

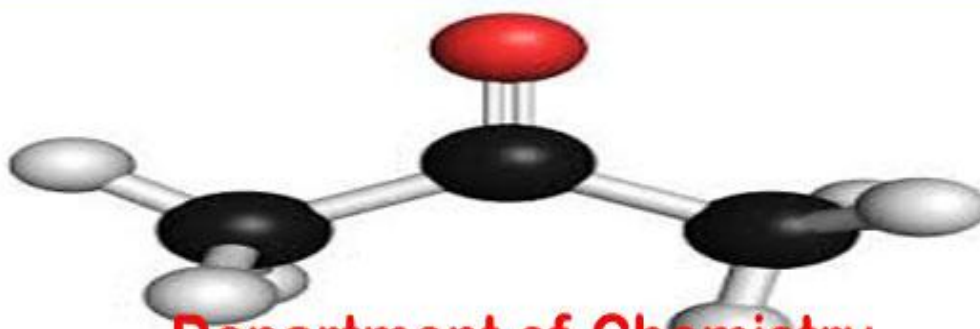
RAJASTHAN EDUCATION SOCIETY'S



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



## Evaluative Report Of The Department



## Department of Chemistry

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	CHEMISTRY
2.	Year of Establishment	1983
3.	Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	UG and PG
4.	Names of Interdisciplinary courses and the departments/ units involved	B. Sc. Biology, B. Sc. Microbiology, B. Sc. Mathematics.
5.	Annual/semester/choice based credit system (programme wise)	Semester System
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. Numberof Teachingposts

	Sanctioned	Filled
Professors	00	00
AssociateProfessors	02	02
Asst.Professors	03	03

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

Name	Qualification	Designation	Specialization	No.ofYears of Experience	No.ofPh.D. Students guidedforthe last4years
Mr.L. S. Kabra	M.Sc. M. Phil.	Asso. Professor	Physical Chemistry	34	NIL
Mr. R. F. Pagariya	M.Sc.	Asso. Professor	Inorganic Chemistry	30	NIL

Mr. M. S. More	M.Sc. NET	Asstt. Professor.	Organic Chemistry	01	NIL
Dr. N. V. Rathod	M. Sc. Ph. D. , SET, GATE	Asstt. Professor	Inorganic Chemistry	01	NIL.
Mr. B. G. Kharode	M. Sc. NET, GATE, B.Ed	Asstt. Professor	Organic Chemistry.	01	NIL
Miss Y. P. Shaikh	M.Sc. B. Ed.	Contract Basis	Organic Chemistry	03	NIL
Mr. P. S. Heda	M.Sc. B. Ed.	Contract Basis	Organic Chemistry	02	NIL
Mr. B. S. Bhise	M. Sc. NET	Contract Basis	Organic Chemistry	01	NIL
Miss V. P. Wankhede	M. Sc. D. Ed.	Contract Basis	Organic Chemistry	01	NIL
Mr. V. S. Chavan	M. Sc. B. Ed.	Clock Hour Basis	Organic Chemistry	02	NIL
Miss M. T. Bhopale	M. Sc. B. Ed.	Clock Hour Basis	Organic Chemistry	01	NIL
Mr. M. S. More	M. Sc. SET	CHB	Organic Chemistry	02	NIL

#### 11. List of senior visiting faculty

Sr. No.	Name of the Faculty	Name of the college
1	Dr. A. S. Aswar	HOD, Dept. of Chemistry SGBAU Amravati
2	Dr. Pravin Raghuvanshi	Dept. of Chemistry , Biyani MV, Amravati
3	Dr. A. Y. Deshmukh	Innani college Karanja
4	Dr. D.V.Jadhao	Y. C. College, Mangrulpir
5	Dr. J.R.Choudhari	Y. C. College, Mangrulpir
6	Dr. N. S. Thakare	Innani college Karanja
7	Dr. Saundankar	Dept. of Chemistry, P. N. College, Pusad.
8	Dr. Patil	Dept. of Chemistry, P. N. College, Pusad.

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

Name of the faculty	Under Graduate Classes	Post Graduate Classes
Miss Y. P. Shaikh	07	20
Mr. M. S. More	07	20
Mr. P. S. Heda	07	20
Mr. B. S. Bhise	20	07
Miss V. P. Wankhede	20	07
Mr. V. S. Chavan	00	07
Miss M. T. Bhopale	00	07

13. Student-TeacherRatio(programmewise)

Class	Student-Teacher Ratio
Under Graduate	52:1
Post Garaduate	06:1

14. Numberofacademicsupportstaff(technical)andadministrativestaff;sanctioned andfilled

	Academic Staff (Technical)	Administrative Staff
Sanctioned	01	04
Filled	01	04

15. QualificationsofteachingfacultywithDSc/D.Litt/Ph.D/MPhil/PG.

Name	Qualification
Mr.L. S. Kabra	M.Sc. M. Phil.
Mr. R. F. Pagariya	M.Sc.
Miss Y. P. Shaikh	M.Sc. B. Ed.
Mr. M. S. More	M.Sc. NET
Mr. P. S. Heda	M.Sc. B. Ed.
Mr. B. S. Bhise	M. Sc. NET
Miss V. P. Wankhede	M. Sc. D. Ed.
Mr. V. S. Chavan	M. Sc. B. Ed.
Miss M. T. Bhopale	M. Sc. B. Ed.

16. Number of faculty with ongoing 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

Sr. No.	Number of Faculty	Funding Agency	Grant received	Status
1	Nil	Nil	Nil	Nil

18. Research Centre/facility recognized by the University -----NIL

19. Publications:

\*a) Publication per faculty

Sr. No.	Name of the Faculty	No. of paper published
01	Mr. R. F. Pagariya	06

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

Sr. No.	Name of the Faculty	No. of paper published	
		National	International
01	Mr. R. F. Pagariya	06	
02	Mr. K. M. Rathod	03	
03	Dr.N.V.Rathod	05+(3 communicated)	

\* CitationIndex----01

\* Impactfactor-- - 02.07

\* h-index -NIL

20. Areas of consultancy and income generated-NIL

21.Faculty as members in

a) National committees b) International Committees

c)Editorial Boards.... :Nil

22. Student projects

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

Undergraduate Classes	00%
Post Graduate Classes	100%

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies- :Nil

23.Awards/Recognitions received by faculty and students

Sr. No.	Name of the students	Awards
1	Miss Toba Yasmin Saleem Danish	1 <sup>st</sup> prize in University Level Chemiquitz,
2	Miss Renuka Nirmalkumar Yadav	1 <sup>st</sup> prize in University Level Chemiquitz,

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	Professor and Head, Department of Physics, 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.
Dr. A. S. Aswar	Academician	SGBAU, Amravati.
Dr. Bharad	Academician	Vasantrya Naik MV. A'bad.
Dr. Bhusare	Academician	Dnyanopasak Shiksha Mandal, Parbhani.
Dr. Paliwal	Academician	Head, PGTD, Nagpur.
Dr. Karade	Academician	PGTD, Nagpur
Dr. Berad	Academician	PGTD, Nagpur.
Dr. Mahakalkar	Academician	Sevadal M. V. Nagpur.

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

a) National:

UGC Sponsored University Level Seminar Competition on, Chemistry in Daily Lives.

AUCTA Sponsored University Level Seminar on Spectroscopy.

b) Internatinal:

:Nil.

26. Student profile programme/course wise:

Nameofthe Course/programme (refer question no.	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B. Sc. Part I	250	206	77	129	58%
B. Sc. Part II	178	178	88	90	48.8%
B. Sc. Part III	133	133	34	91	71%
M. Sc. Part I	19	19	09	10	90%
M. Sc. Part II	12	12	05	07	80%

\*M=Male \*F=Female

27. Diversity of Students

Nameofthe Course	%of students fromthe samestate	%ofstudents fromother States	%of students from abroad
B. Sc. Part I	100%	-	-
B. Sc. Part II	100%	-	-
B. Sc. Part III	100%	Nil	-
M. Sc. Part I	100%	-	-
M. Sc. Part II	100%	-	Nil

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

One student qualified in SET in 2014

29. Student progression

Student progression	Against%enrolled
UG to PG	20
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph. D. to Post-Doctoral	Nil
Employed	10
<ul style="list-style-type: none"> <li>• Campusselection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurship/Self-employment	10

30. Details of Infrastructural facilities
  - a) Library: Central Library of the College.
  - b) Internet facilities for Staff & Students: Available
  - c) Class rooms with ICT facility: ICT Available
  - d) Laboratories: Well equipped Laboratories separately for UG. And PG
31. Number of students receiving financial assistance from college, University, government or other agencies: Nil
32. Details on student enrichment programmes (special lectures/workshops /seminar) with external experts
33. Teaching methods adopted to improve student learning-
  - Question-Answer Method:
  - Use of ICT in teaching.
  - Participatory teaching learning
  - Group Discussion: Brain storming:
  - Interactive media material:
  - Case study:
34. Participation in Institutional Social Responsibility (ISR) and Extension Activities. -----Nil
35. SWOC analysis of the department and Future plans

**Strength:**

- Highly qualified, hard-working and experienced teaching Staff.
- Spacious and well equipped Laboratories.
- Eye catching results.
- Students like to secure admission for the subject. The department is having its experienced and expert teaching staff.

**Weakness:**

- Inadequate appointments of regular teaching staff as Government have not permitted and sanctioned in spite of consistent demands.

**Opportunity:**

- Department is running P.G. classes, therefore, research activity is to be encouraged.

**Challenges:**

- P. G. students progression need to be associated with chemical industries. MoU with industries and stakeholders may be signed for campus selection.