

Title		Name	DR. KASHI NATH SINGH	Photograph
Department	School of Studies in EARTH SCIENCE (Geology)			
Designation	PROFESSOR & HEAD			
Address	F-2/35, VIKRAM UNIVERSITY CAMPUS, UJJAIN-456010 (M.P.)			
Phone- Office	0734-2510227			
Residence				
Mobile	+919755496794			
E-Mail	Singhkn_vikram@yahoo.com			
Educational Qualifications				
Degree	Institution	Year		
Ph.D.	Banaras Hindu University, Varanasi	1986		
PG	B.H.U., Varanasi	1981		
UG	B.H.U., Varanasi	1979		
Other	Participated in Computer Maintenance Training programme organized by USIC Vikram University, Ujjain and Western Region Instrumentation Centre, Mumbai.	Feb. 03 -08, 2003.		
	National Cadet Core (NCC) "B" certificate with corporal rank.	1975-76.		
Career Profile				
Senior Research Fellow (SRF), DST, New Delhi- November, 1986-88.				
Lecturer in Geology, Vikram University, Ujjain-October, 1988.				
Reader in Geology, Vikram University, Ujjain- July, 1998.				
Professor of Earth Science, Vikram University, Ujjain- July, 2006.				
Administrative Assignment				
Worked as Second In Charge Vikram University Guest house.1998.				
Asstt. Registrar Exams , Vikram University, Ujjain~1999.				
Coordinator for Vikram University, Engineering examinations 1997-1999.				
Coordinator , Confidential Section, Vikram University, Ujjain-1997-2000.				
Asstt. Proctor , Vikram University, Ujjain, 1997~2000.				
Permanent Invigilator , Main exams Vikram University, Ujjain.2005-06.				
Asstt. Supdt. University Exams.(Many Years)				
Proctor , Vikram University, Ujjain –August 2009-August 2010.				
Chief Coordinator Exams, Suman Manviki Bhavan, Vikram University, Ujjain-2011.				

Area of Interest/ Specialization
COAL GEOLOGY, SEDIMENTOLOGY & ENVIRONMENTAL GEOLOGY.
Subjects Taught
Fuel Geology-Coal & Petroleum Geology, Sedimentology, Mineralogy & Geochemistry, Mineral Exploration, Mining Geology.
Publication Profile
Research Papers: in Journals-
<u>Nationals:</u>
01) The textural behaviour of Lower Gondwana sandstones of Johilla Coalfields, Son Valley, M.P. Jour. Sci. Res., Varanasi. 1988, vol. 38(1), pp. 187-200 (with R.M.Singh).
02) Role of vitrinite and inertinite ratio in stratigraphic correlation and quality assessment of coals- An example from Johilla and parts of Korba Coalfields, MINETECH, 1991, Vol. 12, No. 3, pp. 45-47.
03) SEM analysis of Nowrozabad coals, Shahdol district, M.P. MINETECH, 1992, Vol. 13, No. 1, pp. 54-56.
04) Environmental impacts of coal mining around Bina block, Singrauli Coalfields, M.P. Jour. Sci. Phys. Sci., Bhopal. 1992, V. 4, No. 1, pp. 22-26.
05) The petrology of Kusmunda and Gevra coals, Korba Coalfield, M.P. Recent trends in Geology, V. 14, 1993, Edited by Prof. K.L. Rai, Published by Hindustan Publications, New Delhi.
06) Petrology of Pathakhera coals, Pathakhera Coalfield, M.P. MINETECH, 1993, Vol. 14, No. 3, pp. 5-12 (with B.K.Singh and A.K. Sharma).
07) Environmental significance of textural attributes of Pali- Parsora sandstones of Shahdol district, M.P. The Vikram, Quart. Jour. of Vikram University, Ujjain, 1994, Vol. XXV, No.1 & 3. (With Onkar Singh).
08) Environmental impacts of Opencast coal mining- A case study of Chirimiri coalfields, District Surguja, M.P. Mineral Wealth, DGM, Ahmedabad, Gujarat, 1994, Vol. XXX-(2) pp. 1-10. (With B.Dasgupta)
09) A comparative study of lithotypes of Kamptee coals using IR Spectroscopy, MINETECH, 1995, Vol. 16, No. 5, pp. 44-48.
10) Source rock potential for hydrocarbon generation of Johilla coals, Son Valley, M.P. Indian Journal of Geology, A Jour. of QJMMI of India, Calcutta. 1995, Vol. 67, No. 3, pp. 186-190 (with R.P.Singh).
11) Quantitative morphometric analysis of Pali- Parsora area, Johilla river basin, Shahdol district M.P. Abs. Vol. Indian Sci. Cong., 1996, Patiala, The Vikram Science Journal, Vikram Univ., Ujjain, 1996-2000, Vol. XXVI, No. 1&3 (with Onkar Singh).
12) Environmental Scenario of Gevra Block, Korba Coalfield, Bilaspur, (M.P.) Accepted in "Utilization of mineral resources and its consequences on environment", Ed. by Dr. M.S.Shekhawat, Udaipur, 2001 (In Press, with Sonali Guha).
13) Quantitative morphometric analysis in a part of Umarar river basin, Umaria area, M.P. Vikram Sci. Jour., vol. XXVII (1&3) Ujjain, 2001. (With Onkar Singh).
14) Source Rock Potential- A Comparative Assessment from Rajmahal, East Bokaro and Talchir Coalfields of India. Indian Jour. of Landscape Systems and Ecological Studies, Kolkata, 2002, Vol. 25, No. 1, pp. 66-70. (With Sonali Guha and R.P.Singh).
15) Provenance of Lower Gondwana Sandstones of Ib-Valley Coalfield through Textural

- Analysis. Jour. Ind. Assoc. Sedimentologists, Aligarh, 2002, Vol. 1 & 2. (with Sonali Guha).
- 16) Geo-Mathematical Modelling of Beach Sands. Varahmihir Journal of Mathematical Science, Sandipani Academy, Ujjain, 2004 Vol. 4 No. 2 pp. 471-482 (with Sonali Guha and R.K.Singh).
 - 17) Impact of Coal Mining on Environment. Published in Shilalipi, Jour. on Earth System Science &Tech. Berhampur, Orissa. 2005.
 - 18) Coal Science and Technology. Meeting Report, Current Science, vol. 85, no. 12, Dec. 2003, jointly with B. D. Singh and B. K. Misra, BSIP, Lucknow.
 - 19) Palynological studies of Rajgamar and Manikpur seams of Korba Coalfield, Korba district, Chhattisgarh. Jointly with S.K. Dhanoria, R.K.Singh and Ms. Archana Tripathi; Geo-Spectrum Interface, vol. 1, No.1. Dec 2006. pp 6-13. Berhampur, Orissa. 2005.
 - 20) Comprehensive account of Permian Coals of Umaria, Korba and Ib-valley, Son-Mahanadi Coalfield, Madhya Pradesh, Chhattisgarh and Orissa, India: A review of Petrography and Depositional Environment. Accepted in Geo-Spectrum Interface, Berhampur, Orissa Vol. II, No. I, 2007, (jointly with R. K. Singh, S. K. Dhanoria, A. Bhatt and A. Dixit)
 - 21) Coal Bed Methane Potentiality of Ib-Valley Coals, Mahanadi Coalfield Limited, Orissa, Accepted in Geospectrum Interface; A Journ.of ISEPES, Berhampur Orissa Vol.II,No.II, 2007 (with Sonali Guha and R.P.Singh).
 - 22) Mineral Matter Distribution in the Coals of Umaria – A SEM Study. Indian Journal of Geology, Kolkata, 2004. (Communicated, With K.N.Singh and R.K.Singh)
 - 23) A Study of the Trace Elements of Ib-River Valley Coals. Abs. Vol. Nat. Symp. on Developments in Geology, Mineral Deposits & Seismotectonics of Central India & Annual Conv. of the Geol. Soc. India, 1999, Bhopal, Bangladesh Jour. of Geology, Dhaka. 2004. (Communicated, with Sonali Guha).
 - 24) Textural Analysis of Lower Gondwana Sediments of North-Western Parts of Ib Valley (Basundhara Block), Orissa. Communicated to Journal of Science Research, Benaras Hindu University, Varanasi, 2005. (Jointly with Sonali Guha & R.K.Singh).
 - 25) Engineering Geological Rock Mass classification of Punasa Tunnel site, Dist. Khandwa, M. P. India. The Geological Society of India, Bangalore, 2011 vol 77 no 3, pp 269-272. (Jointly with Gupta M. C. & Singh B. K.)
 - 26) Coal bed methane potentiality- Case studies from Umaria, Korba and Ib Valley coals ,Son Mahanadi Basin, India. Geol. Soc. India, Bangalore-2010, vol. 76,no. 1, pp 33-39.
 - 27) Source rock potentiality of Umaria, Korba and Ib Valley coals ,Son Mahanadi Basin, India- A comparative assessment. Communicated to Geol. Soc. India, Bangalore-2009, July.
 - 28) Source Rock Potential for Hydrocarbon Generation in Lignite of South Gujarat. Communicated to Gondwana Geological Soc. Nagpur-2010. (jointly with S. K. Dhanoria and S. K. M. Tripathi.)
 - 29) Relationship between Ratio of Pristane to Phytane, Crude oil Composition and Geological Environment of South Cambay Basin, Ankleshwar, Gujarat, India. Ultra Scientist-Bhopal Vol.24(2) B, 301-310; 2012 (jointly with Ashutosh Dixit).

International:

- 30) Environmental pollution control through Geo- botanical means- A case study, Manikpur block, Korba coalfield, M.P. Environmental Geology, Springer Verlag, USA, 1999, Vol. 38, No. 3, pp. 229-232 (with S.S. Sikarwar and Sonali Guha).
- 31) Source Rock Potentiality of Ib-Valley coals, Mahanadi Coalfields Limited, Orissa, Journal of Nepal Geological Society, Nepal, 2004, vol. 29, 35-38.(with Sonali Guha).
- 32) Petrographical Characteristics of the Sediments associated with Ib-Valley Coals, Orissa, South Africa Jour. Geology, Johannesburg, 2004. (Communicated, with Sonali Guha).
- 33) Petrography, Geochemistry and Depositional vicissitude of Permian Coals of Basundhara Block, Ib-Valley Coalfield of Orissa. Published in SEGMITE International 2,10-15; A journal of Pakistan Science Foundation; Karachi, 2005. (Jointly with R. K. Singh, S. K. Dhanoria, A. Bhatt and A. Dixit)
- 34) Petrochemistry and Depositional Environment of Permian Coals of Basundhara Block, Ib valley Coalfield, Orissa, India. Inter. J. Econ. & Environ.Geol. vol 1(1), 36-41;2010.(jointly with R. K. Singh, S. K. Dhanoria, A. Bhatt & A. Dixit).
- 35) Rating of Tunnel by visual field inventory- A case study of Punasa Tunnel site, Dist. Khandwa, M. P. India. The Internat' al Journ. Of Earth Science & Engineering; Innova Tech Soc; 2012, v. 05 No. 06, pp 1530-34. Jointly with Gupta M. C. & Singh B. K.

(B). Conference Papers:

Nationals:

1. Inorganic constituents of Nowrozabad and Birsinghpur coals, Johilla Coalfields, Son Valley, M.P. Proc. Nat. Sem. Coal Resources of India, Varanasi. 1987, pp. 183-205. (With R.M. Singh and C.S. Dwivedi).
2. The petrology of Nowrozabad and Birsinghpur coals, Johilla Coalfields, M.P. Proc. Nat. Sem. Coal Resources of India, Varanasi. 1987, pp 271- 292 (with R.M. Singh and G.K.B. Navale).
3. SEM of Johilla Coalfield, Son Valley, M.P. Proc. Nat. Sem. Coal Resources of India, Varanasi. 1987, pp. 329-333 (with R.M.Singh and M.P.Singh).
4. Environmental impact of coal around Kusmunda and Gevra area, Korba Coalfield, District Bilaspur, M.P. Proc. Nat. Sem. on Physico- Chemical Properties of Coal, ISM, Dhanbad. 1988 (with R.M.Singh, R.V.Singh and C.S. Dwivedi).
5. Pyrolytic Studies of Johilla coals, Son Valley, M.P. Abstract Vol. 7th I.G.C. & Nat. Sem. 1989-1990, Bangalore- Conventional Energy Resources.
6. Statistical Analysis of South Balanda sandstones, Dhenkanal district, Orissa. Abs. Vol. VIII I.G.C. and Nat. Sem., Ujjain. 1991, pp. 61 (with A.K. Singh).
7. Petrographic Studies of Barakar Sandstones around Katras, Dhanbad district, Bihar. Abs. Vol. VIII I.G.C. and Nat. Sem., Ujjain, 1991, pp. 61-62 (with Onkar Singh and M.P. Singh).
8. Mineral resources and population education. Paper presented in workshop at School of Studies in Continuing Education, Vikram University, Ujjain. 26-27 Aug. 1994.
9. Construction of dam and their impact on environment, International Congress on sustainable development of Environment and wild life. 1997, Ujjain (Accepted and presented with A.K.Sinha).
10. Correlation analysis of source rock potential of selected coalfields of Bihar, Orissa and Madhya Pradesh for hydrocarbon generation. Abstract Vol. Indian Geological Congress, Mysore, 1998 (Accepted, with R.P. Singh).

11. Stratigraphic Setting of Gondwanas of Mahanadi Valley. Abs. Vol. XVII Indian Colloquium on Micropaleontology and Stratigraphy, Jan. 2000, Ujjain. (with Sonali Guha).
12. Environmental Scenario of Ib Valley Coalfield, Orissa. Abs. Vol. National Seminar on Environmental Pollution and Fishery Management, 2002, Vikram University, Ujjain, pp. 107 (with Sonali Guha).
13. A Study of the Organic/Inorganic Affinities of Trace Elements Detected in Ib-Valley Coals, Orissa, India, National Seminar on Coal, Vision 2020, CFRI, Dhanbad, 2003 (Abstract Accepted, with Sonali Guha).
14. Petrographical Characterization Of Ib-Valley Coals, Orissa, India. National Seminar on Coal, Vision 2020, CFRI, Dhanbad, 2003 (Abstract Accepted, with Sonali Guha).
15. Status of Physical Reclamation of Mining Areas – A Case Study from the Majri Area Coalmines, Wardha Valley, Maharashtra. Internat. Conf. On Water and Environment: WE-2003, RRL Bhopal (Abstract Accepted with Sonali Guha).
16. River Saraswati- Comments on its Existence. Proc. Vol. Nat. Sem. Vedic Culture and its Continuity, Ujjain, 2003.
17. Interaction of Man and Geology, Proc. Vol. Nat. Seminar on stages of Social formation and formulation, Ujjain, 2005, Article no. 49, edited by R. K. Ahirwar, Vikram University, Ujjain.
18. A Review of Water Pollution in Coalmines of Umaria coalfield, M.P. (jointly with R. K. Singh S. K. Dhanoria, A. Dixit, A. Bhatt & K. N. Singh) Communicated in Nat. Sem. On “Natural and Anthropogenic Disasters in Indian Subcontinent- Forecasting & Mitigation Plans.” Sambalpur University, Sambalpur, Orissa to be held on March 03-04, 2006.
- 19.. Environmental Impact of Limestone Open-Cast mines at Kymore, Katni district, M.P. (jointly with A. Dixit, R. K. Singh, S. K. Dhanoria, A. Bhatt & K. N. Singh) Communicated in Nat. Sem. On “Natural and Anthropogenic Disasters in Indian Subcontinent- Forecasting & Mitigation Plans.” Sambalpur University, Sambalpur, Orissa to be held on March 03-04, 2006.
20. Environmental Assessment of Khor Limestone Project, Neemuch District, M.P. (jointly with S. K. Dhanoria, A. Dixit, A. Bhatt, O. P. Yadav, D. Gupta & R. K. Singh) Communicated in Nat. Sem. On “Natural and Anthropogenic Disasters in Indian Subcontinent- Forecasting & Mitigation Plans.” Sambalpur University, Sambalpur, Orissa to be held on March 03-04, 2006.
21. Coal Mine Water: A neoplasm of surrounding habitat- An appraisal from Umaria, Korba and Ib-Valley Coalfield, Son-Mahanadi Basin, India. (jointly with R.K .Singh, S.K. Dhanoria, A. Bhatt and A. Dixit); Abstract accepted in National Seminar “Ground Water-2007” held at CGWB; Bhopal during April 04-05, 2007.
22. Recharging of Ground water, its conservation. A popular note published in Dainik Bhaskar, Ujjain on Earth Day, 2009.
23. Geotechnical appraisal of Khor limestone deposits, Neemuch district, MP. .Published in Diamond Jubilee year2010 and Nat Sem. vol. Geology, Genesis & Resource analysis of metallic, nonmetallic & energy minerals (coal, petroleum & atomic minerals), Udaipur (Rajasthan), Jan 2010, jointly with Ranjana Vyas, T. K. Pandya and Ashish Sharma.
24. Petrological basis for the rank (maturity) evaluation of Early Eocene Lignite Field of Rajpardi and Tadkeshwar area of South Gujarat. Published in Diamond Jubilee year2010

and Nat Sem. vol. Geology, Genesis & Resource analysis of metallic, nonmetallic & energy minerals (coal, petroleum & atomic minerals), Udaipur (Rajasthan), Jan 2010, jointly with S K Dhanoria and S K M Tripathi.

25. Significance of Minerals in Archaeology. Volume edited by Dr R. K. Ahirwar; SOS in AIHCA, Vikram University, Ujjain, 2012.
26. Geochemical investigation of the Ghordewa coal seams, Korba Coalfield, Chhattisgarh. Presented at Ind. Science Congress- Earth System Sciences; Section V; 2013, Jan 3-7: held at Bhubaneswar, Orissa (jointly with V. K. Mishra, Vivek Mishra & Aarti Soni.
27. Geology, Minerals and Economic Relationship. Nat. sem. On Different Dimensions of M. P. & Indian Economy: Challenges & Way Ahead; Org. by SOS Economics, Vikram University, Ujjain, 2013.
28. Role of Trace Elements in coal with reference to Basundhara Block, Ib Valley coalfields, Orissa. Nat. Sem. On CBM status in India by N. Wadia Collage, Pune held in Feb. 7-9, 2013.
29. Source rock potentiality of Basundhara Block coals of Ib Valley, Orissa. Nat. Sem. On CBM status in India by N. Wadia Collage, Pune held in Feb. 7-9, 2013.
30. Petrophysical investigation of Basundhara Block coals of Ib Valley, Orissa with reference to CBM potentiality. Nat. Sem. On CBM status in India by N. Wadia Collage, Pune held in Feb. 7-9, 2013.

International:

1. X-Ray Diffraction Studies on Ib-Valley Coals, Orissa- An Appraisal. Abst. Vol. Internat. Seminar on Coal Science & Technology- Global Coal 2005 (Abst. Accepted with Sonali Guha) , 12-13 April, 2005, New Delhi organized by CFRI, Dhanbad and DST New Delhi.
2. Status of Mineral Matter Distribution in the Coals of Korba coalfield ,Chhattisgarh Based on Scanning Electron Micrographic Study. Abst. Vol. Internat. Seminar on Coal Science & Technology- Global Coal 2005 (with Sonali Guha & R.K.Singh) , 12-13 April, 2005, New Delhi. organized by CFRI, Dhanbad and DST New Delhi.
3. Status of Coalmine water pollution in Basundhara Block, Ib Valley coals, Mahanadi Coalfields Limited, Orissa. (jointly with R.K.Singh), Accepted in Abst. Vol. Fifth Asian Regional Conference, Nepal Geological Society, Special vol. 32; Kathmandu held during 28-30 Sept. 2005.

Books Published:

An offer from **Hindi Grantha Academy, Bhopal** to write a book on “**Mineral Deposits of India**” (in Hindi) is under manuscript stage.

Research Guidance

Supervision of awarded Doctoral Thesis:

1. Petrological and Geochemical Studies of Coal and Associated Sediments of Umaria Coal Field, Son Valley, M.P.(India).(Onkar Singh) -1994.
2. Petrological and Geochemical studies of Coals and Associated

- Sediments of south-eastern part of Ib-Valley Coalfield, Mahanadi Coalfields Limited, Orissa (Sonali Guha)-2002.
3. Organic Petro-chemistry of north-western part of Ib-Valley Coals and Associated Sediment of Mahanadi Coalfields Limited Orissa.(R.K.Singh). 2006.
 4. Geotechnical and Socioeconomic appraisal of Punasa Canal, Khandawa district, M.P. (Mahesh Chand Gupta).2008.
 5. Petrological and Palynological studies of Lignite deposits of south Gujarat. (S.K.Dhanoria) 2009.
 6. Geomorphological and Geo-physico-chemical Studies of Gandhar Oil field, Cambay Basin, Gujarat.(Awadesh Bhatt).2010.
 7. Geo-physico-chemical properties of Ankaleshwar Oilfield, Cambay Basin, Gujarat with special reference to Morphometric Analysis. (Ashutosh Dixit) 2010.

Supervision of Doctoral Thesis, under progress:

1. Petrological studies of coals and associated sediments from parts of Lakhanpur Coalfield, Son-Valley, Chhattisgarh. (Prabha Sharma).
2. Petrological evaluation of coals from Bisrampur Coalfield, Son Valley, Chhattisgarh. (Anjana Vyas). 24-11-2008.
3. Petro-geochemical studies of coals of Jhilimili coalfield, Son Valley, Chhattisgarh. (Deepak Sharma)-14-12-20 09.
4. Geotechnical and Geo-environmental studies of Kajlidongari Manganese mines, Meghnagar, Jhabua district, M. P.(Rupesh Kumar Dubey).2010.
5. Engg. Geological investigation of Dindori Dam project, M. P. (Ashutosh Pathak)2012.
6. Organic petrology of Maharashtra Coals, (Anuj Katiyar) 2012.
7. Lignite geochemistry of Barmer Area, Raj.(Vipin Kr. Mishra)2012.
8. Petrological investigation of Jharia Coals, Jharkhand,(Vivek Kr Mishra) 2012.

Supervision of M. Phil dissertations:

1. Singh, A.K. (1991): Sedimentological and Petrological Studies of Vishnupuri- Chhinda Blocks of Pench Valley Coalfield, Chhindwara district, M.P.
2. Sharma, A.K. (1991): Geology of Shivpuri Block, Eastern Pench Valley, District Chhindwara (M.P.)
3. Singh, S.K. (1994): A study of the coal seams and associated sediments of the Pachwara Coalfield, Dumka district, Bihar.
4. Dhanoria, S.K. (2005): Palyno-stratigraphic studies of R-2 (Rajgamar) and Lower Jatraj (Manikpur) seams of Korba Coalfield , Korba District Chhattisgarh.
5. Kushwah Pawan Kumar (2007): Environmental appraisal of Jayant mine of Singrauli Coalfield, NCL, Singrauli.
6. Sawan Kumar Chauhan (2008): Quality assessment of Amlai Block 'A' coal Amlai project,

- Shahdol district, M.P.
7. Ms Prabha Sharma (2008):
 8. Navin Rawat (2010): Exploration & quality assessment of Coal, Harrad Block (Jamuna Kotma area) Anuppur, M. P.
 9. Sachin Tamrakar (2010): General study of Nigahi Open cast coalmine in Singrauli Coalfield, M.P.
 10. Vikas Pathak (2010): General geology & environmental study of Amlori coalmine in Singrauli Coalfield, M.P.
 11. Rupesh Kr Dubey (2010): Status of exploration & exploitation of Kajlidongri manganese mine, Jhabua District, M.P.

LIST OF M.Sc. Tech. DISSERTATION:

1. Kale, H.S. (1992): Geological Exploration for lignite deposit of Hoidad Area in Bhavnagar District, Gujarat.
2. Kaushal Kishore (1993): Exploration, Exploitation and Beneficiation Studies of S-E Portion of Bokaro- Kargali (OC) Block, East Bokaro Coalfield, Bokaro, Bihar.
3. Sanjay Kumar (1993): Exploration, Exploitation and Beneficiation Studies of N-W portion of Bokaro- Kargali (OC) Block, East Bokaro Coalfield, Bokaro, Bihar.
4. Thakur, Prabhakar (1993): Geology of the South Karanpura Coalfield with special reference to exploration at western of Tokisud area, Hazaribagh district, Bihar.
5. Dasgupta, Biplab (1994): A study of coal deposits of Chirimiri coalfields, district Surguja, M.P., with special reference to exploration, exploitation and environmental aspects.
6. Sinha, R.R. (1995): Technological appraisal of exploration and exploitation of miliolitic limestone, Kodinar area, Amreli district, Gujarat.
7. Jha, S.K. (1996): A systematic approach to exploration, exploitation and beneficiation of coal and geo-environmental studies with special reference to remote sensing technique in and around Jhingurdah mines, Singrauli Coalfields, (M.P.)
8. Sharma, S.K. (1997): Techniques of exploration, exploitation, quality assessment and Beneficiation of northern Block of Sheopura- Kesarpura limestone deposits of Beawar area, District Ajmer, Rajasthan.
9. Sinha, A.K. (1998): A Geotechnical Assessment of tapping South (OC Project), West Bokaro Coalfield, Hazaribagh, Bihar.
10. Guha, Sonali (1998): Exploration, Exploitation and Geo-environmental appraisal of the Gevra- Kusmunda Blocks, Korba Coalfield, District Korba, M.P.
11. Pawar, J.S. (1999): Geology, Exploration, Mining and Environment Aspects of Bailadila Iron Deposit, Central India.
12. Singh, R.K. (1999): Exploration, Exploitation and Beneficiation Studies of Putki Project, Bhagabandh Area, Bharat Coking Coal Ltd., Jharia Coalfield, Bihar.
13. Joshi, S.K.D. (2000): Exploration and Exploitation of Coal in Underground Mine at Ballarpur 3/ 4 Pit Colliery, Maharashtra State.
14. Marmat, O.P. (2000): Exploration and Exploitation of Coal in Underground Mine at Ballarpur 3/ 4 Pit Colliery, Maharashtra State.
15. Vyas, S. (2001): Geotechnical appraisal of Manganese ore of Tumsar, Bhandara district, Maharashtra.
16. Malviya, Jyoti (2001): Geotechnical appraisal of Manganese ore of Tumsar, Bhandara

district, Maharashtra.

17. Manish K. Soni (2004): A report on exploration & exploitation of Petroleum in Ankaleswar & Gandhar Oil field, Ankaleswar Asset, Gujarat.
18. Avadhesh Bhatt (2004): Exploration & exploitation of Petroleum in Mehsana Oil field, Mehsana, Gujarat.
19. Omprakash Chaudhary (2005): Technical appraisal of exploration, exploitation & manufacture of Cement of Kaimur Limestone deposit of The ACC Kaimur cement, Katni district, M.P.

LIST OF M.Sc. THESES:

01. Gosawi, A. (1991): Petrological Studies of Rungta Coals of Sohagpur Coalfield, Son Valley, M.P.
02. Singh, S.K. (1992): Geology of the area around Lalmatia Coalfield, Hura Basin, Godda district, Bihar.
03. Nishi Rani (2004): Exploration & exploitation of Petroleum in Mehsana Oil field, Gujarat.
04. Choudhary ,O.P. (2005) : Technical Appraisal of Exploration , Exploitation & Manufacture of Kaimore Limestone deposit of the ACC Kaimur Cement, Katni District, M.P.
05. Dixit Ashutosh (2005) : Geology Exploration & Exploitation Status of Kymore Limestone deposit in Katni, M.P.
06. Gupta Deepak (2005): Geology Exploration & Exploitation Status of Khor Limestone deposit in Neemuch, M.P.
- 07 .Yadav O.P.(2005): Geology, Exploration & Exploitation Status of Khor Limestone deposit in Neemuch, M.P.
08. Ashish Sharma & Ranjana Vyas (2006): A brief geotechnical appraisal of Khor Limestone deposit, Neemuch District, M.P.

Conferences Organized

Organization of a Conference

1. National Seminar on Recent Advances in Indian Mineral Scenario- Genesis and Exploration and VIII Convention of Indian Geological Congress, October 28-30, 1991, School of Studies in Geology, Vikram University, Ujjain.
2. National Seminar on Recent Trends of Geoscientific Investigations in Narmada Valley, March 26-27, 1998, School of Studies in Geology, Vikram University, Ujjain.
3. XVII Indian Colloquium on Micropaleontology and Stratigraphy, January 27-29, 2000, School of Studies in Geology, Vikram University, Ujjain.
4. Scientific Discussion and Public Awareness Campaign, Earthquake- How safe is the Malwa region? February 16, 2001, Vikram University Science Research Promotion Cell and School of Studies in Geology.

Conferences / Seminars etc. Attended

Many conferences / seminars have been attended may be visualized from the list of papers published in seminar volumes or abstract volumes.

Research Projects

The following Projects are completed / on going.

Sl. No.	Name of the Research Project	Funding Agency	Project Amount	Name(s) of PI/ Co-PI	Status Completed/ongoing
01.	Age and Stratigraphic Model of Pali Formation of M.P.	MPCOST, Bhopal.	Rs. 60,000 +One part-time T.A. @ Rs. 800 p.m. for 03 years.	K. N. Singh	Incomplete- Outstation research facilities could not hire due to non-payment.
02.	Petrological and Geochemical Environment of Coals and Associated Sediments, Korba Coalfield, M.P. and south-eastern part of Ib-Valley coalfield, Orissa.	UGC minor research project, New Delhi.	Part payment Rs. 6,400/-	K. N. Singh	Completed
03.	Environmental assessment of Umaria-Korba and Ib-Valley coals of Son-Mahanadi Valley through organic petro-chemistry and trace element studies.	UGC , New Delhi major research scheme	Rs. 5,42,560/-	K. N. Singh	Completed
04.	Coal bed Methane Potentiality and Environmental vicissitude of Permian Coals of	UGC , New Delhi major research scheme	Rs 7 20 800/-	K. N. Singh	Sanctioned 2012 (To be started)

	Sonhat, Jhilimili and Bistrampur, South Eastern Coal fields of Chhattisgarh				

Awards and Distinctions

- * *Indian National Science Academy Fellowship award for 2003 - 04.*
- * *H. S. Pareek award by Geological Society of India, Bangalore, 2010.*
- * *Mentor, INSPIRE program; DST, New Delhi 2012.*
- * *Coordinator, Central India Region, International Earth Science Olympiad, DST New Delhi; organized by Manasgangotri; 2013.*

Association with Professional Bodies

Committees and Boards

Chairman, **Board of Studies Vikram University**, Ujjain, 2009- continue.

Member, **Board of faculty of Sciences Vikram University**, Ujjain. 2009.

Member, **Academic Council, Vikram University**, Ujjain-2010.

Ex-Chairman, **Central Board of Studies of M.P.** Bhopal 2009-2011.

Member various **Departmental Committees**.

Memberships :

- Life Member of **Geological Society of India**, Bangalore.
- Life Member of **Geological, Mining and Metallurgical Society of India**, Kolkata.
- Life Member of **South-Asian Association of Economic Geologists**, Dhanbad.
- Honorary Member of **The Geological Association and Research Centre**, Balaghat, M.P.
- Honorary member of **The Shilalipi**, Berhampur, Orissa.
- Member of **American Association for the Advancement of Science** for 2002.
- Executive body Member of **Vikram University Teacher's Association**.
- Member **Nagarik Cooperative Society**, Ujjain.

Other Activities

Research Interests

Expert member Research Committee of Central Institute of Mining & Fuel Research Dhanbad.

Survey Articles

Popular Article

Delivered Lectures: Awareness campaign for Earthquake amongst villagers of Barnagar area, Ujjain.

Forthcoming Research