PERSONAL DETERMINALS

Name:	Dr. Stuti Tamta
Designation:	Assistant Professor
Department:	Department of Mathematics
Mobile No.:	8920096898
Email address:	stutitams@gmail.com

ACADEMIC EXPERIENCE

1. **Assistant Professor in Department of Mathematics**   August 2024-Present
   Government Post Graduate College Gairsain,
   Chamoli, Uttarakhand.
   - Teaching undergraduate courses in BSc.
   - Provided academic and professional advice to students.
   - Made contributions to departmental initiatives and curriculum development.

2. **Guest Faculty in Department of Mathematics**   July 2024-August 2024
   Soban Singh Jeena University, Almora, Uttarakhand.
   - Taught mathematics to students at the undergraduate level.
   - Mentored students and provided individualized academic assistance.

3. **Subject Matter Expert**   May 2024-June 2024
   Uber India pvt Ltd.
   - Served as an LLM Specialist at Uber India.
   - Trained LLMs to tackle complex mathematical problems with precision.
   - I worked to enhance large language models mathematical problem-solving capabilities.

4. **Research Scholar**   August 2018-February 2024
   Guru Gobind Singh Indraprastha University, New Delhi.
   - Taught Engineering Mathematics to B.Tech. IT students at Guru Gobind Singh Indraprastha University, New Delhi in 2019.
   - While pursuing my PhD, I lectured a wide range of Engineering Mathematics topics, including analysis, calculus, numerical techniques, probability, statistics, and ordinary and partial differential equations.

RESEARCH PAPERS

1. **Stuti Tamta** and Ram Shankar Gupta, Spherical Indicatrix of a new approach to a Bertrand curve in Euclidean 3-space, *Kyungpook Mathematical Journal*, 63(2), 263-285 (2023).
   (Scopus, ESCI -Web of Science, UGC listed)

2. **Stuti Tamta** and Ram Shankar Gupta, New parametrization of Bertrand partner D-curves in E^3, *Bol. Soc. Paran. Mat.,* 42, 1-11 (2024).
   (Scopus, ESCI -Web of Science, UGC listed)

3. **Stuti Tamta** and Ram Shankar Gupta, WC* partner curves in $E1^3$, *Journal of International Academy of Physical Sciences*, 25(4), 495-508 (2021).
   (Peer Reviewed)

4. **Stuti Tamta** and Ram Shankar Gupta, Pointwise 1-type Gauss map of developable Smarandache ruled surfaces in E^3, *Facta Univ., Math. Inform.,* 38(4), 741-759 (2023).
   (ESCI-Web of Science, UGC listed)

5. **Stuti Tamta** and Ram Shankar Gupta, A new parametrization of Cartan null Bertrand curve in Minkowski 3-space, *Int. J. Maps Math.,* 7(1), 2-19 (2024).
(Scopus, UGC listed)

CONFERENCES AND WORKSHOPS

- Attended International Conference on "**Evolution in Pure & Applied Mathematics-ICEPAM 2024**'' organized Department of Mathematics, Akal University, Talwandi Sabo, Bathinda, Punjab (India) during 20-22 November 2024.
- Attended International Conference on "**Riemannian Geometry and Applications-RIGA 2023**'' organized by the Faculty of Railways, Roads and Bridges, Technical University of Civil Engineering Bucharest, Romania and the Faculty of Mathematics and Computer Science, University of Bucharest, Romania on 22-24 September 2023.
- Attended the one-day workshop on "**MATLAB**'' conducted by the University School of Information, Communication & Technology and IPU Innovation & Incubation Foundation in collaboration with Mathworks on 21 April 2023.
- Attended National Webinar on "**Ramanujan: A Great Mathematician**'' organized by the Department of Mathematics & IQAC, Atma Ram Sanatan Dharma College, University of Delhi on 22 December 2022.
- Presented a talk on **Pointwise 1-type Gauss map of Developable Smarandache Ruled Surfaces in E^3** in the "XVIth International Conference of Differential Geometry and Dynamical Systems (DGDS-2022)'', Bucharest, Romania during 01-04 September 2022.
- Attended International Symposium on "**Differential Geometry and its Applications**'' organized by the Department of Mathematics, School of Sciences, Maulana Azas National Urdu University, Hyderabad, India from 30-31 March 2022.
- Attended workshop on "**National Workshop on Ancient Indian Mathematics**'' organized by the Department of Mathematics and Statistics, Central University of Punjab, Bathinda from 14-16 March 2022.
- Attended "**Indian Women and Mathematics (IWM) Annual Conference 2021-2022**'' organized by the Department of Mathematics & Statistics, Banasthali Vidyapith, Rajasthan, India from 28-30 January 2022.
- Presented a talk on **WC* partner curves in $E1^3$** in the "27th International Conference of International Academy of Physical Sciences (CONIAPS XVIII)'' on Recent Advances in Differential Geometry and Topology (RADGT-2021) during 26-28 October 2021.
- Attended the Indraprastha Webinar Series on "**Role of Science, Technology and Innovation in the Current Scenario**'' using the CISCO-Webex platform organized by USBAS, GGSIPU, New Delhi from May 26-29, 2020.
- Attended the International Conference on "**Special Functions and their Applications ICSFA**'' held at Amity University, Noida from September 10-12, 2015.

TECHNICAL SKILLS

Proficiency in Latex, MATLAB, Mathematica, and MS Office.

EDUCATION

Examination/Degree	Board/University	Year	% of Marks	Division	Subjects
Ph.D. (Mathematics)	Guru Gobind Singh Indraprastha University, New Delhi	2024			**Thesis Title-** Geometry of constant slope curves and submanifolds
M.Sc. Applied Mathematics	Amity University Noida	2016	72.30	Ist	Applied Mathematics
B.Sc.	Kumaun University Nainital	2014	63.04	Ist	Mathematics, Physics, Statistics
Intermediate	CBSE	2011	71.80	Ist	Hindi, English, Mathematics, Physics, Chemistry

High School	CBSE	2009	74.80	Ist	Hindi, English, Mathematics, Science, Social Science
Others: • **UGC NET-JRF** (Mathematical Sciences) qualified in 2018. • **UGC-NET** (Mathematical Sciences) qualified in 2017. • **GATE** Mathematics (MA) qualified in 2018. • Uttarakhand State Eligibility Test-**USET** (Mathematical Science) qualified in 2018.					

DECLARATION

I hereby declare that the above information is correct and true to the best of my knowledge and belief.

(Dr. Stuti Tamta)