

Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR

Session 2023 – 2024

**Department of Geology Consultancy in Collaboration with
Innovation & Incubation Centre, Shivaji Science College, Nagpur**

**Done “QR Coding of Rock Samples for Geological Survey of India,
Nagpur”**

Organizers

Department of Geology and Innovation & Incubation Centre

Date: 08th March 2024

Time: 11:00 – 5:00 PM

Department of Geology Consultancy in collaboration with the Innovation & Incubation Centre, Shivaji Science College, Nagpur completed a “**QR Coding of Rock Samples for Geological Survey of India, Nagpur**” on 8th March 2024 from 11:00 PM to 05:00 PM. The Initiative was taken by the students of Geology department and Innovation & Incubation centre, Shivaji Science College, Nagpur. B.Sc. Geology and BCA students have worked together to do the rocks, minerals and fossils specimens coding, developed an web application and also prepared diary of the samples. This work is a path-breaking initiative, Shivaji Science College, Nagpur, has started an Interactive Rock Museum at the Geological Survey of India where rocks will “speak” for themselves through a unique smartphone application called ‘Talking Rock’. As per the college, this is the first such project in any of the organizations in the city. The smartphone application, developed by the B. Sc. Geology and BCA students, is compatible with any device and allows users to scan QR codes attached to rock specimens. Upon scanning, the app provides comprehensive information about the rocks, making it seem like they are communicating with the users. Geoscientists, from the Geological Survey of India, inaugurated the museum and commended the students for their innovative work. The main theme of the program was the concept and development of ‘Talking Rock’ were published in the Patent Journal of India, and the application was registered for Indian Copyright protection before its launch. The program was successfully conducted in the Geological Survey of India Office. For this programme Mr. M.D. Phalke, (Head, Dept. of Geology) and co. and Dr. Sarang

Dhote, (Coordinator, Innovation and Incubation Centre) worked hard for the collection and development of QR codes and guided students every time.



Students and Staff have photo with Geoscientists