
Dr. Pankaj Singh

Assistant Professor

Department of Archaeology
and Ancient Indian Culture

Tripura University

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Education

- Awarded Ph.D. on 27 June 2017 from Indian Institute of Technology Guwahati and the thesis' title is "Provenance Study of the Archaeological Pottery of Northeast India".
 - Qualified UGC-NET in 2007 in Archaeology.
 - Passed Post graduation in 2007 from University of Allahabad in AHC & Archaeology.
 - Passed Bachelor of Arts in 2005 from University of Allahabad in AHC & Archaeology and Political Science.
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Research Interest

- Scientific Study of Archaeological Pottery
 - Archaeometric analysis
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Invited Lecture

1. Delivered a lecture on "**Scientific Analysis of Ancient Pottery from Sri Sri Suryapahar**". Weekly Academic Lecture (SOAWAL), organized by Department of Civil Engineering, Siksha 'O' Anusandhan, 04 April, 2023.
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Member of Editorial Board/ Reviewer

1. Become *Editorial Board Member* in '**International Journal of Archaeology**' (ISSN: 2330-7587 – Print; ISSN: 2330-7595 – Online).
2. Become *Editorial Board Member* in '**Humanities and Social Sciences (HSS)**' (ISSN: 2330-8176 – Print; ISSN: 2330-8184 – Online).
3. Reviewed an article of '**Quantum Beam Science**' entitled "*Application of Laser-Induced Breakdown Spectroscopy for Quantitative Analysis of the Chemical Composition of the Historical Lead-Silicate Glasses*", May-June 2023.

4. Reviewed an article of '**Heritage Science**' entitled "*Pottery production and trades in south-eastern India: new insights from Alagankulam and Keeladi excavation sites*", April-May 2020.
 5. Reviewed research paper of '**Asian Research Journal of Arts & Social Sciences**' entitled "*Documentation of Some Identified Traditional Pottery Decorative Techniques in Northern Ghana*", June 2018.
 6. Reviewed research paper of '**International Journal of Experimental Spectroscopic Techniques**' entitled "*Spectroscopic approach for characterization of archaeological potsherds excavated from some Neolithic sites from Sudan*", May 2018.
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Journal Citation Reports (JCR) Certification Series

1. Completed the '**Journal Citation Reports (JCR) Certification Series-2021**', June 2021.
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Faculty Development Program

1. Completed two weeks faculty development programme on '**Application of New Media Technology and Communication Skill in Teaching**', 27 July 2020 to 10 August 2020.
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Publications

1. **Singh, Pankaj**, Sharma Sukanya, Laskar J. (September, 2023), "**Thin Section Petrography of Neolithic pottery from Northeast India**", '*Journal of Neolithic Archaeology-25*' (ISSN: 2197-649X) doi 10.12766/jna.2023.5.
2. Pandey Ashutosh, **Singh Pankaj**, (2019) "**Gupt Kalin Samajik Sanrachana ke badalte Aayam: Aatmsaatikaran va Samanvay ke Sandarbh mein**" *Shodh Drishti (An International Peer Reviewed Refereed Research Journal)* Vol. 10, No. 7.2, pp. 193-198 (ISSN: 0976-6650).
3. **Singh Pankaj**, Mal Eshita, Khare Alike, Sharma Sukanya, (2018) "**A study of Archaeological Pottery of Northeast India using Laser Induced Breakdown Spectroscopy (LIBS)**", *Journal of Cultural Heritage-33*, pp. 71-82 (ISSN:1296-2074) <https://doi.org/10.1016/j.culher.2018.03.011>.
4. Sharma Sukanya, **Singh Pankaj**, (2017) "**Luminescence Dating of Neolithic Pottery in Northeast India**", *Current Science Vol. 113, No. 3*, pp. 492-496 (ISSN: 0011-3891; Impact factor: 0.843) doi:10.18520/cs/v113/i03/492-496.
5. **Singh, Pankaj**, Sharma, Sukanya, (2016), "**Thermal and Spectroscopic characterization of archaeological pottery from Ambari, Assam**" *Journal of Archaeological Science: Report-5*, pp. 557-563 (ISSN: 2352-409X; SJR: 0.57) <http://dx.doi.org/10.1016/j.jasrep.2016.01.002>.

6. **Singh Pankaj**, (2015), “**Ancient Pottery of Assam: A Study**” ‘*Anusilana: Research Journal of Indian Cultural, Social & Philosophical Stream*’ Vol. LXV, pp. 117–124 (ISSN 0973 –8762).
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Book Chapter

1. **Singh, Pankaj**, (2023), “**Archaeology of Northeast India: New Perspectives and Paradigm Shift**”, in “**Selected Essays on Archaeology of Eastern India**” by Hussain Sakir and Mendaly Subodha, Sharada Publication House, New Delhi (ISBN: 978-93-83221-49-3).
 2. **Singh, P.**, Tamta Priyanka, Sharma, S., (2021), “**Exploring the Bamuni Hill Remains: An archaeometric study of the remains of pottery**” in “**Archaeology in Northeast India: Essays Celebrating 150 Years of Research –Recent Trends and Future Prospects**” by Chauley Milan and Hazarika Manjil, Research Indian Press, New Delhi, pp. 226-238 (ISBN: 978-93-5171-171-1).
 3. Sharma S., **Singh P.**, Das M., (2017), “**The past and the Present of the Craft of Pottery in Assam**” in ‘**Rethinking the Past: A Tribute to Professor V.N. Misra**’ by Deo Sushama G., Baptista Andre & Joglekar Jayendra, **Indian Society for Prehistoric and Quaternary Studies, Monograph No. 7**, pp. 330-342 (ISBN: 978-81-908330-6-6).
 4. **Singh P.**, (2016), “**Thin Section Petrographic Investigation of Ceramic in Archaeology**”, ‘*Study of Material Remains in Indian Perspectives*’, Ed. by A. K. Dubey *et al.* Bookwell publication, Delhi, pp. 207–213 (ISBN: 9789380574950).
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Book Publication

1. **Singh Pankaj**, Sharma Sukanya, Sharmi Chakraborti (2023), “**Report on the scientific analysis of pottery from Selected Archaeological Sites of West Bengal**”, *Centre for Archaeological Studies & Training, Eastern India, Kolkata (in press)*.
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International Conferences

1. “**Cultural Adaptation: An analysis of the Prehistoric sites of Northeast India**”. *International Joint Annual Conference of IAS, ISPQS and IHCS*, organized by Dept. Of Ancient Indian History and Archaeology, University of Lucknow and International Research Institute of Buddhist Studies, Lucknow, 28–30 December 2010.
2. “**Neolithic Pottery of North-eastern Indian: A Study by using Thin Section Petrography, Micro Hardness Tester and Furrier Transform Infrared (FT-IR)**”. *International Conference of Society of South Asian Archaeology (SOSAA)*, organized by Directorate of Culture and Archaeology, Govt. of Chhattisgarh in collaboration with the School of Studies in Anthropology, Pandit Ravi Shankar Shukla University, Raipur, 15–18 February 2014.

3. **“Handmade Pottery Tradition of Hira Potters of Assam”**. *International Seminar on Archaeology and Language the Joint Annual Conference of IAS, ISPQS and IHCS*, organized by Deccan College Post-Graduate & research Institute, (Deemed University), Pune, 06–09 October 2014.
 4. **“Surviving Tradition of Crucible Making For Metallurgical Practices at Lipp-Asrang, Kinnaur, Himachal Pradesh”**. *International Seminar on Archaeology and Language the Joint Annual Conference of IAS, ISPQS and IHCS*, organized by Deccan College Post-Graduate & research Institute, (Deemed University), Pune, 06–09 October 2014.
 5. **“Scientific Analysis of Ancient Pottery from Suryapahar”**. *Sixth International Congress of Society of South Asian Archaeology (SOSAA)*, organized by Indian Museum, Kolkata (Ministry of Culture, Government of India), in collaboration with SOSAA, Pune and The All India Digamber Jain Heritage Preservation Organization, New Delhi, 16–18 March 2018.
 6. **“Goddess Chamunda in the Kamakhya Sculpture Art”**. *Sixth International Congress of Society of South Asian Archaeology (SOSAA)*, organized by Indian Museum, Kolkata (Ministry of Culture, Government of India), in collaboration with SOSAA, Pune and The All India Digamber Jain Heritage Preservation Organization, New Delhi, 16–18 March 2018.
 7. **“The Studies of Archaeological Pottery with the Use of Archaeometric Techniques”**. *International Conference of the Indo-Pacific Prehistory Association, Hue, Vietnam*, 23–28 September 2018.
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National Conferences

1. **“Ancient Pottery of Assam: A Study”**. *Joint Annual Conference of IAS, ISPQS*, organized by Department of Archaeology and Ancient History, Faculty of Arts, the Maharaja Sayajirao University of Baroda, Vadodara, 22–24 November 2012.
2. **“Ancient Pottery of Assam: A Study”**. *Graduate Research Meet*, organized by Department Humanities and Social Sciences, Indian Institute of Technology Guwahati, October-November, 2014.
3. **“The Scientific Analysis of Artefacts in Archaeological Science”**. *Recent Field Researches in Indian Archaeology & Literature*. National Seminar, organized by Centre of Advanced Study, Department of AIHC & Archaeology; Banaras Hindu University, 24–26 April 2015.
4. **“Scientific Analysis of Neolithic Pottery from Manipur”**. poster presentation competition in *Research Conclave 2016*, organized by Students’ Academic Board, Indian Institute of technology Guwahati, 17–20 March 2016,

5. “**Scientific Analysis of Pottery from Northeast India**” *Archaeological Research in Northeast India: Recent Trends and Future Prospects*, organized by Archaeological Survey of India, Guwahati Circle and Department of Archaeology, Cotton College State University, Guwahati, 25th November 2016.
 6. “**Estimation of firing temperature by means of FTIR, Raman Spectroscopy and SEM-EDX of Neolithic Pottery from Manipur**”. poster presentation competition in *Research Conclave 2017*, organized by Students’ Academic Board, Indian Institute of technology Guwahati, 16–19 March 2017,
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Workshop Attended

1. “**Analytical Strategy: An Experimental Approach**”, organized by Dept. Anc. His., Culture & Archaeology, University of Allahabad, 18–24 March 2013.
 2. “**Experimental Lithic Knapping & Micro-wear Studies**”, a Regional Workshop for Archaeologists of Northeast India jointly organised by the Department of History & Archaeology, Nagaland University, Kohima Campus, & the Indian Council of Historical Research (ICHR), New Delhi, 15–22 March 2014.
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Conference/ Seminar organized

1. Worked as Core committee member in the Research Conclave 2016 (17–20 March 2016) organized by Students’ Academic Board, Indian Institute of technology Guwahati.
 2. Worked as organizing committee member in the Teachers Meet (15–17 February 2016) organized by Department of Humanities and Social Sciences, Indian Institute of Technology Guwahati
 3. Worked as member of Graduate Seminar Committee in the Department of Humanities and Social Sciences, IIT Guwahati for the academic session 2014-15.
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Work Experience

1. Joined as Assistant Professor in the **Department of Archaeology and Ancient Indian Culture, Tripura University** on 01/02/2024.
2. Working as Guest Faculty in **Department of History, Assam University, Silchar, Assam** (13/12/2022 to 11/03/223).
3. Worked as Guest Faculty in **Department of History, Assam University, Silchar, Assam** (13/12/2021 to 23/11/2022).
4. Worked as **Assistant Professor (Ad hoc)** in the **Department of Ancient Indian History, Culture and Archaeology, Gurukula Kangri University, Haridwar** (28/08/2018 to 31/05/2019).

5. Worked as the **Assistant** in *pottery study* under the supervision of **Dr. Coline Lufranc (French Institute of Pondicherry)**. This is the part of the international project titled “*ASIA: Beyond Boundaries, Religion, Region, Language and the State*” funded by the **European Union** and hosted at the **British Museum (dir. Michael Willis)** and also collaboration with **Jason Hawkes (Cambridge University)** and **Anne Casile (French Institute of Pondicherry and French National Research Institute for Sustainable Development, France)** (12/06/2018 to 31/7/2018).
 6. Worked as **Associate Project Scientist** under **Dr. S. Sharma** in the **Department of Humanities and Social Sciences, IIT Guwahati** on the adhoc basis (30/06/2017 to 12/06/2017).
 7. Worked as Guest lecturer in the **Department of Archaeology, Cotton College State University** Guwahati.
 8. Worked as Assistant Project Scientist in the project titled “**Virtual Anthropology Laboratory**” in the Department of Humanities and Social Sciences, Indian Institute of Technology Guwahati for four months (05/09/2010 to 03/01/2011).
 9. Attended “**Archaeological Excavation**” at Kharihat, Sub-division Lalganj, district Mirzapur, Uttar Pradesh, organized by Department of A. H.C. & Archaeology, University of Allahabad, 03–10 March, 2011.
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List of courses taught

1. ‘*Principles and Methods of Archaeology*’ (Course No. 303; A/1) (postgraduate level).
2. ‘*Pre and Proto-history*’ (Course No. 102) (postgraduate level).
3. ‘*History of Ancient India (6th century BCE to 7th Century CE)*’ (Course No. 201) (postgraduate level).
4. ‘*Society and Culture in Ancient India (up to 6th century CE)*’ (Course No. 301; A/1) (postgraduate level).
5. ‘*Archaeology of Northeast India*’ (Course No. 404; A/1) (postgraduate level).
6. ‘*Ancient World*’ (Course No. 502) (postgraduate level).
7. ‘*Archival Studies*’ (Course No. 505; ALIF) (postgraduate level).
8. ‘*Field Methods in Archaeology*’ (Paper Code: ARC-802C) (postgraduate level; 3 months).
9. ‘*Archaeology and Sciences*’ (Paper Code: ARC-704) (postgraduate level; special lecturer on Archaeological Chemistry).
10. ‘*Indian Prehistory*’ (Paper Code: MHS-C-301) (postgraduate level; whole semester or 3 months).

11. *'History: Theory, Concepts and Ancient Historiography'* (Paper Code: MHS-C-101) (postgraduate level; whole semester or 3 months).
 12. *'Ethnographic Practices in India: Tradition of Embroidery, Textile making, Knitting, Handicrafts'* (Paper Code: BHS-S-501) (undergraduate level; whole semester or 3 months).
 13. *'Political History of South India (from mid. 600 A.D. to 1200 A.D.)'* (Paper Code: MHS-C-202) (Postgraduate level).
 14. *Ancient Indian Numismatics* (Paper Code: BAM-601) (undergraduate level).
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Postgraduate Dissertation

1. I have supervised Postgraduate students for their dissertation during my tenure in the Department of History, Assam University Silchar. The dissertation is required to write as part of the Master program in the end semester.

Sl No.	Students' Name	Title of Dissertation
01	Brahmacharimayum Bharati Sharma	Early Vedic Society
02	Sunil Gogoi	Major Architectural Site of Sibsagar District during Ahom Reign
03	Monali Haflongber	Dimasa-History, Religion and Culture
04	Uma Devi	The Festivals of Manipur: A Study
05	Diya Paul	Temples of Khajuraho: A Study
06	Rakesh Singha	Manipuri Settlement in the Hojai District of Assam
07	Thadoi Devi	Religion and Culture of Cachar District
08	Raghee Kumari Singh	A Study on Historical Tourism in Cachar District
09	Mercy Pegu	The Missing Tribes in Fringe Villages of the Kaziranga National Park
10	Rahul Amin	History of Gauripur Raj Estate and Their Contribution to the Socio-Cultural Development in the Region
11	Pranab Das	Sonitpur: A Historical Place of Tourism in Assam
12	Kalim Ullah	Major Historical Sites of Tripura

Field Work

1. I did field survey in the villages of Golaghat district, Assam such as Dergaon and Dhekiyal in the month of January 2015.
 2. I did field survey in the villages of Kamrup District such as Hirapara (near the foothill of Madan Kamdev) and Khehnipara (near the BaihataChariali) in the month of July-August 2014.
 3. I conducted archaeological explorations in the various sites of Sibasagr and Tezpur-Sonitpur district, Assam in the months of April 2014.
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Familiar with sophisticated instruments

1. Scanning Electron Microscope-Energy Dispersive X-Ray
 2. Powder X-Ray Diffractometer
 3. Thermo-gravimetric Analysis-Differential Thermal Calorimetric
 4. Laser Micro Raman Spectroscopy
 5. Fourier Transform Infrared
 6. Micro Hardness Tester
 7. Petrographic Microscope
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Member of professional body

1. The Indian Society for Prehistoric and Quaternary Studies
 2. Society of South Asian Archaeology
 3. Uttar Pradesh History Congress
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Declaration

All the information furnished above is true and best of my knowledge. I can work in a group and work as a team leader to disseminate knowledge and experiences that I have gained during my entire PhD research work.

Pankaj Singh