

OFFICE OF THE PRINCIPAL

# DR. B.K.B. COLLEGE

P.O. : Puranigudam, Nagaon - 782141 (Assam)

Estd. 1967

From :

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## BEST PRACTICE I

Dr. B.K.B. College, Puranigudam

Session: 2018-2019

**Title of the Best Practice:** Use of ICT Tools in the Classroom

**Objective of the Practice:** In changing scenario technology has become an integral part of everyone's life and Dr. B.K.B. College too realizes the needs and importance of the use of technology in the classroom and hence gives stress, as suggested by IQAC, on the use of ICT tools in the classroom in the Academic year 2018-19. Information and Communication Technology, popularly known as ICT, is a technological source of knowledge and information meant to make teaching learning environment more interesting, more interactive and more learner-centered. IQAC makes it quite clear to all that ICT is merely a tool, can never be the alternative of a teacher in a classroom. The teacher with all his/her pedagogical knowledge and experiences and control over the use of technology is the key to make information or knowledge available through ICT tools in an interesting way to the target group and to make the students learn, find, explore, analyze, exchange and present information responsibly, creatively and with discrimination.

**Context:** Dr. B.K.B. College introduces the following ICT tools to be used in the classroom with a view to making teaching learning environment more interesting and interactive, more meaningful and effective.

1. Laptop: Every department of the Arts Stream - Assamese, English, Economics, political Science, History, Education, Sattriya, Sociology, and Psychology and also the Commerce Stream are provided a laptop.

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2. Smart-board, Projector, Desktop and Mini Sound Modifier: Seven classrooms and the Conference Hall are equipped with Smart-board, Projector, Desktop and Mini Sound Modifier.

3. Podium and Scanner: Three podiums and four scanners are also provided to be used in the classrooms.

4. Internet facility: Internet facility is made available in the Office, Library, IQAC Office, RUSA office and UGC Network Resource Centre. The Departments make internet facility available in their department using device.

5. UGC Network Resource Centre/Computer Centre: Internet facility is made available in the UGC Resource Network Centre/ Computer Centre where students can browse learning materials from e-resources.

6. Video Conferencing and Digital Library: Video Conferencing Set and Digital Library are also introduced to the institution to be used for a better teaching learning environment.

7. NLIST: NLIST is renewed and made accessible to every teacher so that they can go through the journals to accelerate their research work and provide materials to advanced students.

8. GIS Laboratory and Language Laboratory: An up-to-date GIS laboratory is in service to the students of the department of Geography. A Language laboratory, introduced earlier with grammar software, is also available.

These are the ICT tools introduced so far in the institution constituting the prime rationale behind the institution's stress on the use of ICT tools in the classrooms.

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**Practice:** It is realized well that introducing technology alone will not change the teaching learning process as desired and hence teachers' training on use of ICT tools is encouraged.

1. The institution organises a Week Long ICT Workshop on 'Use of ICT Tools for Classroom Teaching' in collaboration with Electronics and ICT Academy, IIT, Guwahati on November 12-18, 2018. Twenty three faculty members of Dr. B.K.B. College join the workshop as participant. Juli Thakuria, Librarian and Debita Kemprai, Assistant professor of the college coordinate the programme.

2. Librarian Juli Thakuria, and Faculty Seema Sovita Das and Bishal Saikia join Workshop on 'ICT in Management of Education' at Kaliabor College, Nagaon sponsored by MHRD on May 28 and June 4, 2019.

3. Four faculties Mrs. Anurupa Bora, Mrs. Akashi Bhuyan, Mrs. Debita Kemprai and Miss L. Changsan attend Workshop on "ICT in Management of Education" at Nowgong College sponsored by MHRD.

The college administration also motivates the students to learn through ICT tools allowing them to use their smart phones only in the UGC Resource network centre or whenever allowed. The teachers are requested by IQAC and instructed by authority to use more and more ICT tools in the classrooms. Almost all the faculty members are seen using smart boards, giving power point presentations and provide students selective learning materials from internet sources.

**Evidence of Success and Resources required:** No doubt ICT tools have been used in the classrooms but the number of faculty using the tools is not satisfactory. It is noticed that almost in every department laptop is used both in administrative and academic purposes, teaching and research activities, in preparing and browsing teaching learning materials.

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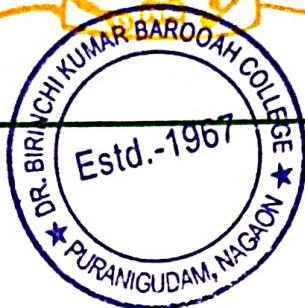
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Almost every faculty uses the smart board and takes a few classes through PPTs, draws diagram easily, analyses data, shows documentary and films and with e-resources goes beyond the text. More than fifty PPTs and lots of learning materials shared are submitted to the office of the IQAC by the faculty members. In every department at least three Whatsapp Groups are seen active through which the faculty members share learning materials, PPTs and materials taken from e-resources. In the department like Geography and History the practice of Google Classroom is also made available to a certain extent. The Whatsapp Groups and Google Classroom, the PPTs provided, the learning materials shared, the e-books or teaching materials stored in the smart boards are the evidences of success achieved so far in this regard. The major students are seen more motivated, happy with and interested in the classes where ICT tools are used. The GIS laboratory is fully used with up to date software while the language laboratory with grammar software remains of little importance. The Digital Library is so far used only for old question papers and the Video Conferencing set is used only twice in the year. Only a few lecturers are seen interested in NLIST. Hence, Dr. B.K.B. College never claims any excellence in the use of ICT tools in the classrooms but decides to sustain it as one of the best practices on the ground that the tools increases students' motivation, connects them to reliable information sources and creates active in-class and out-class learning environment and scientific planning is essential to make it a culture of the institution.

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