

RAJASTHAN EDUCATION SOCIETY'S



R. A. ARTS, SHRI M. K. COMMERCE AND  
SHRI S. R. RATHI SCIENCE MAHAVIDYALAYA,  
WASHIM. (M. S.)



## Evaluative Report



Department of Botany

## Department of Botany

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1.	Name of the department	Botany
2.	Year of Establishment	1985
3.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., IntegratedMasters; Integrated Ph.D., etc.)	UG, P.G.-2016-17 (Self
4.	Names of Interdisciplinary courses and the departments/ units involved	NIL
5.	Annual/semester/choice based credit system (programme wise)	UG-Semester PG - C. B. C.
6.	Participation of the department in the courses offered by other departments	NIL
7.	Courses incollaboration with other universities, industries ,foreign institutions, etc.	NIL
8.	Details of courses/programmes discontinued (if any) with reasons	NIL

### 9. Number of Teaching posts

	Sanctioned	Filled
Professors	00	00
AssociateProfessors	01	01
Asst.Professors	01	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./Ph.D. / M.Phil. etc.)

Name	Qualification	Designation	Specialization	No.of Years of Experience	No.of Ph.D. Students Guided for the Last 4 years
Mr. P. G. More	M. Sc. B. Ed.	Associate Professor	Cytogenetics	29	Nil
Dr. G. D. Wadankar	M. Sc. Ph. D.	Assistant Professor	Plant Tissue Culture In Vitro Mutation	01(Regular) 09(CHB)	Nil.
Mr.D.D. Lemade	M.Sc	C.H.B	Pathology	12	Nil
Mr.S.K.Arsod	M.Sc	C.H.B	Plant Reproductive Biology	01	Nil
Mr. J. B. Bhalerao	M.Sc	C.H.B	Biotechnology	01	Nil

11. List of senior visiting faculty

1	Dr. Rothe	Shri Shivaji College, Akola
2	Dr. Nandu Zade	Principal, Mahatma Phule MV, Warud.
3	Dr. V. R. Deshmukh	Vidyabharti MV, Amravati
4	Dr. Halwe	KRIInnani MV, Karanja
5	Dr. Bakshi	KRIInnani MV, Karanja

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty.

U. N. Gawali	B. Sc. Part I/II/III	30%
P. D. Lemade	B. Sc. Part II/III	30%
S.K.Arsod	B. Sc. Part II/III	30%
J.B.Bhalerao	B. Sc. Part II/III	30%

13. Student-Teacher Ratio (programme wise)

UG	No Of Student	No Of Teacher	Student Teacher Ratio
2011-12	63	2	31.5:1
2012-13	98	2	49:1
2013-14	121	2	60.5:1
2014-15	158	2	79:1
2015-16	156	2	78:1
2016-17	160	2	80:1

PG(Non Grant)	No Of Student	No Of Teacher	Student Teacher Ratio
2016-17	18	4	4.5:1

1. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Sr.No	Name	Designation
1	Shri K. G. Alane	Lab Assistant
2	Shri B. U. Nanote	Lab Attendent
3	Shri G. Tiwari	Lab Attendent

15. Qualifications of teaching faculty with D. Sc /D.Litt/Ph.D/M. Phil/P. G.

➤ Dr. G. D. Wadankar is the faculty with Ph. D. Degree.

16. Number of faculty with on going projects from a) National b) International funding agencies and grants received :----- Nil.

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR,etc.and total grants received: Nil

18. Research Centre/facility recognized by the University: Nil

19. Publications: Nil

20. Areas of consultancy and income generated Nil

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards:

Dr. G. D. Wadankar is the publisher of

➤ International Journal of Global Biosciences,

➤ International Journal of Innovations in Biosciences.

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental /programme ----- :Nil

a) Percentage of students placed for projects in organizations out side the Institution i.e. in Research laboratories/ Industry/ other agencies ---:Nil

23. Awards/Recognitions received by faculty and students :Nil

24. List of eminent academicians and scientists/visitors to the department:

Dr. K. M. Kulkarni	Eminent Scientist	Retd. Director, Higher Education, Pune.
Dr. Jaykiran Tidke	Academician	Pro-Vice Chancellor, SGBAU, Amravati.
Dr. Ajay Deshmukh	Academician	Registrar, SGBAU, Amravati.
Dr. S. K. Omanwar	Academician	SGBAU, Amravati.
Dr. Anil Bokil	Stakeholder	Faculty, Arthakranti Proposals. Aurangabad.
Dr. F. C. Raghuvanshi	Academician	Principal, Vidya Bharti Mahavidyalaya, Amravati.

Dr. Manekar	Academician	Principal, Govt. B. Ed College, Akola
Dr. Gopalrao Patil	Academician	President, Shahu Education, Society, Latur
Justice Munshi	Stakeholder	Chief Justice, Bombay High Court.
Justice Zaka Mohamad Aziz Huq.	Stakeholder	Chief Justice, Nagpur Bench, Bombay High Court.
Sindhutai Sapkal	Stakeholder	Socialist.

25. Seminars/Conferences/Workshops organized & the source of funding

a) National : Nil

b) International : Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B. Sc. Part I	109	109	50	59	70%
B. Sc. Part II	106	106	44	62	68.42%
B. Sc. Part III	98	98	20	78	90%

\*M=Male \*F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG	100%	00%	00%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Nil.

29. Student progression

Student progression	Against % enrolled
UG to PG	10%
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil

Employed • Campuselection • Other than campus recruitment	Nil
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities

- a) Library : Central Library only.  
b) Internet facilities for Staff & Students : Available  
c) Class rooms with ICT facility : Available  
d) Laboratories : UG./PG and Tissue Culture Laboratory is available .

31. Number of students receiving financial assistance from college, university, government or other agencies : GoI Scholarship only.

32. Details on student enrichment programmes (special lectures/workshops /seminar)with external experts : Seminars only.

33. Teaching methods adopted to improve student learning

Question-Answer Method:

Use of ICT in teaching.

Participatory teaching learning is emphasis as the education is student centric. Students participation increased by their interaction in seminars.

Students seminars are therefore encouraged.

Group Discussion: Activity mandatory for semester III, IV, V, and VI as prescribed by SGBAU, Amravati as a part of Internal Activity.

Brain storming: To get students involve in activity and generate new ideas this method was used

Interactive media material: all the Audiovisual aids such as charts and models are used to make teaching effective.

Case study: Students are given problems on, environment, water pollution, air pollution, soil pollution, etc.

Field visit: Environment and forest sensitization is achieved through the activity of field visit knowledge of Phytogeography is known through such events.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Importance of plantation and environmental awareness camps are taken in adopted villages by NSS unit. The proper guidance is provided by the faculties of Botany Department.

35. SWOC analysis of the department and Future plans

**Strength :**

- Well experienced and diligent Staff.
- Laboratory infrastructure,
- Sophisticated Equipments
- Tissue Culture Laboratory.
- Educational Facility upto PG level.

**Weakness:**

- Inadequate recruited teaching staff. As delayed permission of the Government.
- Most of the workload is distributed among CHB Staff only.

**Opportunity:**

- Through tissue culture consultancies can be provided.

**Challenges:**

- The admissions though increased year after year, but comparatively the infrastructural facilities are insufficient.