

## Science & Heritage Research Initiative (SHRI)



Govt. of India  
Ministry of Science & Technology  
Dept. of Science & Technology  
(Technology Development Programme)

### CALL FOR PROPOSALS

#### OBJECTIVES

- Promote scientific R&D activities for conservation of Heritage objects.
- To explore new approaches, state-of-art technology to preserve the heritage and art works.
  - Safeguard the use, representations, expressions, knowledge and techniques, communities, groups recognised as an integral part of our cultural heritage.
- Promote application of advanced knowledge of archaeometric science in a range of fields.
- Promote R&D activities and technological advancement in Tribal Arts for value addition.
- Capacity in human resource and encourage new researchers to work in these areas.

#### NATURE OF PROJECT TO BE SUPPORTED

- Development of new technology to help conservation and preservation of cultural heritage.
- Research on material deterioration process, preservation techniques, intervention technologies, new materials.
- Processes for restoration and diagnostic technologies, restoration & sampling methods
- Develop the tools/ advancement on chemical treatment & preservation of protected monuments/world heritage monuments.

#### THRUST AREAS

- Study of heritage material/metals.
- Remote sensing techniques for detection of archaeological residues.
- In-situ non-invasive imaging.
- Heritage textiles-New technologies in yarn treatment, weaving, printing, eco-friendly dyes, cement clothing etc.
- Salts and synthetic coatings for wall painting: for example, the application of surface science to artists acrylic emulsion paint films.
- Health monitoring of ancient artefacts.
- Tribal arts/heritage.
- New materials development.
- Conservation technologies, including tools/ process/materials.
- Any other area related to Heritage other than mentioned above.

#### BENEFICIARIES

- ❖ Academicians and scientists working in public/ private/voluntary sector, S&T based voluntary organization.
- ❖ Academic and R&D Institutions, state Government bodies such as S&T Councils, Autonomous bodies working in Heritage sector; and
- ❖ Consortia involving R&D institution/industry/ NGO, state government line department, S&T field groups and local panchayats.

Interested applicants may apply through e-pms of DST [www.onlinedst.gov.in](http://www.onlinedst.gov.in). Details of Programme including guidelines are available at [www.dst.gov.in](http://www.dst.gov.in). For any query regarding SHRI, please contact Dr. Neeraj Sharma, Advisor & Head, Technology Development & Transfer Division, Dept. of Science & Technology, Technology Bhawan, New Mehrauli Road, New Delhi - 110016, Telephone: (011-26590219), E-mail: [akhilesh.mishra@nic.in](mailto:akhilesh.mishra@nic.in)

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