



Centre of Excellence for Ceramics | Rajasthan | 27 Dec 2024

Why in News?

A new [Centre of Excellence for Ceramics](#) is being established in Rajasthan. It is set to promote the industry with exploration, [mining](#), processing and world-class research.

Key Points

- **Abundant Ceramic Mineral Reserves:**
 - Rajasthan possesses vast reserves of [ceramic minerals](#) like ball clay, [silica sand](#), [quartz](#), china clay, and feldspar.
 - Raw materials are being sent to other states for processing, despite significant potential for ceramic-based industries and job creation within Rajasthan.
- **Role of the Centre:**
 - The centre will provide technical guidance for mining, processing, and manufacturing ceramic minerals, optimizing the utilization of local resources.
 - Its services will be pre-defined to ensure utility from day one of operation.
- **Focus Areas:**
 - A major emphasis will be on exploring [silica minerals](#) for producing:
 - Insulators for electricity supply.
 - Sanitaryware products.
 - Tiles for the real estate sector.
 - Pottery and bricks.
 - [Semi-conductors](#) for electronics.
- **Stakeholder Contributions:**
 - Suggestions were received from prominent experts, including officials from **Bikaner Technical University**, **Central Glass & Ceramic Research Institute (CGCRI)**, and [IIT \(BHU\)](#), to refine the centre's objectives and operational framework.

Central Glass and Ceramic Research Institute (CGCRI)

- CGCRI is a national research institute headquartered in Kolkata, operating under the [Council of Scientific and Industrial Research \(CSIR\)](#).
- Founded in 1950, the institute specializes in research and development in areas such as glass, ceramics, mica, and refractories.