

Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust

The seed of this institution, known as the Bengal Ceramic Institute, way back in 1941, was sown with a humble ambition of spreading Ceramic education with hands-on training on traditional potteries and other ceramic products since inception. This was later renamed as College of Ceramic Technology, which had been one of the oldest technological colleges in West Bengal and the only full-fledged Government College in India offering degree programme in Ceramic Technology (CT) from 1962 under the University of Calcutta.

This has emerged as one of the best temples of higher learning of Ceramic Technology and was reinforced by the introduction of two new courses, IT and CSE from 2000 and 2001 respectively.

With the vision of cultivating excellence in the field by imparting core knowledge to the students and transforming the institution into a Center of Academic Excellence Advanced Research apart from producing skilled technologists, CT department proceeded for successful NBA accreditation as a result of which the institution received a World-Bank funded TEQIP grant of 7.36 crore for development of infrastructure, new laboratory equipment for new departments (IT/CSE), maintenance and upgradation of old laboratory equipment, funding for research and travel to attend conferences and seminar by faculty in the country and abroad and most importantly establishing a campus-wide LAN infrastructure, in addition to effort towards community development and overall growth of the institution.

The institution has all along prioritized imparting quality education and training to the students. Students of CT are regularly sent for internship to various industries and almost all students get placement through campus interviews organized.

The alumni of CT, the products of its golden harvests, had shone brightly as the dynamic exponents of Ceramics in the country and across the Globe as well. Major thrust has been given on research in upcoming fields of Ceramic Technology that could automatically earn grants from different funding agencies like UGC, DST, SERB, IREL and CSIR and praises from National Networks. In recent years, several projects on emerging areas have been sanctioned to faculty members worth crore of rupees by the DST, AICTE, CSIR, DSTWB and IREL. Faculty members are also engaged in collaborative work with IIT, CU, JU, CSIR-CGCRI. The department has the rare distinction of having 2 direct CSIR fellows, one researcher selected as Woman Scientist scheme of DST and one Ph.D scholar under RGNF working in diverse areas of the discipline leading to their Ph.D degrees under the able guidance of faculty members. Students of B. Tech and in the past, M. Tech also, have received cash awards in recognition to their excellent project work in final year by the famous Indian Refractory Makers' Association.

With a perspective vision of emerging as a Center of Excellence in the field of Ceramic education and research through successful fulfillment and achievement of departmental missions, the department of Ceramic Technology is striving hard towards producing graduates and post graduates, more numbers of Ph.Ds and through establishment of strong bonding with Industries and Research Institutes in India and abroad.