

Introduction:

The Department of Mathematics began its journey in the year 1934 with a few students and only one faculty member. Being the oldest Department of the college, it has the rarest honor of shaping the future of lakhs of undergraduate and graduate students during its journey of almost eight decades. From a modest beginning to the dazzling success, today the Department offers courses leading to degrees of Bachelor of Arts, Bachelor of Science and Master of Science. At present, the Department has a galaxy of five well qualified and experienced faculty members with expertise that includes pure as well as applied mathematics. A concentration in pure mathematics, the more traditional course of study, ordinarily attracts students who expect to pursue higher degrees in mathematics, as well as those preparing for careers as mathematicians in industry and government sectors. The Department of mathematics is conferred with the status of 'Star Science Department' of the college by UGC for the year 2013-14 and DBT star department by Department of Science and Technology in the year 2019-20. Department of mathematics will not rest on its oars and will remain committed to further enhancing its strategic positioning as one of the top rated departments of the college.

Year of establishment: 1934

- MSc. Mathematics.
- B.A. with Mathematics as a subject.
- B.Sc. with Mathematics as a subject in Non-Medical and Computer Science.
- B.C.A with Mathematics as a subject.
- M.A. Economics with Mathematics as a subject.
- M.Sc Chemistry with Mathematics as a subject.
- M.Sc Zoology & Botany with Mathematics as a subject.
- B.Sc. (Agriculture) with Mathematics as a subject.

Highlights of the Department:

- Honored with the status of **DBT STAR DEPARTMENT** under DBT Star College Scheme by Department of Biotechnology Government of India in 2019.
- Conferred with the status of **Star Science Department** by UGC for the year 2013-14.
- Well-qualified and experienced faculty.
- More than 700 students getting education in the Department.
- 10 M.Sc students cleared NPTEL online exam run by IIT, Kharagpur, securing above 70% marks with distinction **Elite Topper**.

- Independent staff room, Independent IT Department and most modern Smart Class Rooms equipped with LCD projector and internet facility.
- Library equipped with more than two thousand Books, Periodicals, 12 Journals/Magazine and News Papers.
- Teaching-learning techniques by latest methodologies like power-point presentations, Seminar, Quiz, Group Discussion, LCD Projector etc.
- Mathematics lab equipped with latest softwares like MATHEMATICA, MATLAB, SPSS.
- Highest university percentage of 96% in post graduation.
- Specialized training programs for faculty improvement for optimizing technical capabilities.

Guest/special Lectures by eminent scholars that help both the students and faculties to keep pace with the advance developments in their respective subjects

Faculty profile

Name	Designation	Educational Qualification	Experience	Specialization
Dr. Nishant Juneja	HOD, Assistant professor	M.Sc., M.Phil., NET, Ph.D	19 years	Pure Mathematics
Mr.Sanjay Gupta	Assistant professor	M.Sc., M.Phil., NET	25 years	Pure Mathematics
Ms. Nisha	Assistant professor	M.Sc., NET., GATE	3 Yrs	Pure Mathematics
Ms. Gurpreet	Assistant professor	M.Sc., NET (JRF), GATE	2 Yrs	Pure Mathematics
Ms. Palvi	Assistant professor	M.Sc.	Fresher	Pure Mathematics

Publication Work

Publications:	
Research Papers (Peer Reviewed journals)	33
Papers presented in National/International Conferences	15
Books published with ISBN	25
In-House Journals	02

National or International Seminar/Conferences/ workshops organized

National : 10

International : 03

Campus Placements

- Manpreet Kaur placed in WIPRO
- Sakshi placed in INFOSYS.
- Deepika goyal placed in WIPRO.
- Manpreet Kaur placed in WIPRO.
- Smiley placed in WIPRO,CONCENTRIX and ACCENTURE.
- Nisha Garg placed in WIPRO and INFOSYS.

Placements at DSCW as the faculty of Mathematics

- Aditi Prashar
- Mandeep Kaur
- Amandeep Kaur
- Sandeep Kaur
- Poonam
- Neha
- Monika Gupta
- Anju
- Rabia
- Rajwinder
- Nisha
- Gurpreet Kaur

Placements at DSCW as the faculty of Physics

- Nadia
- Sonia
- Gurpreet
- Gagan
- Manpreet Kaur
- Dr. Tavneet Kaur

Placements at DSCW as the faculty of Chemistry

- Poonam
- Gurjeet

- Nishu
- Anku
- Ravinder

Placements at DSCW as the faculty of Economics

- Ana Goyal
- Priya

Curriculum

Course Duration: Three Years (Six semesters)

<https://puchd.ac.in/includes/syllabus/2021/20211011103132-revisedb.a.b.sc.general1and2semesterexaminations2021-22.pdf?202209142504>

<https://puchd.ac.in/includes/syllabus/2021/20211011103308-revisedb.a.b.sc.general3and4semesterexaminations2021-22.pdf?202209142504>

<https://puchd.ac.in/includes/syllabus/2019/20190729111357-b.a.b.schonoursfifthsixthsemesterexaminations2019-2020.pdf?202209142504>

Course Duration: Two Years (Four semesters)

<https://puchd.ac.in/includes/syllabus/2020/20200728151232-m.sc.twoyearcoursechemistry.pdf?202209132804>

Outstanding Alumnae of the Department of Mathematics

- Renu Bajaj (our Ex-Gold Medalist student) is working as a Professor in Panjab University Campus.
- Karpal Kaur is working as an Associate Prof. in Pbi Uni. Patiala
- Mamta Bajaj is working as an Associate Prof. in Govt. College Ludhiana.
- Sanjana Aggarwal is heading the Department of Mathematics in R.S.D College, Ferozepur City.

- Gagan is working as an Assistant Prof. in Department of Mathematics in H.M.V. College, Jalandhar.
- Pinki Jaiswal is working as Maths Tutor, Auckland (New Zealand).
- Harpreet Kamboj is working as Sales Associate at SHERWIN WILLIAMS, Canada.
- Eatika Malhotra is doing job in Cosmetology Department, Canada.
- Rohini Sachdeva is working as Programme Manager, Science Department, New Castle College, London.
- Parveen Kaur is working as Inspector, Food & Supply, Haryana Govt.
- Prabhjot Kaur is working as Statistical Assistant, Punjab Agriculture Department, Ferozepur.
- Ramandeep Kaur is working as an Assistant Professor at Islamic University of Science and Technology, J&K, TEQIP.
- Sheetal Joshi is working in ICICI Prudential, LDH.
- Riya Behl is working as Branch Head in Gradico Career Consultancy, Ferozepur.
- Payal Bajaj is working as Software Engg. At Ignival Solutions, Mohali Chd.
- Mehak Mehta is working as Solution Engg. At Quattro Global Services, Gurgaon.
- Shaina Gupta is working as Associate Consultancy at Capgemini (MNC), Noida.

Future Prospects/Job Opportunites

- Teaching (School, College, University)
- Academic Researcher
- Data Analyst
- Chartered Accountant
- Data Scientist
- Research Scientist (maths)
- Statistician
- CAD Technician
- Financial manager/Trader
- Game designer
- Machine learning engineer
- Meteorologist
- Quantity Surveyor
- Software tester