

Bio-data

Name: Dr. Suresh Kumar

Designation: Assistant Professor

Date of Birth: 28.01.1976

Father's Name: Sh. Hardyal Chand Rahi

Mother's Name : Smt. Raj Rani

Nationality: Indian

Address: Department of Anthropology,
HNB Garhwal, Srinagar, Garhwal -246174
Mob: 9779078437

Email: sureshmalhotra76@yahoo.co.in



Educational Qualification:

2009 Ph.D. in Anthropology (Faculty of Science) entitled “ *Mammalian Palaeontology and Palaeoecological Analysis of Upper Siwalik Deposits Exposed in the Northwest-Northeast of Narainagarh(Haryana)*” from the Department of Anthropology, Panjab University, Chandigarh.

Supervisors: Prof. Rajan Gaur

Prof. R.N. Vashishat (Co- supervisor)

Department of Anthropology, Panjab University, Chandigarh

2000 M.Sc (Hon's) in Anthropology (Physical Anthropology), from the Department of Anthropology, Panjab University, Chandigarh.

1997 B.Sc (Medical) from Panjab University, Chandigarh.

Professional Experience:

- 1) Worked as **Assistant Professor** (Guest Faculty) in the Department of Anthropology, Panjab University, Chandigarh from **2014 -2017**.
- 2) Worked as **Post-doctoral Project Associate** in UGC major Project entitled “*Search for Mio- Pliocene Primates and other Mammalia in the Siwaliks of Northwest India*” Panjab University, Chandigarh from **2011-2014**.
- 3) Worked as **Guest Faculty** in the Department of Anthropology, Panjab University, Chandigarh from **2010-2011**.
- 4) Worked as **Project Fellow UGC (SAP)** project entitled “ *Palaeoanthropological Investigations of Siwaliks*” in the Department of Anthropology, Panjab University, Chandigarh from **2005-2009**.
- 5) Worked as **Senior Research Fellow** in Project entitled "*Facial Reconstruction on Skulls*" in ICMR funded project in the Department of Anatomy, **PGIMER**, Chandigarh from **2002-2005**.

Research Area of Specialization: Palaeoanthropology

Research Interest: Physical Anthropology, Palaeoanthropology, Palaeoecology, Archaeological Anthropology, Human Osteology and Growth and Nutrition.

Achievements:

- 1) “*Young Scientist Award*” in 13th **Punjab Science Academy** held at Panjab University, Chandigarh.
 - 2) Discovered several new and first report of fossil specimens such as *Potamochoerus*, *Sus*, *Anancus*, *Sivalhippus*, *Equus*, *Cervus*, *Sivatherium*, *Antilope*, *Gazella*, and *Dorcatherium*, which are first record from the Upper Siwaliks of India.
 - 3) Discovered new fossil bearing locality such as **Gobindpur, Masumpur, Dharmpur Bera and Kotla** from the Upper Siwaliks of India.
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List of Published Papers(Peer reviewed):

Research Papers Published: 14

- a) International: 2
 - b) National: 12
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International European Journals: 2

2022 Suresh Kumar. New Fossils of *Sivatherium giganteum* (Giraffidae, Mammalia) from the Upper Siwaliks of the Indian subcontinent, *Acta Palaeontologica Romaniaae*.18 (2):85-92. (ISSN: 2248-3802; IF: 0.90)

2013 Suresh Kumar and Rajan Gaur. First record of Maxillary dentition of *Potamochoerus theobaldi* (Suidae, Mammalia) from the Siwaliks of India, *Rivista Italiana di Paleontologia e Stratigrafia*. 119 (1): 57-63. (ISSN: 0035-6883; IF: 1.929)

National Journals : 12

- 2016 Suresh Kumar** and Rajan Gaur. *Camelus sivalensis* (Camelidea, Artiodactyla), from the Tatrot Formation of Upper Siwaiks. *Journal Punjab Academy of Sciences* 15&16(1&2):66-68. (ISSN: 2229-7014)
- 2015 Suresh Kumar** and Rajan Gaur. *Leptobos* (Bovidae, Artiodactyla) from The Tatrot Formation of The Upper Siwaliks of The Indian Subcontinent. *Indian Journal Physical Anthropology & Human Genetics* 34(1): 131-139. (ISSN: 0378-8156)
- 2014 Suresh Kumar**, Rajan Gaur and Abhik Ghosh. First Record of the Genus *Equus* from the Tatrot Formation of Upper Siwaliks of The Indian Subcontinent. *Indian Journal Physical Anthropology & Human Genetics* 33(2): 199-207. (ISSN: 0378-8156)
- 2014 Suresh Kumar**. First record of *Cervus* (Cervidae, Mammalia) from the Tatrot Formation of Upper Siwaliks of the Indian Subcontinent. *Journal Punjab Academy of Sciences* 11&12(1&2): 81-82. (ISSN: 2229-7014)
- 2014 Suresh Kumar**. Diversity of fossil mammals and their palaeoecology from the Upper Siwaliks exposed northwest and northeast of Naraingarh (Haryana). *Science, Technology and Environment: Perspectives and Trends*. pp.155-165. (ISBN: 978-81-929146-0-2)
- 2014 Rajan Gaur**, Mankiran Veer, Pankaj Soni, **Suresh Kumar** and Kavita Jarodia. Somatotype characteristic of Adolescent Boys of Shimla (Himachal Pradesh). *Science, Technology and Environment: Perspectives and Trends*. pp.71-80. (ISBN: 978-81-929146-0-2)
- 2013 Suresh Kumar** and Rajan Gaur. First record of *Gazella lydekkeri* from the Tatrot Formation of Upper Siwalik of the Indian Subcontinent. *Journal of Palaeontological Society of India*.58 (2): 259-261. (ISSN: 0522-9630; IF: 0.02)
- 2013 Rajan Gaur**, Isha Angrish, Savita Rani, **Suresh Kumar**, Kavita Jarodia and Richa Aeri. Determination of Sex from Scalp Hair Micro-Morphology of North Indians. *Indian Journal Physical Anthropology & Human Genetics*.32 (2): 283-28. (ISSN: 0378-8156)
- 2013 Rajan Gaur**, Kanwaljeet Kaur, Richa Aeri, Kavita Jarodia, Rupal Sood and **Suresh Kumar**. Stature Estimation from Percutaneous Lengths of Radius of Scheduled caste individuals of Naraingarh area of Haryana. *Indian Journal Physical Anthropology & Human Genetics*. 32 (2): 329-342. (ISSN: 0378-8156)

- 2012** Rajan Gaur, Richa Aeri, Kiran Saini, Gurpreet Boparai, Meenu Lakhanpal, Mohammad Reza Egdhami and **Suresh Kumar**. Body mass Index in relation to Permanent tooth emergence among Rajputs of Himachal Pradesh. *Indian Journal Physical Anthropology & Human Genetics*. 31 (1): 25-37. (ISSN: 0378- 8156)
- 2012** Rajan Gaur, Kiran Saini, Gurpreet Boparai, **Suresh Kumar** and Richa Aeri . Growth, Oral hygiene and emergence of permanent dentition among 5-14 Year old Rajput children of Solan District of Himachal Pradesh. *Human Biology Review* 1(1):84-99. (ISSN: 2277- 4424)
- 2007** Rajan Gaur, **Suresh Kumar**, Navneet Pal Kaur and Naveen Sharma. Growth and Nutritional Status of Adolescent Jat Girls of Jind District of Haryana. *Journal Punjab Academy of Sciences* 4(1&2): 131-136. (ISSN: 2229-7014)
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Chapters in Book:

- 2014 Suresh Kumar**. Diversity of fossil mammals and their palaeoecology from the Upper Siwaliks exposed northwest and northeast of Narainagarh (Haryana), pp.155-165.
- 2014 Suresh Kumar**. Somatotype characteristics of adolescent boys of Shimla (Himachal Pradesh), pp.71-80.
- Title of Book:** Science and Technology and Environment: Perspectives and Trends.
(ISBN: 978-81-929146-0-2)
- 2010** Rajan Gaur, Teena Singal and **Suresh Kumar**. Nutritional status and Oral Hygiene of Rajput Boys of Theog Area, Himachal Pradesh, in relation to Permanent tooth emergence, pp.71-82.
- Title of book:** Studies on Bio-Medical Anthropology: Profiles of Health Cultures.
(ISBN: 9788173053726)
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Published Books: 2

- 2022 Suresh Kumar**. Palaeoanthropology MCQ with Answers, Independently published (KDP, Amazon), 154pp. (ISBN -13 : 979-8839424050)
- 2022 Suresh Kumar**. MCQ of Prehistoric Archaeology, Independently published (KDP, Amazon), 122pp. (ISBN-13 : 979-8836738747)
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Papers Presented in Conference:

2012 Suresh Kumar. First record of *Dorcatherium minus* from the Tatrot Formation of the Upper Siwaliks exposed in the northeast of Narainagarh (Haryana). *National Symposium on Shaping India's Future: Role of Anthropology and Psychology*, March 26-27, 2012, Panjab University, Chandigarh.

2010 Suresh Kumar. Diversity of Fossil Mammals and their Palaeoecology from the Upper Siwaliks exposed in the northwest and northeast of Naraingarh (Haryana). *13th Punjab Science Congress*, February 7-9, 2010, Panjab University, Chandigarh.

2010 Suresh Kumar and Rajan Gaur. First record of *Gazella lydekkeri* from the Tatrot Formation of the Upper Siwaliks exposed in the northwest and northeast of Naraingarh (Haryana). *13th Punjab Science Congress*, February 7-9, 2010, Panjab University, Chandigarh.

2009 Suresh Kumar. Estimation of Palaeodiets from Fossil Mammalian Teeth and their Palaeoanthropological significance (**Oral presentation**). *3rd Chandigarh Science Congress (CHASCON)* held on 26-28 February, 2009, Panjab University, Chandigarh.

2008 Suresh Kumar. Role of Fossil Mammalian Teeth and their role in Palaeoanthropology (**Oral Presentation**). *2nd Chandigarh Science Congress (CHASCON)* held on 14-15 March, 2008, Panjab University, Chandigarh.

Published Abstracts:

- 1) **2010 Suresh Kumar.** Diversity of Fossil Mammals and their Palaeoecology from the Upper Siwaliks exposed in the northwest and northeast of Naraingarh (Haryana). *13th Punjab Science Congress*, held at Panjab University, Chandigarh.
- 2) **2010 Suresh Kumar** and Rajan Gaur. First record of *Gazella lydekkeri* from the Tatrot Formation of the Upper Siwaliks exposed in the northwest and northeast of Naraingarh (Haryana). *13th Punjab Science Congress*, held at Panjab University, Chandigarh.
- 3) **2009 Suresh Kumar.** Estimation of Palaeodiets from Fossil Mammalian Teeth and their Palaeoanthropological significance. *3rd Chandigarh Science Congress (CHASCON)*, held at Panjab University, Chandigarh.

- 4) **2008 Suresh Kumar.** Role of Fossil Mammalian Teeth and their role in Palaeoanthropology. *2nd Chandigarh Science Congress (CHASCON)*, held at Panjab University, Chandigarh.
 - 5) **2003** Daisy Sahni, Indar Jit Dewan, Madhur Gupta, Sanjeev, Paramjeet Singh, Sudha Suri and **Suresh Kumar.** Use of MRI for measuring Human Facial soft tissue thickness: *Proceeding of XIV All India Forensic Science Conference, held at Mumbai.*
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Seminar and Conference Participated:

- 1) **2018** Participated and **delivered** an **invited key lecture** in “*National Workshop on Perspective in Palaeoanthropology and Human Evolution: Concepts, Methods issues*” February **6-9**, held at the Department of Anthropology, Panjab University, Chandigarh.
- 2) **2012** Participated and presented paper in “*National Symposium on Shaping India’s Future: Role of Anthropology and Psychology*”, March 26-27, held at Department of Anthropology, Panjab University, Chandigarh.
- 3) **2011** Participated in the “*National Seminar on Globalisation, Urbanization and Migration: Anthropological Dimensions of Trends and Impacts*”, January 27th -28th, held at Department of Anthropology, Panjab University, Chandigarh.
- 4) **2010** Participated in Paper presentation for ‘Young Scientist Award’ in the *13th Punjab Science Congress*, February 7th -9th, held at Panjab University, Chandigarh.
- 5) **2010** Participated in Poster presentation in the *13th Punjab Science Congress*, February 7th-9th, held at Panjab University, Chandigarh.
- 6) **2009** Participated in poster presentation in the "*National Seminar on Darwin, Science and Anthropology*", March 16th -17th, held at Panjab University, Chandigarh.
- 7) **2009** Participated in Poster presentation of Anthropology section in the *3rd Chandigarh Science Congress (CHASCON)*, February 26th -28th, held at Panjab University, Chandigarh.
- 8) **2008** Participated in Poster presentation of Anthropology section in the *2nd Chandigarh Science Congress (CHASCON)*, March 14th-15th, held at Panjab University, Chandigarh.

- 9) **2005** Participated in the "*National Workshop on Perspectives in Palaeoanthropology: Methods and Conceptual Issues*", March 15th -17th, held at Department of Anthropology, Panjab University, Chandigarh.
 - 10) **2005** Participated in the "*National Seminar on Human Genetics, Health and Ethics in Research: Anthropological Perspectives*", February 15th -16th, held at Department of Anthropology, Panjab University, Chandigarh.
 - 11) **2005**. Participated in "*INDO-US CME on HIV/AIDS & Symposium on Recent Advance in AIDS Research*"(collaboration of PGIMER and New York University School of Medicine, New York), January 9th -10th, held at PGIMER, Chandigarh.
 - 12) **2003** Participated in "*Symposium cum CME on Recent Advances in Anatomy*" (Ist Annual Meeting of North Indian Federation), October 4th -5th, held at Department of Anatomy, PGIMER, Chandigarh.
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