

## C.V. DR. ABHIMANYU SINGH



Name : **ABHIMANYU SINGH**

Present Status : Assistant Professor  
Institute of Environment & Development  
Studies, Bundelkhand University  
Jhansi-284128, U.P.

Date of Joining : 1<sup>st</sup> December, 2001 to 21<sup>st</sup> March 2005 and  
to continue from 6<sup>th</sup> Sept, 2006 to till date

Father's Name : Shri Loka Nath Singh

Local Address : Dr. Abhimanyu Singh, C/O Malkhan  
Singh Kushwaha, House  
No.1358, Shivajinagar, Jhansi,U.P.

Permanent Address : Dr. Abhimanyu Singh,  
S/O Shri. L.N. Singh, Vill. Tillauri, P.O/  
Tehsil – Chakia, Distt.-Chandauli,  
U.P. -232103

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Date of Birth : 6<sup>th</sup> June, 1962

Marital Status : Married

Nationality : Indian

### **Educational Qualification**

<b>Examination</b>	<b>University / Board</b>	<b>Year</b>	<b>Fields</b>	<b>Division (%)</b>	<b>Guide</b>
M. Sc.	Banaras Hindu University	1986	Geology	First (62.2)	
Ph.D.	Bundelkhand University	Thesis Submitted on May 26,2003	Geology (Thesis Title: Petrogenesis of Tin bearing Granitoids of Katekalyan Area of Bastar, Central India)	Awarded July 2004	Prof. S.P. Singh

**Research Areas** : Environmental Geology. Pollution, Geo-Resource Management and Geo-medical Problems.

**Research Fellowship** : Awarded B.H.U. Research Fellowship From March,1988 to August, 2000.

**Research Experience** : 15 years

- Teaching Experience** : 14 years teaching experiences (Dec, **2001** - March, 2005 and from 2006 to Continue) in the Department of Environmental Sciences for the courses of **M. Sc., M.Phil.** as well as **M.Tech.** (Natural Resources Management) at Bundelkhand University, Jhansi.
- Honorary advisor** : Construction Industry Development Council (CIDC) established by the **Planning Commission** (Government of India) and the Construction Industry (for a period of three years i.e. 11<sup>th</sup> September, **2006** to 10<sup>th</sup> September, **2009**).
- Attended UGC Sponsored Refresher Course (2012)** : *5<sup>th</sup> Refresher Course in Environmental Studies* (Interdisciplinary) Participated from Aug.14 - Sept.03. and Obtained Grade (A), Academic Staff College at **BHU**.

### **Guided Dissertation Thesis on:**

**M.Phil. (Environmental Sciences):**

1. Geo- Dimensional stone mining Vis- à -Vis crushing plants creating various environmental problems and their mitigating measures around Jhansi, Bundelkhand, India.  
**Vivek Singh Chauhan(2006-2007)**
2. A study on water quality and their adverse effect in and around Jhansi, Bundelkhand region.  
**Taruna Bhasney (2006-2007)**
3. A study on air quality and their effect in and around Jhansi, Bundelkhand region.  
**Anita Kaneriya (2006-2007)**
4. Reclamation of wasteland and their importance for socio-economic and Eco restoration in and around Jhansi, Bundelkhand region.  
**Prabha Ahirwar (2006-2007)**
5. Solid Waste Management: A case study of Jhansi city (U.P.)  
**Bilal Ahmad Lone (2008-2009)**
6. Precipitation and temperature variability in Kashmir Valley.  
**Mohd. Amir Mir (2008-2009)**
7. Ambient Air Quality Status and their Socio – Economic impacts on villages around mining and crushing plants in Jhansi, Bundelkand Region.  
**Atul P.Singh (2009-2010)**
8. To study the geo-granite mining impacts in their satellite villages on the water Quality with special reference to mines and groundwater in Jhansi, Bundelkhand Region.  
**Ranjana Yadav (2009-2010)**
9. A study on the mines and groundwater quality status and their possible problems in the granitic mining terraines, Jhansi, Bundelkhand region.  
**Divya Bajpai (2010-2011)**
10. To monitoring the air quality and their impact around the Diamond Cement Industry, Jhansi region, Bundelkhand.  
**Naveen Yadav (2010-2011)**

11. To study the groundwater quality around the Diamond cement Industry, Jhansi region, Bundelkhand. **Kumari Rajni (2010-2011)**
12. Impact and role of Fly Ash and stone crushing dust in Jhansi District, U.P. **Amit kr. Tiwari (2011-2012)**
13. To study the groundwater quality in the city (Shehar), Jhansi, District, Bundelkhand. **Anshul Gupta (2011-2012)**
14. Assessment of Urban air quality of Lucknow city with respect to particulate matter and noise pollution. **Priyanka Chaudhary (2011-2012)**
15. Monitoring of groundwater quality in the Sipri Area, Jhansi (U.P.) **Shilpa Srivastava (2011-2012)**
16. To study the status of Environmental pollution vis-avis health risk in Bundelkhand of U.P. **Monika Parihar (2011-2012)**
17. Municipal Solid Waste Management in Srinagar City, Kashmir, India. **Fayaz Ahmad Bhat (2012-2013)**
18. Isolation, Screening and Optimization of Alkaline Protease Producing Bacteria from Dairy Soil. **Ashish Kumar Gond (2012-2013)**
19. Bio-Medical Waste Management in Srinagar City, Kashmir, India. **Lateef Ahmad (2012-2013)**
20. Studies on Conservation efforts of Dal Lake and Management of its weedy species. **Umar Mushtaq Sofi (2012-2013)**
21. Impact of Flyash on Agricultural Soil and Environmental Health Around the Parichha Thermal Power Plant, Jhansi (U.P.), India. **Ambedkar Gautam (2012-2013)**
22. Snow Avalanche Mapping Along Mughal Road From Dubjain to Chandimarh in J & K Using Remote Sensing and GIS. **Syed Asif Iqbal (2012-2013)**
23. Status of Water Quality of Nawabganj Lake and their Conservative Strategies, Unnao district (U.P.), India. **Indu (2012-2013)**
24. Status of Groundwater Quality of Jalaun, Tehsil. **Richa Verma (2013-2014)**
25. Impact of different Environmental Factors and Improved Rearing Technologies on cocoon production in South Kashmir. **Imtiyaz Ahmad Khan (2013-2014)**
26. Impact of Soil pH on the Rooting Behavior and Growth of Mulberry (MORUS Spp.) Saplings under Temperate Conditions of Jammu and Kashmir. **Tanveer Ahmad (2013-2014)**

**M.Tech (NRM)**

1. Geo-Mining Impacts on soil and Health Problems in Jhansi region.  
**Neelam Bitthariya (2008-2009)**

**M.Sc. (Environmental Science)**

1. Status of Biomedical waste generation, collection, treatment, disposal and their possible problems in Jhansi city, Bundelkhand Region.  
**Manisha Mehrotr (2008-2009)**
2. Study the Indoor Air Quality Status of SO<sub>x</sub>, NO<sub>x</sub> in the kitchen of rural villages around the Mining area of Jhansi in Bundelkhand Region.  
**Naveen Yadav (2008-2009)**
3. To study the monitoring of air quality around the Parichha Thermal Power in Jhansi region, U.P.  
**Sayyad Imtiyaz Ali (2011)**
4. Watershed management of Bhasneh Reserve in Bundelkhand region.  
**Ashish Kumar Soni (2012)**
5. Role of infrastructural facilities in post office and their safety management strategies specially in Jhansi city, Bundelkhand.  
**Archana Verma (2012)**
6. Project report on hand made paper.  
**Yogendra Singh(2012)**
7. Environmental Protection standards at Petrol station, Jhansi city, U.P.  
**Dildar Hassan (2012)**
8. To study the problems and prospects of the Bundelkhand region in U.P.  
**Rashmi Dwivedi (2012)**
9. Project report on Green Building Materials at Tara Nirman Kendra (TNK) Orchha.  
**Anoop Yadav (2012)**
10. A Study on the Groundwater Quality of Drinking Water terrain, Rath, Bundelkhand Region.  
**Sharad Singh Sengar (2012-2013)**
11. Assessment of Groundwater Quality of nearby Area of Patiala-Baadi-Nadi at Patiala City, Punjab.  
**Kailash Chandra Bhatt (2012-2013)**
12. To Study the Groundwater Quality in the By-pass Road from Kirat Sagar Lake to Permanand Chowk, Mahoba City.  
**Sarasvati Devi (2013-2014)**
13. To Study Groundwater Quality of Railway Station, Mahoba.  
**Neha Verma (2013-2014)**
14. Response of KNOLL-KHOL (Brassica- Oleracea Var Gongyloids) to organics and Biochar Under Kashmir Valley Conditions.  
**Shan Mudassir Ahmad (2013-2014)**
15. Impact of Climate Change on Agriculture Field- A Case Study on District Gorakhpur, Utter Pradesh, India.  
**Amit (2013-2014)**
16. A Study on Groundwater Quality Status of Different Areas of Hamirpur District UP.  
**Devendra Kumar (2014-2015)**
17. Analysis of Soil at Betelvine Research Centre of Mahoba District (UP.)

**Sonam Singh (2014-2015)**

18. To Study Groundwater Quality in Lalitpur Power Generation Company limited  
Lalitpur Village Mirchawara- Buragaon, District Lalitpur, Bundelkhand (UP.)

**Mayashanker Singh (2014-2015)**

### **Book Published**

1. Abhimanyu Singh and B. Raj (2015). Petrogenesis of tin bearing granitoids of Katekalyan area of Bastar. ISBN No. 9783659762314.

### **Research Papers Published**

1. S.K. Singh; J. Ojha; P.K. S.; R.A.S. and **Abhimanyu Singh (1999)**: *Rajgamar Koyale ka Shail-Rasayanik Vyavahar (in Hindi)*, **Vigyan garima Sindhu**, Govt. of India Commissions For Scientific and Technical Terminology (CSTT) Ministry of HRD (Deptt. of Education) Vol.30: 82-86. (Peer Review) **4495/CSTT/2000/F-13-B**
2. B.C. Joshi; **Abhimanyu Singh**; Gupta and Kishore (2004), *Environmental Hazards vis-à-vis Slope Erosion Risk and Role of Vegetation in its Mitigation, Challenges in Sustainable Development. Book Chapter*; P.K. Singhal and Pankaj Shrivastava (eds), Anmol Publication Pvt. Ltd., New Delhi. pp. 279-295. **ISSN 81-261-1993-4**
3. **Abhimanyu Singh (2008)**: Fluid Inclusion Studies for the Evolution of Cassiterite and Associated Rare Metal Mineralization in Pegmatites, Katekalyan Area of Dantewada District, Chhattisgarh, *Journal of Economic Geology and Georesource Management. Official Journal of the South Asian Association of Economic Geologists (SAAEG India chapter)* Vol.5, No (1 & 2) pp.53-69. (Peer Review) **ISSN 0973-4384**
4. **Abhimanyu Singh**; Jamshed Zaidi; A.P. Singh and Naveen Yadav (2011): Study the Geo- environmental Degradation in and around the Granite Mining Areas in Jhansi Region, Bundelkhand, India. *Journal of Chemistry and chemical Sciences (An International Research Journal)*. Vol 1, Issue 3, pp 186-208. (Peer Review) **ISSN 2229-760X**
5. **Abhimanyu Singh**; Jamshed Zaidi; Shree Ganesh., V.S. Chauhan and Manisha Mehrotra (2011): Status of Biomedical waste and their Possible Public Health Risk with Controlling Measures in the Jhansi City, Bundelkhand Region, India: A case study, *International Journal of Current Research*. Vol.3, Issue, 11, pp.080-086. **GIF: 1.125(2011) ICV:6.29 (2011)** **ISSN: 0975-833X**
6. **Abhimanyu Singh**; Jamshed Zaidi and Pradeep Kumar Maurya (2011): Bundelkhand mein Bhu-paryavarniy sankato evam samajik apdavon ka samadhan :A Study, *Search and Research*: Vol-III, No. (1): 137-144. **ISSN: 0975-5721**
7. **Abhimanyu Singh (2011)**: Tectono-Magmatic Environmental and Evolutionary History of Stanniferous Granitoids from Katekalyan Area, Central Indian Shield. *Journal of Economic Geology and Georesource Management*. Vol-8, No.(1-2) pp.65-84 (Peer Review) **ISSN: 0973-4384**

8. Gayatri singh, Amit Pal and **Abhimanyu Singh (2011)**: Status of AIR Quality in Open Cast Mining Sites in Jhansi, Bundelkhand Region of Uttar Pradesh, India. *Journal of Economics Geology and Georesource Management*. Vol. 8 No.(1-2), pp. 49-56.  
(Peer Review) ISSN: 0973-4384
9. **Abhimanyu Singh**; Jamshed Zaidi; V.S. Chauhan and D.P. Ambedkar (2012): Bundelkhand ke Uttar Pradesh mein bhu-Paryavariya apdao ke dushpariram ka Adhyan Eain Shaman Ke Upay. **Book Chapter; Bhushkhalan Eain paryavarn has**;R.A.Singh; Gyanodaya Prakashan, Nainital I<sup>st</sup> Edition. pp.97-109.  
ISBN: 81-85097-95-X
10. **Abhimanyu Singh**; Jamshed Zaidi and A.P. Singh, (2013):Geostone Mining Activities and Dimensional crushing plants creating Environmental related health hazards in Jhansi region, Bundelkhand. **Book Chapter; Landslides and environmental Degradation**. R.A.Singh; Gyanodaya Prakashan, Nainital I<sup>st</sup> Edition. pp. 169-189. ISBN: 81-85097-90-9
11. **Abhimanyu Singh**; Jamshed Zaidi; Shree Ganesh; Swati Gupta; N.P. Verma and P.K. Maurya (2012): Monitoring of Air Pollution and their AQI Status vis-a-vis Health Hazards with the New Approaches for the Granite Mining Terraines of the Jhansi Region in Bundelkhand Massif,India. *International Journal of Advanced Scientific Research and Technology (IJAST)* Issue2, Vol.3 (June)pp.41-68  
Impact Factor 2.9 (ICV-6.2) ISSN: 2249-9954
12. **Abhimanyu Singh**; Jamshed Zaidi; Shree Ganesh; Beenu Raj; Swati Gupta and Intiyaz Ali (2013): Monitoring of the Ground Water Around the Heidelberg Diamond Cement Factory, Jhansi District, Bundelkhand. *International Journal of Advanced Scientific and Technical Research (IJAST)* Issue 3, Vol.1, January-February. pp 107-114. Impact Factor 2.9 (ICV-6.2) ISSN 2249-9954
13. **Abhimanyu Singh**; A.H. Khan; Jamshed Zaidi; Naveen Yadav; D.S. Chauhan and S. Ganesh (2013): Health Risks Zonation Vis-à-vis Air-born Diseases in Bundelkhand Region, India. *Pelagia Research Library (Advances in Applied Science Research) CODEN (USA):AASRFC,4(5):pp.287-295*.  
(Peer Review) ISSN 09768610
14. **Abhimanyu Singh**; A.H. Khan; Jamshed Zaidi; Shishir K. Singh and Hemendra S.Verma (2013): WQI Status of Groundwater Based on Specific Physico Chemical.Characteristics Around the Jhansi Fort, Bundelkhand (INDIA). *International Journal of Advanced Engineering Technology, IJAET/Vol. IV/ Issue II/April-June*, pp17-19.  
(Peer Review) E-ISSN 0976-3945
15. **Abhimanyu Singh**; Jamshed Zaidi; Priyanka Yadav; H,S.Verma;P. Chaudhary; Shishir K. Singh and Indu (2013): Groundwater Quality Status Vis-à-Vis Health Risk of the Sipri area in Jhansi City, Bundelkhand, (India). *International Journal of Development Research(IJDR)* Vol.3,Issue.8 Aug.pp 047-049 (Peer Review) ISSN 2230-9926
16. **Abhimanyu Singh**; Jamshed Zaidi; Divya Bajpai; Gunjan Sharma; Amita Yadav; Dheerendra S. Chauhan and Shree Ganesh (2014): Municipal Solid Waste Management Challenge and Health Risk problematic Solutions at Agra City, UP. India. *Pelagia Research library (Advances in Applied Science Research) CODEN (U.S.A.): AASRFC, 5(3): 397-403*  
(Peer Review) ISSN: 0976-8610

17. **Abhimanyu Singh**; Jamshed Zaidi; Rajesh Kushwaha and Dheerendra S. Chauhan (2014): Problematic Environment, Health security and management strategies in Bundelkhand region. **Book Chapter, *Social Problems Perspective and impact*; Alfa publication New Delhi**.pp: 165-203.

**ISBN: 978-93-83292-45-5**

18. **Abhimanyu Singh**; Beenu Raj; Jamshed Zaidi and Sana Zaidi (2014): Hydrogeochemistry and Water Quality Assessment of Groundwater of Betwa River Basin. **Book Chapter, *Geology Biodiversity and Natural Resources of Himalaya and their Intellectual property Law***. Pp. 655-666.

**ISBN: 978-93-82171-40-9**

19. **Abhimanyu Singh** and Swati Gupta. (2015): Geo- Medical problems vis-à-vis role multi-level elemental anomalies through geo-genic source emergence health disorder: A Review. ***Pelagia Research library (Advances in Applied Science Research) CODEN (U.S.A.): AASRFC***,6 (6): 129-152.

(Peer Review) **ISSN: 0976-8610**

20. Indu, **Abhimanyu Singh** and Raveesh Chandra (2015) A Study on Physico-Chemical Parameters and Correlation Analysis of Surface Water of Nawabganj Lake. ***International Journal of Current Research***. Vol. 7, issue 08, pp 19548 – 19554.

**ISSN: 0975 – 833X.**

21. **Abhimanyu Singh, A. H. Khan, S. Gupta, A. K. Verma, D.S. Chauhan, J. Zaidi** (2016) Indoor air quality monitoring of biomass fuel vis – a – vis smoke emission in rural poor communities and their health risks in Bundelkhand region, central India. ***Pollution***. Vol. 91, pp 38148 – 38153.

**ISSN: 2229 – 712X.**

22. **Abhimanyu Singh, K.C. Bhatt, A. H. Khan, Indu, S. Gupta, S. Surya, J. Zaidi** (2016). Applying statistical tool for the assessment of ground water quality in and around the Patiala city of Punjab. ***Octa Journal of Environmental Research***. Vol. 4, issue 01, pp 008 – 017.

**ISSN: 2321 – 3655.**

### **Communicated Papers as a Book Chapter:**

1. **Abhimanyu Singh**; Jamshed Zaidi; Shree Ganesh; Amit Pal and Vinit Kumar (2012): State of Environment in Jhansi Area of Bundelkhand Region of Uttar Pradesh; Strength, Constraints, Scope and Strategies” Editors: Prof. O.P. Kandari and Dr. Nagendra Maurya.

### **Abstract (Published):**

1. **Abhimanyu Singh**; S.K. Singh and S. Singh (1999): Characteristics of various Fluids responsible for tin mineralization at Katekalyan, Bastar, M.P., ***Nat.Sem. Geol and mineral wealth of the Precambrian of Central India, Jabalpur***, January 8 – 10, pp. 33.

2. **Abhimanyu Singh, S.K. Singh and S. Singh** (2000): Tin and associated rare metal mineralization of Katekalyan area, M.P.: ***Mineralogical and Geochemical***

*studies, Nat.Symp. On milestone in Petrology at end of the Millennium & future Perspective and Annual Convention of the Geological Society of India.* Department of Geology, B.H.U. pp.91.

3. B.C. Joshi; and **Abhimanyu Singh** (2002): Environmental degrading from slope *erosion and role of vegetation migration, Sem. Natural Disasters: Threat perception Myth & reality, Dehradun*, February 23-24, pp.20.
4. Hergovind Singh; Mukender Rajput; **Abhimanyu Singh**; A.K. Gupta; Amit Pal and Sandeep Arya (2004): Environmental health problems due to mining activities in Bundelkand Region of India, *International Conference on Recent Advances in Biomedical & Therapeutic Sciences* (ICRABTS-2004), Jhansi, January 13-15, pp.109.
5. **Abhimanyu Singh**; S.P. Singh and Santosh Kumar (2005): Tectono – Magmatic History and Possible Sources of the Stanniferous granitoids of Bastar Craton, Central India, *International Conference on Precambrian Continental Growth & Tectonism (PCGT)*, Jhansi, Feb.22-24, pp.319-322.
6. **Abhimanyu Singh**; A.K. Srivastava and R.P.J. (2007): Proterozoic Stanniferous granite magmatism around Katekalyan in Southern Bastar craton, Chhatisgarh, Central India. *National seminar on Magmatism, tectonism and Mineralization (M.T.M.-2007) and X annual convention of South Asian Association of Economic Geologists (SAAEG) India Chapter*, Kumaon University, Nainital, Oct.29-31 pp. 107-108.
7. **Abhimanyu Singh**; Jamshed Zaidi and A.P. Singh (2007): Geo-Stone Mining Activities and Dimensional Crushing Plants Creating Environmental Related Health Hazard in Jhansi region, Bundelkhand. *National workshop on Landslides and Environmental Degradation in Hilly Terrains (LEDHT), at Pithoragarh. (U.K)* June 4-6, pp.27.
8. A.P. Singh; **Abhimanyu Singh**; and Jamshed Zaidi; (2010): Ambient air quality Status and Their Socio-Economic Impacts on Villages Around Geo-mining and Crushing Plants in Jhansi, Bundelkhand Region. *National Symposium on Geology and mineral Resources of Bundelkhand Craton (GMRB), and 15<sup>th</sup> Annual Congress of the South Asian Association of Economic Geologists* Jhansi.
9. Beenu Raj; A.K. Giri; **Abhimanyu Singh** and Abhay kumar Singh (2011): major ion chemistry and ground water quality assessment of Jhansi region (U.P.) India. *The 31<sup>st</sup> session of the academic of environmental Biology, India and national Symposium on Sustainable Development (NSSD): Environment and Socio- Economic challenges*, IEDS, Bundelkhand University, Jhansi. Oct 14<sup>th</sup> – 16<sup>th</sup>, pp.33 (46B).
10. **Abhimanyu Singh**; Imtiyaz S. Ali; Jamshed Zaidi and V.S. Chauhan (2011): Monitoring the air quality status around the Parichha thermal power plant with special reference to TSPM, SO<sub>x</sub> and NO<sub>x</sub>, Jhansi Bundelkhand (India). *The 31<sup>st</sup> session of the academic of environmental Biology, India and National Symposium on Sustainable Development (NSSD): Environment and Socio- Economic challenges*, IEDS, Bundelkhand University, Jhansi. Oct 14<sup>th</sup> -16<sup>th</sup>, pp.36 (50).



11. **Abhimanyu Singh**; Swati Gupta; Jamshed Zaidi; Shree Ganesh and Naveen Yadav (2011): To study on the using different household energy vis-a-vis health problems and their possible solution, Jhansi region, Bundelkhand. *The 31<sup>st</sup> session of the academic of environmental Biology, India and National Symposium on Sustainable Development (NSSD): Environment and Socio- Economic challenges*, IEDS, Bundelkhand University, Jhansi. Oct 14<sup>th</sup> -16<sup>th</sup>, pp.37 (52).
12. M.D. Shandilya and **Abhimanyu Singh**; (2011): Solid waste management of Allahabad city. *India and National Symposium on Sustainable Development (NSSD): Environment and Socio- Economic challenges*, IEDS, Bundelkhand University, Jhansi. Oct 14<sup>th</sup> -16<sup>th</sup>, pp.14 (018).
13. **Abhimanyu Singh**; Jamshed Zaidi; P.K. Maurya; Shree Ganesh; Beenu Raj and Swati Gupta (2012): Monitoring of the Ground water around the Heidelberg diamond cement factory of the Jhansi District, Bundelkhand. *National seminar on geology biodiversity and natural resource of Himalaya and their Intellectual Property Law.U.K.*, 14<sup>th</sup> -15<sup>th</sup> Oct. pp.79.
14. Beenu Raj; **Abhimanyu Singh**; Jamshed Zaidi and Sana Zaidi (2012): Hydrogeochemistry and water quality assessment of ground water of Betwa river basin. *National seminar on geology biodiversity and natural resource of Himalaya and their Intellectual Property Law.U.K.*, 14<sup>th</sup> -15<sup>th</sup> Oct. pp.79.
15. Beenu Raj; **Abhimanyu Singh**; Jamshed Zaidi and Sana Zaidi (2012): Hydrogeochemistry and water quality assessment of ground water of Betwa river basin. *National Seminar on Geology, biodiversity and natural resource of Himalaya and their Intellectual Property Law. Pithoragarh, U.K.*, oct. 14<sup>th</sup> -15<sup>th</sup>., Pp: 75
16. **Abhimanyu Singh**; Jamshed Zaidi; Shree Ganesh; P.K. Maurya; Beenu Raj and Swati Gupta (2012) Monitoring Of The Ground Water Around The Heidelberg Diamond Cement Factory, Jhansi District, Bundelkhand. *National Seminar on Geology, biodiversity and natural resource of Himalaya and their Intellectual Property Law. Pithoragarh, U.K.*, oct. 14<sup>th</sup> -15<sup>th</sup>., pp: 79
17. **Abhimanyu Singh**; Jamshed Zaidi; Shree Ganesh and Sidharth Kumar (2014). Merits and Demerits of Right to Reject and Right to Recall Options in Electora System, India. *National Seminar on Electoral Reforms in India. Sponsored by U.G.C.at B.U. Jhansi*. March, 3-4, pp: 29
18. **Abhimanyu Singh (2014)**. Characterization of Geochemical Environment, Mineralography and Petrogenetic History of the Stanniferous granitoids-pigmantoidal Episodes in Southern Baster Craton, central India. *Conference on Magmatism, Tectonism and Mineralisation at Nainital, India. IAGR Conference Series no. 18*, pp: 64.
19. **Abhimanyu Singh**; S.Gupta; Indu; Shree Ganesh; Raj Laxmi; D.S. Chauhan and Jamshed Zaidi. (2015). Evaluation of Groundwater Quality in Jhansi City, Bundelkhand Region. *National Seminar on Research in Social Sciences with special*

*references to Methodology and Statistical Techniques. (U.G.C. Sponsored) at B.U. Jhansi (UP.), March, 21-22. pp: 48.*

20. **Abhimanyu Singh;** Indu; Raveesh Chandra (2015). Assessment of Surface Water Quality Status Using Water Quality Index (WQI) of Nawabganj Lake: Eastern U.P. India. *National Workshop on Challenges and Opportunities for Management of Water Supplies in Rural Areas. Ministry of Drinking Water and Sanitation, GoI, New Delhi, COMWRA-2015*, January 23-24. pp: 73-78.

### **Attended International and National Conference/Seminar/Symposium/Workshop/Training Programme**

1. National **Seminar** on Coal Resources of India at Banaras Hindu University, Varanasi December 28-30, **1989**.
2. National **Symposium** on Recent Researches in Sedimentary Basin: Implication for Exploration of Natural Resources & XIIISI Convention of Indian Association of Sedimentologist at B.H.U., Varanasi, October 28-30, **1996**.
3. Rashtriya Subdavalai Karyashala (**Workshop**) (Geology) at the Department of Geology, B.H.U., Varanasi, August 11-14, **1997**, (Organized by CSTT, Government of India).
4. National **Symposium** on Milestone in petrology at the end of the Millennium & future Perspectives and Annual Convention of the Geological Society of India, B.H.U., Varanasi, November 14-16, **2000**.
5. National **Symposium** on Recent Advances in Geology and Resources Potential of the Kutchh Basin, at B.H.U., Varanasi, December 21-23, **2000**.
6. **Workshop** on GIS and Remote Sensing (Technex-2001), Institute of Technology, B.H.U., Varanasi, March 1-4, **2001**.
7. Fifth **conference** of the international Academy of Physical Sciences on Interdisciplinary Trends in Physical Sciences and Symposium on the Role of Information Technology and its Implications at B.U. Jhansi, April 7-9, **2002**.
8. International **conference** on Precambrian continental Growth and Tectonism (PCGT- 2005), Deptt. Of Geology, Institute of Earth Science, B.U., Jhansi, Feb. 22-24, **2005**.
9. **Symposium** on Disaster Reduction: for Environment and human security at Jhansi. Foundation Day celebration, May, 19, **2006**.
10. National **Workshop** on Recent Advances In Polymers & Its Applications held at Bundelkhund Institute of Engineering and Technology, Jhansi under Technical Education Quality Improvement Program during December 1-2, **2006**, jointly organized by B.I.E.T. Jhansi & A.I.T.H. Kanpur.
11. World Ozone Day Celebration participated in the “**Poster** Competition and Exhibition on Ozone Layer Depletion and Related Issues” at B.U. Jhansi Sept. 20, **2007**.
12. National **Seminar** on Magmatism, Tectonism and Mineralization (**M.T.M.-2007**) and X Annual Convention of South Asian Association of Economic Geologists (SAAEG) India chapter, Kumaon University, Nainital, (U.K.) Oct. 29-31.

13. A Scientific and Technical views related to Water Pollution Conservation and Status of Ground Water Level, B.B.C Jhansi, Jan 12-13, **2008** (organized by Scientific and Technical Shabdawali Commission , H.R.D Ministry, New Delhi).\
14. Intensive **training program** on Disaster management from 7th-12th Aug., **2008** at science centre Jhansi Bundelkhand University ; Catalysed and supported by RVPSP, DST, New Delhi.
15. Awareness **workshop** on prevention of lead poisoning (LEAD- er–Lead Education Programme) in collaboration and support with National Referral Centre for Lead poisoning in India (NRCLPI- St. John’s) and Quality Council of Indian (QCI) organized by Institute of Environment and Development and Studies (IEDS) Bundelkhand University, Jhansi, November 5, **2008**.
16. National **workshop** on Landslides and Environmental Degradation in Hilly Terrains (LEDHT-2010) organized by Department of Geology L.S.M. Govt. PG College, Pithoragarh, Uttarakhand, June, 4-6, **2010**.
17. National **Symposium** on Geology and Mineral Resources of Bundelkhand Craton (GMRB-2010) and 15th Annual congress of the South Asian Association of Economic Geologists organised by B.U. Jhansi, Oct. 8-10, **2010**.
18. National **Seminar** on “Person with Disability: Programme, Policies, Remedies and Intervention” organized by Department of Social Work, Bundelkhand University, Jhansi, (U.P.) March 26-27, **2011**.
19. 31st Annual Session of AEB & National **Symposium** on “Sustainable Development (NSSD): Environment and Socio – Economic Challenges” organized by IEDS Jhansi and The Academy of Environmental Biology, India. Oct. 14-16, **2011**.
20. **Workshop** on Scientific analysis of soils of Bundelkhand , organized by Bipin Bihri P.G. College, Jhansi during Jan. 10-11, **2012**.
21. Inter University Earth **Inspire** Camp ( Green Clean-Earth Dream Earth Day celebration) organized by Bundelkhand university Jhansi during 22-23<sup>rd</sup> April. **2012** Sponsored program by Ministry of Earth Sciences.
22. National **Seminar** on Geology, Biodiversity & Natural Resources of Himalaya and their Intellectual Property law., organized by L.S.M. Government P.G. College, Department of Geology, Pithoragarh, U.K., Oct. 14-15, **2012**.
23. National **Seminar** on “Biodiversity : Ecological Security and Sustainable utilization of Natural Resources” Organised by department. Of Botany, B.B.C., Jhansi (U.P.) March 8-10 **BIOCON-2013**.
24. 4<sup>th</sup> International **Conference** on Climate Change and Sustainable Management of Natural Resources at ITM University, Gwalior, M.P. India. Feb. 12-14, **2014**.
25. National **Seminar** on Electoral Reforms in India, organised by Babu Jagjivan Ram Institute of Law, Bundelkhand University, Jhansi March 03-04, **2014**.
26. Seven Day **Faculty Development Programme** (Dream Uny) held at Bundelkhand University, Jhansi. Sep. 1-7. **2014**.
27. Training **Workshop** (Turnitin) iThentical organized by I Group Infotech. India Pvt. Ltd. at B.U. Jhansi (U.P.). Dec. 6, **2014**.
28. 5<sup>th</sup> International **Conference** on Climate Change and Sustainable Management of Natural Resources at ITM University, Gwalior, M.P. India. Feb. 9-11, **2015**.
29. National **Symposium** on challenges for Science and Technology in 21<sup>st</sup> Century: National Perspective (NSCST-2015), Deptt. Of Electrical, Engineering Rustamji Institute of Technology, Gwalior (M.P.) Feb. 26-27, **2015**.
30. National **Seminar** on Research in Social Science and Sciences with Special Reference to Methodology and Statistical Techniques, U.G.C. Sponsored at B.U. Jhansi U.P., March 21-22, **2015**.

## Oral Presentation Papers in National and International Seminars/Conferences/Workshops

1. **Dr. Abhimanyu, (2005)** Tectono-Magmatic History and Possible Sources of the Stanniferous Granitoids of Bastar Craton, Central India” in the *International coference* (PCGT -2005, Feb.22-24) held at Bundelkhand University, Jhansi, India.
2. **Dr. Abhimanyu, (2007)** Proterozoic Stanniferous Granite Magmatism around Katekalyan in Southern Bastar Creton, Chatisgarh India. National **Seminar** on Magmatism, Tectonism and Mineralization (M.T.M.-2007) and X Annual Convention of South Asian Association of Economic Geologists (SAAEG India chapter), *Kumaon University ,Nainital, (U.K.)* Oct. 29-31.
3. **Dr. Abhimanyu, (2010).** Geo-stone mining Activity and Dimensional Crushing Plants Creating Environmental Related Health Hazards in Jhansi Region, Bundelkhand. National **workshop** on Landslides and Environmental Degradation in Hilly Terrains (LEDHT-2010) *organized by Department of Geology L.S.M. Govt. PG College, Pithoragarh, Uttrakhand, June, 4-6.*
4. **Dr. Abhimanyu, (2011).** Socio-Economic Gap Amongst the People in Jhansi Region, Bundelkhand. National **Seminar** on “Person with Disability: Programme, Policies, Remedies and Intervention” *organized by Department of Social Work, Bundelkhand University, Jhansi, (U.P.)* March 26-27.
5. **Dr. Abhimanyu, (2011).** Monitoring the Air Quality Status Around the Parichha Thermal power plant with Special Reference to TSPM, Sox and NOx, Jhansi Bundelkhand (India). 31st Annual Session of AEB & National **Symposium** on “Sustainable Development (NSSD): Environment and Socio – Economic Challenges” *organized by IEDS Jhansi and The Acedemy of Environmental Biology, India.* Oct.14-16.
6. **Dr. Abhimanyu, (2012).** A study on Micro- Climate in the Mining Granitic Terrains in Jhansi Region, Bundelkhand (India). 3rd International **Conference** on Climatic Change and Sustainable Management of Natural Resources. TIMS-12, Organized by ITM University Gwalior., Feb 5-7.
7. **Dr. Abhimanyu, (2012).** Monitoring of the Groundwater around the Heidelberg diamond cement factory of the Jhansi District, Bundelkhand. National **Seminar** on Geology, Biodiversity & Natural Resources of Himalaya and their Intellectual Property law., *organized by L.S.M. Government P.G. College, Department of Geology, Pithoragarh, U.K.,* Oct.14-15
8. **Dr. Abhimanyu, (2013).** Status of Geo-Medical Problem in Bundelkhand Regions. National **Seminar** on “Biodiversity: Ecological Security and Sustainable utilization of Natural Resources” *Organised by department. Of Botany, B.B.C., Jhansi (U.P.)* March 8-10 BIOCON-2013
9. **Dr. Abhimanyu, (2014).** WQI Status of Groundwater Based on Specific Physico-chemical Characteristics around the Jhansi Fort, Bundelkhand (India). 4th International **Conference** on Climate Change and Sustainable Management of Natural Resources at *ITM University, Gwalior, M.P. India.* Feb. 12-14
10. **Dr. Abhimanyu, (2014).** Merits and Demerits of Right to Reject and Right to Recall options in Electoral System, India. National **Seminar** on Electoral Reforms in India, *organised by Babu Jagjivan Ram Institute of Law, Bundelkhand University, Jhansi* March 03-04,
11. **Dr. Abhimanyu, (2015).** Geo-Medical Health Hazards and Geophagia Prospects in Bundelkhand Regions, Central India. 5th International **Conference** on Climate Change

and Sustainable Management of Natural Resources at *ITM University, Gwalior, M.P. India*. Feb. 9-11.

12. **Dr. Abhimanyu, (2015)**. New Methodological Approaches for the Synthesis of Qualitative and Quantitative through Education curriculum. 35. National **Seminar** on Research in Social Science and Sciences with Special Reference to Methodology and Statistical Techniques, *U.G.C. Sponsored at B.U. Jhansi U.P.*, March 21-22.

### **Other Academic/Administrative activities:**

- Final checking the results as a collator of (M.Sc, M.Tech and M.Phil) courses in Environmental Science.
- Orchha field visit (2004) – M.Sc. & M.Tech. Students of the Institute of Environment & Development Studies for Forest and water related studies.
- Gwalior visit (2004)-Demonstration cum-training programme for M.Sc. & M.Tech. Students of the Institute of Environment & Development Studies, at JU, Gwalior.
- Working as Placement Officer: Placement in the different Institute, Organizations and Laboratory for the completion of dissertation project for M.Sc. & M.Tech. Students of the Institute of Environment & Development Studies.
- Perform Time-table for the M.Sc. (Environmental Sciences) and M.Tech. (Natural Resource Management) with the consultation of HoD and other faculty members w.e.f.2001.
- Development of Lab and museum in the Institute of Environment and Development Studies.
- Conducting the Annual as well as Semester examination for the M. Sc. (Environmental Sciences) & M.Tech (Natural Resource Management) with the consultation of HoD and other faculty members.
- Conduct the CPMT and B. ED. Entrance Examination test in different centers under the Bundelkhand University, as observer (April 2012).
- **Appoint as a Observer and Centre Representative** for conducting various examination: **CPMT June 30, 2002** (Kanpur Vidaya Mandir Mahila Inter College ) , **CPMT- 2011**, (Bareilly College Bareilly), **B.Ed. May 9, 2004**; (Kalpi College Kalpi, Jalaun), B.PEd. ET examinations.
- **Appoint as a Member of the Board of Studies (BoS)** in Bundelkhand University (2003-2004,2006,2008,2009,2011,2012 and 2013) for M.Sc. M.Tech. and M.Phil. courses.
- **Appoint as a Paper Setter:** (M.Sc. M.Tech. and M.Phil in Geology Environmental Science and also UG level for Environmental Studies Courses).
- **Appoint as a Internal Examiner for** practical, seminar and viva-voce.
- **Appoint as a External Examiner for** U.G.(B.Sc.II<sup>nd</sup> and III<sup>rd</sup> Emt and water Management) practical, seminar and viva-voce[B.N.V. college, Rath.(Hamirpur) April, 16-17,2011.
- **Appoint as a Examiner for answer book checking for** M.Sc., M.Phil, M.Tech and also U.G. level examinations.
- **Appoint as a online Counselor** in B.Ed in Bundelkhand University centre.

- **Appoint as a Assistant Centre Superintendant (ACS)** for the completion of Annual Exam (B.A III<sup>rd</sup> Year Private exam ) session 2010-11. 2011-12 and 2012-13.

**Teaching of courses (From 2001 to March and Sept.2006 to continue)**

1. Taking classes at institute of Environment and Development studies-in M.Sc  
(Environmental Sciences) –
  1. Abiotic Environment and Geo-environment Sciences
  2. Global and national Environmental Sciences
  3. Environmental pollution and Effect
  4. EIA and Disaster Management
2. In M.Tech. (Natural Resource Management)-
  1. Principles of Natural Resource Management.
  2. Land Resource Management.
3. Taking classes in Earth Sciences –
  1. Fuel Geology.
  2. Ore Geology & Mining.
4. Taking M.Phil. Classes of Environmental Sciences

Date:

*Abhimanyu Singh*

(Dr. Abhimanyu Singh)