



VIVESH VIR KAPUR

SCIENTIST - 'D'

RESEARCH INTERESTS

Mesozoic-Cenozoic faunal remains in the context of origin, evolution, palaeoecology, palaeoenvironment, and biostratigraphy while highlighting the historical biogeographic aspects in a changing climatic and geodynamic setting linked to India-Eurasia collision. Study ichnofossils (e.g., coprolites) to decipher dietary habits of pre-historic fauna and to reconstruct surrounding habitats

MAIN INTERESTS

- ✓ Vertebrate Palaeontology
- ✓ Origin and Evolution of fossil mammals
- ✓ Palaeofaeces (coprolites)
- ✓ Palaeobiogeography
- ✓ Palaeoecology
- ✓ Palaeoenvironment
- ✓ Science writing, editing, & reviewing

REACH ME AT

0091-9554430666

viveshkapur@gmail.com

viveshvir_kapur@bsip.res.in

https://www.researchgate.net/profile/Vivesh_Kapur

<https://www.linkedin.com/in/vivesh-v-kapur-9b185119>

53, University Road, Lucknow,
Uttar Pradesh 226007,
INDIA

Interested to hear from candidates who want to pursue Ph.D. Just drop me an email.

ACADEMIC HISTORY

Doctor of Philosophy - Ph.D. (Palaeontology/Geology)
October 2006 - Department of Earth Sciences, Indian Institute of Technology Roorkee, Uttarakhand, INDIA

M.Sc. (Honours School) in Geology

September 2002 - Centre of Advanced Studies in Geology, Panjab University, Chandigarh (U.T.), INDIA

B.Sc. (Honours School) in Geology

July 2000 - Centre for Advanced Studies in Geology, Panjab University, Chandigarh (U.T.), INDIA

RESEARCH/TEACHING CAREER

SCIENTIST - 'D'

January 2021 to present - Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh, INDIA

SCIENTIST - 'C'

January 2017 to December 2020 - Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh, INDIA

SCIENTIST - 'B'

October 2013 to December 2016 - Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh, INDIA

YOUNG SCIENTIST - DST PROJECT

July 2013 to October 2013 - Department of Geology, Centre for Advanced Studies, University of Delhi, Delhi, INDIA

ASSISTANT PROFESSOR (On Contract)

August 2011 to September 2011 - Department of Geology, Centre for Advanced Studies, Kurukshetra University, Haryana, INDIA

SENIOR RESEARCH FELLOW (CSIR)

March 2006 to October 2006 - Department of Earth Sciences, Indian Institute of Technology Roorkee, Uttarakhand, INDIA

JUNIOR RESEARCH FELLOW (DST)

January 2003 to March 2006 - Department of Earth Sciences, Indian Institute of Technology Roorkee, Uttarakhand, INDIA

INDUSTRY CAREER

GEOLOGIST

September 2008 to April 2011 & October 2011 to July 2013 - Geotechnical Observations Limited, Surrey, UNITED KINGDOM

GEOLOGIST

December 2006 to October 2007 - Fugro Geotech Limited, Mumbai, INDIA

SPONSORED PROJECTS

PRINCIPAL INVESTIGATOR

January 2020 onwards - Science and Engineering Research Board (SERB) sponsored Core Research Grant (CRG) project titled "*Palaeodietary habit(s) in deep time, linkages to producer taxa, and palaeoenvironmental inferences utilizing Mesozoic-Cenozoic fossilized faecal matter (coprolites) from India*"

PRINCIPAL INVESTIGATOR

July 2013 to March 2017 - Science and Engineering Research Board (SERB) sponsored Fast Track Project titled "Palaeogene vertebrate fauna from lignite-associated sedimentary sequences of western India: investigations of evolutionary and biogeographic aspects".

RECENT PUBLICATIONS

Kapur, V.V., García Yelo, B.A., and Morthekai, P. (2020). Cenogram analyses as habitat indicators for the Paleogene-Neogene mammalian communities across the globe, with an emphasis on the early Eocene Cambay Shale mammalian community from India. *Journal of Iberian Geology*. DOI: 10.1007/s41513-020-00131-2.

Kapur, V.V. (2020). Size variation amongst non-volant mammals from the Early Eocene Cambay Shale deposits of western India: Paleobiogeographic implications. In: Prasad, G.V.R. and Pattnaik, R. (Eds.). *Biological Consequences of Plate Tectonics: New Perspectives on Post-Gondwanaland Break-up - A Tribute to Ashok Sahni*. Vertebrate Paleobiology and Paleoanthropology, Springer International Publishing, Springer Nature Switzerland AG. DOI: 10.1007/978-3-030-49753-8.

Kapur, V.V., Kumar, K., Morthekai, P., and Chaddha, A. S. (2020). Palaeodiet of Miocene producer(s) and depositional environment(s): inferences from the first evidence on microcoprolites from India. *Acta Geologica Sinica - English Edition*. 94(5): 1574-1590. DOI: 10.1111/1755-6724.14293.

Shah, S.K., Kapur V.V., Manoj, M.C., Srivastava, J., and Prasad, V. (2020) Recent Advancement(s) at the Birbal Sahni Institute of Palaeosciences, Lucknow: An Overview. *Proceedings Indian National Science Academy (PINSIA)*. 86(1).

Bajpai, S. and Kapur V.V. (2020). India's geodynamic evolution during the Eocene: perspectives on the origin and early evolution of modern mammal orders. *Episodes*. 43(1): 489-497. DOI:10.18814/epiugs/2020/020031.

Kapur, V.V., Pickford, M., Chauhan, G., and Thakkar, M.G. (2019). A Middle Miocene (~14 Ma) vertebrate assemblage from Palasava, Rapar Taluka, Kutch (Kachchh) District, Gujarat State, western India. *Historical Biology*. DOI: 10.1080/08912963.2019.1648451.

Kapur, V.V., Khosla, A. and Tiwari, N. (2019). Paleoenvironmental and paleobiogeographical implications of the microfossil assemblage from the Late Cretaceous intertrappean beds of the Manawar area, District Dhar, Madhya Pradesh, Central India. *Historical Biology*. 31(9):1145-1160. DOI:10.1080/08912963.2018.1425408.

Kapur, V.V. and Khosla, A. (2019). Faunal elements from the Deccan volcano-sedimentary sequences of India: a reappraisal of biostratigraphic, palaeoecologic, and palaeobiogeographic aspects. *Geological Journal*. 54:2797-2828. DOI: 10.1002/gj.3379.

Retallack, G.J., Bajpai, S., Liu, X., Kapur, V.V. and Pandey, S. K. (2018). Advent of Strong South Asian Monsoon by 20 Million Years Ago. *The Journal of Geology*. 126: 1-24.

Kapur, V.V., Das, D.P., Bajpai, S. and Prasad, G.V.R. (2017). Corrigendum to "First mammal of Gondwanan lineage in the early Eocene of India" [C.R. Palevol, Kapur et al. 16 (2017)]. *Comptes Rendus Palevol*. 16: 820.

Kapur, V.V., Das, D.P., Bajpai, S. and Prasad, G.V.R. (2017). First mammal of Gondwanan lineage in the early Eocene of India. *Comptes Rendus Palevol*. 16: 721-737.

Agarwal, S., Verma, P., Rao, M.R., Garg, R., Kapur, V.V. and Bajpai, S. (2017). Lignite deposits of the Kutch Basin, western India: carbon isotopic and palynological signatures of the early Eocene hyperthermal event ETM2. *Journal of Asian Earth Sciences*. 146: 296-303.

Kapur, V.V. (2017). Digital imaging and computed tomography. *Current Science*. 112(7): 1317.

Kapur, V.V. and Khosla, A. (2016). Late Cretaceous terrestrial biota from India with special references to vertebrates and their implications for biogeographic connections. In: Khosla, A. and Lucas, S.G., eds., *Cretaceous Period: Biotic Diversity and Biogeography*. New Mexico Museum of Natural History and Science Bulletin 71. pp. 161-172.

Kapur, V.V. and Bajpai, S. (2015). Oldest South Asian tapiromorph (Perissodactyla, Mammalia) from the Cambay Shale Formation, western India, with comments on its phylogenetic position and biogeographic implications. *The Palaeobotanist*. 64: 95-103.

Kapur, V.V., Pandey, S.K. and Mishra, S.R. (2015). Palaeogene of the Indian Subcontinent. *Current Science*. 109 (5): 848-849.

AWARDS & RECOGNITIONS

2020 - Honorary Appreciation Certificate for being an active member of the BSIPs Covid-19 Testing Facility during the lockdown period.

2017 - Sharda Chandra Gold Medal by the Palaeontological Society of India for outstanding contributions on Indian Palaeontology.

2006 - Senior Research Fellowship - CSIR (Council of Scientific and Industrial Research, Govt. of India.

2006 - Third prize in Podium Presentation at Indian Institute of Technology Roorkee, India for presenting research work.

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2003 - Qualified joint (CSIR-UGC) National Eligibility Test (NET) for Lectureship.

2002 - University Medal and Distinction in M.Sc. (Honours School) Geology Examination, Panjab University, India.

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2000 - University Medal in B.Sc. (Honours School) Geology Examination, Panjab University, India.

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2000 - M. N. Bose Prize in Paleontology, Panjab University, Chandigarh, India.

2014 - "Climate Science Training Program" at Divecha Centre for Climate Science, Indian Institute of Science (IISc) Bangalore, INDIA

2010 - "Geological Data Management" at Keynetix Limited, Systems House, Redditch, UNITED KINGDOM

2010 - "Stratigraphy of the Lambeth Group of London" at Geotechnical Consulting Group, London, United Kingdom

2005 - "Analytical Methods in Studying Fossils" at Northeastern Ohio Universities College of Medicine, Rootstown, Ohio, USA

PROFESSIONAL ORGANIZATIONS

2016 - Life Member: The Palaeobotanical Society, Lucknow, INDIA

2011 - Fellow Member: The Geological Society of London, UNITED KINGDOM

2005 - Life Member: The Palaeontological Society of India, Lucknow, INDIA

EDITORIAL RESPONSIBILITIES

EDITOR

January 2016 to December 2018 (Full tenure) - Geophytology journal of The Palaeobotanical Society of India

TRAINING PROGRAMMES ATTENDED

2020 - "International Code of Nomenclature (ICN) Rules & Recommendations" at Birbal Sahni Institute of Palaeosciences, Lucknow, INDIA

2016 - "Digital Imaging and Computed Tomography" at Technical Solutions Centre, General Electric (GE), Pune, Maharashtra, INDIA