

Km Shelly Chaudhary- CV

1. Name and full correspondence address:

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3. Institution: Meerut College Meerut, Uttar Pradesh, India.

4. Date of Birth: 11/11/1996

5. Gender (M/F/T): Female

6. Academic Qualification

	Degree	Year	Subject	University/Institution	% of marks
1.	10 th	2012	Science, Maths, Hindi, English, SST, Drawing	U.P. Board, Uttar Pradesh	83.33%
2.	12 th	2014	Maths, Physics, Chemistry, English, Hindi	U.P. Board, Uttar Pradesh	88.80%
3.	B. Sc.	2014-17	Maths, Physics, Chemistry	CCS University, Meerut, Uttar Pradesh	82.80%
4.	M. A.	2017-19	Mathematics	CCS University, Meerut, Uttar Pradesh	79.60%
5.	M.Phil.	2019-2020	Mathematics	CCS University, Meerut, Uttar Pradesh	77.75%
6.	Ph. D.	2021-Present	Mathematics	National Institute of Technology, Kurukshetra	Pursuing (Part-time mode)

7. Qualified Exams

	Exam	Year	Subject	Institution/Agency
1.	JRF	2020	Mathematics	CSIR
2.	GATE	2019, 2021	Mathematics	IIT

8. Awards: Gold Medal in post-graduation from CCS University, Meerut

9. Work experience (in chronological order):

S. No.	Positions held	Name of the Institute	From	To	Pay Scale
1.	Assistant Professor	Department of Mathematics, Meerut College, Meerut, Uttar Pradesh-250001	06/01/2023	Present	Academic level-10, Grade Pay- 6000 (Basic Pay-57700/-)

10. Publications (List of papers published in SCI /SCIE/SCOPUS/UGC journals, in year wise descending order):

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	Km Shelly Chaudhary, Naveen Kumar	Fractional order fast terminal sliding mode control scheme for tracking control of robot manipulators	ISA Transactions (Elsevier) (SCIE, SCOPUS) (IF:7.3)	142	57-69	(2023)

11. Accepted articles for publication in the International conferences

S. No.	Author(s)	Title	Name of Conference	International/ National	Year
1.	Naveen Kumar, Km Shelly Chaudhary	Trajectory tracking control of Robot Manipulators using Fractional-order sliding manifold	International Conference on Systems, Control and Automation (Springer) (SCOPUS)	International	(2023)
2.	Naveen Kumar, Km Shelly Chaudhary	Motion control of underactuated cart-double-pendulum system via fractional order sliding mode controller	8th International Conference on Soft Computing: Theories and Applications (Springer) (SCOPUS)	International	(2023)

12. List of Journal for which Article Reviewed

S. No.	Name of Journal	Indexing	Publisher	Impact Factor	Year
1.	Ocean Engineering	SCI, SCIE, SCOPUS	ELSEVIER	5.1	(2023)

13. Papers presented in International/National Conference:

S. No.	Author(s)	Title	Name of Conference	International/ National	Year
1.	Naveen Kumar, Km Shelly Chaudhary	Trajectory tracking control of Robot Manipulators using Fractional-order sliding manifold	International Conference on Systems, Control and Automation (Springer) (SCOPUS)	International	(2023)
2.	Km Shelly Chaudhary, Naveen Kumar,	Fractional order sliding mode tracking control of nonholonomic constrained mobile robots using neural networks	6th International Conference on Mathematical Modelling, Applied Analysis and Computation (Springer) (SCOPUS)	International	(2023)
3.	Km Shelly Chaudhary, Naveen Kumar,	Adaptive fractional order sliding mode tracking control of nonholonomic mobile robots	3 rd International Conference on Nonlinear Applied Analysis & Optimization ICNAAO-2023 (Springer)	International	(2023)