

## EVALUATIVE REPORT-14

### DEPARTMENT OF CHEMISTRY

1. Name of the Department - **Chemistry**
2. Year of Establishment - **B.Sc.(1961),M.Sc.(1966)**
3. Names of Programs / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.) - **B.Sc. & M.Sc.  
Math for Chemist  
Computer for Chemist  
Biology for Chemist**
4. Names of Interdisciplinary courses and the departments/units involved - **Computer Dept.  
Math Dept.  
Bio Dept.**
5. Annual/ semester/choice based credit system (program wise) - **B.Sc. - Annual,  
M.Sc. – Semester**
6. Participation of the department in the courses offered by other departments - **NIL**
7. Courses in collaboration with other Universities - **NIL**  
Industries, Foreign Institutions, etc.
8. Details of courses/programs discontinued (if any) with reasons - **NIL**
9. Number of Teaching posts -

Professors	Sanctioned -	Filled -
Associate Professors	-	-
Asst. Professors	12	-
Asst. Professors or Lecturer on (Mandey)		02
Part Time Lecturer	-	05
Retired Asso. Professors	-	02

10. Faculty profile with name, qualification, designation, specialization,

Name	Qualification	Designation	Specialization	No. of Year of Experience	No. of Ph.D. Students guided for the last 4 year
Dr. Arvin Panwar	M.Sc., Ph.D.	Asst. Prof. Manday	Physical	19	-

Dr. Sanjay Arora	M.Sc., Ph.D.	Asst. Prof. Manday	Organic	17	-
Dr. D.P Singh	M.Sc., Ph.D.	Retd. Asso. Prof.	Physical	46	-
Dr. R.K.Garg	M.Sc., Ph.D.	Retd. Asso. Prof.	Organic	46	-
Dr. Sunil kumar	M.Sc., Ph.D.	Part Time Lecturer	Organic	07	
Mr. Devender kumar varma	M.Sc., Ph.D.	Part Time Lecturer	Physical	20	
Ms. Shabeena Kaukab	M.Sc	Part Time Lecturer	Organic	01	-
Ms. Nidhi Mittal	M.Sc	Part Time Lecturer	Organic	01	-
Ms. Kalpana	M.Sc	Part Time Lecturer	Organic	01	-

11. List of senior visiting faculty - **NIL**
12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty  
**Theory 80% Practical 80%**
13. Student – Teacher Ratio (Program wise)  
**B.Sc. 80:1, M.Sc. 05:1**
14. Number of academic support staff (technical) and administrative staff sanctioned and filled  
**Lab Assistant 01 Support Staff 03**
15. Qualifications of teaching faculty with D.Sc./D..Lit./Ph.D./M.Phil./P.G.  
**Ph.D. 04 P.G 05 M.Phil -**
16. Number of faculty with ongoing projects from - **NIL**  
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 - **YES**
19. Publications  
a) Publication per faculty

**DETAILS OF PUBLICATIONS BY FACULTY MEMBERS**

Name	Title	Name of Co-author	Name of Journal	Volume No.	Page No.	Month	Year	ISSN/ ISBN No.
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Dr. Arvin Panwar	Ultrasonic velocity measurement of organo chloro pesticides in water	-	Acta Ciencia Indica	XXXIII	4	-	2007	-
	Studies on Refractive Index and density of organo chloro pesticides in water	-	Acta Ciencia Indica	XXXVII	4	-	2007	0235-7338
	Effect of Temperature on the acoustic behavior of organo-chloro pesticides in menthol	-	International Journal of Chemistry Science	-	-	-	2007	ISSN-2443-2453

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

**Dr. Arvin Panwar 03**

- Seminar workshop attended /Paper presented  
**02 Seminars and 01 Conference by Dr. Arvin Kumar**
- Number of publications listed in International Database (For E.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.) **-NIL**
- Monographs **-NIL**
- Chapter in Books **-NIL**
- Books Edited **-NIL**
- Books with ISBN/ISSN numbers with details of publishers

**1 Book with ISBN no. Dr. Arvin Panwar**

- Citation Index **- NIL**
- SNIP **-NIL**
- SJR **-NIL**
- Impact factor **-NIL**
- h-index **-NIL**

20. Areas of consultancy and income generated **-NIL**

21. Faculty as members in
- a) National committees **-NIL**
  - b) International Committees **-NIL**

c) Editorial Boards... -NIL

22. Student Projects  
a) Percentage of students who have done in-house projects including inter departmental/program -NIL

23. Awards/Recognitions received by faculty and students -NIL

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

25. Seminars/ Conferences/ Workshops organized & the source of funding  
a) National -NIL  
b) International -NIL

26. Student profile program/ course wise:

Name of the Course/program (Refer question no.4)	Applications received	Selected	Enrolled		Pass %
			*M	*F	
B.Sc. (PCM)	2544	180	118	62	80%
B.Sc. (CBZ)	1393	60	-	-	80%
M.Sc.	261	20	-	-	100%

\*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
B.Sc. (PCM & CBZ)	100%	NIL	NIL
M.Sc.	100%	NIL	NIL

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

**01 (Defence Service)**

29. Student progression -

UG to PG	70%
PG to M.Phil	Not Available
PG to Ph.D.	Not Available
Ph.D. to Post-Doctoral	Not Available
Employed • Campus selection	Not Available

• Other than campus recruitment	
Entrepreneurship/Self-employment	<b>Not Available</b>

30. Details of Infrastructural facilities
- a) Library - **NO**
- b) Internet facilities for Staff & Students - **NO**
- c) Class rooms with ICT facility - **NO**
- d) Laboratories - **YES**
31. Number of students receiving financial assistance from College, University, Government or other agencies – **NIL**
32. Details on student enrichment programs (special lectures/ Workshops/ seminar) with external experts **No**
33. Teaching methods adopted to improve student learning- **Traditionally**
34. Participation in Institutional Social Responsibility (ISR) and Extension activities - Students participate in ISR through **N.S.S., N.C.C. and Rovers /Rangers**
35. SWOC analysis of the Department and Future plans-
- S (Strength) -**  
The dept. is well reputed for its own excellence in teaching.
- W (Weakness) –**  
Lack of Permanent teaching staff according to the sanctioned posts.
- O (Opportunities) –**  
As far as career options for students are concerned, chemistry offers a versatile platform for futuristic education.
- C (Challenges) –**  
In-spite of background of students ,we are providing them quality education.
- Future Plan –**  
To establish PG library and enrich it with updated books.

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