

BRIEF PROFILE

	Name	DR. NAROTTAM SINGH CHAUHAN
	Designation	ASSISTANT PROFESSOR
	Area	MATHEMATICS
	Email	narottamsingh@uttaranchaluniversity.ac.in , nscgkv@gmail.com
	Contact No.	7505557655
Professional Experience	<ul style="list-style-type: none"> • Assistant Professor, Department of Mathematics, School of Applied and Life Sciences, Uttarakhand University Dehradun , Uttarakhand, India Since 22-07-2019 to Till date. • Assistant Professor, Department of Applied Sciences, Tula's Institutes Dehradun , Uttarakhand, India Since 1-08-2017 to 20-07-19 . • Guest Faculty, Department of Mathematics and Statistics, Gurukula Kangri Vishwavidyalaya, Haridwar, from 12-08-2013 to 30-04-2017. 	
Education Qualification	<ul style="list-style-type: none"> • Ph.D. from Gurukula Kangri Vishwavidyalaya, Haridwar, Uttarakhand, India in 2018 • M.Sc (Mathematics) from Gurukula Kangri Vishwavidyalaya, Haridwar, Uttarakhand, India in 2011 • B.Sc (Mathematics) from Gurukula Kangri Vishwavidyalaya, Haridwar, Uttarakhand, India in 2009. 	
Area of Research	Wavelet Theory , Wavelets numerical methods and its Applications	
Current Research, If any	Wavelet Theory , Wavelets numerical methods and its Applications	
Publications: <ul style="list-style-type: none"> • Articles in Journals (only Scopus/SCI) • Books edited/Chapter contributed/ Books authored 	<ul style="list-style-type: none"> • Ritu Arora and N. S. Chauhan “An efficient decomposition method for telegraph through quadratic Legendre Multiwavelets, <i>International Journal of Applied and Computational Mathematics</i> [Emerging Sources Citation Index (SCI)] [Scopus Indexed] doi: 10.1007/s40819-016-0178-3 • Ritu Arora and N.S. Chauhan “An Application of Legendre Wavelet in Fractional Electrical Circuits” <i>Global Journal of Pure & Applied Mathematics</i>, 13(2), 	

	<p>2017, pp- 183-202 ([Scopus Indexed]</p> <ul style="list-style-type: none"> • Ritu Arora and N.S. Chauhan “Bernulli Wavelet operational matrix of integration and its Application in Solving Differential equations”, <i>Journal of Emerging Technologies and Innovative Research</i>, 5(7), 2018, pp. 414-424. • N.S. Chauhan “A new approach for solving fractional RL circuit model through quadratic Legendre multi-wavelets”, <i>International Journal of Mathematical Physics</i>, 1(1), 2018, pp 1-9.
<p>Conferences/Seminars/Workshops/ FDP/MDP attended</p>	<p><u>CONFERENCES/SEMINARS:</u></p> <ul style="list-style-type: none"> • Presented the paper in National Conference on “Recent Advances in Sciences & Technologies” Uttranchal University, Dehradun (UK), India, from February 27-28, 2017. • Presented the paper in National Conference on “Sciences and Technologies for National Development” Gurukula Kangri University, Haridwar, India, from November 20-22, 2016. • Presented the paper in International Conference on “Natural/Applied Sciences, Environmental Engineering and Clean Energy Technologies for Sustainable Development (SYNERGY-2016)” Jawaharlal Nehru University, New Delhi, India from June 4, 2016. • Presented the paper in National Conference on “31th Annual Conference of the Mathematical Society Banaras Hindu University” Dept. of Mathematics, DIT University, Dehradun (UK), India, from November 20-21, 2015. <p><u>Workshop/FDP/School (offline)</u></p> <ul style="list-style-type: none"> • Participated in the three days Faculty Development Programme on “Role of Mobile and Computer in Technical Education & Teaching Learning Process” under the aegis of TEQIP-III, Uttarakhand Technical University, Dehradun (UK) from April 5th to 7th, 2019. • Contribution in organizing one day Conference on “Imagineering” held at Tula’s Institute, Dehradun, India on 25th October 2018. • Participated in the ATM “Instructional School for Lecturers in Linear Algebra” during 17-29 March 2014 conducted in

CEMS, Dept. of Mathematics, Kumaun University, SSJ Campus, Almora (UK), India.

Workshop/FDP/School (online)

- Participated in the Five-Day Online Faculty Development Programme on “ Mathematical Concepts by Using Free Open Source Software (FOSS)” from 21-25 July 2020 conducted by Department of Mathematics, BMSIT&M, Bengaluru, India.
- Participated in the Five-Day Online Faculty Development Programme on “ Applications of Mathematics” from 20-24 July 2020 conducted by Department of Mathematics, Karunya Institute of Technology and Science, Coimbatore, India.
- Participated in the Online E-Quiz on “Fundamentals of Computer” on 24--26 July 2020 conducted by Department of Computer Science, Mandsaur University, India.
- Participated in the “Online FDP on Holistic Teaching Techniques for University Teachers” from 20--25 July 2020 conducted by Law College Dehradun, Uttaranchal University Dehradun India.
- Participated in the Two-Day Online National Webinar on “Practical Aspects of Mathematics in Data Transmission and Personal Authentication System” from 24-25 July 2020 conducted by School of Advanced Sciences, VIT University, Vellore, India.
- Participated in the One-Day Online Webinar on “Fractional Calculus and Applications” on 21 July 2020 conducted by Department of Applied Science, Chitkara University, Punjab, India.
- Participated in the Three-Day Online Faculty Development Programme on “Fuzzy Mathematics and its Applications”

from 11--13 July 2020 conducted by Department of Mathematics, Government College Daman, Nani Daman (UT), India.

- Participated in the “Three-Days Online International FDP on Computational Mathematics for Engineers and Researchers” from 10-12 July 2020 conducted by Department of Mathematics, Poornima Institute of Engineering & Technology, Jaipur, India.
- Participated in the Online E-Quiz on “Pure Mathematics” on 9 July 2020 conducted by PG & Research Department of Mathematics, AVVM Sri Pushpam College (Autonomous), Poondi, Thanjavur, Tamil Nadu, India.
- Participated in the “Six-Day Online National Webinar Series on Applications of Mathematics from 6--11 July 2020 conducted by Department of Mathematics, KPR Institute of Engineering & Technology, Coimbatore, India.
- Participated in the Five-Day Online Faculty Development Programme on “ICT Based Teaching and Learning Process” from 1-5 July 2020 conducted by Roorkee College of Polytechnic, Roorkee, India.
- Participated in the One Week Online International Faculty Development Programme on “Importance of Mathematics in Science and Technology” from 25-29 June 2020 conducted by Mathematics Division of Department of Basic Sciences and Humanities, GMR Institute of Technology, Rajam, AP, India.
- Participated in the “One-Day Online International Webinar on Mathematical Approach of Solute Transport Modelling” on 27 June 2020 conducted by Department of Applied Sciences, KIET Group of Institutions Ghaziabad, India.
- Participated in the “Online National Quiz on Vedic Mathematics” from 20-21 June 2020 conducted by

Department of Mathematics, School of Applied and Life Sciences, Uttaranchal University Dehradun, India.

- Participated in the One-Day Online National Webinar on “Mathematical Analysis of Air-Flow in Modern Data Centers” on 29 June 2020 conducted by Department of Applied Sciences & Humanities, SRGI, Jhansi, India.
- Participated in the Online Webinar cum Awareness Programme on “Role of Youth Against Drug Abuse” on 26 June 2020 conducted by Department of Biotechnology, School of Applied and Life Sciences, Uttaranchal University Dehradun, India.
- Participated in the Online National Webinar on “Mathematical Models on Transmitting Behaviour of COVID-19” on 25 June 2020 conducted by Department of Mathematics and Statistics, School of Basic Sciences, Manipal University, Jaipur, India.
- Participated in the Online National Webinar on “Fluid Dynamics” on 23 June 2020 conducted by Department of Mathematics and Statistics, School of Basic Sciences, Manipal University, Jaipur, India.
- Participated in the “Three-Day Online International Webinar on General Mathematical Tools in Research: Theory and Applications” from 15-17 June 2020 conducted by Department of Mathematics (FOECS), TMU, India.
- Participated in the One-Day Online International Webinar on “Planning & Implementation of Natural Resources Conservation” on 30 May 2020 conducted by Faculty of Education, TMU, Moradabad, India.
- Participated in the “One-Day Online International Webinar on MATLAB Applications in Sciences and Engineering” on 29 May 2020 conducted by Baba Farid College Patiala, India.

<p>Award/Certificate/Prize received</p>	<ul style="list-style-type: none"> • First position in M. Sc. Mathematics 2011, Gurukula Kangri Vishwavidyalaya, Haridwar.
<p>Any extra-curricular activities</p>	<p><u>ADDITIONAL ACHIEVEMENT</u></p> <ul style="list-style-type: none"> • Life Member of International Association of Engineering (IAENG), whose membership No. is 179363. • Life Member of The Indian Science Congress Association, Haridwar Chapter, whose membership No. is 0433. <p><u>MEMBER OF EDITORIAL BOARD / REVIEWER</u></p> <ul style="list-style-type: none"> • Member of Editorial Board of “International Journal of Creative Research Thoughts”. • Board Member of “International Journal of Research and Analytical Reviews”.