

Rani Birla Girls' College, Kolkata

AQAR: 2.3.2

Use of ICT-enabled tools by teachers to make the teaching-learning process effective

Academic Session 2020-21

- The faculty in Rani Birla Girls' College uses ICT tools to make the teaching-learning process more effective, efficient and interesting.
- The College has 2 smart classrooms, 92 desktops, 21 laptops, 5 Scanners, 7 printers, 4 overhead projectors, 1 digital camera and 1 K.Yan (a device that integrates a full-feature multimedia computer with a data projector, TV tuner, audio system, and DVD player in a single, easy-to-use portable product, with an ultra-large display). Data storage devices (flash drives, CDs/DVDs etc.) are purchased as per need. Besides subject-specific software, MS Office (2007/2010) is installed in all the computers.
- Teachers use these aforementioned resources to: a. prepare PPTs to supplement lectures; b. design digital study material, which is stored in the College Library as a repository of knowledge, available to students.
- Laptops and projectors are used to incorporate various audio-visual materials/experiences in teaching; e.g., to conduct virtual museum visits by the Department of History; to screen film adaptations of texts by the Departments of English and Hindi; to display slides in Geography; to show films, documentaries, clippings of Television news reportage as per Course requirements by the Department of Journalism and Mass Communication.
- K.Yan is also used for all these purposes, especially during Special Lectures by Guest Speakers.
- The Department of Fashion and Apparel Design trains students in computer-aided designing of fabrics, garments, fashion illustration etc. For this, software such as Coreldraw, Photoshop, ReachCAD are used.
- The Department of Communicative English uses iTell-Digital Language Lab from Orell to make language-learning an intensively participative experience.
- Students of Journalism and Mass Communication learn the uses of: a. Adobe Photoshop 7, in preparing print media advertisements and editing photographs; b. QuarkXpress Passport 7 and QuarkXpress 10, in designing newspaper pages; c. Adobe Premiere Pro CS6, in editing videos. These software are installed in the 10 departmental computers.
- A Laser distance Measurer and the digital camera are used by students in Geography Practical exercises.
- During the Lockdown, following Covid 19, all Departments used, primarily, the Google Classroom and associated apps (Meet, Form, Slides, Docs, Sites, Jamboard, Calendar etc.) to teach, mentor, share notes and e-resources, set assignments, keep records of class-attendance and conduct exams, online.
- YouTube videos and simulations were also used to conduct practical classes.
- Webinars and Special Lectures were arranged on virtual platforms (e.g., Zoom and Google Meet).
- Students of Geography used: a. Google Form, to collect primary data, online, for fieldwork projects; b. Microsoft Excel, to tabulate primary data and represent it in the

form of graphs and charts; c. QGIS software, in the Practical work of GIS. The GIS lab has 9 desktops.

- The Departments of Geography and Fashion and Apparel Design also used CISCO-Webex, a video conferencing platform, which provides class-recording facilities and a whiteboard for purposes of illustration.
- The College Library uses SOUL 2.0 software for its day-to-day functioning. It is in the process of becoming fully computerised.
- The Library offers: a. access to e-resources through the N-List programme of INFLIBNET; b. an e-repository of question papers, syllabi, faculty-designed study materials and e-resource gateways; c. photocopying and scanning facilities.