



Department of Botany

1. Year of Establishment:

UG-1995

PG-2004-2005

2. Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.):

Under Graduate - Bachelor of Science (Botany)

Post Graduate – Master of Science

3. Names of Interdisciplinary courses and the departments/units involved:

Nil

4. Annual/semester/choice based credit system (programme wise):

UG-Annual

PG-Semester

5. Participation of the department in the courses offered by the other departments:

Nil

6. Courses in collaboration with other universities, industries, foreign institutions, etc.:

Nil.

7. Details of courses/programmes discontinued (if any) with reasons:

Nil

8. Number of Teaching posts

	Sanctioned	Filled
Professor	01	-
Associate Professor	-	-
Assistant Professor	02	01

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

Name	Qualification	Designation	Specialization	No. of Years of	No. of Ph.D.



				Experience	Students guided for the last 4 years
Smt. Shiba	M.Sc. SET	Asst. Professor	Plant pathology	UG-2 PG-2	-

10. List of senior visiting faculty:

Session	Name	Lecture Topics	Student	From
2013-14	Dr. Vaibhav Acharya	IUCH and Theatered Species	PG	D.B.G.P.G. College Raipur

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

S. No.	Session / Year	Program	Total Lectures	Lecture taken by Regular Faculty	Lecture taken by Temporary Faculty	Percentage of Lecture delivered by Temporary Faculty
	2011-12	B.Sc.	792	0	0	0
	2012-13	B.Sc.	824	284	540	65.53
	2013-14	B.Sc.	804	712	0	0
	2014-15	B.Sc.	1200	1200	0	0
	2015-16	B.Sc.	1181	915	266	22.52
		M.Sc.	860	637	223	25.93

12. Student-Teacher Ratio (Programme wise):

UG-200:1 (reg. staff : student), 200:1 (reg. staff + guest lecture + JBS) :student

PG-40:1 (reg. staff : student), 40:1 (reg. staff + guest lecture + JBS) :Student

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Lab technician-01 (One); Administrative staff-Nil

Staff	Sanctioned	Filled
Lab technician	01	01
Lab Attendant	01	01
Administrative Staff	-	-

14. Qualifications of teaching faculty with DSc./D.Litt/Ph.D./ M.Phil/PG:

PG - 01

15. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:



Nil

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

Nil

17. Research Centre/facility recognized by the University:

Nil

18. Publications:

* Publication per faculty:

Nil

* Number of papers published in peer reviewed journals (national/international) by faculty and students:

Nil

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

* Monographs:

Nil

* Chapter in Books:

Nil

* Books Edited:

Nil

* Books with ISBN/ISSN numbers with details of publishers:

Nil

* Citation Index:

Nil

* SNIP

Nil

* SJR



Nil

* Impact factor:

Nil

* h-index

Nil

19. Areas of consultancy and income generated:

The college is a government organization therefore consultancy. Services on payment basis are not allowed. But the department promote consultancy with the help of NGOS and other agency to publicized the expertise available for consultancy services.

Department - Area for consultancy

Botany - Ecology & medicinal plants

20. Faculty as members in

d. National committees:

Nil

e. International Committees:

Nil

f. Editorial Board:

Nil

21. Student Projects

c. Percentage of students who have done in-house projects including inter departmental/programme:

Nil

d. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industries/Other agencies:

Nil

22. Award/Recognitions received by faculty and students

Nil



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

Nil

24. Seminar/Conferences/Workshops organized & the source of funding

c. National:

Nil

d. International:

Nil

25. Student profile programme/course wise:

2015-16

Name of the course/programme	Applications received	Selected	Enrolled	
			*M	*F
M.Sc. Prev.	235	20		
M.Sc. Final	18	18	05	13

2014-15

Name of the course/programme	Applications received	Selected	Enrolled	
			*M	*F
B.Sc. I	419	80	27	53
B.Sc. II	68	68	26	42
B.Sc. III	60	60	27	33
M.Sc. Prev.	153	20	06	14
M.Sc. Final	17	17	07	10

2013-14

Name of the course/programme	Applications received	Selected	Enrolled	
			*M	*F
B.Sc. I		80	34	47
B.Sc. II	67	67	27	40
B.Sc. III	62	62	20	42
M.Sc. Prev.	-	20	09	11
M.Sc. Final	13	13	05	08

2012-13

Name of the course/programme	Applications received	Selected	Enrolled	
			*M	*F
B.Sc. I		80	31	49



B.Sc. II	68	68	26	42
B.Sc. III	44	44	20	24
M.Sc. Prev.		20	09	11
M.Sc. Final	08	08	03	05

2011-12

Name of the course/programme	Applications received	Selected	Enrolled	
			*M	*F
B.Sc. I	-	80	34	47
B.Sc. II	44	44	15	29
B.Sc. III	32	32	18	14
M.Sc. Prev.	-	10	05	05
M.Sc. Final	06	06	03	03

26. Diversity of Students

Name of the course	% of students from the same state	% of students from other states	% of students from abroad
UG - B.Sc.	100	-	-
PG - M.Sc.	100	-	-

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

There is no students have cleared national & state competition examination.

28. Student progression:

Student progression	Against % enrolled					
	2015-16	2014-15	2013-14	2012-13	2011-12	2010-11
UG to PG	-	16.66	11.76	16.66	14.28	30
PG to M.Phil.	Nil	-	-	-	-	-
PG to Ph.D.	-	-	-	-	-	-
Ph.D. to Post-Doctoral	-	-	-	-	-	-
Employed						
-Campus selection	-	-	-	-	-	-
-Other than campus selection	-	-	-	-	-	-
Entrepreneurship /Self-employment	-	-	-	-	-	-

Ph.D. Cleared students in department of Botany

1. Pankaj Kumar IV semester 2014.



2. Shankar Lal / Shivanarayan IV semester 2014.

29. Details of Infrastructural facilities

e. Library:

	Total No. Of Books	Total No. Of Books (UGC)	Total No. of Books (SCBB)	Total No. of Books (STBB)	Total No. Of Books (BPL BB)	Grant Total
Total No. Of Books	502	374	317	106	26	1325
No. of Periodic Journal	02	-	-	-	-	02
No. of Books in Department	262	-	-	-	-	262

f. Internet facility for Staff & Students:

Nil

g. Class rooms with ICT facility:

Nil

h. Laboratories:

UG & PG - 01

30. Number of students receiving financial assistance from college, university, government or other agencies:

* Books are get from books scheme by all students of ST,SC,OBC and BPL Categories. Also get scholarship as per state Govt.

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

Session	Name	Topic	Student	From
2013-14	Dr. Vaibhav Acharya	IUCN & Theateded Species	PG	D.B. Girls College Raipur

32. Teaching methods adopted to improve student learning:

g. Lecture method.

h. Chalk and Black Board method <White Board>



- i. OHP
- j. LCD Projector
- k. Charts and specimens.
- l. Learning by doing: Working in Botanical Garden & Maintained it by student .
- m. Through Visit Laboratories: Excursion tour helps to gain knowledge about the flora.

33. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- * Participation in seminars and special lecture i.g. students and faculty actively participate in “National seminar” and science day organized by our college
- * Participation in other activities during the session .
- * Actively participation in excursion and field work .

34. SWOC analysis of the department and future plans:

Strength:

Faculty:-

In the point of teacher student ratio

Teaching by the faculty fin these type of student pressure (high student strength)

Laboratories :-

- * Students get the practical knowledge by learning by doing method in the field work <botanical Garden> in the lack of laboratory
- * Provide the practical knowledge to the student by making batches

Location of the college :-

- * Nearby National highway no. 30
- * Botany gardens department medicinal plant to enrich students knowledge in the subject.

Weakness:

- * Lack of internet connection
- * Lack of sufficient teaching staff



- * Have not separate staff rooms & hall for guest lecture etc.
- * Lack of sufficient books and journal for PG.
- * Lack of sufficient official worker to handle lab and other (botanical Garden)
- * Department does not have move with other department and enhance.

Opportunities:

- * To start self finance course
- * To start special paper in M.Sc. ethanobotany.
- * Research opportunities
- * To organize Seminar for preparation of competitive exams i.e. CGPSC, UPSC.
- * To organize seminar for preparation of NET/SET examination.

Challenges:

- * Renovate the department
- * English language problems for P.G. Level
- * Non Ph.D. faculty
- * Updation of department to get modern technique and computer etc.
- * To start major/minor projects.

Future Plan:

The department are developing "Botanical Garden" recently specially having medicinal plant with the help of PG students and college staff. Now it is in primary stages but will be in advance stage with their scientific nomenclature and medicinal uses. And also with the name of dinar of each plant and the department but also college campus for making eco friendly atmosphere and beautiful outlook of the college are campus. For there some area of the college are adopted by the PG students for make froups. There both work will be a best step to promote the research activities.

The department are also planning for mushroom cultivation to know techniques and uses in the coming year with the help of Krishi Vigyan Kendra Sambalpur Dist-Dhamtari (C.G.)



The department college are also making a list of vegetation college campus and will public now this work will be take forest by the department that are our mission also.