

MATHEMATICS DEPARTMENT

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

Number of Teacher & Staff in the Department

Staff	Number of Post
Permanent Teaching Staff	01

Faculty profile with name, qualification, designation, specialization:

S.No.	Name	Qualification	Designation	Specialization
1	Shivam Saxena	M.Sc.	Assistant Professor	Mathematics

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.	PCM	Physics, chemistry, Maths and FC

- Syllabus is designed and approved by UGC is being implement Unified Syllabus of Barkatullah University, Bhopal.
- Time line is 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

under taken 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.

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 year's

B.Sc	2014-15	2015-16	2016-17	2017-18	2018-19
B.Sc 1 st year	89%	100%	100%	92%	98%
B.Sc 2 nd year	---	89%	98%	96%	96%
B.Sc 3 rd year	---	---	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 year	18	43	49	53	48
BSc 2 nd year	---	18	43	49	49
BSc 3 rd year	---	---	16	42	47
Total	18	61	108	144	144

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

(i) Lecture cum demonstration

(ii) Power point presentation

(iii) Group Discussion

(iv) Remedial classes

(v) 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

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. 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.

Future plans

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

1. To organize training for developing skill in students
2. To trained the student for job opportunity
3. To give various project work for the development of the department.
5. To extend the knowledge of mathematics and its application to the society.

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

Strength

- Strong focus on quality teaching
- Experience and dedicated teacher
- Modern teaching are available

Weakness

- Students are from Hindi medium background though standard academic material is available in English medium
- Inadequate space in the department

Opportunity

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

Challenges

- Lack of P.G department