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The Undergraduate Geology Department of the college played a significant role in the research, advisory and consultancy work at state as well as national level. My research work is published in the international and national journals of high impact factor. I have worked with earth scientists of national and international educational institutions.

My *h*-index on SCOPUS is 11 with more than 350 citations and 25 SCOPUS cited papers. On researchgate having 500 citations with 57 papers and 14 *h*-index.

**Award :**

Best Teacher Award, Rajasthan Government, 24.09.2018.

**Ph.D.**

Stratigraphy, structure and tectonic evolution of the metasediments and associated rocks of the Sirohi region. **1996** Geology Department, M.L.Sukhadia, University, Udaipur (Rajasthan)

**Projects**

**Latest**

1. Neoproterozoic Magmatism and Tectonics of NW Indian Block: Tracing the Rodinia Break-up, , Principal Field Co-ordinator, Project from 36<sup>th</sup> IGC 2020, Ministry of Mines and Ministry of Earth Sciences, GOI, New Delhi.

**Member**

1. Life Member and Fellow-Geological Society of India, Bangalore, India.
2. Life Member-Indian Trust for Art and Cultural Heritage, India, New Delhi, India
3. Life member-Indian Society of Applied Geochemists (ISAG), Hyderabad, India.
4. Fellow , The Society of Earth Scientists Office:C-207, Indira Nagar, Lucknow-226016(U.P.),India.
5. Member Draft State Higher Education Regulation Committee (2014-15)
6. Member, Committee of Courses, Geology Department, MLS University, Udaipur, 2017-2020.
7. Member, Academic Council, MLS University, Udaipur (2017-18 to 2019-20)
8. Member, State Level NSS Advisory Committee, DCE, Jaipur, (2017-18)

**PhD Supervisory Work**

Awarded -2

Working- 2

**Web Page on International Geoscience debated Concept**

- The Neoproterozoic Malani Magmatism, northwestern Indian shield:Not a plume product.  
<http://www.mantleplumes.org/malani.html>
- Cretaceous-Tertiary Tectono-Magmatism in the NW Indian shield: A fragmenting continent  
<http://www.mantleplumes.org/NWIndia.html>

**For citations and other details-**

[https://www.researchgate.net/profile/Kamal\\_Sharma20/stats](https://www.researchgate.net/profile/Kamal_Sharma20/stats)  
<https://www.scopus.com/authid/detail.uri?authorId=35582812700>  
<https://orcid.org/0000-0001-6635-6294>  
<http://scholar.google.co.in/citations?user=XJnzO8EAAAAJ&hl=en>

## **Book Review**

**KAMAL K. SHARMA (2007)** Geology and Tectonics of India: An Overview. M. N. Balasubrahmanyam. Memoir No. 9, International Association for Gondwana Research, Department of Natural Environmental Sciences, Kochi University, Akebono-cho 2-5-1, Kochi 780- 8520, Japan. 2006, 204 pp. Price Rs. 750., Current Science 95, No.5, p. 692.<http://www.ias.ac.in/currsci/mar102007/692.pdf>

## **Books Published (Co author)**

1. Text Book of Geology for class XI RBSE, Ajmer, Rajasthan 2016
2. Text Book of Geology for class XII RBSE, Ajmer, Rajasthan 2018

## **Published Papers**

1. Helga De Wall, Anette Regelous, Bernhard Schulz, Gregor Hahn, Michel Bestmann and Kamal Kant Sharma **2021** Neoproterozoic geodynamics in NW India - evidence from Erinpura granites in the South Delhi Fold Belt. INTERNATIONAL GEOLOGY REVIEW 1-31 <https://doi.org/10.1080/00206814.2021.1907623>
2. Jamuna Biswa, Kamal K Sharma, Ganga Biswa **2021** Precambrian Evolution and the Deformation Style in the Great Boundary Fault Zone around Chittorgarh, Rajasthan Journal of Scientific Research 65(01):10-16 DOI: 10.37398/JSR.2021.650102
3. Jamuna Biswa, Ritesh Purohit, Kamal K Sharma, Ganga Biswa **2021** Lithology and Structure of Aravalli Supergroup and Associated Rocks of Southwestern Part of Chittorgarh District, Rajasthan. Journal of Scientific Research 65(01):1-9 DOI: 10.37398/JSR.2021.650101
4. Joseph D'Souza, Hetu Sheth, Yigang Xu, Wencke Wegner, N. Prabhakar, Kamal Kant Sharma, Christian Koeber **2020** Neoarchean crustal reworking in the Aravalli Craton: petrogenesis and tectonometamorphic history of the Malola granite, Bhilwara area, northwestern India (2020) Geological Journal 1-25, 55:8186-8210
5. Ganga Biswa, Kamal K Sharma Ritesh Purohit, , Jamuna Biswa 2020, Structural, Lithological and Mineralogical Characteristics of Aravallis and Neighboring Areas: North-Western Part of Chittorgarh, Rajasthan Journal of Scientific Research 64(02):10-19 DOI: 10.37398/JSR.2020.640202
6. Lars Scharfenberg, Sebastian Jandausch, Lina Anetzberger, Anette Regelous, **Kamal K Sharma** and Helga De Wall (2019) Differences in natural gamma radiation characteristics of Erinpura and Malani granites in NW India. J. Earth Syst. Sci. Indian Academy of Sciences, pp 128-137. <https://doi.org/10.1007/s12040-019-1166-x>
7. Joseph D'Souza, , N. Prabhakar, Yigang Xu, **Kamal Kant Sharma**, Hetu Sheth (2019) Mesoarchean to Neoproterozoic (3.2–0.8 Ga) crustal growth and reworking in the Aravalli Craton, northwestern India: Insights from the Pur-Banera supracrustal belt Precambrian Research 332 (2019) pp 1-18. <https://doi.org/10.1016/j.precamres.2019.105383>
8. Helga de Wall, Manoj K. Pandit, Ines Donhauser, Stefan Schöbel,1, Wei Wang, **Kamal K. Sharma** (2018) Evolution and tectonic setting of the Malani – Nagarparkar Igneous Suite: a Neoproterozoic Silicic-dominated Large Igneous Province in NW India-SE Pakistan. Journal of Asian Earth Sciences 160 (2018) 136–158 <https://doi.org/10.1016/j.jseaes.2018.04.016>
9. Singh S.P., Sharma Kamal. K. and Agrawal V (2018) Hydrogeology and groundwater quality assessment of Abu Road and Sirohi blocks, District Sirohi,

10. **Singh S.P., Sharma K.K. and Agrawal V (2018)** Geology and fluvial geomorphologic characteristics of Sirohi and Abu road blocks, district Sirohi, Rajasthan. *Indian Journal of Applied Research*. volume-8| issue-4 april-2018 | issn - 2249-555x p 418-421
11. Schöbel S., Sharma Kamal K., Hörbrand T., Böhm T., Donhauser I and de Wall H (2017) Continental rift-setting and evolution of Neoproterozoic Sindreth Basin in NW-India. *J. Earth Syst. Sci.* 126:90 pp 1-17 DOI 10.1007/s12040-017-0855-6
12. Kapasiya H., Purohit R. and K.K. Sharma (2017) Lithostratigraphic, geochronological and depositional framework of the Morli –Khiwandi Precambrian metasediments of Sirohi and Pali district of Rajasthan *Indian Journal of Applied Research V - 7 | Issue - 6 | June - 2017 | ISSN - 2249-555X | IF : 4.894 | IC Value : 79.96*
13. Kapasya Harish, Sharma K. K., Purohi Ritesh, Chouhan N. K. (2017) Geology and Petrological Study of Metasediments Exposed Around Mordu and Khiwandi Village, Sirohi and Pali District, Rajasthan, India. *International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 5 Issue VI, June 2017, C Value: 45.98 ISSN: 2321-9653.*
14. Hetu Sheth, Kanchan Pande, Anjali Vijayan, Kamal Kant Sharma, Ciro Cucciniello (2017) Recurrent Early Cretaceous, Indo-Madagascar (89–86 Ma) and Deccan (66 Ma) alkaline magmatism in the Sarnu-Dandali complex, Rajasthan:  $^{40}\text{Ar}/^{39}\text{Ar}$  age evidence and geodynamic significance. *Lithos* 284–285 (2017) 512–524
15. Kanchan Pande · Ciro Cucciniello · Hetu Sheth · Anjali Vijayan · **Kamal Kant Sharma** · Ritesh Purohit · K. C. Jagadeesan · Sapna Shinde (2017) Polychronous (Early Cretaceous to Palaeogene) emplacement of the Mundwara alkaline complex, Rajasthan, India:  $^{40}\text{Ar}/^{39}\text{Ar}$  geochronology, petrochemistry and geodynamics *Int J Earth Sci (Geol Rundsch)* 106:1487–1504. DOI 10.1007/s00531-016-1362-8.
16. Anjali Vijayan, Hetu Sheth, **Kamal Kant Sharma (2016)** Tectonic significance of dykes in the Sarnu-Dandali alkaline complex, Rajasthan, northwestern Deccan Traps. *Geoscience Frontiers* (7). pp 783-791.
17. Lars Scharfenberg, Helga de Wall, Stefan Schöbel, Alexander Minor, Marcel Maurer, Manoj K. Pandit, Kamal K. Sharma (2015) *In situ* gamma radiation measurements in the Neoproterozoic rocks of Sirohi region, NW India. *J. Earth Syst. Sci.* 124, No. 6, August 2015, pp. 1223...1234
18. Helga de Wall; Manoj K Pandit; Kamal K Sharma; Stefan Schöbel; Jana Just, (2014) Deformation and granite intrusion in the Sirohi area, SW Rajasthan - constraints on Cryogenian to Pan-African crustal dynamics of NW India: *Precambrian Research* 254 pp 1–18. <http://dx.doi.org/10.1016/j.precamres.2014.07.025>
19. Kamal Kant Sharma (2013) Belka Pahar Wollastonite Deposit: A significant georesource of Rajasthan. Accepted for the “Georesources” Eds Srivastva, K.L.; Arun Kumar; Sinha, A.K. Editors: K.L. Shrivastava, Arun Kumar, pp.133-139
20. Archisman Sen, Kanchan Pande, Ernst Hegner, **Kamal Kant Sharma**, A.M. Dayal, Hetu C. Sheth, Harish Mistry (2013) An Ediacaran-Cambrian thermal imprint in Rajasthan, western India: Evidence from  $^{40}\text{Ar}/^{39}\text{Ar}$  geochronology of the Sindreth volcanics. *J. Earth Syst. Sci.* 122, No. 6, December 2013, pp. 1477–1493
21. Ritesh Purohit, Dominic Papineau, Alfred Kröner, Kamal K. Sharma, A.B. Roy (2012) Carbon Isotope Geochemistry And Geochronological Constraints Of The Neoproterozoic Sirohi Group From Northwest India. *Precambrian Research* 220– 221 pp 80– 90. <http://www.sciencedirect.com/science/article/pii/S0301926812001957>

22. Archisman Sen, Kanchan Pande, Ernst Hegner, Kamal Kant Sharma, A.M. Dayal, Hetu C. Sheth, Harish Mistry (2012) Deccan volcanism in Rajasthan: 40Ar-39Ar geochronology and geochemistry of the Tavidar volcanic suite. *Journal of Asian Earth Sciences* 59 (2012) 127–140. <http://dx.doi.org/10.1016/j.jseaes.2012.07.021>
23. Kamal Kant Sharma (2012) Discussion on - Tectono-Metamorphic and Geochronologic Studies from Sandmata Complex, Northwest Indian Shield: Implications on Exhumation of Late-Palaeoproterozoic Granulites in an Archaean-early Palaeoproterozoic Granite-Gneiss Terrane. *Jour. Geol. Soc. India*, v. 80 (2), pp 291-292. <http://www.geosocindia.org/contents/2012/aug/p291-292.pdf>
24. M K Pandit, H de Wall, H Daxberger, J Just, M Bestmann and K K Sharma (2011) Mafic rocks from Erinpura gneiss terrane in the Sirohi region: Possible ocean-floor remnants in the foreland of the Delhi Fold Belt, NW India *J. Earth Syst. Sci.* 120, No. 4, August 2011, pp. 627–641. <http://www.ias.ac.in/jess/aug2011/627.pdf>
25. Kamal K Sharma (2011) Discussion on -Seismic signatures of a Proterozoic thermal plume below southwestern part of the Cuddapah basin, Dharwar craton. *JOUR.GEOL.SOC.INDIA*, VOL.77, MAY2011, pp 485-487. <http://www.geosocindia.org/abstracts/2011/may/Discussion.pdf>
26. **Kamal K. Sharma (2010)** Tectonic evolution of Hydrocarbon bearing Barmer basin, Rajasthan. National Seminar volume, Geology, Genesis and Resource Analysis of Metallic, non Metallic and Energy Minerals. Ed. M.S. Shekhawat, Dept. of Geology, MLS University, Udaipur, pp 119-123.
27. **Kamal K. Sharma and Ritesh Purohit (2010)** Significance of ultramafic magmatism in Precambrian crustal evolution of south Rajasthan, NW Indian shield. *Journal of Applied Geochemistry*, V 12(1), pp 28-37.
28. Helga de Wall, Stefan Schöbel, Manoj K. Pandit, Kamal K. Sharma, J. Just (2010) A record of ductile syn-intrusional fabrics to post solidification cataclasis: Magnetic fabric analysis of Mirpur and Mt. Abu Granitoids, Malani Igneous Suite, NW India. *Geological Society of India, Bangalore*. V. 75 (1) pp 226-240. <http://www.geosocindia.org/abstracts/2010/jan/a19.pdf>
29. Pandit M. K., Sharma Kamal K., Sial A.N. and Ferreira V. P. (2009) C- and O-isotopic characteristics of Neoproterozoic Sirohi Group meta-carbonates in NW India and their palaeoclimatic implications. *CURRENT SCIENCE*, VOL. 97, NO. 2, 25 JULY 2009. pp 246-251. <http://www.ias.ac.in/currsci/jul252009/246.pdf>
30. Sharma Kamal K. (2009) Discussion on -Saraswati Nadi in Haryana and its Linkage with the Vedic Saraswati River – Integrated Study Based on Satellite Images and Ground Based Information *Jour. Geol. Soc. India*, v. 73(6). pp.875-877. <http://www.geosocindia.org/abstracts/2009/june/d1.pdf>
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32. Sharma Kamal K. and Ritsh Purohit (2008) Discussion on-Geographical Location of Vedic Irina in Southern Rajasthan. *Jour. Geol. Soc. India*, v. 71(2). pp. 292. <http://www.geosocindia.org/abstracts/2008/feb/d3.pdf>
33. **R. Purohit, Kamal K. Sharma and Prakshal Mehta (2007)** Review of tectonostratigraphic status of Amet ‘Undeformed Komatiite’ from South Rajasthan: Implications from new geochemical data. *Indian Journal of Applied Geochemistry*, 22 (2) 413-418.
34. **Sharma Kamal K. (2007)** Discussion on- K-T magmatism and basin tectonism of western Rajasthan, India: results from extensional tectonics and not from Reunion plume activity. *In Foulger, G.R., and Jurdy, D.M., eds., Plates, plumes, and planetary*

- processes: Geological Society of America Special Paper 430, p. 783, doi: 10.1130/2007.2430(35).
35. **Sharma Kamal K. (2007)** Discussion on- Nd and Sr isotope systematics and geochemistry of a plume-related Early Cretaceous alkaline-mafic-ultramafic igneous complex from Jasra, Shillong plateau, northeastern India, *in* Foulger, G.R., and Jurdy, D.M., eds., Plates, plumes, and planetary processes: Geological Society of America Special Paper 430, p. 828–830, doi: 10.1130/2007.2430(37).
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  37. Sharma Kamal K., (2007) Discussion on –“Petrology and Geochemistry of the Mount Abu granites, southwestern Rajasthan. *Jour. Geol. Soc. India*, v 69(6),1372-1375. <http://www.geosocindia.org/june07.aspx>
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  41. **Sharma Kamal K. (2004)** Geological Setting of the Balda (Sirohi) Tungsten Deposit, Rajasthan. *Journal of Applied Geochemistry*, v. 6(2), pp 213-220.
  42. Sharma Kamal K. and Ritesh Purohit (2003) Discussion on- “Current Seismicity in Northern Maharashtra and Southern Gujarat: Implications of Plume Tectonics. *Jour. Geol. Soc. India*, v. 61(5). pp. 631-632. <http://www.geosocindia.org/may03.aspx/>
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  44. Kaushik S., Kumar V., **Sharma K.K., (1994)** Drinking water status of Sirohi Town Problems and Solutions. *Water Resource Management Ed. N.L. Gupta, Rawat Pub. Jaipur, pp 321-329.*