

**Kumaun University, Nainital**  
**Curriculum Vitae**

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Name : Dr. Tanuja Deopa  
Designation : Assistant Professor (contract)  
Department : Geology Department  
Contact Information  
• Email Address : deopa.tanu@gmail.com  
• Mobile No : 8979314014  
LinkedIn Profile (Optional) :  
ORCIDID : deopa.tanu@gmail.com  
Scopus ID :  
Vidwan ID :

**Educational Qualification**

Degree	University	Subjects	Year
Ph.D	Kumaun University Nainital	Sedimentological investigations of the Siwalik Group of the Eastern Uttarakhand, India.	2017
M.SC	Kumaun University Nainital	Geology	2010
B.SC	Kumaun University Nainital	Botany, Zoology, Geology	2008
Intermediate	Kendriya Vidyalaya CBSE Board	Physics, Chemistry, Biology, Hindi, English	2005
High School	Kendriya Vidyalaya CBSE Board	Science, Social Science, English, Hindi, Maths	2003

**Work Experience**

Position	Department	University/Organization	Year
Assistant Professor (contract)	Geology Department	Kumaun University, Nainital	2023-present
Dr. DS Kothari Post-Doctoral fellow	Geology Department,	Banaras Hindu University, Varanasi	2020-2023
Assistant Professor (contract)	Geology Department	Kumaun University, Nainital	2019-2020
Junior/senior Research Fellow (UGC-BSR-RFMS)	(BSR-RFMS)	Kumaun University, Nainital	2011-2016

**Administrative Responsibilities**

Position	Nature of responsibility	University/Organization	Year

### Research Interests

(List your research interests and areas of expertise in 1-3 lines)

Sedimentology, Tectonic-Geomorphology  
Remote Sensing and GIS

### Publications

#### a) Research Papers

Authors name	Title of the paper	Vol, page no	Year
<b>Deopa, T.,</b> Shukla, U.K., and Pathak, B.	Facies and genetic elements within the Late Miocene Middle Siwalik of the Himalayan foreland basin, India: A response of fan-building processes.	Sedimentary Geology. 453 (2023) 106424	2023
Goswami, P.K. and <b>Deopa, T.,</b>	Petrotectonic setting of the provenance of Lower Siwalik sandstones of the Himalayan foreland basin, southeastern Kumaun Himalaya, India.	. Island Arc. DOI: 10.1111/iar.12242	2018
Goswami, P.K. and <b>Deopa, T.,</b>	Lithofacies characters and depositional processes of a Middle Miocene Lower Siwalik fluvial system of the Himalayan foreland basin, India.	Journal of Asian Earth Sciences 24 (2005) 433–444. <a href="http://dx.doi.org/10.1016/j.jseaes.2017.04.004">http://dx.doi.org/10.1016/j.jseaes.2017.04.004</a>	2017
Goswami, P.K. and <b>Deopa, T.,</b>	Channel morphology, hydrology and geomorphic positioning of a	Geological Magazine <b>152</b> (1), 2015, 12–27. doi:10.1017/S0016756814000090	2015

	Middle Miocene river system of the Siwalik foreland basin, India.		
Goswami, P.K. and <b>Deopa, T.,</b>	Quaternary block-tilting in southern Himalayan ranges of eastern Uttarakhand, India.	Zeitschrift für Geomorphologie 57,1, 45-60	2012

b) Patents (start from recent publications)

Authors name	Title of the patent	Patent no (Granted or filed)	Year

c) Books (start from recent publications)

Authors name	Title of the book	Publisher	ISBN	Year

d) Book chapters (start from recent publications)

Authors name	Title of the book	Publisher	ISBN	Year

e) Conference Publications/Proceedings (start from recent publications)

Authors name	Title of the paper	Conference name	Year

**Projects**

Title of the project	Funding agency	Amount (Rs)	Year
Sedimentary architecture and Geochemical behaviour of the Middle Siwalik Group of the south-central Himachal	UGCDr. D. S. Kothari Post Doctoral Fellow (DSKPDF)	24 Lakh	2020

Pradesh, India.			

### Teaching details

Name of the course/paper	Department	University	Year
Geology Master's (M.Sc) course, Subjects: 1.Sequence Stratigraphy and Basin analysis, 2.Palaeontology.	Department of Geology	Kumaun University, Nainital	2024
Geology Master's (M.Sc) course, Subjects: 1.Micropalaeontology and Oceanography 2.Sediementology B.Sc course, Subject: 1.Geological Processes	Department of Geology	Kumaun University, Nainital	2023
Geology Master's (M.Sc) course, Subjects: 1.Structural Geology 2.Hydrology	Department of Geology	Kumaun University, Nainital	2019

### Professional Memberships

Organization	Position	Year

### Honours and Awards

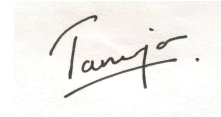
Award	Awarding Organization	Year

### Conference Presentations

Title of presentation	Conference name	Name of the institution	Year

Architectural analysis of Late Miocene Middle Siwalik fluvial sequences of the Himalayan foreland basin, India.	39 <sup>th</sup> Convention of the Indian Association of Sedimentologists (IAS-2023) and the International Conference on "Voyage of Sedimentology from the Mountains to the Oceans: An Innovative Trajectory".	Annamalai University, Chidambaram, India	2023
Facies and architectural analysis of the Late Miocene Middle Siwalik fluvial deposits of the Himalayan foreland basin, Himachal Pradesh, India.	National conference on 'Current understanding from Indian sedimentary basins and road ahead'. 38 <sup>th</sup> Convention of Indian Association of Sedimentologists (IAS).	Department of Geology, University of Delhi, India.	2022
"Lithofacies Analysis and Fluvial Architecture of a Middle Siwalik Fluvial System of the Himalayan Foreland Basin, India"	27th International Conference of International academy of Physical Sciences (CONIAPS XXVII) on "Recent advances in Earth Sciences"	Institute Of Earthand Environmental Sciences DR. Rammanohar Lohia Avadh University, Ayodhya	2021
Channel characters and geomorphic positioning of a Lower Siwalik River system, Kumaun Himalaya, India.	National workshop on Indian Siwalik (Recent advances and future research)	Geological Survey of India, Northern region, Lucknow, India.	2017
Facies characteristics and sedimentation model of the Lower Siwalik Group of southeastern Uttarakhand, India.	National Geo-Research Scholars Meet-2016 (NGEOSM-2016)	Wadia Institute of Himalayan Geology, Dehradun, India.	2016
Detrital modes and provenance of the Middle Miocene Siwalik foreland basin (Eastern Uttarakhand region).	30 <sup>th</sup> Himalaya-Karakoram-Tibet workshop (HKT-2015)	Wadia Institute of Himalayan Geology, Dehradun, India.	2015
Hydrology and channel morphology of Middle Miocene River systems of the Siwalik foreland basin, India.	International Seminar on "Magmatism, Tectonism and Mineralization (MTM-2014)"	Centre of Advanced Study in Geology, Kumaun University, Nainital, India.	2014
Remote sensing and digital terrain model (DTM) based investigations reveal recent crustal adjustments in southern Kumaun Himalaya, India.	34 <sup>th</sup> Asian conference on Remote Sensing (ACRS 2013)	Bali, Indonesia.	2013
Channel patterns of the Lower Siwalik fluvial system in the	National Seminar on Geology, Biodiversity and Natural Resources of	Department of Geology, L.S.M.P.G. College,	2012

southeastern Kumaun Himalaya.	Himalaya and their Intellectual Property law.	Pithoragarh, India.	
Lithotectonic controls on landslide proneness of the Siwalik Hills of Uttarakhand.	National Conference and Field study on Landslide Management.	Uttarakhand Academy of Administration, Nainital, India	2012
Preliminary results of the lithofacies analysis of the Lower Siwalik subgroup of eastern Uttarakhand.	National Seminar on Geology and Georesources of Himalaya and Cratonic regions of India.	Department of Geology, Kumaun University, Nainital, India.	2012



**Signature of the faculty member**

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