

ASI, IIT-Kanpur join hands on scientific applications

To equip itself with scientific methods that can be used in archaeology, the Archaeological Survey of India (ASI) has entered into a Memorandum of Understanding (MoU) with the Kanpur-based Indian Institute of Technology (IIT).

Two of the projects for collaboration are terrain mapping and archaeo-scientific investigations of Ahichchhatra in Bareilly in Uttar Pradesh in which various scientific applications like GPS, Total Station, GPR, GIS will be put into use.

Seismic retrofitting of ancient monuments is another area where they are working together, said a [press release](#) Friday.

The other areas are: database management using various applications and custom-made software, laser scanning of ancient structures, antiquity identification system and analysis of various antiquities using non-destructive methodologies to know about ancient technology.

Following the move, IIT-Kanpur also set up a National Centre for the Archaeological Sciences and Technology, in which students would get an opportunity to work at dating labs.

At the centre, they will also get a chance to use sophisticated equipment to carry out various studies in archaeology.

Also, there will be training centres for capacity building of archaeologists so that they can undertake research in scientific applications of archaeology.

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