogiri College, Aurangabad	Dr. BAMU, Aurangabad	Botany, Zoology & Chemistry	2015	First
M.Sc.	Government Institute of Science	Dr. BAMU, Aurangabad	Botany	2017	A
Ph.D.	Shri Shivaji Science & Arts College, Chikhli	SGBAU, Amravati	Botany	Appeared	
NET		CSIR	Life Science	2017	Qualified
GATE		IIT Guwahati	Life Science	2019	Qualified
SET		Savitribai Phule University, Pune	Life Science	2018	Qualified

Faculty Profile

Experience: Teaching : 06

Research : 05

Ph.D. Supervisor : Dr. Vanita Pochhi

Area of Research : Phytochemistry & Allelopathy

Conference/Workshop Attended : International: 02 National: 02

RESEARCH PROFILE

1. Conferences / Seminar / Symposia / Workshop Attended:

Sr. No.	Theme	Level	Date	Organizer
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4.	Recent Trends in Plant Science	International	15/05/2020	Shri D. H. Agrawal. Arts, Shri. Rang Avandhoot Commerce, Shri. C. C. Shah & M. G. Agrawal Science College, Navapur (M.S.)
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7.	National Multilingual Problem & Opportunity in Agriculture: In and After Covid-19.	National	25/06/2020	Anekant Education Society, Jaysingpur College, Jaysingpur(M.S.)

Faculty Profile

2. Training Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programmes (not less than one week duration)

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1.	NAAC Assessment & Accreditation (A&A) for Affiliated Colleges	08/06/2020 to 13/06/2020	Vinayakrao Patil Mahavidyalaya, Vaijapur (M.S.)
2.	12 th Faculty Induction Programme	10 th Nov. 2022 to 07 th Dec. 2022	HRDC. Dr. Harisingh Gour Vishwavidyalaya (A Central University) Sagar. M.P.
3.	UGC Sponsored Refresher Course- Life Science	09 th Oct. 2023to 21 st Oct. 2023	HRDC Sant Gadge Baba Amravati University, Amravati

3. Events Organized:

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Faculty Profile

2	Isolation and Identification of Phytopathogenic Fungi from Potato (<i>Solanum tuberosum</i> L.)	Global Online Electronic International Interdisciplinary Research Journal (GOEIJR)	Global Online Electronic International Interdisciplinary Research Journal (GOEIJR)	Vol. XIII Special Issue VIII	364	2024	IIFS Impact factor :7
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5	Phytochemical analysis of <i>Bombax ceiba</i> thorn extract	Global Online Electronic International Interdisciplinary Research Journal (GOEIJR)	Global Online Electronic International Interdisciplinary Research Journal (GOEIJR)	Vol. XIII Special Issue VIII	380	2024	IIFS Impact factor :7

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2.	Chapter in Edited Book: Foundation of Plant Science and Carrer Development (Tools and Technique for Botany Teachers) 2024	ISBN No: 978-93-48367-22-8	Sai Jyoti Publication Nagpur
3.	Commercialization of Medicinal Plant and Products (A Handbook of Practical Botany VSC Lab VI) 2024	ISBN No:978-93-6409-893-9	Dnyanpath Publication
4.	A Manual of Practical Botany Major Practical-8: Techniques in Microbial Studies, Plant Diseases and Cryptogams and Gymnosperms. 2025	ISBN No:978-81-993461-4-7	Sai Jyoti Publication Nagpur

Certificate Course on Plant Propagation and Nursery Management

Notice

All the students hereby inform that the Department of Botany is starting Six months Certificate Course on Plant Propagation and Nursery Management. Under PM-USHA Soft Component.

Course Details:

Course Title: Certificate Course on Plant Propagation and Nursery Management

Duration: Six Months (3 August 2025 to 13 February 2026)

Eligibility and Participants

The course was open to:

- Undergraduate students
- Postgraduate students

A total of **40 students** participated in the course:

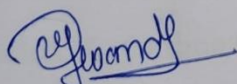
Course Fee: The course was **FREE OF COST** for all participants as it was fully sponsored under the **PM-USHA Scheme**.

Registration link: <https://forms.gle/Us9ejYoxynhYyvbL7>

WhatsApp group link:

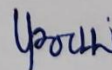
<https://chat.whatsapp.com/LXOoDbENalaKXLI0cAxwGV?mode=gi t>

Course Coordinator



Mr. D. L. Gavande

Head Department of Botany



Dr. V. U. Pochhi

HEAD,

Department of Botany

Shri Shivaji Science & Arts College,

CHIKHOLI, Dist. Buldana

**Activity Report: Certificate Course on Plant Propagation
and Nursery Management**

Aim:

The aim of the course was to impart theoretical knowledge and practical skills in plant propagation techniques and nursery management, enabling students to develop professional competence, self-employment potential, and eco-entrepreneurship skills in the field of plant sciences

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

Organizer: Principal, Shri Shivaji Science & Arts College, Chikhli

Name of Course Coordinator: Prof. D. L. Gavande

Name of organizing Secretary: Dr. V. U. Pochhi, Mr. M. D. Kolte

Organizing Committee: Mrs. S. M. Waghare, Mr. S. A. Kakade

Number of Registered Students for Course - 40

Activity Taken: Department of Botany, Shri Shivaji Science & Arts College Chikhli, organized Certificate Course on Plant Propagation and Nursery Management during duration 03/08/2025 to 13/02/2026. We have prepared syllabus of theory and practical. We also prepared schedule of 06 month for conducting theory and practical. As per Schedule of Certificate course, certificate course started on 03/08/2025 on 09.00 A.M. with brief introductory speech of Dr. V.U. Pochhi, Head of Department. Detailed related to conduction of certificate course, Schedule, Time table, Examination pattern, Passing Criteria explained by Dr. V.U. Pochhi. At 09.30 A.M. classes of Certificate course started. According to Schedule on each day 1 Hour workload is allotted to carry out Theory or Practical sessions. The course ended on 13/02/2026 by completion of 150 Hours session ended with last day hand on training program. After Completion of

Certificate Course on Plant Propagation and Nursery Management

Course, Examination of 30 Marks containing Theory, 50 marks containing Practical and 20 marks Assignment base conducted on 13/02/2026. In last week Certificate course Concluded by Hands on Training Session. On the basis of evaluation, students who have passed examination and filled feedback form allotted Certificate.

Participants:

Number of Registered Students for Course - 40

Week 01:

The 06-month Certificate Course was inaugurated by the principal of the college, Dr. V. U. Pochhi. In his inaugural address, he emphasized the importance of Plant Propagation and Nursery Management. In this course there are 01 lecture per day and practical for the students.

The first lectures are delivered by the HOD of Botany Department, Shri Shivaji Science and Arts College, Chikhli on **Module 01:** - Sexual and asexual methods of plant propagation

Week 02:

The lectures are delivered by the Mr. M. D. Kolte, Department of Botany, Shri Shivaji Science and Arts College, Chikhli. **Module 02:** - Seed biology, seed treatment, and germination techniques

Week 03:

The lectures are delivered by the Mr. D. L. Gavande, Department of Botany, Shri Shivaji Science and Arts College, Chikhli. on **Module 03:** - Vegetative propagation methods such as cutting, layering, grafting, and budding.

Week 04:

The lectures are delivered by the Mr. S. A. Kakade, Department of Botany, Shri Shivaji Science and Arts College, Chikhli. on **Module 04:** - Nursery layout, soil media preparation, potting mixtures, and plant maintenance.

Week 05:

Certificate Course on Plant Propagation and Nursery Management

The lectures are delivered by the Mrs. S. M. Waghare, Department of Botany, Shri Shivaji Science and Arts College, Chikhli. on **Module 05:** - Application of scientific methods for plant growth, protection, and management

Week 06:

The lectures are delivered by the Dr. Suchita Khodke, Principal, Vinayak Vidnyan Mahavidhyalaya, Nandgaon Kh. on **Module 06:** - Basics of nursery entrepreneurship and employability opportunities

Week 07:

The lectures are delivered by the Dr. Dinesh Khedkar, Department of Botany, Shri Shivaji Science College, Amravati. on **Module 01:** - Sexual and asexual methods of plant propagation

Week 08:

The lectures are delivered by the Dr. Rekha Maggirwar, Department of Botany, Shri Shivaji Science College, Amravati. on **Module 02:** - Seed biology, seed treatment, and germination techniques

Week 09:

The lectures are delivered by the Mr. D. L. Gavande, Department of Botany, Shri Shivaji Science and Arts College, Chikhli. on **Module 03:** - Vegetative propagation methods such as cutting, layering, grafting, and budding.

Week 10:

The lectures are delivered by the Mr. S. A. Kakade, Department of Botany, Shri Shivaji Science and Arts College, Chikhli. on **Module 04:** - Nursery layout, soil media preparation, potting mixtures, and plant maintenance.

Week 11:

The lectures are delivered by the Mrs. S. M. Waghare, Department of Botany, Shri Shivaji Science and Arts College, Chikhli. on **Module 05:** - Application of scientific methods for plant growth, protection, and management

Week 12:

Certificate Course on Plant Propagation and Nursery Management

The lectures are delivered by the Dr. Suchita Khodke, Principal, Vinayak Vidnyan Mahavidhyalaya, Nandgaon Kh. on **Module 06:** - Basics of nursery entrepreneurship and employability opportunities

. Week 13:

The lectures are delivered by the Dr. Dinesh Khedkar, Department of Botany, Shri Shivaji Science College, Amravati. on **Module 01:** - Sexual and asexual methods of plant propagation

Week 14:

The lectures are delivered by the Dr. Rekha Maggirwar, Department of Botany, Shri Shivaji Science College, Amravati. on **Module 02:** - Seed biology, seed treatment, and germination techniques

Week 15:

The lectures are delivered by the Dr. V. U. Pochhi, Department of Botany, Shri Shivaji Science and Arts College, Chikhli. on **Module 03:** - Vegetative propagation methods such as cutting, layering, grafting, and budding.

Week 16:

The lectures are delivered by the Mr. S. A. Kakade, Department of Botany, Shri Shivaji Science and Arts College, Chikhli. on **Module 04:** - Nursery layout, soil media preparation, potting mixtures, and plant maintenance.

Week 17:

The lectures are delivered by the Mrs. S. M. Waghare, Department of Botany, Shri Shivaji Science and Arts College, Chikhli. on **Module 05:** - Application of scientific methods for plant growth, protection, and management

Week 18:

The lectures are delivered by the Dr. Suchita Khodke, Principal, Vinayak Vidnyan Mahavidhyalaya, Nandgaon Kh. on **Module 06:** - Basics of nursery entrepreneurship and employability opportunities

Week 19:

Certificate Course on Plant Propagation and Nursery Management

The lectures are delivered by the Dr. Dinesh Khedkar, Department of Botany, Shri Shivaji Science College, Amravati. on **Module 01:** - Sexual and asexual methods of plant propagation

Week 20:

The lectures are delivered by the Dr. Rekha Maggirwar, Department of Botany, Shri Shivaji Science College, Amravati. on **Module 02:** - Seed biology, seed treatment, and germination techniques

Week 21:

The lectures are delivered by the Dr. V. U. Pochhi, Department of Botany, Shri Shivaji Science and Arts College, Chikhli. on **Module 03:** - Vegetative propagation methods such as cutting, layering, grafting, and budding.

Week 22:

The lectures are delivered by the Mr. S. A. Kakade, Department of Botany, Shri Shivaji Science and Arts College, Chikhli. on **Module 04:** - Nursery layout, soil media preparation, potting mixtures, and plant maintenance.

Week 23:

The lectures are delivered by the Dr. Dinesh Khedkar, Department of Botany, Shri Shivaji Science College, Amravati. on **Module 05:** - Application of scientific methods for plant growth, protection, and management

Week 24:

The lectures are delivered by the Dr. Suchita Khodke, Principal, Vinayak Vidnyan Mahavidhyalaya, Nandgaon Kh. on **Module 06:** - Basics of nursery entrepreneurship and employability opportunities

Week 25:

The Last lecture/ Session Hands on Training in Plant Propagation & Nursery Management are delivered by the Dr. Rekha Maggirwar, Department of Botany, Shri Shivaji Science College, Amravati.

Certificate Course on Plant Propagation and Nursery Management

Broucher of the Course :

Objectives of the Course

- To introduce basic and advanced methods of plant propagation
- To provide hands-on training in nursery raising and management
- To develop skills in seed treatment, vegetative propagation, and plant care
- To promote sustainable horticulture and environmental conservation
- To encourage self-employment and startup opportunities in nursery and agriculture sectors

Expected Outcomes

- Understand sexual and asexual plant propagation techniques
- Establish and manage a small-scale plant nursery
- Apply scientific methods for plant growth, maintenance, and protection
- Gain employability in nurseries, agriculture, horticulture, and landscaping sectors
- Develop confidence for self-employment and green entrepreneurship



Department of Botany
Shri Shivaji Science & Arts College, Chikhli

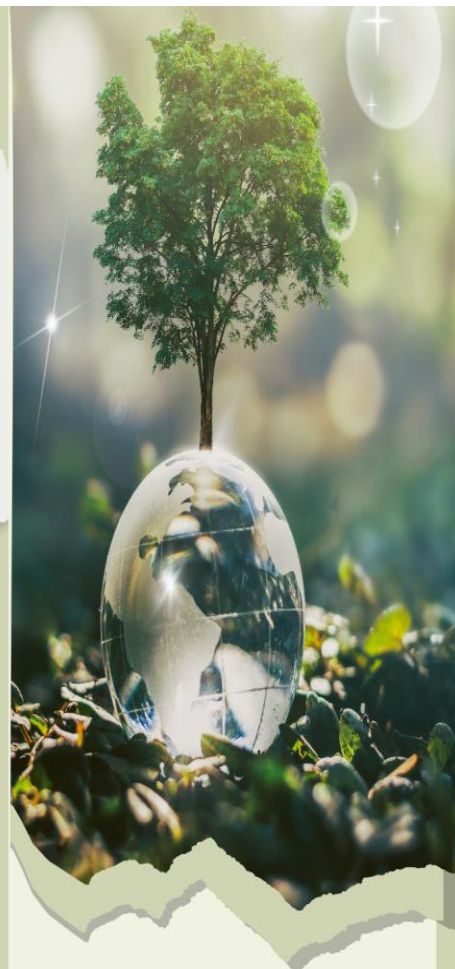
Aim of the Course

To impart theoretical knowledge and practical skills in plant propagation techniques and nursery management, enabling students to develop professional competence, self-employment potential, and eco-entrepreneurship skills in the field of plant sciences.

ADMISSION DETAILS

Admission Starts: 01 August 2025
Last Date of Admission: 07 August 2025
Course Duration: 6 Months
(03 August 2025 – 13 February 2026)
Course Fee: FREE OF COST
(Sponsored by PM-USHA Scheme)

Who Can Apply?
Undergraduate students
Postgraduate students



Shri Shivaji Education Society, Amravati's
Shri Shivaji Science & Arts College,
Chikhli Dist. Buldana – 443201

Department of Botany
Certificate Course
"Plant Propagation and Nursery
Management"

Sponsored by
PM-USHA Component 3.0 (Strengthening of Colleges)

Approved by
Department of Lifelong Learning and Extension
Sant Gadge Baba Amravati University, Amravati

Join us in making a positive impact and beyond!

Certificate Course on Plant Propagation and Nursery Management



Shri Shivaji Education Society, Amravati's

SHRI SHIVAJI SCIENCE & ARTS COLLEGE

CHIKHLI, DIST. BULDHANA (M.S.)

Accredited by NAAC B⁺⁺ Grade (CGPA 3.00), SQAAC: "A⁺" Grade College

PM-USHA: Component -3 Grants (To Strengthen College),
ISO 9001:2015, Career Katta

PM-USHA soft component Hands on training Under Certificate Course on Plant Propagation & Nursery Management

Organized by

Department of Botany & Pre-incubation Center

Date: 13/02/2026

Time: 11.00 AM

Resource Person



Dr. Suchita Khodke

Principal

Vinayak Vidyan Mahavidyalya,
Nandgaon Kh.



Dr. Rekha Maggirwar

Professor

Shri Shivaji Science College,
Amravati.



Dr. P. R. Padole

Principal

Highlights of the Program:

- Live Demonstration
- Training on Nursery Management
- Provided Practical Kit, Potting Mixture and Pots

Organizing Committee

Dr. V.U. Pochhi

IQAC Co-coordinator
& Head, Dept. of Botany

Objectives:

- Basics to Start up Plant Nursery
- Techniques for floriculture
- Propagation Methods
- Bonsai Preparation

Dr. M. E. Jadhav

Asst. Prof.

Coordinator

Pre-Incubation Center

Mr. M. D. Kolte

Asst. Prof.

Convener

Mr. D. L. Gavande

Asst. Prof.

Coordinator

Miss. S. M. Waghare

Asst. Prof. (CHB)

Mr. S. A. Kakade

Asst. Prof. (CHB)

Certificate Course on Plant Propagation and Nursery Management

Photos:



Certificate Course on Plant Propagation and Nursery Management



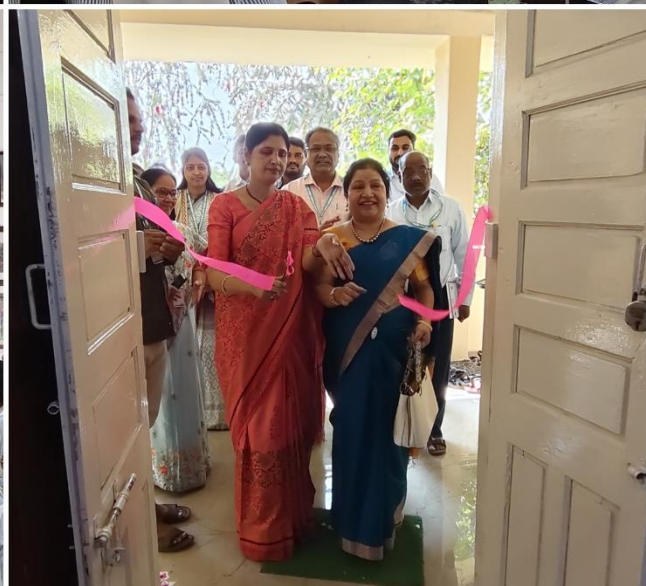
Certificate Course on Plant Propagation and Nursery Management



Chikhli, Maharashtra, India
9727+7v7, Mh Sh 176, Gandhi Nagar, Chikhli,
Maharashtra 443201, India
Lat 20.350639° Long 76.264872°
Friday, 13/02/2026 12:54 PM GMT +05:30



Certificate Course on Plant Propagation and Nursery Management



Certificate Course on Plant Propagation and Nursery Management

Examination:-

Section 1 of 2

Test on Plant Propagation and Nursery Management Certificate Course

Organized by Department Botany Course Under PM-USHA Soft Component

Email *

Valid email

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Name *

Short answer text

Section 2 of 2

MCQ Test: Plant Propagation & Nursery Management **Total Questions: 30 Marks: 30** (1 mark each)

Total Questions: 30 Marks: 30 (1 mark each)

1. What is plant propagation? *

- A) Control of plant diseases
- B) Raising plants from seeds or vegetative parts
- C) Plant nutrition
- D) Plant classification

2. Sexual propagation takes place through: *

- A) Cutting
- B) Layering
- C) Seed
- D) Grafting

3. Which of the following is a method of vegetative propagation? *

- A) Seed sowing
- B) Pollination
- C) Cutting
- D) Fertilization

Certificate Course on Plant Propagation and Nursery Management

4. Which hormone promotes root initiation in cuttings? *

- A) Gibberellin
- B) Cytokinin
- C) Auxin
- D) Ethylene

5. The full form of IBA is: *

- A) Indole Butyric Acid
- B) Indole Boric Acid
- C) Indian Botanical Acid
- D) Internal Biological Acid

6. Grafting involves how many plant parts? *

- A) One
- B) Two
- C) Three
- D) Four

7. Stock in grafting refers to: *

- A) Upper shoot
- B) Rooted lower part
- C) Flower part
- D) Seed

8. Scion is: *

- A) Root portion
- B) Lower part
- C) Upper shoot portion
- D) Leaf

9. Layering is commonly used in: *

- A) Wheat
- B) Rose
- C) Rice
- D) Maize

10. Nursery is defined as: *

- A) Forest area
- B) Place for raising young plants
- C) Storage house
- D) Agricultural field

11. Ideal soil for nursery raising is: *

- A) Heavy clay soil
- B) Sandy soil
- C) Well-drained loamy soil
- D) Rocky soil

Certificate Course on Plant Propagation and Nursery Management

12. Essential factors for seed germination are: *

- A) Light only
- B) Water, air and temperature
- C) Fertilizers
- D) Pesticides

13. Hardening of seedlings means: *

- A) Seed treatment
- B) Making seedlings strong before transplanting
- C) Application of fertilizer
- D) Irrigation

14. Polyhouse is mainly used for: *

- A) Storage of produce
- B) Controlled environment cultivation
- C) Drying of seeds
- D) Compost preparation

15. Shade net is used to: *

- A) Supply water
- B) Apply fertilizer
- C) Protect seedlings from excess sunlight
- D) Control weeds

16. Which plant part is commonly used for cuttings? *

- A) Flower
- B) Seed
- C) Stem / leaf / root
- D) Fruit

17. Budding is a type of: *

- A) Sexual propagation
- B) Vegetative propagation
- C) Seed propagation
- D) Natural dispersal

18. Why is irrigation important in nursery management? *

- A) To increase weeds
- B) For proper growth of seedlings
- C) To compact soil
- D) To spread diseases

19. Transplanting refers to: *

- A) Sowing of seeds
- B) Shifting seedlings to the main field
- C) Harvesting crops
- D) Pruning plants

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20. A common potting mixture contains: *

- A) Soil only
- B) Sand only
- C) Soil + sand + FYM
- D) Compost only

21. FYM stands for: *

- A) Fresh Yield Manure
- B) Farm Yard Manure
- C) Fertilizer Yield Mix
- D) Field Young Manure

22. Grafting knife is used for: *

- A) Pruning
- B) Grafting operation
- C) Harvesting
- D) Digging

23. Seed bed is: *

- A) Storage place
- B) Area prepared for sowing seeds
- C) Compost pit
- D) Irrigation channel

24. One advantage of vegetative propagation is: *

- A) Genetic variation
- B) True-to-type plants
- C) Longer growth period
- D) Higher disease incidence

25. Disease control in nursery is done by using: *

- A) Fertilizers
- B) Fungicides and pesticides
- C) Mulching
- D) Irrigation

26. In air layering, roots develop on: *

- A) Leaf
- B) Flower
- C) Stem
- D) Seed

27. Pruning means: *

- A) Sowing
- B) Removal of unwanted plant parts
- C) Fertilizing
- D) Watering

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28. The main objective of seed treatment is to: *

- A) Destroy seeds
- B) Improve germination and protect seeds from diseases
- C) Delay germination
- D) Increase seed size

29. Weed control in nursery is important to: *

- A) Improve appearance
- B) Reduce competition for nutrients and water
- C) Increase pests
- D) Harden seedlings

30. Shade house is mainly used for: *

- A) Full sunlight cultivation
- B) Partial shade cultivation
- C) Seed storage
- D) Compost preparation

Certificate Course on Plant Propagation and Nursery Management

SHRI SHIVAJI SCIENCE AND ARTS COLLEGE, CHIKHLI DEPARTMENT OF BOTANY

Under PM USHA GRANT 3.0: CERTIFICATE COURSE PLANT PROPAGATION AND NURSERY
MANAGEMENT

Course Duration: 3 August 2025 to 13 February 2026

RESULT ANALYSIS

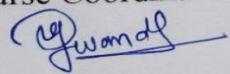
Sr. No.	Name of Student	Internal + Theory (20+30=50 M)	Practical Exam (50 M)	Total (100 M)	Remark
1	Amruta Gupta	43	45	88	Pass
2	Ashvini Vishnu Ingle	43	42	85	Pass
3	Ashwini Arun Mahale	41	43	84	Pass
4	Divya Madhav Solanke	42	41	83	Pass
5	Gayatri Dnyaneshwar Gayaki	45	42	87	Pass
6	Harshali Pralhad Mhaske	42	45	87	Pass
7	Kalyani Santosh Sureshe	41	45	86	Pass
8	Pooja Samadhan Karle	40	45	85	Pass
9	Komal Santosh Dandade	40	45	85	Pass
10	Komal Shivnarayan Deshmane	42	42	84	Pass
11	Naziya Shaikh Shakil Patel	41	41	82	Pass
12	Nikita Bhujangrao Nikhate	45	45	90	Pass
13	Nikita Dattatray Mahale	00	00	00	Not Appeared
14	Nikita Ganesh Samsare	46	40	86	Pass
15	Nutan Vitthal Patil	45	45	90	Pass
16	Vidya Narendra Paturkar	42	42	84	Pass
17	Om Sanjay Gadekar	00	00	00	Not Appeared
18	Pallavi Kautik Lokhande	43	43	86	Pass
19	Pallavi Rajendra Harne	00	00	00	Not Appeared
20	Pranav Shivdas Gadekar	45	45	90	Pass

Certificate Course on Plant Propagation and Nursery Management

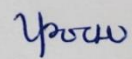
21	Harshada Sandip Theng	48	40	88	Pass
22	Priyanka Pandurang Solanki	45	45	90	Pass
23	Vaishnavi Kisan Ingle	40	40	80	Pass
24	Rahul Vijay Gawai	00	00	00	Not Appeared
25	Rajeshri Ramesh Ingle	43	45	88	Pass
26	Rajeshwari Omprakash Khatri	45	45	90	Pass
27	Rupali Sardarsing Ingle	45	40	85	Pass
28	Sakshi Kishor Kale	45	40	85	Pass
29	Sakshi Shirkisan Dolzake	45	40	85	Pass
30	Sakshi Vilas Borde	00	00	00	Not Appeared
31	Sakshi Vishnu Jadhav	45	40	85	Pass
32	Sanchi Kailas Salve	45	45	90	Pass
33	Shivani Samadhan Parihar	42	45	87	Pass
34	Shivganga Gajanan Solanki	41	45	86	Pass
35	Shweta Shantaram Nikam	45	45	90	Pass
36	Srushti Nitin Deokar	45	45	90	Pass
37	Tejaswini Limbaji Ingle	41	45	86	Pass
38	Vaishnavi Pandharinath Hoge	43	45	88	Pass
39	Yogita Baliram Mahale	45	45	90	Pass
40	Yogita Raju Lamdhade	41	45	86	Pass

Total Number of Students	Number of Students Appeared for the exam	Total Number of students passed	Total Number of students failed
40	35	35	00

Course Coordinator


Mr. D.L. Gervande

HOD


Dr. V. U. Pochhi²⁸

HEAD,
Department of Botany
Sri Shivaji Science & Arts College,
CHIKHLLI Dist. Buldhana

Certificate



The certificate features a decorative border with green and gold wavy patterns. At the top left is the logo of Shri Shivaji Education Society Amravati. In the center is the PM-USHA logo with the text 'पॉइम-उशा PM-USHA'. At the top right is the college's crest with the motto '|| ज्ञानं यत् सर्वं ||'. The text is centered and reads: 'Shri Shivaji Education Society Amravati's Shri Shivaji Science & Arts College, Chikhli Dist. Buldana 443201 NAAC Reaccredited with B++ Grade (CGPA 3.00) Certificate Course "Plant Propagation and Nursery Management" Organized by Department of Botany Sponsored by PM-USHA Component 3 (The Strengthen College) CERTIFICATE This is to certify that Mr./Ms. Ashwini Arun Mahale, B.Sc.III, SSSAC, Chikhli has successfully completed the Certificate Course on "Plant Propagation and Nursery Management" organized by the Department of Botany, Shri Shivaji Science & Arts College, Chikhli, under PM-USHA Component 3 (The Strengthen College). The course was conducted from 03 Aug. 2025 to 13 Feb. 2026. We wish him/her success in all future academic and professional endeavors. At the bottom, there are four signatures and their corresponding titles: Mr. D. L. Gavande (Course Coordinator), Dr. S. J. Jukkalkar (PM-USHA Coordinator), Dr. V. U. Pochhi (IQAC Coordinator & Head Dept. of Botany), and Dr. P. R. Padole (Principal, Shri Shivaji Sci. & Arts College, Chikhli).

Certificate Course on Plant Propagation and Nursery Management

Registration of Students:

Sr. No	Email Address	Full Name	Mobile No.	Full Address	Class
1.	guptaamruta1735@gmail.com	Amruta Gupta	7385779757	Dindayal nagar chikhli	B.Sc.II I
2.	ashviniingle2006@gmail.com	Ashvini Vishnu Ingle	9011572453	At Chandhai po. Palaskhed du. Ta Chikhli,dist. Buldhana	B.Sc.II
3.	ashwinimahale095@gmail.com	Ashwini Arun Mahale	9309341636	At.post kavhala ta. Chikhali dist. Buldana	B.Sc.II
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12.	nikitanikhate475@gmail.com	Nikita Bhujangrao Nikhate	8208569767	At Chadhai post palaskhed Daulat	B.Sc.II I
13.	nikitamahale29@gmail.com	Nikita Dattatray Mahale	9067605745	At Post Kavhala Tal.Chikhli Dist.Buldhana	B.Sc.II I
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20.	pranagadekar.12@gmail.com	Pranav Shivdas Gadekar	8380907071	At post kavhala	B.Sc.I
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22.	pandurangsolanki46@gmail.com	Priyanka Pandurang Solanki	9011610935	At.Patoda, Post.Eklara , ta.chikhli	B.Sc.II I
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27.	rupalieglay@gmail.com	Rupali Sardarsing Ingle	8010196104	At :Amona Post:Shegaon Atol Ta:Chikhali Dist :Buldana	B.Sc.II I
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29.	dolzakesakshi15@gmail.com	Sakshi Shirkisan Dolzake	8261867916	Jai Hanuman Nagar chikhali	B.Sc.II I
30.	radhikaborde136@gmail.com	Sakshi Vilas Borde	7758012033	Shivaji nagar chikhli dist. Buldhana pin 443201	B.Sc.I
31.	sakshi290805@gmail.com	Sakshi Vishnu Jadhav	8766767408	At:Utrada , Po: peth ,TQ: Chikhali, Dist: Buldhana	B.Sc.II I
32.	sanchisalve32@gmail.com	Sanchi Kailas Salve	7447360034	Gajanan Nagar chikhli, near buddha vihar, Chikhli, District buldhana	B.Sc.II
33.	pariharshivani959@yahoo.com	Shivani Samadhan Parihar	8767183125	At post Ancharwadi	B.Sc.I
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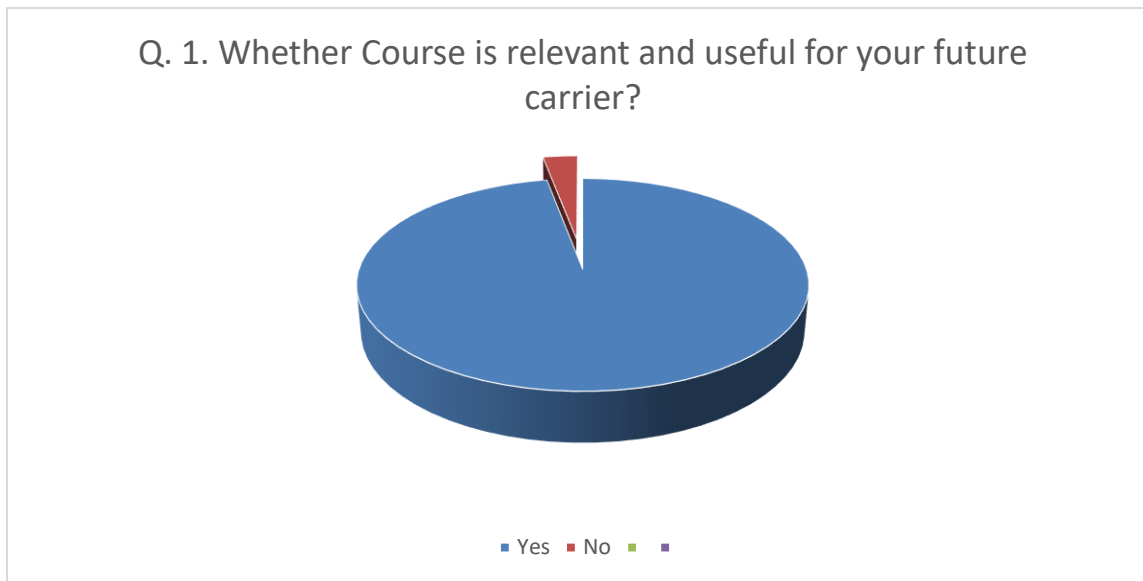
35.	shantaramnikam1313@gmail.com	Shweta Shantaram Nikam	9834748606	At post kesapur Ta+Dist Buldana	B.Sc.II I
36.	nitindeokar321@gmail.com	Srushti Nitin Deokar	9923170348	At khairav po gangalgav ta chikhli dist buldhana	B.Sc.II I
37.	limbajingle5@gmail.com	Tejaswini Limbaji Ingle	9322628343	At_ amona Ta_ chikhali Dist_ buldhana	B.Sc.I
38.	hogevaishnavi1@gmail.com	Vaishnavi Pandharinath Hoge	8208429480	At post Dahigaon ta.Chikhali dist.Buldhana	B.Sc.II I
39.	mahaleyogita82@gmail.com	Yogita Baliram Mahale	7887804462	At post kavhala Ta. Chikhli Dist buldhana	B.Sc.II
40.	viveklamdhade934@gmail.com	Yogita Raju Lamdhade	8208981784	At Post Satgaon Bhusari Ta. Chikhali. Dist . Buldhana	B.Sc.II

Feedback Analysis

After completion of Course feedback from all participants was collected. After the analysis of feedback forms following observations were noted prominently

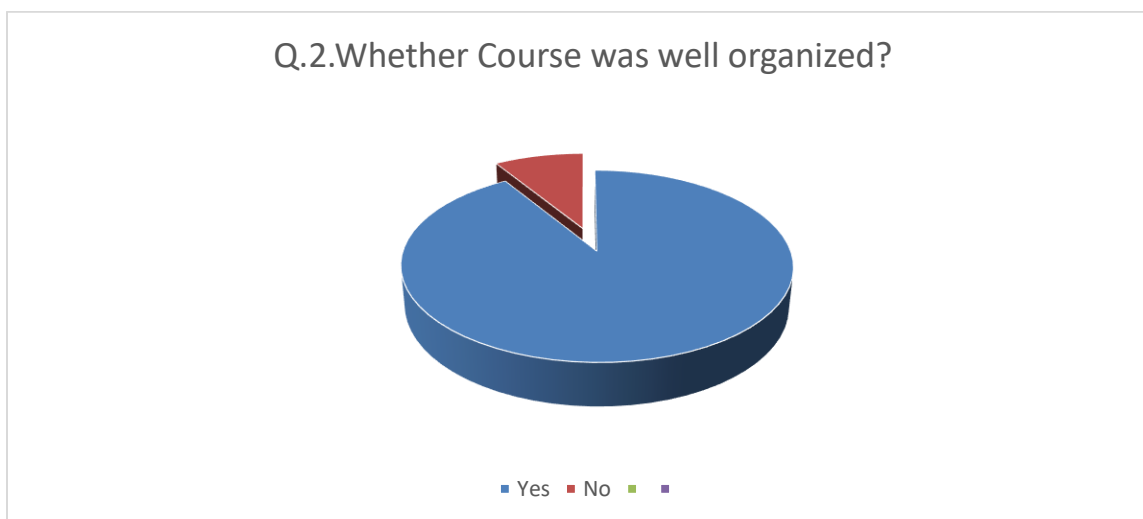
Q. 1. Whether Course is relevant and useful for your future career?

Yes	33	No	01
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Q.2. Whether Course was well organized?

Yes	31	No	03
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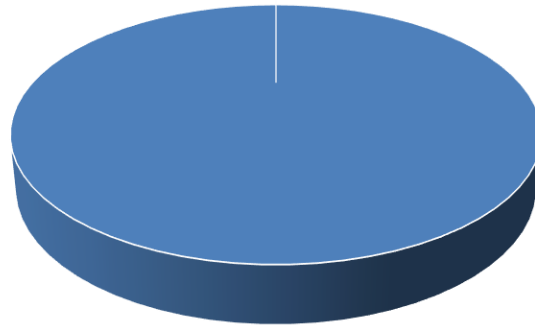


Certificate Course on Plant Propagation and Nursery Management

Q. 3. Whether this Course improves your knowledge?

Yes	34	No	00
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Q. 3. Whether this Course improves your knowledge?

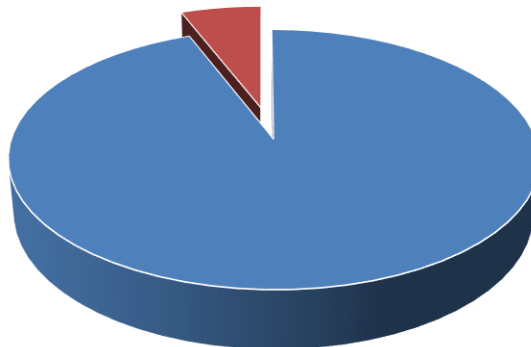


■ Yes ■ No ■

Q. 4. Whether you wish to join such Course in future?

Yes	32		No	02
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Q. 4. Whether you wish to join such Course in future?

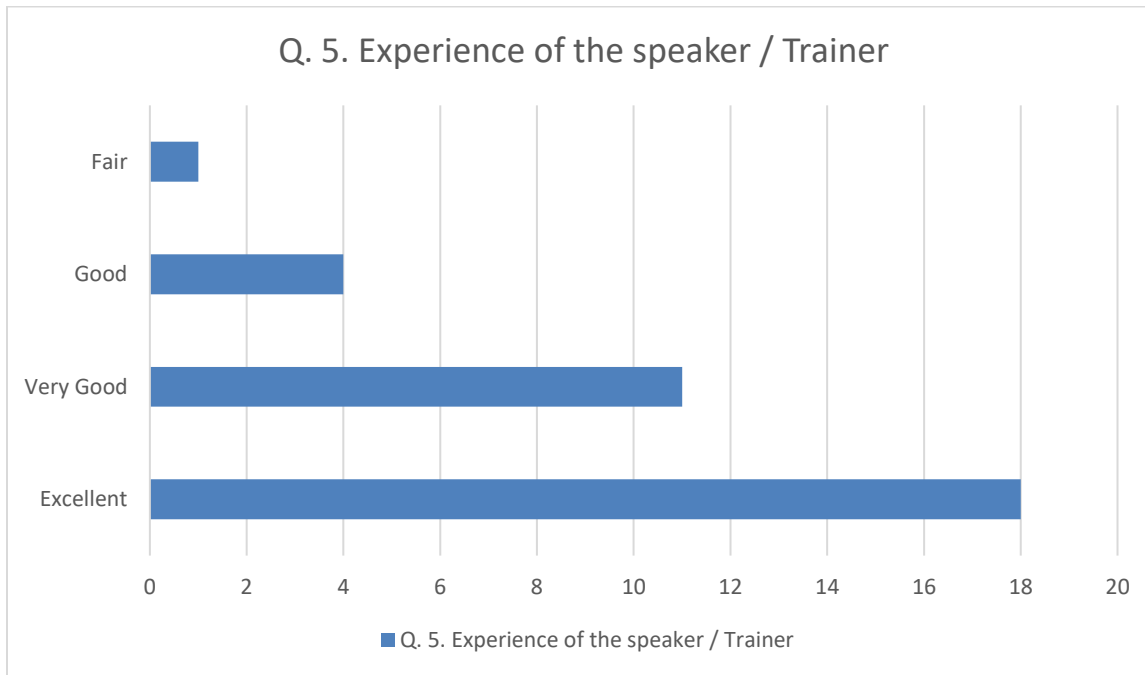


■ Yes ■ No ■

Certificate Course on Plant Propagation and Nursery Management

Q. 5. Experience of the speaker / Trainer

Excellent	18	Very Good	11	Good	04	Fair	01
------------------	-----------	------------------	-----------	-------------	-----------	-------------	-----------



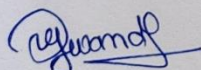
Any Suggestion: Course Duration Should be Short

Action taken on Feedback Analysis

Suggestions, comments and Action taken:

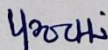
- 1) We are improving our course content of certificate course as per student's feedback.
- 2) As per student feedbacks, we have to plan organize such type events in future.
- 3) As per student request we have provide the course study material to students.
- 4) As per student suggestion we will organize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

Here I am submitting the brief **Activity Report** and **Action Taken Report** of Certificate Course on Plant Propagation and Nursery Management.



Course Coordinator

Mr. D. L. Gavande



IQAC Coordinator

Dr. V. U. Pochhi

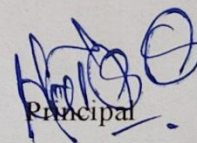
Coordinator

IQAC, Shri Shivaji Sci. & Arts
College, Chikhli Dist. Buldhana



PM-USHA Cordinator

Dr. S. I. Jukkalkar



Principal

Dr. P. R. Padole

PRINCIPAL

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

Certificate Course on Plant Propagation and Nursery Management



Shri Shivaji Science and Arts College, Chikhli, Dist. Buldhana
Department of Botany



PM-USHA Soft Component Certificate Course on Plant Propagation and Nursery Management

Attendance 1st Week

Sr. No.	Name of the Students	04/08/2025	05/08/25	06/08/25	07/08/25	08/08/25	09/08/25
1.	Amruta Gupta	Amruta	Amruta	Amruta	Amruta	Amruta	Amruta
2.	Ashvini Vishnu Ingle	Ashvini	Ashvini	Ashvini	Ashvini	Ashvini	Ashvini
3.	Ashwini Arun Mahale	Ashvini	Ashvini	Ashvini	Ashvini	Ashvini	Ashvini
4.	Divya Madhav Solanke	Divya	Divya	Divya	Divya	Divya	Divya
5.	Gayatri Dnyaneshwar Gayaki	G.D. Gayaki	G.D. Gayaki	G.D. Gayaki	G.D. Gayaki	G.D. Gayaki	G.D. Gayaki
6.	Harshali Pralhad Mhaske	harshali	harshali	harshali	harshali	harshali	harshali
7.	Kalyani Santosh Surushe	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani
8.	Posha Samadhan Karje	Posha	Posha	Posha	Posha	Posha	Posha
9.	Komal Sanjosh Dandade	Komal	Komal	Komal	Komal	Komal	Komal
10.	Komal Shivnarayan Deshmane	Komal	Komal	Komal	Komal	Komal	Komal
11.	Naziya Shaikh Shakil Patel	Naziya	Naziya	Naziya	Naziya	Naziya	Naziya
12.	Nikita Bhujangrao Nikhate	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita
13.	Nikita Dattatray Mahale	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita
14.	Nikita Ganesh Samsare	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita
15.	Nutan Vitthal Patil	Nutan	Nutan	Nutan	Nutan	Nutan	Nutan
16.	Vidya Narendra Puturkar	V.N. Puturkar	V.N. Puturkar	V.N. Puturkar	V.N. Puturkar	V.N. Puturkar	V.N. Puturkar
17.	Om Sanjay Gadekar	Om	Om	Om	Om	Om	Om
18.	Pallavi Kautik Lokhande	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi
19.	Pallavi Rajendra Harné	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi
20.	Pranav Shivdas Gadekar	Pranav	Pranav	Pranav	Pranav	Pranav	Pranav
21.	Hareshada Sandip Theng	H.S. Theng	H.S. Theng	H.S. Theng	H.S. Theng	H.S. Theng	H.S. Theng

22.	Priyanka Pandurang Solanki	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
23.	Vaishnavi Kisan Ingle	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
24.	Rahul Vijay Gawai	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
25.	Rajeshri Ramesh Ingle	Rajeshri	Rajeshri	Rajeshri	Rajeshri	Rajeshri	Rajeshri
26.	Rajeshwari Omprakash Khatri	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari
27.	Rupali Sardarsing Ingle	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali
28.	Sakshi Kishor Kale	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
29.	Sakshi Shirikisan Dolzake	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
30.	Sakshi Vilas Borde	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
31.	Sakshi Vishnu Jadhav	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
32.	Sanchi Kailas Salve	Sanchi	Sanchi	Sanchi	Sanchi	Sanchi	Sanchi
33.	Shivani Samadhan Parihar	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani
34.	Shivganga Gajanan Solanki	Shivganga	Shivganga	Shivganga	Shivganga	Shivganga	Shivganga
35.	Shweta Shantaram Nikam	Shweta	Shweta	Shweta	Shweta	Shweta	Shweta
36.	Srushti Nitin Deokar	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti
37.	Tejaswini Limbaji Ingle	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini
38.	Vaishnavi Pandharinath Hoge	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
39.	Yogita Baliram Mahale	Yogita	Yogita	Yogita	Yogita	Yogita	Yogita
40.	Yogita Raju Lamdhade	Yogita	Yogita	Yogita	Yogita	Yogita	Yogita

Certificate Course on Plant Propagation and Nursery Management

25th Week (Last Week)

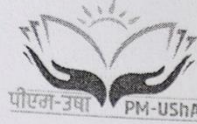
25 th Week					
Sr. No.	Name of the Students	10/02/2026	11/02/2026	12/02/2026	13/02/2026
1.	Amruta Gupta	Amruta	Amruta	Amruta	Amruta
2.	Ashvini Vishnu Ingle	Ashvini	Ashvini	Ashvini	Ashvini
3.	Ashwini Arun Mahale	Ashwini	Ashwini	Ashwini	Ashwini
4.	Divya Madhav Solanke	Divya	Divya	Divya	Divya
5.	Gayatri Dnyaneshwar Gayaki	G.D. Gayaki	G.D. Gayaki	G.D. Gayaki	G.D. Gayaki
6.	Harshali Pralhad Mhaske	Harshali	Harshali	Harshali	Harshali
7.	Kalyani Santosh Sureshe	Kalyani	Kalyani	Kalyani	Kalyani
8.	Pooja Samudhan Karpe	Pooja	Pooja	Pooja	Pooja
9.	Komal Santosh Dandade	Komal	Komal	Komal	Komal
10.	Komal Shivnarayan Deshmane	Feshman	Feshman	Feshman	Feshman
11.	Naziya Shaikh Shakil Patel	Naziya	Naziya	Naziya	Naziya
12.	Nikita Bhujangrao Nikhate	Nikita	Nikita	Nikita	Nikita
13.	Nikita Dattatray Mahale	Nikita	Nikita	Nikita	Nikita
14.	Nikita Ganesh Samsare				
15.	Nutan Vitthal Patil				
16.	Vidya Navendra Patilkar	v.n. Patilkar	v.n. Patilkar	v.n. Patilkar	v.n. Patilkar
17.	Om Sanjay Gadekar	Om	Om	Om	Om
18.	Pallavi Kautik Lokhande	Pallavi	Pallavi	Pallavi	Pallavi
19.	Pallavi Rajendra Hame	Pallavi	Pallavi	Pallavi	Pallavi
20.	Pranav Shivdas Gadekar	Pranav	Pranav	Pranav	Pranav
21.	Hoshada Sanjay Thony	H.S. Thony	H.S. Thony	H.S. Thony	H.S. Thony
22.	Priyanka Pandurang Solanki	Priyanka	Priyanka	Priyanka	Priyanka
23.	Vaishnavi Kisan Ingle	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
24.	Rahul Vijay Gawai	Rahul	Rahul	Rahul	Rahul
25.	Rajeshri Ramesh Ingle	Rajeshri	Rajeshri	Rajeshri	Rajeshri
26.	Rajeshwari Omprakash Khatri	R.O. Khatri	R.O. Khatri	R.O. Khatri	R.O. Khatri
27.	Rupali Sardarsing Ingle	R.S. Ingle	R.S. Ingle	R.S. Ingle	R.S. Ingle

COURSE
COORDINATOR
(Signature)

HOD
Yashvi
Dr. V. V. Pachhi

HEAD,
Department of Botany
Sri Shriji Science & Arts Col
CHIKHOLI, Dist. Buldana

Certificate Course on Plant Propagation and Nursery Management



॥ ज्ञानम् परम् ध्येयम् ॥

Shri Shivaji Education Society, Amravati's
SHRI SHIVAJI SCIENCE AND ARTS COLLEGE CHIKHLI,
DIST. BULDANA, 443201
NAAC Reaccredited B⁺⁺ Grade (CGPA – 3.00)

Registration form

PM-USHA Sponsored
Certificate Course on Plant Propagation and Nursery
Management

Full Name of Student	Rajeshwari Omprakash Khatei
Date of Birth	11/11/2007
Gender	female
Class	Bsc 1st
Mobile No.	8888395819
Email Address	
Full Address	Gandhi nagar chikhlī

R. O. Khatei
Signature

Certificate Course on Plant Propagation and Nursery Management



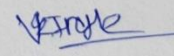
॥ ज्ञानम् परम् ध्येयम् ॥

Shri Shivaji Education Society, Amravati's
SHRI SHIVAJI SCIENCE AND ARTS COLLEGE CHIKHLI,
DIST. BULDANA, 443201
NAAC Reaccredited B⁺⁺ Grade (CGPA – 3.00)

Registration form

PM-USHA Sponsored
Certificate Course on Plant Propagation and Nursery
Management

Full Name of Student	Vaishnavi Kisan Ingle
Date of Birth	7/9/2006
Gender	female
Class	BSC II nd year
Mobile No.	8767951953
Email Address	kisaningle4@gmail.com
Full Address	At. Post Kavhala. Tal. chikhali dist-Buldhanq


Signature

Certificate Course on Plant Propagation and Nursery Management



॥ ज्ञानं परमं ध्येयम् ॥

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DIST. BULDANA, 443201
NAAC Reaccredited B⁺⁺ Grade (CGPA – 3.00)

Feedback form of PM-USHA Sponsored Certificate course on Plant
Propagation and Nursery Management

Name of the Participant: - Nikita Bhujangrao Nikhate

Class: Bsc - III (Bio)

Q. 1. Whether course is relevant and useful for your future carrier?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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Q. 2. Whether course was well organized?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

Q. 3. Whether this course improves your knowledge?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

Q. 4. Whether you wish to join such course in future?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

Q. 5. Experience of the speaker

Excellent	<input checked="" type="checkbox"/>	Very Good	<input type="checkbox"/>	Good	<input type="checkbox"/>	Fair	<input type="checkbox"/>
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Any Suggestion:

Nikhate
Signature of the Student

Certificate Course on Plant Propagation and Nursery Management



॥ ज्ञानम् परम् धैर्यम् ॥

Shri Shivaji Education Society, Amravati's
SHRI SHIVAJI SCIENCE AND ARTS COLLEGE CHIKHLI,
DIST. BULDANA, 443201
NAAC Reaccredited B⁺⁺ Grade (CGPA – 3.00)

Feedback form of PM-USHA Sponsored Certificate course on Plant
Propagation and Nursery Management

Name of the Participant: - Shrushti Nitin Deokar

Class: B.Sc - IIIrd yr

Q. 1. Whether course is relevant and useful for your future carrier?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

Q. 2. Whether course was well organized?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

Q. 3. Whether this course improves your knowledge?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

Q. 4. Whether you wish to join such course in future?

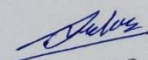
Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

Q. 5. Experience of the speaker

Excellent	<input type="checkbox"/>	Very Good	<input checked="" type="checkbox"/>	Good	<input type="checkbox"/>	Fair	<input type="checkbox"/>
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Any Suggestion:

No


Signature of the Student