

Shri Sarda Education Society's

Smt. Radhabai Sarda Arts, Commerce and Science College, Anjangaon Surji

Department of Botany

(Academic session 2015-2016)

To,

The Principal,

Smt. Radhabai Sarda Arts, Commerce and

Science College, Anjangaon Surji

Subject: Permission for conducting **Add on Course** entitled "Floriculture" for the session 2015-2016

Hon'ble Sir,

With reference to above subject, we request you to kindly grant us permission for conducting the said course in the department of Botany. The duration of the course will be 30 hours (2 hours X 15 working days). The syllabus of the course is enclosed herewith this letter for your kind consideration. The course will be helpful to our students' development towards awareness of flower products and productivity for gaining knowledge, to maintain pleasant health & environment and earning money.

Date- 12.08.2015

Place- Anjangaon Surji

*Malakode*  
Course Coordinator  
Department of Botany  
Department of Botany  
Smt. Radhabai Sarda College  
Anjangaon Surji

Enclosures-

1. Syllabus of Add On Course



*Permission Granted*  
*20/08/2015*  
Principal  
Smt. Radhabai Sarda  
Science College



Shri Sarda Education Society's

Smt. Radhabai Sarda Arts, Commerce and Science College, Anjangaon Surji

Department of Botany

(Academic session 2015-2016)

### NOTICE

Date- 07/08/2015

All the faculty members of the Botany department are informed that a departmental meeting related to "Add on Course" is arranged on 11/08/2015 at 4.00 pm at the department. You all are requested to present for the meeting with some innovative ideas. The minutes of the meeting are as follows.

1. It was unanimously decided to start Add on Course for 30 Hours.
2. To decide the topic and design syllabus.
3. To frame the time table.
4. Student would be taken to field visit, during the course for practical knowledge.
5. Exam will be conducted after completion of the course.

*Makode*  
Course Co-ordinator  
Department of Botany  
Department of Botany  
Smt. Radhabai Sarda College  
Anjangaon Surji



**Shri Sarda Education Society's**

**Smt. Radhabai Sarda Arts, Commerce and Science College, Anjangaon Surji**

**Department of Botany**

**Add on Course - "Floriculture"**

**Session: 2015-2016**

**SYLLABUS**

**Unit I-**

Introduction, Origin and history of Gardens, Famous Indian Gardens ,Gardening Styles, English garden, Italian garden, mughal garden, Japanese garden, Landscape gardening

**Unit II-**

Introduction, concept, definition, scope and Importance of floriculture, Important floricultural crops and methods of cultivation, Cultivation of Aster, Gladiolus, Orchids, Tagetes.

**Unit III-**

Introduction, Indian market of dry flowers, selection of material, Techniques of drying- Air drying, press drying, sun drying and microwave drying methods.

**Unit IV-**

Introduction, Preservation methods, bleaching, dyeing and painting, storage, care of dried flowers.

**Unit V-**

Introduction, Cultivars of orchids, Harvesting, mode of harvesting, handling conditioning, precooling, grading bunching, wrapping packing and cold storage of cut flowers, Indian market of flowers.

Reference Book:

- 1.Introduction to Floriculture by Roy A Larson.
- 2.Floriculture in India by G S Randhawa.
- 3.Commercial Floriculture by S Prasad.
- 4.Floriculture and Landscaping by T K Bose.
- 5.Floriculture at Glance by Desh Raj.
- 6.Indian Floriculture,Role of CSIR by Subodh Kumar Datta.
- 7.Commercial Floriculture by S K Chattopadhyay.



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Department of Botany

(Academic session 2015-2016)

NOTICE

Date- 09.09.2015

All the students pursuing degree in science are hereby informed that the Department of Botany is going to conduct "Add on Course on Floriculture" from 1/10/2015 to 5/11/2015. Students who want to register for the course should contact Shri. K.U. Makode, Assistant Professor in Botany on and before 26/9/2015.

*K.U. Makode*  
Course Coordinator

Head  
Department of Botany

Smt. Radhabai Sarda College  
Anjangaon Surji

*M. S. Joshi*  
Principal

Smt. Radhabai Sarda College Of  
Arts, Commerce & Science  
Anjangaon Surji





**Shri Sarda Education Society's**

**Smt. Radhabai Sarda Arts, Commerce and Science college Anjangaon Surji**

**Department of Botany**

**Add on Course on Floriculture**

**(Academic session 2015-2016)**

**Attendance Sheet**

**Date- 29.09.2015**

**List of Enrolled students for Add on Course "Floriculture"**

S.No	Name of students	Class
1	Mr.S.S. Kannherkar	B.Sc. II
2	Ku. D.R. Bonde	B.Sc. II
3	Ku. F.G. Bhivte	B.Sc. II
4	Ku.D.D. Rohankar	B.Sc. II
5	Ku. R.S. Gour	B.Sc. II
6	Ku. P.S. Dhanorkar	B.Sc. II
7	Ku. G.D. Randhe	B.Sc. II
8	Ku.K.C. Uke	B.Sc. II
9	Ku.K.D. Nandurkar	B.Sc. II
10	Ku.P.V. Sadar	B.Sc. II
11	Ku.P.D. Wakode	B.Sc. II
12	Ku.K.S. Sangole	B.Sc. II
13	Ku.G.U. Bhad	B.Sc. II
14	Ku.K.B. Gawande	B.Sc. II
15	Ku.Y.J. Bhonde	B.Sc. II
16	Ku.S. G. Dhanokar	B.Sc. II
17	Ku.S.N. Shahu	B.Sc. II
18	Ku.Saima Khan	B.Sc. II
19	Ku.N.S. Pethe	B.Sc. II
20	Ku.T.S. Choukhande	B.Sc. II
21	Ku.V.V. Gawande	B.Sc. II

*Wakode*  
Coordinator

Department of Botany  
Smt. Radhabai Sarda College  
Anjangaon Surji



*Kiri*  
Principal

PRINCIPAL  
Smt. Radhabai Sarda  
Art, Commerce & Science College  
Anjangaon Surji

**Shri Sarda Education Society's**  
**Smt. Radhabai Sarda Arts, Commerce and Science College, Anjangaon Surji**  
**Department of Botany**  
**Add on Course in "Floriculture"**

**TIME TABLE**

**Session: 2015-2016**

SN	DATE	TIME	TOPIC
1	01 October 2015	11:30 am	Inauguration and Interactive session with Guest.
2	02-03 October 2015	03-05 pm	Unit I
3	05-07 October 2015	03-05 pm	Unit II
4	08-10 October 2015	03-05 pm	Unit III
5	12-14 October 2015	03-05 pm	Unit IV
6	15-17 October 2015	03-05 pm	Unit V
7	19 October 2015	09-10:30 am	Exam

*U. K. Kulkarni*  
**Coordinator**  
**Head**

**Department of Botany**  
**Smt. Radhabai Sarda College**  
**Anjangaon Surji**



*M. J. J.*  
**Principal**  
**Principal**

**Smt. Radhabai Sarda College Of**  
**Arts, Commerce & Science**  
**Anjangaon Surji**

**Shri Sarda Education Society's**  
**Smt. Radhabai Sarda Arts, Commerce and Science College Anjangaon Surji**  
**Department of Botany**  
**Add on Course on Floriculture**  
**(Academic session 2015-2016)**

**Attendance Sheet**

Sr. No.	Name of Students	01-10/15	02-10/15	03-10/15	04-10/15	05-10/15	06-10/15	07-10/15	08-10/15	09-10/15	10-10/15	11-10/15	12-10/15	13-10/15	14-10/15	15-10/15	16-10/15	17-10/15
1	Mr.S.S. Kannherkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Ku. D.R. Bonde	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Ku. F.G. Bhivte	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Ku.D.D. Rohankar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	Ku. R.S. Gour	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Ku. P.S. Dhanorkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Ku. G.D. Randhe	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Ku.K.C. Uke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	Ku.K.D. Nandurkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	Ku.P.V. Sadar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	Ku.P.D. Wakode	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	Ku.K.S. Sangole	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	Ku.G.U. Bhad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	Ku.K.B. Gawande	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	Ku. Y. Bhonde	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	Ku.S. G. Dhanokar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	Ku.S.N. Shahu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	Ku.Saima Khan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	Ku.N.S. Pethe	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	Ku.T.S. Choukhande	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	Ku.V.V. Gawande	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

*Wakode*  
Coordinator  
Head

Department of Botany  
Smt. Radhabai Sarda College  
Anjangaon Surji



*Main*  
Principal

Smt. Radhabai Sarda College Of  
Arts, Commerce & Science  
Anjangaon Surji



**Shri Sarda Education Society'**

**Smt. Radhabai Sarda Arts, Commerce and Science College, Anjangaon Surji**

**Department of Botany**

**Session: 2015-2016**

**Examination of Add on Course on Floriculture**

**Date: 19.10.2015**

S.N.	Name Of The Student	Class
1	Mr.S.S. Kannherkar	B.Sc. II
2	Ku. D.R. Bonde	B.Sc. II
3	Ku. F.G. Bhivte	B.Sc. II
4	Ku.D.D. Rohankar	B.Sc. II
5	Ku. R.S. Gour	B.Sc. II
6	Ku. P.S. Dhanorkar	B.Sc. II
7	Ku. G.D. Randhe	B.Sc. II
8	Ku.K.C. Uke	B.Sc. II
9	Ku.K.D. Nandurkar	B.Sc. II
10	Ku.P.V. Sadar	B.Sc. II
11	Ku.P.D. Wakode	B.Sc. II
12	Ku.K.S. Sangole	B.Sc. II
13	Ku.G.U. Bhad	B.Sc. II
14	Ku.K.B. Gawande	B.Sc. II
15	Ku.Y.J. Bhonde	B.Sc. II
16	Ku.S. G. Dhanokar	B.Sc. II
17	Ku.S.N. Shahu	B.Sc. II
18	Ku.Saima Khan	B.Sc. II
19	Ku.N.S. Pethe	B.Sc. II
20	Ku.T.S. Choukhande	B.Sc. II
21	Ku.V.V. Gawande	B.Sc. II

*Wakode*  
**Coordinator**

**Head**  
Department of Botany  
Smt. Radhabai Sarda College  
Anjangaon Surji



*M. S. S.*  
**Principal**

**PRINCIPAL**  
Smt. Radhabai Sarda  
Arts, Commerce & Science College  
Anjangaon Surji

Shri Sarda Education Society 's  
Smt Radhabai Sarda Arts, Commerce and Science College Anjagaon Surji  
Department of Chemistry  
(Academic Session: 2015-16)

Question paper  
Name of the Course: Floriculture

Date: 19/10/15

Max Marks: 50

**Q.1 Answer in one sentences.**

05M

- i. Which flower is the king of flower?.
- ii. What is flower?
- iii. Define garden?
- iv. Name of the largest Indian garden ?
- v. Who is the founder of Garden?

**Q 2 Write a short note on. (Any Two)**

20M

- a. . Importance of Floriculture.
- b. Preservation methods of flower..
- c. Factors affecting garden..

**Q.3 Describe the Techniques of drying flowers.**

10M

**OR**

**Q.3 Explain Famous Indian garden..**

**Q.4 Write a short note on. (Any one)**

05M

- A Importance of Floriculture.
- B Origin and history of gardens.

**Q.5 Write a short note on. (Any one)**

10M

- a) Important floricultural crops.
- b) Role of Flower market in Indian Economy.



Shri Sarda Education Society's  
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Department of Botany

Session: 2015-2016

Examination Result of Add on course on "Floriculture"

Sn	Name Of The Student	Max Marks	Marks Obtained
1	Mr.S.S. Kannherkar	50	40
2	Ku. D.R. Bonde	50	38
3	Ku. F.G. Bhivte	50	41
4	Ku.D.D. Rohankar	50	35
5	Ku. R.S. Gour	50	32
6	Ku. P.S. Dhanorkar	50	44
7	Ku. G.D. Randhe	50	42
8	Ku.K.C. Uke	50	34
9	Ku.K.D. Nandurkar	50	41
10	Ku.P.V. Sadar	50	41
11	Ku.P.D. Wakode	50	33
12	Ku.K.S. Sangole	50	39
13	Ku.G.U. Bhad	50	37
14	Ku.K.B. Gawande	50	48
15	Ku.Y.J. Bhonde	50	38
16	Ku.S. G. Dhanokar	50	36
17	Ku.S.N. Shahu	50	33
18	Ku.Saima Khan	50	45
19	Ku.N.S. Pethe	50	41
20	Ku.T.S. Choukhande	50	46
21	Ku.V.V. Gawande	50	34

*Wakode*  
Coordinator  
Head  
Department of Botany  
Smt. Radhabai Sarda College  
Anjangaon Surji

*Kam*  
Principal  
PRINCIPAL  
Smt. Radhabai Sarda  
Arts, Commerce & Science College  
Anjangaon Surji





Shri Sarda Education Society's  
**SMT RADHABAI SARDA ARTS, COMMERCE & SCIENCE COLLEGE,  
ANJANGAON SURJI**

**Department of Botany**

**Academic Session: 2015-2016**

**SUMMARY REPORT OF ADD ON COURSE-"Floriculture"**

The Add on course in "Floriculture" has been undertaken by the department of Botany during the academic session 2015-16. The duration of the course was 30 hours (15 days). Total 21 students were enrolled for the course. All the students have completed the course successfully. The attainment of the course are as follows:

- Students were about the commercially important species of Flower.
- Course provided a basic information about maintenance of Floriculture unit.
- Students get thorough knowledge of Floriculture business.
- Students get detailed idea of starting their own Floriculture business in less investment with the help of farm products.
- Students learnt the different marketing practices for Floriculture business and get the knowledge about the demand of Flower in the national and international market.
- Students learnt important uses of Flower.

*Amavati*  
**Head**  
Department of Botany  
Smt. Radhabai Sarda College  
Anjangaon Surji



*Mezai*  
**PRINCIPAL**  
Smt. Radhabai Sarda  
Arts, Commerce & Science College  
Anjangaon Surji



Shri Sarda Education Society (Trust)'s  
(A linguistic Minority Educational Institute)  
**SMT RADHABAI SARDA ARTS, COMMERCE & SCIENCE  
COLLEGE, ANJANGAON SURJI**

**Programme Outcome of a Add on course entitled "Floriculture"**

**Academic Session 2015-2016**

- To provide a knowledge about the commercially important variety of flowers.
- To provide a basic information about maintenance of Floriculture unit.
- To provide thorough knowledge of Floriculture business.
- To give a detailed idea of starting own Floriculture business in less investment with the help of farm products.
- To aware students about marketing of Flower.
- To give detailed knowledge about important uses of Flower.

To aware students about the demand of Flower in the National and International market

Apart from the above, floriculturists can also set up their own business in growing flowers for the export markets, running nurseries, providing gardening and landscaping for advisory services, growing ornamental plants etc.

*U. K. Kade*

Head  
Department of Botany  
Smt. Radhabai Sarda Collage  
Anjangaon Surji



*K. K. K.*

Principal  
Smt. Radhabai Sarda College  
Anjangaon Surji

Shri. Sarda Education Society's

Smt. Radhabai Sarda Arts, Commerce & Science College Anjangaon Surji, Dist Amravati

Admission Form for Course Work

Session: 2015-2016

Admission Form No. 000271

A. Name of Applicant : Ky. Dipali Diliprao Rohankar

B. Class: B.Sc. II Sem-III Date of Admission in College: 20/08/2015

C. ID Number 2461

D. Date of Birth: 10/11/1996 Category: OBC

E. Name of the Department: Botany

F. Name of Course: Add on course

G. Title of the Course: Floriculture



**Note:** I certify that the information given above is true and correct. If it is found false, my admission will be cancelled at any moment.

Dipali Rohankar  
Signature of the Applicant

Shri. Sarda Education Society's

Smt. Radhabai Sarda Arts, Commerce & Science College Anjangaon Surji, Dist Amravati

Admission Form for Course Work

Session: 2015-2016

Admission Form No. **000272**

A. Name of Applicant : Ku. Punam Govardhan Bhatate

B. Class: B.Sc II Sem-III Date of Admission in College: 28/08/2015

C. ID Number 2269

D. Date of Birth: 19/12/1996

Category: OBC

E. Name of the Department: Botany

F. Name of Course: Add on course

G. Title of the Course: Floriculture



**Note:** I certify that the information given above is true and correct. If it is found false, my admission will be cancelled at any moment.

PABhatate  
Signature of the Applicant



Shri Sarda Education Society's

Smt. Radhabai Sarda Arts, Commerce & Science College, Anjangaon Surji

Dist. Amravati

Affiliated to

Sant Gadge Baba Amravati University, Amravati

## CERTIFICATE

This is to certify that ~~Mr./Mrs.~~ Dipali Diliprao Rohankar of B.Sc. II Sem. III has successfully completed the *Add-On-Course in Floriculture* organized by the Department of Botany during the Academic Session 2015-16.

U. Akod  
Course Coordinator

W. N. N.  
Principal



Shri Sarda Education Society's

Smt. Radhabai Sarda Arts, Commerce & Science College, Anjangaon Surji

Dist. Amravati

Affiliated to

Sant Gadge Baba Amravati University, Amravati

## CERTIFICATE

This is to certify that ~~Mr.~~/Mrs. Punam Govardhan Bhivare of B.Sc. II Sem. III has successfully completed the *Add-On-Course in Floriculture* organized by the Department of Botany during the Academic Session 2015-16.

Walekar  
Course Coordinator

Yash  
Principal