

Departmental Profile

Department of Mathematics

Bajaj College of Science (Autonomous), Wardha

1. About the Department:

The Mathematics department was established in the year 1962, offering Mathematics at UG (B.Sc.) level. M. Sc. Mathematics was started from 2020-21. The department has an intake of 120 students at B.Sc. and 22 students at M.Sc.

The faculty take efforts for developing foundation, understanding, logical thinking, problem solving skills in mathematics among the students. Students are imparted Mathematical education founded on value based academic principles where in all involved contribute effectively, efficiently and responsibly. The faculties are involved for the overall development of students through academic and co-curricular activities of the college.

2. Program:

Program	Duration	Intake	Pattern
B.Sc.	3 Year (6 Semesters)	120	CBS
M.Sc.	2 Year (4 Semesters)	22	CBCS

3. Best practices / Highlights of the Department:

- Sincere efforts for mathematical and overall development of students.
- Good results in spite of High student - teacher ratio.
- Improving interest, understanding, logical thinking and skills in mathematics.
- Engagement of classes of faculty of maths and other departments who are on leave.
- Incorporation of applied topics in syllabus

4. Activities:

- Mathematics seminars for students in Scintillation 2017
- Guest Lecture by Dr. G. S. Khadekar, RTMNU, Nagpur (2017-18)
- Guest Lecture on Academic and career opportunity for Maths Students by Dr. S. D. Katore, SGBAU, Amravati (2017-18)
- Mathematics seminars for students in Scintillation 2018-19
- M.Sc. Mathematics started 2020-21
- National Mathematics day 2020 celebration.
- Online Students Seminar Presentation on zoom platform (2020-21)
- Guest lecture on by Prof. Sanjay Sarwe, S.F.S.College, Nagpur 2021
- Guest lecture by Prof. Rishi Agrawal, Hislop College, Nagpur 2022-23
- Guest lecture on by Prof. G.L.Waghmare, Institute of Science, Nagpur 2022-23
- Organisation of a Symposium on Mathematical Modelling (2022-23)

5. Teaching Staff:

(i)

- Name: Dr. SANJIV SHRIDHARRAO ZADE
- Designation: Associate Professor and Head
- Qualification: M.Sc., M.Phil. D.C.S., Ph.D.
- Experience: 30 Years
- Highlights/Credentials :
 - Ph.D. thesis “A study on Spherical Gravitational Collapse and Cosmic Censorship Hypothesis” was selected for presentation at Saha Instt. of Nuclear Physics, Kolkata, for the ‘G.N. Naralika Best Thesis Award’.
 - 18 Research Papers in journals
 - 3 books published
 - Major Research Project in Mathematics completed
 - Member RTMNU BOS in Mathematics
 - Member Governing body, CDC, Academic council, BOS (autonomy)

(ii)

- Name: Mr. RAJENDRA TOLIRAM KATRE
- Designation: Assistant Professor
- Qualification: M.Sc., B.Ed., SET(Maths)
- Experience: 19 Years
- Highlights/Credentials :
 - Third Merit in M.Sc. from Nagpur University
 - 18 books published
 - Member of Academic Council, CDC, BOS (autonomy)

(iii)

- Name: Mr. RUSHIKESH S. PRADHAN
- Designation: Assistant Professor
- Qualification: M.Sc. SET(Maths),GATE
- Experience: 3 Years

(iv)

- Name: Ms. SWETA P. DEHANKAR
- Designation: Assistant Professor
- Qualification: M.Sc.(Maths)
- Experience: 2 Year

7. Photo Gallery:



State level Seminar competition (Scintillation 2017-18)



Guest Lecture by Dr. G. S. Khadekar, RTMNU, Nagpur (2017-18)

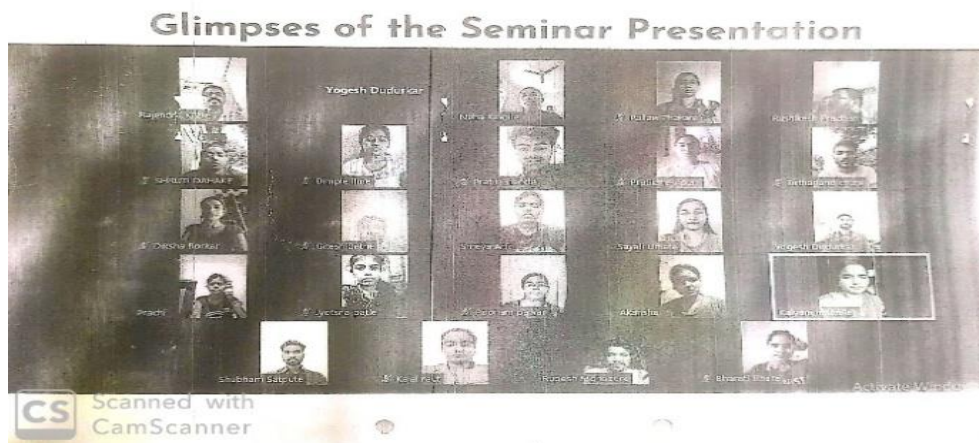


Guest Lecture on Academic and career opportunity for Maths Students by

Dr. S. D. Katore, SGBAU, Amravati (2017-18)



State level Students' seminar competition (Scintillation 2019-20)



Online Students Seminar Presentation on zoom platform (2020-21)



National Mathematics Day celebration (2021-22)



Guest Lecture by Dr. Sanjay Sarwe, SFS College, Nagpur (2021-22)




Guest lecture by Prof. Rishi Agrawal, Hislop College, Nagpur 2022-23

Shiksha Mandal's
Bajaj College of Science, Wardha
 An Autonomous College affiliated to RTM Nagpur University, Nagpur
 NAAC Reaccredited "A" (CGPA 3.21) | CPE (Phase II)

Department of Mathematics

A Symposium on
Mathematical Modelling

to commemorate
National Mathematics Day
 in the memory of



2nd January, 2023

Chief Guest Prof. G.P. Singh HOD Mathematics, Dean (Planning and Development) VNIT, Nagpur	Keynote Speaker Prof. Gaurav Varshney Sri Dev Suman Uttarakhand University, Rishikesh Dehradun	Guest of Honour Prof. K. D. Patil Visiting Associate IUCAA Pune
Chairman Shri Sanjay Bhargava	Principal Prof. P.V. Tekade	Convenor Dr. S. S. Zade
		Coordinator Shri. R. T. Katre



Organisation of a Symposium on Mathematical Modelling (2022-23)