Department of Mathematics

Department History - The Department of Mathematics was started in the year 1971 under the headship of Prof. M. C. Bhave. Initially only pre–university and B. Sc. Part I classes were conducted. In 1974, Prof. M. C. Bhave left the college and in his place Prof. S. M. Pandit was appointed. In due course of time B. Sc. Part II and Part III classes were also added. In 1979, Prof. V. K. Mohabey joined the department as Lecturer. The department ran successfully and the results were comparable to the Nagpur University results. In 2005, Prof. S. M. Pandit retired from service. Classes were then conducted by Prof. V. K. Mohabey and contributory teachers. Both Prof. S. M. Pandit and Prof. V. K. Mohabey completed their M. Phil. Courses during their service periods. From the year 2009–2010, Prof. P. R. Dhongle, M. Sc., M. Phil., joined the college as Head of the Department. In 2009 itself, Prof. P. R. Dhongle got himself registered as Ph. D. research scholar in the field of "General Relativity and Cosmology" at R. T. M. Nagpur University, Nagpur. He has been awarded a Ph. D. degree in Mathematics by R. T. M. Nagpur University, Nagpur in June 2015. Dr. P. R. Dhongle was a nominated member in the Special Task Committee (Mathematics) of R. T. M. Nagpur University, Nagpur, from October 2015 to November 2018. He is also working as the IQAC Coordinator and Nodal Officer in the College.

Courses Offered

- ❖ B. Sc. (PCM, PMCs, EMCs, PEM).
- ❖ Syllabus is as per R. T. M. Nagpur University directives.
- ❖ Total Workload of Department – 30 Lectures.

Student Strength

S. No.	Class	2016 – 17	2017 – 18	2018 – 19	2019 – 20

1	B. Sc. I	150	122	124	129
2	B. Sc. II	94	123	93	96
3	B. Sc. III	81	63	81	78

B. Sc. Mathematics   **Programme Specific Outcomes**

After the successful completion of this course, the student will:

❖ Be able to cultivate a mathematical attitude and nurture the interests.
❖ Be able to communicate to lay audiences and arouse their interest in the beauty and precision of mathematical arguments and science.
❖ Be able to explain the core ideas and techniques of mathematics at the college level.
❖ Be able to recognize the power of abstraction and generalization in mathematical work.
❖ Be able to carry out objective analysis and prediction of quantitative information with independent judgment.
❖ Be able to recognize the importance of Mathematics in the modern era.
❖ Be able to work independently and to collaborate effectively in team work.
❖ Be able to continuously enrich themselves through lifelong learning.

Department Staff

Dr. Prashant R. Dhongle   Associate Professor and Head,

Department of Mathematics.

IQAC Coordinator and Nodal Officer.

Qualification -   M. Sc., M. Phil., Ph. D. (Mathematics)

Research Area   :   General Relativity & Cosmology

- ❖ No. of Research Papers Published   : 07 (In International Journals)

- ❖ No. of Research Papers Presented   : 11 (08 in International Conferences)

- ❖ No. of Conferences/Workshops Attended :   36

- ❖ No. of Conferences/Workshops Organized :   04

One Day Excursion of the Department for B. Sc. Final Year Students

Session	Date	Place	Number of Students
2016 – 2017	6th February 2017	Fun & Food Village, Amravati Road, Nagpur	37 (2 Boys & 35 Girls)
2017 – 2018	20th February 2018	Salbuldi, Morshi, Amravati	46 (13 Boys & 33 Girls)
2018 – 2019	20th February 2019	Bordharan & Rama Dam, Wardha	25 (13 Boys & 12 Girls)
2019 – 2020	11th February 2020	Muktai Waterfall and Ramdegi, Chimur	49 (16 Boys & 33 Girls)

Guest Lectures in Department

S. No.	Name	Designation & College	Date	Class	Topic
1	Dr. Sanjay Sarwe	Associate Professor & Head, Dept. of Mathematics, SFS College, Seminary Hills, Nagpur	12th February 2019	All students of Mathematics	Gravitation & Space-Time Structure
2	Dr. Ranjit R. Dhunde	Assistant Professor & Head, Dept. of Mathematics, Datta Meghe Institute of Engineering, Technology & Research, Wardha	9th March 2020	All students of Mathematics	Some Concepts in Mathematics and Applications