

### **Criterion 3 – Summary**

Research, Innovations and Extension is an important area in the combined activity of the college.

The institution through its collaborations with Research Institutes, acquisition of learning resources, upgradation of the central and other libraries, vocational courses, career counselling and placement cell activities acts as an incubation centre nursing the talents of students and guiding them towards viable careers.

Dr. Bishwambhar Roy, Assistant Professor in the department of Mathematics has two Research Projects of Rs. 3,56,000/- (UGC Major Research Project) and Rs. 5,25,300/- (WB Dept of Science & Technology).

Two seminars on Intellectual Property Rights have been held to apprise the students and staff about this law. Research papers per teachers in Journals notified on UGC website and books and chapters in edited volumes along with papers in national/international conference proceedings per teacher is fair. The Code of Ethics stated by the institution inspires compliance on the issue. The number of PhDs ( five new) in the last 5 years is indicative of the rate of professional advancement undertaken by the teachers.

The institution is committed to extension activities as its record in NSS work will amply demonstrate. From meaningful Special Camps every year to many and varied regular activities, often in collaboration with the University of Calcutta, the Ministry of Health, local government centres and placement agencies the college unit of the NSS has been a vibrant hub of social work. With 100 volunteers and three teachers in NSS, 10 students and 2 teachers in Swachh Bharat Scheme, 100 volunteers and two teachers in Aids Awareness Campaign and 8 teachers and the whole student body in Gender Issues Awareness the number of participants in these crucial interfaces is considerable.

Faculty Exchange Programmes have enlivened the academic calendar in 2014, 2016 and 2018 making for a regular and healthy interchange of ideas between departments and colleges.

Academic collaboration with two Research Institutes namely, the Centre for Studies in Social Sciences, Calcutta (CSSSC) and the Centre for Environment and Economic Development (CEED) has put the college on the advanced studies map helping it network with nodal agencies on knowledge transfer.

#### **Criterion 4 - Infrastructure and Learning Resources - Summary**

The institution has 22 classrooms, 3 laboratories, 1 auditorium, 1 conference room, 1 virtual classroom, 2 audio-visual rooms and adequate teaching equipment. The Computer Education Centre is equipped with 20 desktop computers and headphones, a printer and a large smart television set. There are 67 laptops and computers in the college. ICT is used in every sphere of operation in the college.

Regarding facilities for sports and games the Sports and Adventure Club of the college organizes programmes on sports. Karate training is imparted to students. Students attend Kayaking and disaster management programmes conducted by the National Adventure Foundation. A gymnasium, well equipped with modern fitness gadgets such as treadmills, exercise bikes etc has been recently installed for the benefit of students and staff alike. The Students' Common Room is equipped with carom, chess and table-tennis equipment.

All cultural programmes are held in the state-of-the-art auditorium which is equipped with a high-end audio system.

The number of classrooms with LCD facilities is 07; the number of classrooms with Wi-Fi/LAN facilities is 12 while the number of seminar halls with ICT facilities is 05.

Budget allocation for infrastructure augmentation has seen a steady rise.

The central library is fully automated with LSEase software and enriched with the download of eBooks under the National Digital Library project, the acquisition of selected eBooks and journals, a Media Centre and the UGC Resource Network Centre. It has access to 15,000 peer-reviewed journals through Inflightnet.

There is Smart T.V. in 12 classrooms, fully automated wireless office with 24\*7 internet facility and SmartCollege software.

The total cost incurred in maintaining the physical infrastructure and academic facilities for 5 years is: Rs. 19,65,270/-

The conservancy staff maintain the washrooms and restrooms and also sweep and swab the floors of the classrooms, halls, laboratories and library while the Supporting Staff help with cleaning and dusting. The Kitchen is maintained by the Kitchen staff supervised by the Hostel Warden. All computers, Xerox machines and generator are under AMC. Buildings are painted, furniture repaired and Assets Register maintained.