



DEPARTMENT OF MATHEMATICS
ABV GOVT DEGREE COLLEGE SUNNI
DISTT SHIMLA
(AFFILIATED TO HP UNIVERSITY)

Name: Manish Pal

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1. PROFESSIONAL EXPERIENCE

Department: Department of Mathematics

Designation: Assistant Professor

Teaching Experience: Joined since July 2023

Accounts and Audit Experience:

2. EDUCATION CREDENTIALS

Sr. No.	Examination	Year	University	Specialization
1	B.Sc. Honors	2016	H.P. University, Shimla	Mathematics
2	M.Sc.	2018	H.P. University, Shimla	Mathematics
3	Ph.D.	Pursuing	H.P. University, Shimla	Mathematics (Matrix Analysis)

3. IT SKILL & DATA ANALYSIS SOFTWARE EXPERTISE

Sr. No.	Software	Expertise in
1	Scientific Software	Mathematical Calculations
2	Latex	Mathematical coding

4. PERSONAL INFORMATION

Name	<i>Manish Pal</i>
Father Name	Hari Nand
Mother Name	Seeta Devi
Date Of Birth	<u>09/10/1996</u>
Language Known	English, Hindi
Marital Status	Unmarried
Nationality	Indian
Gender	Male
Address	<u>Village Jhollo, P.O. Poabo, Tehsil and District, Shimla.</u>

5. Paper Published

Sr. No.	Paper Published in Peer Reviewed and Refereed Journal and UGC Care Listed Journal
1	R. Sharma and M. Pal , <i>Positive linear maps and spreads of normal matrices</i> , Electronic Journal of Linear Algebra, 38, 347-356, (2022).
2	R. Sharma and M. Pal , <i>Note on bounds for eigenvalues using traces</i> , Operator and Matrices, 16, 3, 759-773, (2022).
3	R. Sharma and M. Pal , <i>Regular polygons and central moments</i> , American Mathematical Monthly, 129(10), p.951, (2022).
4	R. Sharma, M. Pal and A. Sharma, <i>Determinant and eigenvalue inequalities involving nonnegative matrices</i> , Advances in operator theory, (2023).

6. Paper Presented in Seminar and Conference

Sr. No.	Paper Presented in international and National seminars
1	Presented a paper entitled " <i>Bounds for the spectral radius of nonnegative matrices</i> " in the International Conference on Recent Advances in Mathematical Sciences (ICRAMS-2023) organized by Himachal Mathematical Society (HIMS), 29th-30th March, 2023.
2	Presented a paper entitled " <i>Positive linear functionals and eigenvalues of Hermitian matrices</i> " in the 2nd International Conference on Recent Trends in Mathematical Sciences (ICRTMS-2022) organized by Himachal Ganita Parishad, 27th-28th Dec, 2022.
3	Presented a paper entitled " <i>Positive linear maps and spreads of normal matrices</i> " in the 1st International Conference on Recent Trends in Mathematical Sciences (ICRTMS-2021) organized by Himachal Ganita Parishad, 11th-12th Dec, 2021.

7. Books Published

Sr. No.	Books Published: UG Level (As per the Syllabus of HP University)
1	NA
2	NA

8. Training Programs, Orientations & Refresher course Attended

Sr. No.	Workshop; FDP; Induction; Refresher Courses etc.
1	Participated in the NCM workshop (virtually) on “ <i>Advanced Linear Algebra</i> ” held at Indian Statistical Institute, Bangalore during May 9-22, 2022.
2	Attended TEQIP-III sponsored one week online short-term course entitled “ <i>Matrix Analysis and its applications</i> ” organized by Department of Mathematics, NIT Jalandhar, held at Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, from September 23-27, 2020.

9. Any Other Achievements/Awards

Sr. No.	Any other Academic Awards, Cultural and Sports Achievements
1	CSIR-NET (Dec 2017), CSIR-JRF, 2 times, (Dec 2018, June 2019).
2	GATE (2018).
3	SET 3 times.
4	Junior Research fellow, Department of Mathematics and Statistics, H.P. University, (July 2019 to March 2021).
5	Senior Research fellow, Department of Mathematics and Statistics, H.P. University, (April 2021 to June 2023).
6	Published a paper in <i>American Mathematical Monthly</i> entitled “ <i>Regular Polygons and Central moments</i> ”. In addition, 3 research papers published in peer-reviewed journals indexed in Scopus.