

S.B.V.P. Samaj's
SahakarMaharshiBhauasahebSantujiThorat College of
Arts, Science & Commerce, Sangamner

Departmental Report 2017-18

1. Name of the Department - **Botany**
2. Year of establishment - **1990(T.Y.BSc- Botany Special - 1992-93)**
3. Is the Department part of a School/Faculty of the university? - **S.P.P.U.Pune**
4. Names of programme offered (**UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.**) - **U.G**
5. Interdisciplinary programmes and departments involved- **No**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. - **NA**
7. Details of programmes discontinued, if any, with reasons- **No**
8. Examination System:Annual/Semester/Trimester/Choice Based Credit System-**Annual/Semester**
9. Participation of the department in the courses offered by other departments-**No**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	-	-	-
Associate Professors	04	03	-
Asst. Professors	02	00	-
Others	02	02	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. Students guided
Dr. Wagh B.D	MSc.Ph.D	Associate Prof.and H.O.D.	Plant Physiology	26	--
Dr Sabale P.P.	MSc. B.Ed. Ph.D.	Associate Prof.	Bryophytes and Pteridophyta	25	--
Prof.Shinde C.L.	M.Sc	Associate Prof.	Genetics	25	--
Prof.Gore P.A.	M.Sc	Assist. Prof.	Biotechnology	03	
Prof.Modi A.D.	M.Sc	Assist. Prof.	Biotechnology	03	--

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Sr. No.	Name	Designation
1.	Prin.Dr.B.S.Deshmukh	Principal,Guide For MPhil and Ph.D in Botany,Adv. M.N.Deshmukh College Rajur.
2.	Professor B.M.Gaikar	Vice-Principal,Guide For MPhil and Ph.D in Botany,Ahmednagar College A'Nagar.
3.	Prin. B.A.Apparao	Principal,Guide For MPhil and Ph.D in Botany,Jijamata College Bhende.

13. Percentage of classes taken by temporary faculty - programme-wise information

Sr. No.	Name of faculty	Programme Name	Percentage of classes taken
1.	Prof.Gore P.A	F.Y.BSc	21.05
		S.Y.BSc	22.22
		T.Y.BSc	16.66
2.	Prof.Modi A.D	F.Y.BSc	31.57
		S.Y.BSc	00
		T.Y.BSc	29.16

14. Programme-wise Student Teacher Ratio

Programme Name	Percentage of classes taken
F.Y.BSc	31.75:1
S.Y.BSc	24.33:1
T.Y.BSc	3.80:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Name of the Staff Sanctioned	Actual Filled
02	02

16. Research thrust areas as recognized by major funding agencies - **NIL**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. - **NIL**
18. Inter-institutional collaborative projects and associated grants received - **NIL**
a) National collaboration b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. - **NIL**
20. Research facility / centre with - **NIL**
- state recognition
 - national recognition
 - international recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies - **NIL**
22. Publications:
- * Number of papers published in peer reviewed journals (national / international) - **03**
 - * Monographs - **NIL**
 - * Chapters in Books *Edited Books -**NIL**
 - * Books with ISBN with details of publishers -**NIL**

*Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

*Citation Index – range / average *SNIP * SJR

*Impact Factor – range / average *h-index -1.5 -2.5

23. Details of patents and income generated-NIL
24. Areas of consultancy and income generated - **Consultancies provided to**
 - 1) **Sahakar Maharshi Bhausaheb Thorat Sahakari Sakhar Karkhana Amrutnagar Sangamner , A'Nagar**
 - 2) **Sangamner Taluka Dudh Utpadak and Prakraya Sangha Amrutnagar Sangamner , A'Nagar.**
 - 3) **Shri Bhausaheb Thorat Amrutvahini Bank Amrutnagar Sangamner**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad -NIL
26. Faculty serving in
 - a) National committees b) International committees c) Editorial Boards d) any other (please specify) - NIL
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). - **NIL**
28. Student projects
 - percentage of students who have done in-house projects including inter-departmental projects -**departmental projects for Botany Special Students**
 - percentage of students doing projects in collaboration with other universities / industry / institute
29. Awards / recognitions received at the national and international level by - **NIL**
30. Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any. -**NIL**
31. Code of ethics for research followed by the departments -

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected 2017-18		Pass percentage 2016-17		
		Male	Female	Pass	Fail	Percentage
F.Y.BSc	121 (126)	45	76	96	28	77.41
S.Y.BSc	70 (73)	23	47	50	35	58.82
T.Y.BSc	18	06	12	06	02	75.00

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
F.Y.BSc	100	--	--	--
S.Y.BSc	100	--	--	--
T.Y.BSc	100	--	--	--
Add-on Course	100	--	--	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sr. No.	Name Students	Name of Exam. qualified
1.	Gunjal Nanasaheb	NET- qualified in life Sciences
2.	Modi Aparna D.	PET- qualified in Botanical Sciences

35. Student progression

Year	Number of students enrolling to Programme	Number of students enrolling into higher education	Program graduated from	UG to PG	P.G. to MPhil to PhD	PhD to Post Doc.
2013-14	13	08	B.Sc.(Botany)	08	00	00
2014-15	17	09	B.Sc.(Botany)	09	00	00
2015-16	06	04	B.Sc.(Botany)	04	00	00
2016-17	07	02	B.Sc.(Botany)	02	00	00
2017-18	19	05	B.Sc.(Botany)	05	--	--

36. Diversity of staff--

Percentage of Faculty Who are	
Graduates of the same university	100
From other universities within the	00
State from universities from other	00
universities outside the country	00

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period - **NIL**

38. Present details of departmental infrastructural facilities with regard to

- a) Library - **Dept.Library**
- b) Internet facilities for staff and students - **Yes**
- c) Total number of class rooms - **03**
- d) Class rooms with ICT facility - **01**
- e) Students' laboratories - **02**
- f) Research laboratories - **NIL**

39. List of doctoral, post-doctoral students and Research Associates -**NA**

- a) from the host institution/university
- b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university.-
NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology- **NIL**
42. Does the department obtain feedback from
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? - **Yes**
 - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? - **Yes**
 - Alumni and employers on the programmes offered and how does the department utilize the feedback? - **Yes**
43. List the distinguished alumni of the department (maximum 10)

Year	No. of students / Alumni	Name of the institute / Dept.
2013-14 to 2016-17	1.Kotkar Pramod Radhu 2.Shinde Suresh Sampat 3.Shelke Ajit Suryabhan 4.Kanwade Sumit Vilas 5.Khandage Shital Maruti 6.Gadage Sudhakar S. 7.Pachpind Hemlata Subhash 8.Kadlag Rohit Babasaheb 9.Kale Abhijit Dilip 10.Dawange Anita Dnyandeo 11.Kadlag Mangesh	Marketing Exe.Pharma Lab.Tech.SMBT.Ghoti Job. Pune Assist.Teacher-Satana Assist.Teacher-Talegaon Marketing Exe.Pharma Assist.Teacher-Ashvi college Syngenda-India Co.Pvt.Ltd Relince-Office Sangamner Job. Pune Malpani group Sangamner

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Name of student enrichment programmes	Students Benefited
special lectures i) Dr.M.V.Pachore ii) Dr. S.K.Bachchhav	18 45
Workshops – on Bonsai Making	05

45. List the teaching methods adopted by the faculty for different programmes.
- 1) **Students Centric - Classroom teaching, Chalk and talk method**
 - 2) **Experimental - Visits, Botanical tours, Farm visits**
 - 3) **Participative- group discussion, Seminars, PPT-presentation**
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- The programme objectives are constantly met and learning outcomes are monitored through continuous evaluation by tests, tutorials students' feedback**
47. Highlight the participation of students and faculty in extension activities. Participation of students and faculty in following extension activities -
- 1) **Survey of biodiversity of N.S.S Adopted Village.**
 - 2) **Tree Plantation and Landscaping in College Campus**
 - 3) **Visit to Mushroom cultivation Small-scale Industry.**
48. Give details of "beyond syllabus scholarly activities" of the department.
- The T.Y.B.Sc Botany Special Students Prepare "**A Project On Medicinal Plants**" and present the project with the help of Power Point Presentation
 -
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.- **NA**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths -

- Qualified and enthusiastic faculties
- Good, Sufficient infrastructure
- Well equipped spacious laboratories
- Sufficient No. of Reference and Text Books as per Student : ratio
- Facilities for ICT- Teaching

Weakness -

- No adequate space to develop Botanical garden
- Vacancies are not filled on grantable basis

Opportunities

- To organize State / National level Conferences

- To organize Students workshop
- Work for Biodiversity Conservation and tree plantation
- Short term certificate / Add-on courses

52. Future plans of the department.

- To start P.G. in Botany
- To develop Botanical garden

Dr Balasaheb D. Wagh

10A/C

**Strengths, Weaknesses, Opportunities and Challenges (SWOC)
Of the department.**

Strengths -

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Opportunities

- To organize State / National level Conferences
- To organize Students workshop
- Work for Biodiversity Conservation and tree plantation
- Short term certificate / add-on courses
-

Future plans of the department.

- To start Post Graduation in Botany
- To develop research Center in Botany and Environmental Science
- To develop Botanical garden
- To organize training programmers for T.Y.BSc Students

Dr Balasaheb D. Wagh