

SNJB (Jain Gurukul's)
K.K.H. Abad Arts, S.M.G. Lodha Commerce & S.P.H. Jain Science College
Neminagar, Chandwad-423101, Dist.-Nashik, Maharashtra.



Establishment
27/11/1928

(Affiliated to Savitribai Phule Pune University) Id. No.PU/NS/AC/015/1970

(02556) Off. 252125 Res.252126 Tel. Fax:02556-252125

• P. O. Box No.: 6 • E-mail : alccchandwad@yahoo.co.in

• Website : www.acschandwadcollege.com

Best College Award by Savitribai Phule Pune University (2015-16)

1.1.2:

Name of Course: Certificate course in Landscaping and Garden Designing
(2017-18 & 2018-19)

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Est. 27/11/1928

Department of Botany

KKHA ARTS, SMGL COMMERCE AND SPHJ SCIENCE COLLEGE, CHANDWAD,
DIST- NASHIK, MAHARASHTRA- PIN-423 101

[(02556) Off. 252125 Res.252126 Tel. Fax: 02556-252125

P. O. Box No.: 6 • E-mail: alccchandwad@yahoo.co.in

Website: www.acschandwadcollege.com

001/Bot/2017-18

16/06/2017


To
The Principal
KKHA Arts, Commerce and Science College Chandwad,
Dist- Nashik- 423 101

Sub: Application to introduce Certificate course in landscaping and garden designing

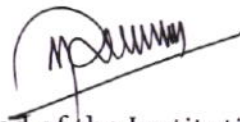
Dear Sir,

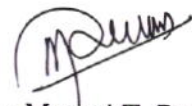
With reference to the subject cited above, we wish to start Certificate Course in Landscaping and Garden Designing under Department of Botany Form the academic year 2017-18. Details of the course are as per the Annexure- I and syllabus - Annexure -II

Remarks:


Member IQAC


Coordinator IQAC


Head of the Institution


(Dr. Manoj T. Patil)
HEAD
Department of Botany
SNJB's K.K.H.A.Arts, S.M.G.L. Commerce
& S.P.H.J. Science College,
Chandwad-423 101 Dist-Nashik





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002/Bot/2017-18

17/06/2017

To
The Principal
KKHA Arts, Commerce and Science College Chandwad,
Dist- Nashik- 423 101

**Sub: Application to appoint Member of Board of Studies for Certificate course in
Landscaping and Garden Designing**

Ref: Course approval letter dated 16/06/2017

Dear Sir,

With reference to the subject cited above, our Department has started Certificate course in Landscaping and Garden Designing. In this regard it's mandatory to establish Board of Studies for the said subject. Following are the suggested members for the BOS, kindly consider the same and **approve** the members listed herewith.

- | | | |
|------------------------|-----------------------|------------------------|
| 1. Dr. G.H. Jain | (Principal, Chairman) | <i>G.H. Jain</i> |
| 2. Dr. Manoj T. Patil | (IQAC) , Head | <i>Manoj T. Patil</i> |
| 3. Dr. Sudin C. Dalave | (Dept. of Botany) | <i>Sudin C. Dalave</i> |
| 4. Mr. Swapnil D. Wagh | (Dept. of Botany) | <i>Swapnil D. Wagh</i> |
| 5. Mr. Mayar S. Patil | (Dept. of Botany) | <i>Mayar S. Patil</i> |
| 6. Mr. Yogesh Gidge | (Dept. of Botany) | <i>Yogesh Gidge</i> |
| 7. Mrs. K.S. Thorat | (Dept. of Botany) | <i>K.S. Thorat</i> |

Sudin C. Dalave
Dr. Sudin C. Dalave
(Course Coordinator)

Forwarded Through:

Manoj T. Patil
(Dr. Manoj T. Patil)
Head Dept. of Botany
HEAD

Department of Botany
SNJB's K.K.H.A.Arts, S.M.G.L. Commerce
& S.P.H.J. Science College,
Chandwad-423 101 Dist-Nashik





Est.
Dt.27/11/1928

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Neminagar, Chandwad-423101, Dist.-Nashik, Maharashtra.**

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• Website : www.acschandwadcollege.com

Principal : Dr. G. H. Jain

/AQAC /ALJC/201

Date: 19 /06 /2017

To
Dr. Sudhin Chandrakant Dalave
PG Department of Botany

Dear Sir,

With reference to the meeting of College Development and IQAC committee it is decided that you are appointed as a Coordinator for the Certificate Course in Botany. You are assigned this duty other than the regular curriculum. You are responsible for the overall administration as we as smooth conduct of the course.

Place: Chandwad

Date: 19 /06 /2017

**Dr. G.H.Jain
PRINCIPAL**

**K.K.H.A. Arts SMGL Comm. & SPHJ
Science (Senior) & S.P.D.S. Arts,
Comm. & Science (Junior) College,
Chandwad, Dist. Nashik - 423 101**





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Dt.27/11/1928

Principal : Dr. G. H. Jain

/IQAC /ALJC/201

Date: 18 /06 /2017

To
Dr. Sudhin Chandrakant Dalave
PG Department of Botany

Dear Sir

With reference to the meeting of IQAC you are appointed as a Member of Board of Studies for Certificate course in Landscaping and Garden Designing. You are assigned the duty of Curriculum designing as per the guidelines.

Place: Chandwad

Date: 18/06/2017

Dr. G.H.Jain
PRINCIPAL

K.K.H.A. Ar's SMGL Comm. & SPHJ
Science (Senior) & S.P.D.S. Arts,
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Chandwad, Dist. Nashik - 423 101





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Principal : Dr. G. H. Jain

Date: 18 /06 /2017

To,
Mr. Swapnil D. Wagh
PG Department of Botany

Dear Sir

With reference to the meeting of IQAC you are appointed as a Member of Board of Studies for Certificate course in Landscaping and Garden Designing. You are assigned the duty of Curriculum designing as per the guidelines.

Place: Chandwad

Date: 18 /06 /2017

Dr. G.H.Jain

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Principal : Dr. G. H. Jain

Date: 19/06/2017

To

Mrs. K.S. Thorat

PG Department of Botany

Dear Sir

With reference to the meeting of IQAC you are appointed as a Member of Board of Studies for Certificate course in Landscaping and Garden Designing. You are assigned the duty of Curriculum designing as per the guidelines.

Place: Chandwad

Date: 19/06/2017

**Dr. G.H. Jain
PRINCIPAL**

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Principal : Dr. G. H. Jain

/IQAC /ALJC/201

Date: 18 /06 /2017

To
Mr. Yogesh Gidge
PG Department of Botany

Dear Sir

With reference to the meeting of IQAC you are appointed as a Member of Board of Studies for Certificate course in Landscaping and Garden Designing. You are assigned the duty of Curriculum designing as per the guidelines.

Place: Chandwad

Date: 18 /06/2017

Dr. G.H.Jain

PRINCIPAL

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Science (Senior) & S.P.D.S. Arts,
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Principal : Dr. G. H. Jain

IQAC /ALJC/201

Date: **18** /06 /2017

To,
Mr. Mayar S. Patil
PG Department of Botany

Dear Sir

With reference to the meeting of IQAC you are appointed as a Member of Board of Studies for Certificate course in Landscaping and Garden Designing. You are assigned the duty of Curriculum designing as per the guidelines.

Place: Chandwad

Date: **18** /06 /2017



Dr. G.H.Jain
PRINCIPAL

K.K.H.A. Arts SMGL Comm. & SPHJ
Science (Senior) & S.P.D.S. Arts,
Comm. & Science (Junior) College,
Chandwad, Dist. Nashik:- 423 101

18/08/2017


Notice for the Meeting

All the members of BOS certificate course in Landscaping and Garden Designing are hereby informed that the meeting of BOS will be held on 19/08/2017 with Principal and Chairman of the BOS. In the meeting various issues will be discussed which are stated below

1. To prepare Syllabus of 24 lecture and 10 practicals
2. To prepared Time table for one month certificate course
3. Syllabus distribution to the contributing teachers
4. To prepare Protocols for the practical's

Members of BOS

- | | |
|------------------------|-----------------------|
| 1. Dr. G.H. Jain | (Principal, Chairman) |
| 2. Dr. Manoj T. Patil | (IQAC and HOD Botany) |
| 3. Dr. Sudin C. Dalave | (Dept. of Botany) |
| 4. Mr. Swapnil D. Wagh | (Dept. of Botany) |
| 5. Mr. Mayar S. Patil | (Dept. of Botany) |
| 6. Mr. Yogesh Gidge | (Dept. of Botany) |
| 7. Mrs. K.S.Thorat | (Dept. of Botany) |


Dr. S.C. Dalave
(Coordinator)


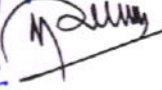








Report of the Meetings

As per the notice dated 18/08/2017 meeting of the BOS members in certificate course in Landscaping and Garden Designing is held on 19/08/2017 in the presence of Principal and Chairman of the BOS. In the meeting various issues were discussed which are stated below

1. Syllabus of 24 lecture and 10 practical are prepared
2. Time table for one month certificate course is prepared
3. Syllabus distributed to the contributing teachers
4. Protocols for the practical's are also prepared

Members of BOS

- | | | |
|------------------------|-----------------------|--|
| 1. Dr. G.H. Jain | (Principal, Chairman) |  |
| 2. Dr. Manoj T. Patil | (IQAC and HOD Botany) |  |
| 3. Dr. Sudin C. Dalave | (Dept. of Botany) |  |
| 4. Mr. Swapnil D. Wagh | (Dept. of Botany) |  |
| 5. Mr. Mayar S. Patil | (Dept. of Botany) |  |
| 6. Mr. Yogesh Gidge | (Dept. of Botany) |  |
| 7. Mrs. K.S.Thorat | (Dept. of Botany) |  |


Dr. S.C. Dalave
(Coordinator)



Syllabus

Sr. No.	Topic/Chapter	Lectures
1.	Introduction to Plants: Basic taxonomy, Types of Gardens, Applications	1L
2.	various steps involved in gardening and landscaping	2L
3.	Plant Culture - Irrigation and Machinery	1L
4.	Soils & Nutrition/ Media for Gardening and landscaping	1L
5.	Selection of plants, Seeding and planting, Maintaining your garden	1L
6.	Maintenance and designing of plants	2L
7.	Indore and Outdoor Planting, Process of planting and Transplanting	2L
8.	Propagation - Seeds & Cuttings	2L
9.	Propagation - Other Techniques	2L
10.	Pests and its control	2L
11.	Diseases and Control Measures	2L
12.	Weeds and its control measures	2L
13.	Case Study of National and International Gardens	2L
14.	Marketing Strategies in Nursery production	2L



Details of Proposed Course

1. **Title of Course:** Certificate Course in Landscaping and Garden Designing
2. **Course Goal:** To design and draw a functional and aesthetic landscape using design, elements and principles of designing
3. **Course Code: Bo. CT 001**
4. **Duration:** 01 Month
5. **Eligibility :** 12th Pass
6. **Medium :** English
7. **Methodology:** Theory and Practical
8. **Theory:** 24 L
9. **Practical:** 10 P
10. **Syllabus** (as per the enclosure - I)
11. **Examination pattern:** theory MCQ
12. **Practical examination :** Hands on
13. **Total papers :** 02 [Theory -1 (50M), Practicals-1 (50M)]
14. **Result :** Certificate with Grade (Above 75 -0,60 -75 A, 55-60 B)



List of Practical

- | | |
|--|----|
| 1. Study of different types of Garden Lay outs | 1p |
| 2. Study of Soil types, parameters and garden equipments | 1p |
| 3. Different Irrigation practice and designing | 1p |
| 4. Planting of Hedge and edge plants | 1p |
| 5. Pot preparation and cultivation of plants and seeds | 1p |
| 6. Pruning and training of garden plants | 1p |
| 7. Study of weeds and their control measures | 1p |
| 8. Development and Maintenance of Lawns | 1p |
| 9. Case Study of one national botanical garden | 1p |
| 10. Preparations of Indore Gardening | 1p |

Member IQAC

Coordinator IQAC

Head of the Institution

PRINCIPAL

SNJB's K.K.H.A.Arts, S.M.G.L. Commerce
& S.P.H.J. Science College,
Chandwad-423 101 Dist-Nashik

Approved
19.8.17

COORDINATOR

Internal Quality Assessment Cell
SNJB's K.K.H.A.Arts, S.M.G.L. Commerce
& S.P.H.J. Science College,
Chandwad-423 101 Dist-Nashik



Time Table
Academic Year 2017-18

Time	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday	
09:00 12:00					F.Y. Pr. – MSP (Lb-3)		F.Y. Pr. - MSP		F.Y. Pr. - SDW		F.Y. Pr. - SDW	
09:00 10:00	M.Sc.-I SGL	M.Sc.-II (KST)	M.Sc.-I (KST)	M.Sc.-II SGL		M.Sc.-II (KST)	M.Sc.-I SGL	M.Sc.-II (KST)	M.Sc.-I NVP	M.Sc.-II (KST)	M.Sc.-I NVP	Extra
10:00 11:00	M.Sc.-I SDW	M.Sc.-II NVP	M.Sc.-I MTP	M.Sc.-II NVP	M.Sc.-I SGL	M.Sc.-II YUG	M.Sc.-I (SCD)	M.Sc.-II YUG	M.Sc.-I MTP	M.Sc.-II SGL	M.Sc.-I YUG	M.Sc.-II SGL
11:00 12:00	M.Sc.-I SDW	MSP M.Sc.-II	M.Sc.-I SDW	MSP M.Sc.-II	M.Sc.-I MTP	M.Sc.-II NVP	M.Sc.-I (SCD)	M.Sc.-II NVP	M.Sc.-I YUG	MSP M.Sc.-II		
12:00 12:30	RECESS FOR PG											
12:30 onwards	NVP/SGL		MTP/KST	NVP	YUG/NV P		SCD/SGL			KST		
04:00 05:00	YUG		MSP		KST		SDW		SCD		MTP	
Certificate Course	Every Saturday Practicals of Certificate Course from 12:30 onwards											

Dr. S. C. Dalave



[Signature]
HEAD
Department of Botany
SNJB's K.K.H.A. Arts, S.M.G.L. Commerce
& S.P.H.J. Science College,
Chandwad-423 101 Dist-Nashik

SNJB's KKHA ARTS, SMGL COMMERCE and SPHJ SCIENCE COLLEGE, CHANDWAD


Department of Botany

CERTIFICATE COURSE IN LANDSCAPING and GARDEN DESIGNING

Academic Year 2017-18

LIST OF STUDENTS

Sr. No.	NAME	Gender	Mo. No.
1	Chaudhari Ashok Namdev	Male	7588146687
2	Sanap Pooja Kashinath	Female	9921178311
3	Aher Vrushali Ashok	Female	9209660514
4	Wagh Gayatri Balkrushna	Female	9552115117
5	Kokani Yogesh Brijalal	Male	7350927893
6	Sabale Shrawan Balu	Male	9689177633
7	Shaikh Gulbasha Aslam	Female	9822852719
8	Patil Jayshree Nana	Female	9595501620
9	Shinde Tejashri Hiranman	Female	9657510772
10	Momin Musfera Jabeen Mohammed Saleem	Female	9371672233
11	Bhapkar Swati Shantaram	Female	9960956074
12	Hadiya Farooqui Saeeduzzafar	Female	8087208066
13	Gulsanober Siraj Ahmed	Female	9273141441
14	Bachhav Vinay Balasaheb	Male	7058485938
15	Sonawane Sonali Dilip	Female	9011776411
16	Alai Jagruti Ashok	Female	8551872580
17	Shiirsath Vijaya Devidas	Female	7264083771
18	Jadhav Bhakti Vishnu	Female	8275015011
19	Shinde Mayur Dnyaneshwar	Male	7776905401
20	Suryawanshi Shraddha Tushar	Female	8975074155
21	Morankar Monali Sanjay	Female	9561890707


Coordinator


HEAD

Department of Botany
SNJB's K.K.H.A.Arts, S.M.G.L. Commerce
& S.P.H.J. Science College,
Chandwad-423 101 Dist-Nashik





No.	Name in full	Class	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Sanap Poojak.		P	P		P	P	P	P	P	P	P	P	P	P	P	P
2	Shinde Reshmi		P	P		P	P	P	P	P	P	P	P	P	P	P	P
3	Shankar Gulbsha		P	P		P	P	P	P	P	P	P	P	P	P	P	P
4	Alai Jagruti		P	P		P	P	P	P	P	P	P	P	P	P	P	P
5	Patil Jayashri		P	P		P	P	P	P	P	P	P	P	P	P	P	P
6	Bhaskar Swati		P	P		P	P	P	P	P	P	P	P	P	P	P	P
7	Aher Vrushali		P	P		P	P	P	P	P	P	P	P	P	P	P	P
8	Shirsath Vijaya		P	P		P	P	P	P	P	P	P	P	P	P	P	P
9	Wagh Gayatri		P	P		P	P	P	P	P	P	P	P	P	P	P	P
10	Sonawane Sonali		P	P		P	P	P	P	P	P	P	P	P	P	P	P
11	Chaudhari Ashok		P	P		P	P	P	P	P	P	P	P	P	P	P	P
12	Sabale Shrawane		P	P		P	P	P	P	P	P	P	P	P	P	P	P
13	Sunjayasanki Shweta		P	P		P	P	P	P	P	P	P	P	P	P	P	P
14	Jadhav Bharti		P	P		P	P	P	P	P	P	P	P	P	P	P	P
15	Momin Musteno		P	P		P	P	P	P	P	P	P	P	P	P	P	P
16	Hadia Farooqui		P	P		P	P	P	P	P	P	P	P	P	P	P	P
17	Morankar Manali		P	P		P	P	P	P	P	P	P	P	P	P	P	P
18	Kokani Yogesh		P	P		P	P	P	P	P	P	P	P	P	P	P	P
19	Shinde Mapur		P	P		P	P	P	P	P	P	P	P	P	P	P	P
20	Sacchar Vinay		P	P		P	P	P	P	P	P	P	P	P	P	P	P
21	Gull Sanobar.		P	P		P	P	P	P	P	P	P	P	P	P	P	P

S. C. Dalave
S. D. Wagh
S. D. Wagh
S. D. Wagh
S. D. Wagh
S. D. Wagh
K. S. Thorat
K. S. Thorat
S. C. Dalve
S. C. Dalve
S. G. Lokhande
S. G. Lokhande

No.	Name in full	Class	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Present	Signature
1	Sanap Poojak.		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
2	Shinde Reshmi		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
3	Shankar Gulbsha		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
4	Alai Jagruti		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
5	Patil Jayashri		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
6	Bhaskar Swati		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
7	Aher Vrushali		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
8	Shirsath Vijaya		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
9	Wagh Gayatri		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
10	Sonawane Sonali		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
11	Chaudhari Ashok		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
12	Sabale Shrawane		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
13	Sunjayasanki Shweta		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
14	Jadhav Bharti		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
15	Momin Musteno		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
16	Hadia Farooqui		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
17	Morankar Manali		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
18	Kokani Yogesh		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
19	Shinde Mapur		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
20	Sacchar Vinay		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
21	Gull Sanobar.		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		

N. V. Patil
N. V. Patil
S. M. T. Patil
S. M. T. Patil
K. S. Thorat
Dr. S. C. Dalve
Dr. S. C. Dalve
M. S. Patil
Practical
Examinations



*Dr. S. C. Dalve
(Coordinator)*

10

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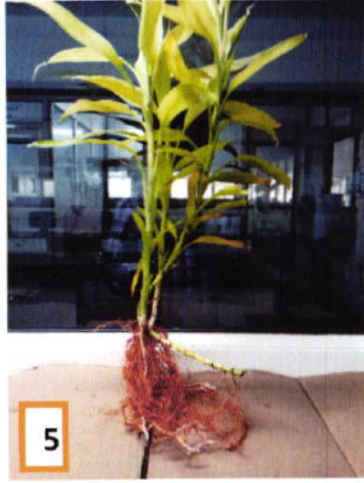
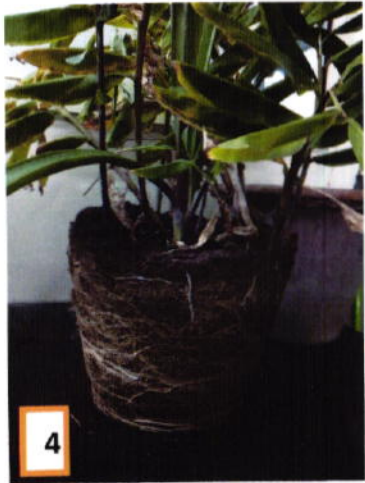


Image 1: Visit of the Certificate Course students to Hi-Tech Nursery Dec. 2017. **Image 2:** Visit to Cactus garden and landscaping at Shivaji College Rahuri (Dec. 2017), **Image 3:** Repotting Practical in the Laboratory, **Image 4:** Practical of Repotting of plant, **Image 5:** Scientific Uprooting of potted plant, **Image 6:** Demonstration of Repotting, **Image 7:** Visit to the Polyhouse for Gerbera cultivation (2018)





Est. 27/11/1928

Department of Botany

KKHA ARTS, SMGL COMMERCE AND SPHJ SCIENCE COLLEGE, CHANDWAD,
DIST- NASHIK, MAHARASHTRA- PIN-423 101

☎(02556) Off. 252125 Res.252126 Tel. Fax: 02556-252125

P. O. Box No.: 6 • E-mail: alccchandwad@yahoo.co.in

Website: www.acschandwadcollege.com

Date:30 /09/2017

Notice

All the students of Certificate course in Landscaping and Garden Designing hereby informed that your examination is scheduled on 3rd October 2017. The theory examination will be of 40 marks MCQ type, and practical examination on the studied practicals. On the same day oral for 10 marks will held on the studied syllabus.

HEAD

Department of Botany
SNJB's K.K.H.A.Arts, S.M.G.L. Commerce
& S.P.H.J. Science College,
Chandwad-423 101 Dist-Nashik

Dr. Sudin C. Dalave
(Coordinator)

SNJB's
KKHA Arts, SMGL Commerce and SPHJ Science College,
Department of Botany

Certificate Course Examination

Time: 30 min

Date: 03 October 2017

Marks 40

Note: 1. Solve any 20 Questions out of 25

2. Each question carries 2 marks

1. Which one of the following is NOT covered under Taxonomy?
A) Alpha taxonomy b) Beta taxonomy c) Delta taxonomy* d) Gamma taxonomy
2. Organizing taxonomic information in logical classification is called _____
A) Systematics* b) Phenetic c) Phylogenetic d) Dendogram
3. Name the philosopher who first classified organisms?
A) Whittaker b) Carl woese c) Linnaeus d) Aristotle*
4. Who is considered as the father of taxonomy?
A) Aristotle b) Linnaeus* c) Earnst Haeckel d) Whittaker
5. Which chemical is used for de-greening of fruit?
A) IBA (B) Cytokinin (C) Gibberalic Acid (D) Ethylene*
6. International Society for Horticulture Science (ISHS) is at _____
(A) USA (B) Belgium* (C) France (D) Brazil
7. Journal "Indian Horticulture" is published by _____
(A) IHR (B) IARI (C) ICAR* (D) IGKV
8. Most abundant and basic Auxin is _____
(A) IAA* (B) NAA (C) 1BA (D) 2-4 D
9. India is known as home of _____
(A) Vegetables (B) Spices and Medicinal* (C) Fruits (D) Flowers
10. High Water Use Efficiency (WUE)
(A) Flood irrigation (B) Sprinkler (C) Drip* (D) All of the above
11. Protray are related to _____
(A) Post harvest (B) Nursery* (C) Processing (D) Transport
12. Which test is used for testing the significance of mean differences?
(A) t-test* (B) f-test (C) z-test (D) k²-test
9. Detrimental effect of host plant on the biology of insect is known as _____
(A) Non preference (B) Tolerance (C) Antibiosis (D) Resistance
10. Disease free plants in micro propagation can be obtained through _____
(A) Meristem culture (B) Anther culture (C) Embryo culture (D) Cell culture
11. Which of the following chemical is used for polyploidy breeding



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Department of Botany

Annual Report of the Certificate Course in Landscaping and Garden Designing

Department of botany has started certificate course in Landscaping and Garden Designing from the academic year 2017-18. For academic year 21 candidates were enrolled. Existing faculty members in the department were conducted theory and practical courses for the one month certificate course which was commenced from 01 September 2017 and concluded on 01 October 2017. During the period of the course students visited Hi-tech Nursery project at Mahatma Phule Krishi Vidyapeeth, Rahuri. During the visit students learn about Hi-Tech practices. Students are trained for various advancements in the landscaping and garden designing with direct hands on training. Practical of the course starting from the general introduction to the case study were also conducted. Overall experience of the students was unique and they enjoyed the learning through direct hands on training for the month. At the end of Certificate course students were honoured with Certificate.


Dr. S.C. Dalavi



Shri Neminath Jain Brahmacharyashram's (Jain Gurukul)

K.K.H.A. Arts, S.M.G.L. Commerce & S.P.H.J. Science College,

Neminagar, Chandwad, Dist-Nashik 423 101 (MS)

Recipient of Best College Award by SPPU, Pune



ESTD - 1928

SNJB

CERTIFICATE

This is to certify that *Miss*.....
from **M.Sc. -I Botany, KKHA Arts, SMGL Commerce and SPHJ Science College, Chandwad,**
successfully Completed "**Certificate Course in Landscaping and Garden Designing**", from
01/09/2017 to 30/09/ 2017 Conducted by **Department of Botany.**

(Dr. Sudin C. Dalave)
Course Coordinator

(Dr. Manoj T. Patil)
HOD

(Dr. Gotan. H. Jain)
Principal





Est. 27/11/1928

Department of Botany

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Website: www.acschandwadcollege.com

003/Bot/2018-19

15/06/2018

To
The Principal
KKHA Arts, Commerce and Science College Chandwad,
Dist- Nashik- 423 101

**Sub: Application for getting permission to continue Certificate course in
landscaping and garden designing**

Dear Sir,

With reference to the subject cited above, our department has started Certificate course in Certificate Course in Landscaping and Garden Designing from the academic year 2017-18. The course is very effective and inculcates the student's interest. So we request you to give permission to continue the course for the current academic year too. There is no additional change in the syllabus and course structure.

Dr. Sudin C. Dalave
(Course Coordinator)

Forwarded Through:

(Dr. Manoj T. Patil)
Head Dept. of Botany

HEAD

Department of Botany
SNJB's K.K.H.A.Arts, S.M.G.L. Commerce
& S.P.H.J. Science College,
Chandwad-423 101 Dist-Nashik



Annexure - I

Details of Proposed Course

1. **Title of Course:** Certificate Course in Landscaping and Garden Designing
2. **Course Goal:** To design and draw a functional and aesthetic landscape using design, elements and principles of designing
3. **Course Code:** Bo. CT 001
4. **Duration:** 01 Month
5. **Eligibility :** 12th Pass
6. **Medium :** English
7. **Methodology:** Theory and Practical
8. **Theory:** 24 L
9. **Practical:** 10 P
10. **Syllabus** (as per the enclosure - I)
11. **Examination pattern:** theory MCQ
12. **Practical examination :** Hands on
13. **Total papers :** 02 [Theory -1 (50M), Practicals-1 (50M)]
14. **Result :** Certificate with Grade (Above 75 -0,60 -75 A, 55-60 B)



Syllabus

Sr. No.	Topic/Chapter	Lectures
1.	Introduction to Plants: Basic taxonomy, Types of Gardens, Applications	1L
2.	various steps involved in gardening and landscaping	2L
3.	Plant Culture - Irrigation and Machinery	1L
4.	Soils & Nutrition/ Media for Gardening and landscaping	1L
5.	Selection of plants, Seeding and planting, Maintaining your garden	1L
6.	Maintenance and designing of plants	2L
7.	Indore and Outdoor Planting, Process of planting and Transplanting	2L
8.	Propagation - Seeds & Cuttings	2L
9.	Propagation - Other Techniques	2L
10.	Pests and its control	2L
11.	Diseases and Control Measures	2L
12.	Weeds and its control measures	2L
13.	Case Study of National and International Gardens	2L
14.	Marketing Strategies in Nursery production	2L



List of Practical

- | | |
|--|----|
| 1. Study of different types of Garden Lay outs | 1p |
| 2. Study of Soil types, parameters and garden equipments | 1p |
| 3. Different Irrigation practice and designing | 1p |
| 4. Planting of Hedge and edge plants | 1p |
| 5. Pot preparation and cultivation of plants and seeds | 1p |
| 6. Pruning and training of garden plants | 1p |
| 7. Study of weeds and their control measures | 1p |
| 8. Development and Maintenance of Lawns | 1p |
| 9. Case Study of one national botanical garden | 1p |
| 10. Preparations of Indore Gardening | 1p |

Member IQAC

Coordinator IQAC

Head of the Institution

PRINCIPAL

SNJB's K.K.H.A.Arts, S.M.G.L. Commerce
& S.P.H.J. Science College,
Chandwad-423 101 Dist-Nashik

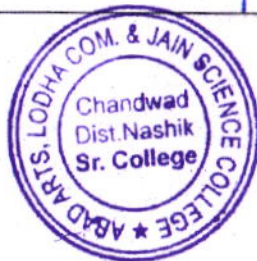
Approved
19.8.17
Coordinator

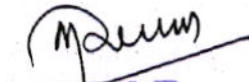
Internal Quality Assessment Cell
SNJB's K.K.H.A.Arts, S.M.G.L. Commerce
& S.P.H.J. Science College,
Chandwad-423 101 Dist-Nashik



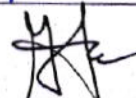
M.Sc TIME TABLE-2018/2019

	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY	
TIME	M.Sc-I	M.Sc-II	M.Sc-I	M.Sc-II	M.Sc-I	M.Sc-II	M.Sc-I	M.Sc-II	M.Sc-I	M.Sc-II	M.Sc-I	M.Sc-II
09:00-10:00	YUG	NVP	YUG	NVP	YUG	NVP	YUG	NVP	YUG	NVP	KST	YUG
10:00-11:00	MTP	KST	XYZ	KST	XYZ	KST	MTP	KST	MTP	KST	MTP	NVP
11:00-12:00	XYZ	YUG	SCD	MSP	SCD	MSP	SCD	YUG	SDW	MSP	SDW	MSP
12:00-12:30	RECESS											
12:30- ONWARDS	YUG	NVP	YUG	NVP	NVP	KST	MTP	YUG	SCD	YUG	GD/SEMINOR/TEST	
4:00 onwards	CC MTP		CC MSP		CC YUG		CC SDW		CC SCD		CC KST	




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 Department of Botany
 SNJB's K.K.H.A.Arts, S.M.G.L. Commerce
 & S.P.H.J. Science College,
 Chandwad-423 101 Dist-Nashik




PRINCIPAL
 K.K.H.A. Arts SMGL Com. & Jain
 Science (Senior) & S.P.H.J.
 Com. & Science (Junior)
 Chandwad, Dist. Nashik - 423 101

SNJB's KKHA ARTS, SMGL COMMERCE and SPHJ SCIENCE COLLEGE, CHANDWAD

Department of Botany
CERTIFICATE COURSE IN LANDSCAPING and GARDEN DESIGNING
Academic Year 2018-19
LIST OF STUDENTS

Sr. No.	Name	Adhar No	Mobile No.
1)	Aher Dipali Bhausahab	564956256927	9673467403
2)	Aher Pranali Suresh	420358683008	8482888790
3)	Bawa Pragatee Sahebrao	753023045041	7083656196
4)	Bhagwat Sagar Narayan	935525391298	9834098425
5)	Chavan Vaishali Bhaushaeb	447809605978	7775030710
6)	Dhage Bhagyashri Shankarrao	460629595886	9130843136
7)	Gangurde Rinku Ratan	328782160685	9881808340
8)	Gorade Rohini Bajirao	763611438478	7083202058
9)	Jadhav Rashmi Hemant	271375416992	9665838113
10)	Jadhav Savita Lahanu	513500709457	9623549256
11)	Kadam Anjali Shantaram	841662143640	9960409926
12)	Kasav Shital Prabhakar	386403201172	8796308481
13)	Manmothe Ganesh Vilas	538059041029	8805545318
14)	Nikam Rutika Pundlik	566328582472	7798822189
15)	Parkhe Komal Kakaji	573882950163	9860861714
16)	Patil Mohini Pandit	345623028265	8208872042
17)	Pawar Gaurav Shantaram	251091405581	7028636008
18)	Pawar Shital Ambadas	893269331083	8806146617
19)	Rayate Vaishali Prakash	738738846710	9422958536
20)	Shaikh Majjabin Shakil	412421648295	9359683126
21)	Shaikh Ruksana Ramjan	297872589711	9145091793
22)	Shinde Suraj Balnath	209830073880	9921134264
23)	Suryawanshi Sunita Baban	495311711581	9595677273
24)	Thorat Sonali Sharad	427660454725	7030643127

Dr. S. C. Balane



[Signature]

HEAD

Department of Botany
SNJB's K.K.H.A.Aris, S.M.G.L. Commerce
& S.P.H.J. Science College,
Chandwad-423 101 Dist-Nashik



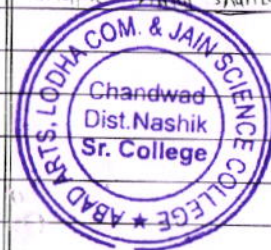
SHRI NEMINATH JAIN
 Kar.K.H. Abad Arts, Shriman M.G. Lodha
Monthly Register

BRAHMACHARYASHRAM'S,
 Commerce & Science (Sr.) College, Chandwad (Nashik)
Book

Month : SEPTEMBER 2018

No.	Name in full	Class	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1)	Shinde Suraj Balnath	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2)	Bhagwat Sagar Narayan	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3)	Pawar Gaurav Shankar	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4)	Manmote Ganesh Vibish	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5)	Phuge Bhagyashri Shankar	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6)	Pawar Shital A.	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7)	Jadhav Rashmi H.	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8)	Rayate Vaishali Prakash	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9)	Thorat Sonali Sharad	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10)	Kasav Shital P.	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11)	Kadam Anjali S.	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
12)	Shaikh Rajjabin S.	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
13)	Chavan Vaishali Bhau Sahet	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
14)	Nikam Rutika Pundlik	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
15)	Aher Pranali Suresh	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
16)	Bawa Pragatya S.	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
17)	Jadhav Sawita L.	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
18)	Gangode Rinku Pratik	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
19)	Parkhe Komal Kakaji	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
20)	Sutkarashi Sunita Baban	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
21)	Shaikh Rakshana Ramjan	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
22)	Palil Mohini Pandit	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
23)	Borade Romi Bajirao	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
24)	Sheke Anil Shankar	M.Sc-I	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Present	Signature
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Est. 27/11/1928

Department of Botany

KKHA ARTS, SMGL COMMERCE AND SPHJ SCIENCE COLLEGE, CHANDWAD,
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P. O. Box No.: 6 • E-mail: alccchandwad@yahoo.co.in

Website: www.acschandwadcollege.com

Date: 8 /09/2018

Notice

All the students of Certificate course in Landscaping and Garden Designing hereby informed that your examination is scheduled on 3rd October 2017. The theory examination will be of 40 marks MCQ type, and practical examination on the studied practical's. On the same day oral for 10 marks will held on the studied syllabus.

Dr. Sudin C. Dalave
(Coordinator)

HEAD

Department of Botany
SNJB's K.K.H.A.Arts, S.M.G.L. Commerce
& S.P.H.J. Science College,
Chandwad-423 101 Dist-Nashik

SNJB's
KKHA Arts, SMGL Commerce and SPHJ Science College,
Department of Botany

Certificate Course Examination

Time: 30 min

Date: 11 October 2018

Marks 40

Note: 1. Solve any 20 Questions out of 25

2. Each question carries 2 marks

1. Chromosome number of Mango
(A) $2x = 40$ (B) $4x = 40$ (C) $3x = 40$ (D) $x = 40$
2. Pollination in Mango is mainly
A) House fly (B) Honey bees (C) Weevil (D) Wind
3. Polyploidy variety of Mango
(A) Vellaicollamban (B) Olour (C) Kurukkan (D) All of the above*
4. Which Mango variety is suitable for high density planting?
(A) Sindhu (B) Amrapali (C) Mallika (D) Ambika
5. Seedless variety of Mango
(A) Mallika (B) Safari (C) Ratna (D) Sindhu
6. Which of the following is the edible part of Litchi
(A) Pericarp (B) Kernal (C) Fleshy aril (D) Thalamus
7. Regulation in mango to some extent can be induced with the application of _
(A) Paclobutrazol (B) ABA (C) Auxin (D) Thiourea
8. Which Papaya species is resistant to distortion ring-spot virus?
(A) *Carica papaya* (B) *Carica pentagona* (C) *Carica cauliflora*
(D) *Carica microcarpa*
9. Gulabi is important cultivar of _____
(A) Strawberry (B) Litchi (C) Pomegranate (D) Grape fruit
10. Which state is known as "Apple Bowl"
(A) Himachal Pradesh (B) Uttrakhand (C) J & K (D) Punjab
11. Apple is divided in how much grades
(A) 4 (B) 8 (C) 6 (D) 10
12. Polyembryonic fruit crop (/crops) is (/are)
(A) Mango (B) Citrus (C) Jamun (D) All of the above*
13. In Papaya papain contain _____ protein
(A) 65.2% (B) 82.2% (C) 72.2% (D) 55.5%
14. Cock's comb is a physiological disorder of _____



Est. 27/11/1928

Department of Botany

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Department of Botany

Annual Report of the Certificate Course in Landscaping and Garden Designing

Department of botany have started certificate course from the academic year 2017-18. For academic year 2018-19 24 candidates were enrolled. Existing faculty members in the department were conducted theory and practical courses for the one month certificate course which was commenced from 10 September 2018 and concluded on 09 October 2018. Students are trained for various advancements in the landscaping and garden designing with direct hands on training. Practical of the course starting from the general introduction to the case study were also conducted. Overall experience of the students was unique and they enjoyed the learning through direct hands on training for the month.

HEAD

Department of Botany

SNJB's K.K.H.A.Arts, S.M.G.L. Commerce

& S.P.H.J. Science College,

Chandwad-423 101 Dist-Nashik

Dr. S.C. Dalave





Shri Neminath Jain Brahmacharyashram's (Jain Gurukul)

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Neminagar, Chandwad, Dist-Nashik 423 101 (MS)


Recipient of Best College Award by SPPU, Pune
DST-FIST funded (2018-19)

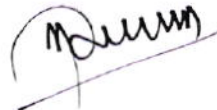


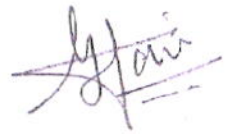
SNJB

CERTIFICATE

This is to certify that *Mr/Miss* from
**M.Sc. –I Botany, KKHA Arts, SMGL Commerce and SPHJ Science College, Chandwad, successfully
Completed "Certificate Course in Landscaping and Garden Designing", from 10/09/2018 to
09/10/ 2018 Conducted by Department of Botany.**


(Dr. Sudin C. Dalave)
Course Coordinator


(Dr. Manoj T. Patil)
HOD


(Dr. Gotan. H. Jain)
Principal

