

# Report of PG Department of Mathematics (2022-23)



**Mehr Chand Mahajan  
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Sector-36/A, Chandigarh**

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## 1. Names of Programmes / Courses/ offered:

Name of the Programme/ Course	Class	Subject
<b>UG</b>	BSc (Non-medical), BSc ( Computer applications), BA, BCA III	Mathematics
<b>PG</b>	MSc	Mathematics
<b>P.hD</b>	_____	_____
<b>Any Other (Certificate/Diploma)</b>		

## 2. Faculty Profile with Name, Qualification, Designation, Specialization

Name	Designation	Qualificati on	Specialization	Experien ce	PhD students
Neela Pawar	Assistant Professor	PhD	Fluid Mechanics	32	NIL
Swati Sidana	Assistant Professor	PhD	Algebra	08	NIL
Leetika	Assistant Professor	PhD	Number Theory	09	NIL
Sonica	Assistant Professor	PhD	Algebraic Geometry	07	NIL
Nisha Sharma	Assistant Professor	PhD	Numerical Analysis	10	NIL
Navjot Kaur	Assistant Professor	Post Doctoral	Mathematical Modelling	3	NIL
Chitra	Assistant Professor	MSc Net Jrf	-----	11	NIL
Manisha	Assistant Professor	MSc Net	-----	1	NIL
Promila	Assistant Professor	MSc Net	-----	2	NIL

### 3. Faculty Publications /Awards/Achievements/Activities:

#### 1. Details of Presentations by the Faculty in the session:

Name	Title of Paper	Title of the Conference/ Seminar	Month/ Year	Sponsoring Agency	National/ International	Award, if any
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#### 2. Details of Orientation Programmes/ Refresher Courses/ FDPs (Not less than 7 days at a stretch) etc. attended by the Faculty.

Name	Orientation/ Refresher/ FDP	Title of the Programme	Organizing Agency	Duration	From-To
Dr Swati Sidana	FDP	National Education Policy-2020	Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching	One week	29 May 2023 to 4 June 2023
Dr Leetika	Short term course	MOOCs Online Courses and Open Educational Resources	UGC, HRDC, Punjabi University, Patiala	One Week	13 December 2022 to 20 December 2022
Dr Sonica	Short term course	MOOCs Online Courses and Open Educational Resources	UGC, HRDC, Punjabi University, Patiala	One Week	13 December 2022 to 20 December 2022

### 3. Departmental Activity

Seminars/Conferences organized by the department in the session: Kindly include the sponsoring/funding agency:

Activity/ Seminar/ Conference	Date	Title of the Event	Name of the Funding Agency	Amount Received	No. of Students benefitted
Inter College Competitions	28 February, 2023	Math Sight	PSCST	1,5000	200

### 6. the Title Page of the Journal/Contents and First page of the Paper to be collected by the HODs):

Name	Title of Paper	Title of the Journal	Month/ Year	PEER Reviewed/ Refereed	UGC Approved Yes/No	ISSN	Name of Database Enlisted
Dr Swati Sidana	On the finite loop algebra $F[M(C_p^m \times C_2,$ 2)]	Quasigroups and related systems	2022	Yes	Yes		Scopus
Dr Leetika	On conjectures of Minkowski and Woos for $n=10$	Proc. Indian. Acad. Sci	2022	Yes	Yes		Scopus
Dr Manisha	On the stability of a heated inclined fluid layer with gravity modulation	Frontiers in Industrial and Applied Mathematics	3 Febru ary 2023	Yes	Yes		Scopus

### 7. Names of students who have cleared National / State competitive examinations such as NET, SLET, GATE, UPSC, CDS, etc