

Curriculum vitae



Name : **Dr. Suresh Chandra Bhatt**
Date of birth : 20-11-1960
Fathers name : Late Shri Ghananand Bhatt
Postal address : **Institute of Earth Sciences
Department of Geology,
Bundelkhand University, Jhansi
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Academic qualifications:

Degree/course passed	Year	Subjects	University/institution	Percent age/grade
M.Sc.	1982	Geology	Garhwal University Srinagar, Uttarakhand	65%, I Div.
M. Phil.	1984	Applied Geology	University of Delhi	63%, I Div.
Ph.D.	1990	Geology	University of Delhi	

Title of M. Phil. Thesis: Geology of Jajal area, District Tehri, Garhwal
Himalaya, Uttar Pradesh

Title of Ph.D. Thesis: Geology and Structure of Western Uttarkashi area,
Bhagirathi Valley, Garhwal Himalaya (U.P.),

Career Profile

Research and Postdoctoral Experience: 30 Years

Teaching experience : 28 years

Present and past positions

Name of university/institution	Position held	From	To	Nature of Duties Total period
Department of Geology, B.U. Jhansi	Professor Associate Professor	01-11-2014 01-11-2011	Continue. 01-11-2014	Teaching & research

(U.P.) Department of Environmental Sciences, B.U. Jhansi (U.P) Bundelkhand Institute of Engineering and Technology (BIET) Jhansi	Lecturer/ Reader	01-11-1999	April 2010	Teaching & research
	Coordinator (Additional Charge)	July 2001	April 2009	Teaching & research
	Part Time Lecturer	July 2008	September 2009	Teaching
Delhi College of Engineering (DCE) Delhi-110007	Part Time Lecturer (Deputed by Delhi University)	July 1994	20.08.99	Teaching
Department of Geology, University of Delhi	Research Associate/Scientist	20.02.96	30.09.99	Research on DST sponsored project (<i>Alluvial Sequences -Thar Desert</i>)
Central Soil And Materials Research Station, Ministry of Water Resources, Govt. of India, New Delhi	Pool officer in CSIR Poll Scientist Scheme	20.05.92	30.05.95	Research on Alkali Aggregate Reaction on Concrete
Department of Geology, University of Delhi	Principal investigator in DST Young Scientist Project	18.05.90	17.05.92	Research on DST Sponsored Young Scientist Project
Department of Geology, University of Delhi	Senior Research Fellow	1.08.87	30.10.88	Research on Structure and Tectonics of Garhwal Himalaya
	Junior Research Fellow	01.01.84	31.07.87	

Teaching Experience:

Under Graduate Level:

Twenty-four academic years (1999-continue) at Department of Geology, B.U. Jhansi: Teaching Physical, Structural, Tectonic, Petrology, Engineering and Applied and Environmental Geology.

Five academic years (1994-1999) at Delhi College of Engineering, Delhi (DCE), Taught Engineering and General Geology to B. Tech. (Civil Engineering) students

Post Graduate level:

Twenty-four academic years (1999-continue) at Department of Geology, B.U. Jhansi; Teaching Structural and Tectonic Geology, Sedimentology, Quaternary Geology, Environmental Geology, and Impact of Geology on Man and Environment as a special Paper.

Two academic years (2001-2003) at Department of Environmental Science, B.U. Jhansi: Taught Natural Resources and Natural Hazards and Climatology and Disaster Management.

Two academic years (2008-2010) at Bundelkhand Institute of Engineering and Technology (BIET) Jhansi: Taught **Engineering and General Geology** to B.Tech. civil engineering students

Research Interests/Specialization: Structural & Tectonic Geology,
Sedimentology, Engineering Geology
and Environmental Geology

Statement of Teaching, Research Interest And Knowledge Acquired:

Professor Bhatt is specialized in Structural and Tectonic geology, Sedimentology, and Environmental Geology. He is a recipient of USSR fellowship award (1987) and CSIR pool scientist scheme award (1994). His nomination was recommended by Ministry of Human Resources, Government of India for Common Wealth fellowship in 1991. A Young Scientist project funded by DST was awarded to him in 1990 and he has been executing several research projects sponsored by Department of Science and Technology, Government of India.

He has brilliantly pursued research on Tectonics and microfabric studies of Himalayan shears and Intercratonic shear zones of Bundelkhand craton of Indian Peninsula. He has established himself as legendary geoscientist in the field of structural and Tectonic geology and sedimentology. Professor Bhatt has immense caliber and passion to carryout research on crustal deformation and tectonic setting of Himalayan orogens and mylonitised granitic plume in cratonic domain of Indian subcontinent. Apart from this he had carried out research on lithostratigraphy and chronological status of Quaternary sequences of Luni basin of Thar Desert. Recently his research is focused on morphometric and morphotectonic studies of cratonic rivers and status of Natural resources and drought in Bundelkhand region of Central India. He has about 30 years of research and teaching experience and has published more than 50 research papers to his credit in national and international journals. He has authored two original books and four edited volumes. Five scholars have completed their doctoral thesis under his stewardship.

He has distinguished record of services in academic and administrative field and have been holding several administrative and academic positions at Department of Geology, Bundelkhand University. He is a life member of Geological Society of India, Bangalore, Indian Society for Rock Mechanics and Tunneling Technology (ISRMTT), New Delhi, Indian Society for Construction and Materials (ISCMS), New Delhi and life member of Geosciences Foundation of India. Currently he is a reviewer and member of editorial board of several scientific journals and served as an expert for many selections committees

Recipient of Awards and Honors/Abroad Visits/ Prizes/Medals/Special Attainments:

- ❖ Recipient of **USSR fellowship awards (1987)**; recommended by Ministry of Human Resource Development, Department of Education, Government of India.
- ❖ Nominated for **Nehru Centenary fellowship (1991)** of Commonwealth by British High Commission and Ministry of Human Resource Development, Department of Education, Govt. of India.
- ❖ Recipient of **Young Scientist Project Award** from Department of Science and Technology, Govt. of India (1990-1992).
- ❖ Recipient of **Pool Scientist Scheme** under Pool Scientist Scheme of Human Resource Development, CSIR, New Delhi (1992-1995).

Administrative Assignments/Positions Held:

- Served as **Course Coordinator for course M.Sc. Environmental Science** at **BU Jhansi** (2001-2003)
- Served as **Course Coordinator for M.Sc./B.Sc. Geology**
- Deputed services in **coding and decoding work of P.G. Courses** in Bundelkhand University.
- Served as member of **Executive council (2004-05), Court member (2004-05) and Academic council** (since **2001-208 and 2020 to continue**) in Bundelkhand University
- Served as member of **Board of Studies (BOS) and Research Development Committee (RDC)** in Department of Geology, Bundelkhand University.
- Served as **Deputy/Assistant Proctor of Proctoral board** of Bundelkhand University
- Deputed services as a convener and deputy convener in Unfair means committees (UFM) in Bundelkhand University.
- Served services for Preparation and formulation of curriculum/syllabus for UG and PG courses of Geology and Environmental sciences.
- Served as **coordinator /HOD of PG and UG courses** at Institute of Earth Sciences, Department of Geology, Bundelkhand University, Jhansi
- Served as expert member of selection committee for recruitment of Junior and senior Research Fellow
- Served as Expert Member of selection Committees for Teaching positions
- Served as expert member of Research and Development committees in other universities

Presentation/Participation in Seminar/Conference/Workshop:

- 2021 November participated and delivered key note addresses in an international webinar on Natural Hazards and Management, Organised at Department of Geology, Bundelkhand university, Jhansi, India.
- 2020 November participated and delivered key note addresses in an international webinar on Natural Hazards and Management Organised at Department of Geology, Bundelkhand university, Jhansi, India.
- 2020 Participated in International day for Disaster Risk Reduction, on 13 October 2020 jointly organised by NIDM Delhi and Divisional Administration, Kashmir J and K Forest and Indian Red Cross Society J and K branch Srinagar.
- 2019 Participated in a National Seminar on Recent Advances in the Indian Earth Science organised by CAS in Geology, Kumaun University, Nainital (Uttarakhand), India, 25-26 March-2019
- Abstract accepted for participation in International Conference on Earth Science, Deogri College, Aurangabad, November 09-10, 2020, Aurangabad, Maharastra, India
- 2016 Delivered a talk in an **International conference** on Technology innovation and Management for Sustainable Development towards Greener, saer and Smarter World February, 11-13, 2016, organized by ITM Unversity Gwalior.
- 2016 Delivered two invited lectures in a National Seminar on "**Current Trends of Research in Precambrian Geology (November 2016)**" organized by Department of Geology, Bundelkhand University Jhansi, and Eart Science India, Lucknow.
- 2016 Participated and acted as General Secretary organizing of committee in a **National Conference** on "**Precambrians of India**" held on 22-24th November, 2016 jointly organized by Department of Geology, Bundelkhand University Jhansi and The Society of Earh Scientists India, Lucknow.
- 2014 Participated and presented a paper in a **National Seminar on** on "**Geo-Environmental Hazards and Neo Tectonic Activities in Himalaya**" held on 28-30thOctober, 2014 organized by Department of Geology, HNB Garhwal University, Campus Badshahi Thaul, Tehri, Uttarakhand.
- 2014 Delivered an Invited Talk in a International Seminar on "**Magmatism, Tectonism and Mineralisation (MMTM-2014)**" held at Department of Geology, Centre of Advance study, Kumaun University, Nainital, Uttaranchal, India.

- 2013 Participated and presented a paper in a Seminar on "**Recent Perspectives on Lakes, Rivers and Coastal Wetlands**" during **March 24–25, 2013**, held at Department of Earth Sciences, Annamalai university, Annamalnar-608002, Tamilnadu, India.
- 2013 served as member of organizing committee and delivered talks in a International Conference "**Precambrian Continental Growth and Tectonism (PCGT – 2013)**, on **Nov.22 – 24, 2013**" held at Department of Geology, Bundelkhand University, Jhansi.
- **2013 Presented a paper in a conference on Geology and Vision-2020** on 20th and 21st **March, 2013**, organized by Department of Studies in Earth Sciences, university of Mysore, Manasagangothri, Mysore-6,
- 2011 Participated and presented a project proposal/report in a **DST sponsored Workshop/PAMC-DCS Meeting**, September **16-17, 2011** held at Department of Geology, Mizoram university, Aizwal.
- 2011 Presented a Project report in a DST sponsored **Workshop/PAMC-DCS Meeting**, April 29, 2011 held at Osmania University, Hyderabad
- 2010 Presented two papers in a National Seminar on "**Geology and Mineral Resources of Bundelkhand Craton (GMRB-2010)** organized by Department of Geology, Bundelkhand University, Jhansi,U.P., India and performed duties as a **Organizing Secretary** in the conference- GMRB-2010.
- 2009 Participated and presented papers in a International Conference "**Precambrian Continental Growth and Tectonism (PCGT – 2009) Feb. 24 – 28, 2009**" held at Department of Geology, Bundelkhand University, Jhansi.
- 2008 Presented project progress report in a **DST sponsored Workshop/PAMC-DCS Meeting, January 20-21, 2008** held at Department of Geology, Kerala university, Trivendrum.
- 2007 Presented an invited talks in a National Seminar on "**Magmatism, Tectonism and Mineralisation (MMTM-2007)**" held at Department of Geology, Kumaun University, Nainital, Uttaranchal, India.
- 2005 Participated and presented a paper in a Symposium on "**Himalayan Geology and Fore Deep**", Geol. Surv. Of India, **Lucknow** (Feb. 2005).
- 2005 Presented a paper in a International Conference "**Precambrian Continental Growth and Tectonism (PCGT – 2005) Feb. 22 – 24, 2005**" held at Department of Geology, Bundelkhand University, Jhansi.
- 2005 Participated and presented a paper in a "**Rashtriya Sangosthi on Jal Sansadhan Pariyojhaon Mein 'Anweshan Ka Mahatav Evem Chunotian'**, held at CSMRS, New Delhi (11 March 2005).
- 2000 Participated and presented three papers in a workshop in "**Geoenvironmental studies: Indian Scenario**" held at Department of Geology, Bundelkhand University, Jhansi, U.P. (**Nov. 9 -10, 2000**).
- 1997 Presented a paper in a seminar on "**Geoenvironmental Indicators**" held at **Department of Geology, University of Delhi (21 – 22 August 1997)**.
- 1993 Participated in a workshop on "**Distress in Concrete Structure and their Rehabilitation (4 -5 Feb., 1993)** at CSMRS, **New Delhi**, organised by Indian Society for Construction Materials and Structure in association with Indian National Committee for Construction (INCCMS) and CSMRS, New Delhi.
- 1990 Participated and Presented a paper on C-axes Fabric and Microstructural Strain Path Partitioning of Quartz –Mylonites within Pratap Nagar/Chail Nappe, Garhwal Himalaya, U.P.in a Conference/ Group discussion on "**Suture Zones-Young and Old: Himalayan Geology Seminar**"; held at Wadia Institute of Himalayan Geology, Dehradun
- **4-7 April, 1990:** Participated in a UGC National/International Seminar on "**Indian Asian plates: HIMALAYAN MOUNTAIN BUILDING AND ROCK FABRIC**"; held at Department of Geology, Delhi university from **26th Feb. to 27th Feb., 1987** and presented a paper on "Deformation Pattern and Flattening in Folds along Karol Thrust, Garhwal Himalaya."

Conference/seminar/Webinars/workshop organized/to be organized: Ten

- Two Days Webinar on “Natural Hazards and Management” (November 19-20, 2020) was organized at Department of Geology, Bundelkhand University
- Two Days Webinar on “Natural Hazards and Management” (November 22-23, 2021) was organized at Department of Geology, Bundelkhand University
- Two Days Two days (10.03.16 to 11.3.16) brain storming sessions on “*An integrated study for exploration of the Natural resources to the advancement and growth of underprivileged Regions of Bundelkhand*’ was organized at Department of Geology, Bundelkhand University. sponsored by NRDMS, DST, Govt. of India,
- Three days National Conference on “**Precambrians of india**” was held on 22-24, November, 2016 and worked as organizing secretary.
- Three International Conference on PGCT-2005, 2008 and 2013 were organized at Department of Geology, Bundelkhand University Jhansi (Served as member and technical Secretary)
- Three days National conferences on a) “***Geology and Mineral Resources of Bundelkhand Craton (GMRB-2010)***, Department of Geology, Bundelkhand University, Jhansi, on October 8, 9 &10 2010(Served as Organizing Secretary)
- *Geoenvironmental Studies: Indian Scenario*” Venue: Department of Geology, Bundelkhand University, Jhansi 9-10 November, 2000 (Served as Finance Secretary)

Summer Institute/Refresher/Training/Oriented Course attended:

- Participated in a training Course on “**In situ stress measurement in the rocks for water resources projects**” (31st August to 4th Sept. 1992) organized by Indian Society for Rock Mechanics and Tunneling Technology (ISRMTT) in association with CSMRS, New Delhi and United Nations Development Program (UNDP) at CSMRS, New Delhi.
- Participated in short training program/workshop “**Distress in Concrete Structures and Their Rehabilitation**” (4 Feb b- 5 Feb., 1993) organized by Indian Society for Construction Materials and Structures (ISCMS) in association with Indian National Committee for Construction Materials and Structures (INCCMS) and CSMRS, New Delhi at CSMRS (Min. of Water Resources), New Delhi.
- Attended NMCMP Summer School Training Course sponsored by DST at Department of Geology, Delhi University Delhi – 7.
- Participated in Refresher course on **Environmental Sciences** from 2 to 28, April, 2012 at Academic Staff College, **Jawahar Lal Nehru University**, and New Delhi.
- Participated in Refresher course on **Environmental Studies** (Interdisciplinary) from 7 to 28 January, 2013 at **Center for Professional Development in Higher Education (UGC-ASC), University of Delhi**, and Delhi-110007.

MEMBER OF LEARNED BODIES/ EDITORIAL BOARD/ REVIEWER OF JOURNAL:

- Secretary and Member of Editorial Board of **Journal and Association of South Asian Economic Geologists of India.**
- Reviewer and Member of Editorial Board of **Journal of Advances in Humanities**
- Reviewer and Member of Editorial Board of **Integrated Publishing Association, India**
- Life Member of **Geological Society of India**, Bangalore.
- Life Member of **Indian Society for Rock Mechanics and Tunneling Technology (ISRMTT)**, New Delhi.
- Life Member of **Indian Society for Construction Materials and Structures (ISCMS)**, New Delhi.
- Life Member of **Geosciences Foundation of India**, New Delhi.

DETAILS OF RESEARCH GUIDANCE:

- **Number of Registered candidates for Ph.D.:** 05
- **Number of candidates awarded Ph.D.:** 04
- **M.Sc. Dissertation:**70

EXAMINATION WORK/EXTRACURRICULAR ACTIVITIES:

- ❖ Served as **Superintendent/ Additional Superintendent/Assistant Superintendent** of Examinations conducted at Department of Geology and university campus/ colleges examinations (2001-till date).
- ❖ Served as **Superintendent/ Additional Superintendent/Flying squad** for Entrance Tests of university UG and PG courses/ CPMT/UPTU/Civil services/IIT etc examinations conducted at university campus.
- ❖ Served as **Paper setter/external and internal examiners of U.G. and P.G. Courses** (both theory and practical) of **Geology and Environmental sciences** at Bundelkhand University and other university/colleges in India.
- ❖ Performed duties as **Observer/Inspector/Central Controller/ Flying Squads in B.Ed., CPMT, UPTU** and other examinations at Bundelkhand and other universities in India.
- ❖ Served as member of **examination committee for Unfair Means (UFM)** at Bundelkhand university.
- ❖ Working as **member of Editorial Board** of several national and International journals

Research Projects Completed On Going /Approved/ Submitted:

COMPLETED : THREE

- Young scientist project on **“Kinematic and Petrofabric Analysis of Orogens of Garhwal nappe, Garhwal Lesser Himalaya”** sponsored by DST, Govt. of India and executed at Department of Geology, Delhi University, Delhi-7 (1990-1992) worth of **Rs.200000.00.**
- **Integrated Approach for Sustainable Development of Natural and Geological Resources in Bundelkhand Region” (2002-2005)**, sponsored by Ministry of Mines, Govt. of India, worth of **Rs. 285.00 lacks.**
- **Kinematics, Microstructural Fabric Orientation and Geometry of Shear Zones Developed in Intracratonic Domains of Bundelkhand Craton, Central India (2006-2011)** sponsored by DST, Govt. of India, worth **Rs. 16,000,00=00**

SUBMITTED/ UNDER PREPARATION:

- Morphometric Analysis and Watershed Management of Betwa/Rohni/ Ken River Basins, Bundelkhand Region, Central India, Ministry of Science and Technology, DST, Govt. of India.
- Water harvesting and Water Resource management in Residential Campus of Bundelkhand University Jhansi, Water Technology, DST Govt. of India.

PUBLICATIONS

PAPER PUBLISHED IN PEER REVIEWED NATIONAL AND INTERNATIONAL AND INDEX JOURNALS

1. 2021 Singh, V. K., Slabunov A I, Nesterova, N.S. Singh, M. M., **Bhatt, S. C.** Tectonostratigraphic Terranes of the Bundelkhand Craton (Indian Shield,), Geological and Geo-Environmental Processes on Earth, Eds; Shandilya, A. K., Singh, V. K., Bhatt, S. C., Publisher; Springer Nature, Pages 155-164
2. 2021 **Bhatt, S.C.** and Singh V.K. 2021: Tectonic evolution of Babina-Prithvipur crustal shear zones, Bundelkhand Craton, India: implications of shear indicators. In: Shandilya AK, Singh VK, Bhatt SC, Dubey CS (eds) Geological and Geo-Environmental processes on Earth, Springer Nature, Pages 165-174
3. 2021 **Bhatt, S.C.**, Singh, R., Singh, R., Singh V.K. and Patel, A, 2021: Morphometric and Morphotectonic Studies of Sindh Basin, Central India, using advance techniques of Remote Sensing and GIS. In Shandilya AK, Singh VK, Bhatt SC, Dubey CS (eds) Geological and Geo-Environmental processes on Earth, Springer Nature, Pages 259-275
4. 2021 **Bhatt, S. C.** Singh Rubal, Singh, Rahul, Mohd Saif and M. M. Singh, A GIS-based Approach for Morphometric Analysis of Jamini Basin and Its Subwatersheds: Implication for Conservation of Soil and Water Resources Edited by A K Shandilya, V K Singh, S C Bhatt and C S Dubey, publisher: Springer Nature, Pages 243-257
5. 2021 **Bhatt, S.C.** Sumit Mishra and Rubal Singh (2021): Morphometric Analysis of Rohni Watershed, Upper Betwa Basin, Bundelkhand Region, Central India, Edited by A K Shandilya, V K Singh, S C Bhatt and C S Dubey, publisher: Springer and Nature, Pages 277-291
6. 2021 **S.C. Bhatt**, Rubal Singh, M. Taiyab, S. Bhatt, 2021: Quantitative Morphometric Analysis of Watershed of Upper Pahuj Basin, Bundelkhand Region, Central India, Edited by A K Shandilya, V K Singh, S C Bhatt and C S Dubey, publisher: Springer Nature, Pages 293-304
7. 2020 **Bhatt, S.C.** Singh Rubal, Ansari M and Bhatt S. (2020): Quantitative Morphometric and Morphotectonic Analysis of Pahuj Catchment Basin, Central India, Journal of Geological Society of India, V 96, issue 5 pp, 513-520 (ISSN:0016-7622; Impact factor 0.98).
8. 2020 **Bhatt, S.C.**, Singh Rubal, Gupta, Ayush, Bhatt S. 2020: A GIS Based Approach for morphometric Analysis of Pahuj River Basin, Central India: Implications for soil and water Conservation submitted after revision to Environmental Earth Sciences (ISSN:0016-7622; Impact factor 2.253).
9. 2020 **Bhatt, S. C.** Singh Rubal Mohd Saif and M. M. Singh (2020): Morphometric Analysis of Sind Basin, Central India, using advance techniques of Remote Sensing and GIS accepted in Commemorative volume dedicated to professor P S Saklani, Edited by A K Shandilya, V K Singh, S C Bhatt and C S Dubey, publisher: Springer Nature
10. 2020 **Bhatt, S. C.** Singh Rubal, Srivastava¹ Akash and Singh² Rahul (2020) ASTER and GIS Based Morphometric Analysis of Ken basin of Central India Depicting Status of Flood and Soil Erosion, accepted in Commemorative volume dedicated to professor P S Saklani, Edited by A K Shandilya, V K Singh, S C Bhatt and C S Dubey, publisher: Springer and Nature.

11. 2019 **Bhatt, S. C**, Singh, V.K.(2019): Neoproterozoic Crustal Shear Zones and Implications of Shear Indicators in tectonic evolution of Bundelkhand Craton, Central India, Journal of Geoscience, Engineering, Environment and Technology, Special volume 04, No. 02-2 pp. 11-18.
12. 2017 **Bhatt, S.C**, Suresh M. and Hussain A. (2017): Geological Structure Control On Sukhnai Basin And Status Of Land Use/Land Cover Pattern In Mauranipur And Adjoining Areas, Bundelkhand Craton, Central India, Journal of Geological Society of Sri Lanka Vol. 18-Issue 2 (2017), 53-61.
13. 2015 **Bhatt, S.C.** (2015) A Tragic Flash Flood in Kedarnath Valley; Its causes and Effects in Upstream and Downstream of Mandakini valley, Garhwal Himalaya, Uttarakhand, India, published in Journal of Advances in Humanities, v4, p ISSN : 2349-437 Impact factor=1.0656.
14. 2015 **Bhatt, S.C.** and Mahmood, K(2015) Structural Evolution and Deformation mechanism in Sheared gneissic Complex and Mylonitised Felsic Volcanics and Granitoids, Babina-Prithipur Sector, Bundelkhand Massif, Central India, International Journal of Development Research, V. 5,(ISSN2230-9926 Impact factor=4.25).
15. 2014 **Bhatt, S.C.** Suresh M. and Gupta M. K. (2014) Structural Control on Drainage Pattern of Upper-Middle Pahuj River Basin and Implication of Remote Sensing in Watershed Management, Bundelkhand Craton, Central India, Journal of Multidisciplinary Scientific Research, 2014, 2(4), 09-14(ISSN 2307-6976) Impact factor= 0.654.
16. 2014 **Bhatt S.C.** and Gupta, M.K. (2014) Microstructural Analysis and Strain Pattern In Mylonites and Implications of Shear Sense Indicators in Evolution Of Dinara- Garhmu Shear Zone, Bundelkhand Massif, Central India, Journal of Mineralogical Society of India (Associated to International Mineralogical Society), Volume 48 (2), July 20014(ISSN: 0019-5928).
17. 2013 Joshi, B.C. and **Bhatt, S. C.** (2013) Study of Landslides in relation to Recent crustal adjustments in part of Dehradun valley , Indian Landslides 6 (2), 49-54.
18. 2013 **Bhatt, S.C.** Joshi, B. C. and Mahmood, K. (2013) Geological and Geomorphic set up of Babina- Nivari area and Stuctural control of Drainage pattern in middle Betwa basin, Bundelkhand massif, Central India. Journal of Indian Geological Congress, 5 (2), 5-15 (ISSN:2229-435X).
19. 2013 Joshi, B.C. and **Bhatt, S. C.** (2013) Evolutionary Phases and Tectonic Framework of Chamoli Central Crystallines of Garhwal Himalaya, journal of Indian Geological Congress, 5 (2), 43-50 (ISSN:2229-435X).
20. 2012 **Bhatt S.C.** and Mahmood, K. (2012) Deformational pattern and Microstructural analysis of Sheared Gneissic Complex and Mylonitic Metavolcanics of Babina-Prthipur Sector, Bundelkhand Massif, Central India, Indian Journal of Geosciences, Volume 66, NO. 1 January- March, 13 2012; pp. 79-90(ISSN 22293574)
21. 2012 **Bhatt, S.C.** and Hussain A. (2012) Shear Indicators and Strain pattern in Quartz Mylonite in Chituad-Deori Shear Zone, Bundelkhand Massif, Central India. Earth Science India, V. II, pp. 60-78,(ISSN0974-8350).
22. 2008 **Bhatt, S.C.** and Mahmood, K. (2008) Deformation Pattern and Kinematics of Folds in Basement Rocks Exposed around Babina and Gisauli Area, Bundelkhand Massif, Central

India. Bulletin of Indian Geologist's Association, 41, (1 & 2) pp 1-16, Chandigarh, India (ISSN 0379-5098).

23. 2008 **Bhatt, S.C.** and Hussain A. (2008) Structural History and Fold analysis of Basement Rocks around Kuraicha and adjoining areas, Bundelkhand Massif, Central India, Jour. Geol. Soc. India, V.72, PP,331-347 (ISSN 0016-7622).
24. 2005 Jain, M. Tandon S.K. Singhvi, A.K. Mishra, S. and **Bhatt, S.C.** (2005): Quarternary Alluvial Stratigraphical development in a Desert Setting: A case Study from Luni river basins, Thar Desert of Western India, Specl. Publs Int. Ass. Sedimentologists in Fluvial Sedimentology, VII (Eds Blume M. Marriotts).
25. 2004 Jain, M. Tandon S.K. Singhvi, A.K., **Bhatt, S.C.** (2004) Late Quarternary Stratigraphic Development in the lower Luni, Mahi and Sabarmati River Basins, Western India, Proc. Indian Academy of Sciences Bangalore (Earth Planet. Sci.) 113, No. 3 September, 2004, (pp 453-471) (ISSN: 0253-4126 Impact Factor 1 .50).
26. 2000 Shiela Mishra, M.Jain, Tandon S.K., Singhvi, A.K., Joglekar, P.P. **Bhatt, S.C.**, Kshirsagar, A., Naik.S. and Mukherjee, A (2000) A., Prehistoric, Cultures and Late Quaternary environments in the Luni basin around Balotra, Man and Environment, 24 p. 39-49 (ISSN: 0258-0446 Impact Factor .50).
27. 1999 M. Jain, Tandon, S.K. **Bhatt S.C.**, Singhvi, A.K. and Shiela Mishra (1999) Alluvial and Aeolian Sequences along the river Luni, Barmer district: Physical Stratigraphy and Feasibility of Luminescence Chronology Methods. In Vedic Saraswati, ed. B.P. Radhakrishna and S.S. Merh, Geological Society of India Memoir. 42, p.273-295, (ISSN 0016-7622, Impact Factor .90).
28. 1996 **Bhatt, S.C.** Microstructures and Shear sense Indicators within The Pratap Nagar Thrust Zone, Garhwal Himalaya, Proceeding Symposium, NW Himalaya, Feb, 1995, Geol.Surv. of India Specl. Publication 21 (1), 1996, 73-85.
29. 1994 **Bhatt, S.C.** and Saklani P.S (1994) "Strain Transition and Microstructural Fabric analysis of Quartz-Mylonites developed in Pratapnagar Nappe, Garhwal Himalaya,U.P., Jour. Geol. Soc. Ind., V.43 (6), P.381-394 (ISSN:0016-7622, Impact Factor .90).
30. 1992 **Bhatt, S.C.** and Bhatt, S.C. and Satendra (1992) "Deformation Mechanism and Strain Transition within Krol Nappe, Lesser Garhwal Himalaya,U.P., Bulletin of Indian Geologists Association, Chandigarh., V.25 (1-2), P.1-14 (ISSN: 0379-5098).
31. 1991 Saklani P.S., and **Bhatt, S.C.**, Singh V.K. and Satendra (1991) Deformation and Kinematic Analysis of folds along Krol Thrust, Garhwal Himalaya,U.P., Journal of Scientific Research, Banaras Hindu University, V.41b, p. 141-150 (ISSN 04479483).
32. 1990 Sharma R. and **Bhatt, S.C.** (1990) Fold Wavelength: Amplitude ratio in relation to Thrust/Fault, Garhwal Himalaya, India, Tectonophysics, V.172, P 169-173. (ISSN: 0040-1951V Impact Factor 2.872).
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