

CHEMISTRY DEPARTMENT

- (1) Name of department - Chemistry
(2) Year of establishments - 2014-15
(3) Name of courses - UG- Chemistry
(4) Annual/semester system - Annual system

Number of teaching technical and administrative staff of the department

Staff	Male	Female	Total
Teaching staff	-	01	01
Teachincal staff	01	-	01
Administrative staff	-	-	-
Lab attendant	01	-	01

Number of Teacher & Staff in the Department

Staff	Number of Post
Permanent Teaching Staff	-
Guest Faculty Against the Post	01

Faculty profile with name, qualification, designation, specialization:

S.No.	Name	Qualification	Designation	Specialization
1	Dr. Neha Sharma	M.Sc., Ph.D	Guest Faculty	Chemistry

Curricular Aspects

- Curricular planning and implementation
- Online admission in the institution is made on the basis of guidelines provided by department Higher education M.P GOVT.
- The college offers undergraduate course in science i.e B.Sc.

S no	UG	Group	Subjects
1	B.Sc.	CBZ	Chemistry, Botany, Zoology and FC
2	B.Sc.	PCM	Physics, Chemistry, Maths and FC

- Syllabus is designed and approved by UGC is being implement Unified Syllabus of Barkatullah University, Bhopal.
- Time line also decided for maintenance & approved of teaching records i.e attendance register and Teaching Diaries
- Faculty of Dept. also proposes to maintain a weekly diary as per the directives of Higher Education Department for the tasks undertaken by faculty and present them on weekly basis besides the daily teaching diary and attendance record of students.

Academic Autonomy

- Our college is affiliated with Barkatullah University, Bhopal. So we are bound to follow the syllabus presented by university – but we are free to adopt innovative teaching methods to benefit the students.

Financial autonomy

- No financial autonomy purchasing the instrument from the budget section by UGC.
- The department is free to form its own timetable in consultation with the timetable committee of the college Discipline is maintained in the department and college.

Feedback

- We have a formal mechanism of taking feedback from students however it is not communicated to the university directly.

TEACHING LEARNING AND EVALUATION

The admission process is carried out through online process by the Higher Education Department. where candidates apply directly through online application

Result percent of last 5 years

B.Sc Chemistry	2014-15	2015-16	2016-17	2017-18	2018-19
B.Sc 1 st	91%	100%	100%	90%	97%
B.Sc 2 nd	---	91%	99%	96%	95%
B.Sc 3 rd	---	---	100%	100%	98%

Number of the student in the department during the Last 5 Years

Class S.No	2014-15	2015-16	2016-17	2017-18	2018-19
BSc 1 st	54	80	103	113	108
BSc 2 nd	---	54	80	103	104
BSc 3 rd	---	---	49	80	99
Total	54	134	232	296	311

Teaching learning process

- The faculty members are actively involved in not only providing academic guidance to the students but also improving their on academic excellence.
- Decide traditional teaching method (using blackboard) teachers also applied following teaching method

Lecture cum demonstration

Power point presentation

Charts

Models

Field trips

Group Discussion

Use OHP method for class teaching

Theory and practical classes are regularly held with good attendance

Remedial classes

Seminar

Students enrichment programmes

Study tours and visit

S.No	year.	Date	Places
1	2016-17	6-2-17 7-2-17	Bhopal van vihar Science centre
2	2017-18	8-9-2017	Sanchi
3	2018-19	15-12-18	Vigyaan centre

Workshop session 2015-2016

S.No.	Duration	Date	Title	Organized by
1	1day	30 march	Climate change and sustainable development	IQAC&jan bhagidari samiti Govt girls college sehare

Evaluation Process

- Periodic test
- Surprise class test in theory and practical classes
- Question-answer session in theory and practical classes
- Quiz seminars are regularly organized

Student performance and learning out comes

The progress and performance is monitored through CCEs and practical exam. The performance is communicated to the students by the faculty and measures on improvement on them are discussed with them by their 'guardian teacher' under tutor guardian scheme.

Present details about infrastructural facilities

Library Reference book -24

Total no of books -359

Internet facilities –yes

Student supports and progression

- Some of the student takes admission in P.G level
- Our department runs gauardian tutor scheme which is followed in the department as well
- During teacher guardian meet specialstress is on 75% attendance and it also makes the stydents & parents awareof the horizons of career and the scope of subject

- Through this scheme the teacher help the students to solve their academic non academic and some times personal problem also.
- Student are encouraged psychologically to perform well & to be move expressive and confident, personal attention is giving during their practical classes.
- To provide specimen books to poor and needy students.
- The students are provided counseling at various levels.
- our students actively participated in various sports & game cultural curricular and other extra – curricular activities activities accourding the yraely calander prescribe by department of Higher education.

Future plans

The department aims at becoming one of the leading department of the institution in future.

1. To establish a well equipped laboratory to enhance research activity
2. To organize training for developing skill in students
3. To trained the student for job opportunity
4. To give various project work for the development of the department.
5. To extend the knowledge of chemistry and its application to the society

Detail of strength, weakness, opportunity and Challenges of the Department

Strength

- Strong focus on quality teaching
- Experience and dedicated teacher
- Modern teaching are available
- Library rich in reference books

Weakness

- Students are Hindi medium through standard academic material is available English medium

- Inadequate space in the department
- No ideal labs for practical

Opportunity

- Availability of fund from Jan Bhagidari, Rusa and word bank.
- Communication and other skill development program for students

Challenges

- Lack of P.G department
- Decrease interest of the students in pure chemistry