

Best Practice 1

1. Title of the Practice

Regular conduction of student centric activities

2. Objectives of the Practice

A student centric activity is one that keeps students in centre and employs learning strategies that focus on students and are student-friendly. The institution employs a student centric activity such as organization of workshops, seminars, poster presentation, publishing wall magazines, festivals, special days, educational tours career counselling and personality development sessions, sports, games etc. Seminar is always a forum from which students can develop scientific culture and enhance their aptitude in the subject. By poster presentation, the thought processes and creativities of students are presented. The NCC and NSS activities make students sensitive towards their duties and responsibilities within the society and community. The objective of such programs is to create a diverse and relevant spectrum of departmental activities and to merge those towards a common institutional goal. These activities develop the goal of education through various skills like soft skills, leadership skill and team building skills and strengthen the connection between a student education and the world they live in.

3. The Context

The beginning of the year 2020 was marked by a major global public health crisis. In this context for effective teaching-learning process ICT enabled tools were largely used for enhancing academic excellence. Google classroom, Google form, online platforms such as Google-meet, zoom, webex etc. were mostly used for effective Teaching – Learning process during the Covid- 19 pandemic. All the departments provided online study material to ensure that students do not face any problem to collect or purchase books in the pandemic situation. Co-curricular activities are complementary to the learning process and are often created through a common charter of the academic institution to promote student centric activities. Each department endeavours to build customized activities which make the students more inclusive as well as participative. Augmented participation of students and the teachers of the departments were made a priority measure of impact in these activities.

4. The Practice

- Department of Education and Department of Sociology organised a national webinar on “Psychological and Social Barriers in Pandemic Situation” on August 22, 2020.
- Department of Chemistry organized a E-workshop on FORTRAN on 3rd and 4th September, 2020.
- Students Personality Development Committee organized a webinar for students on the topic “ Survival through Competence: Mental Health and Personality Development” on August 8, 2020.
- Women Cell and IQAC organized a one day state level webinar on 25.8.2020 on the topic “Atimarir Prekhite Banglar Meyeder Mannantar Birodhi kaj”.

- Women Cell and IQAC organized a one-day state level webinar on “ Gender Sensitization” on 26.8.2020.
- E wall magazine “Alchemy” was published on 2.8.2020.
- National Science Day was celebrated by the Science Departments on 28.2.2021.
- Department of Journalism and Mass Communication organized a national webinar on “ Development Communication and Social Media” on July 10, 2020
- Department of Journalism and Mass Communication organized a national webinar on “ Fake and Propaganda News Coverage in Media ” on July 11, 2020
- Department of Electronics in association with Department of Physics, Computer Science and IQAC organized a 3-day Global E-workshop : Aspire Learning on 3rd – 5th July, 2020
- Department of Physics in association with Department of Computer Science, Electronics and IQAC organized a one-day national level webinar on “ Use of ICT in Teaching Learning During Pandemic and Post Pandemic situation” on 13th July, 2020.

5. Evidence of Success

In earlier years, we have witnessed limited student participation in these workshops, seminars, debates, wall magazines, cultural programmes, excursions etc. student centric activities. Presently, student participation in such activities has substantially improved. Overall organizational participation has increased and awareness has been raised among them regarding the involvements and usefulness in these activities. Two MoUs were signed for collaborative student centric activities under the initiative of our college. The details are given below:

Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc during the year 2020 – 21.

Organization with which MoU is signed	Name of the institution/ Industry/ corporate house	Year of signing MoU	Duration	Number of students/ teachers participated under MoUs	List the actual activities under each MoU year wise
Department of Microbiology	Dinabandhu Andrews college	2019	5 years	4 teachers and 70 students	
Department of Philosophy	East Calcutta Girls College	2020	3 years	Teacher – 01, students- 09	Online honours class taken on 16.05.2020

6. Problems Encountered and Resources Required

- More teachers should come forward to increase the active involvement of students and to motivate them in various ways in such activities.

- To increase awareness about the usefulness of such activities it needs untiring efforts from the teachers and the student body over a longer preparation period.
- Special mentoring sessions are required to be arranged to understand the necessity of such programs and the importance of their participation.

More funds are required from the higher authorities for greater involvement of all the stakeholders in these activities

Best Practice 2

1. Title of the practice

Promotion of Research and Innovation in the college

2. Objective

- The primary goal during the covid-19 pandemic years is the utilisation of the period to the fullest to promote research culture in the college.
- To encourage and inculcate a thriving research environment and active research culture among the faculty members and the students of the college.
- To develop a scientific temper among faculty members and to enable them to acquire research skills, expertise and experience.
- To encourage and support faculty members to present papers and attend national and international conferences and seminars/webinars.
- To organise college/regional/state/national/international level webinars and workshops in the college, independently as well as through collaborating with scientific organizations, other research bodies and other college
- To expose students of the college to research skills and methodologies through student project work and to encourage them to pursue a research career through regular webinars, talks and workshops.

3. The Context

The college has extremely talented faculty members who are very keen to pursue their academic and research activities in the college. The college has set up a Research sub-committee to chalk out institutional strategies for planning, upgrading, creating and providing infrastructural facilities to meet the need of researchers. The Research sub-committee of the college implements various strategies to encourage and support a research friendly atmosphere and facilitate an active research agenda and profile of the institution.

4. The Practice

The institution encourages and extends all help possible to promote research activities and a thriving research culture in the institution. The measures taken by the institution to achieve this aim are as enumerated below :

- The college authorities provide facilities and resources to support faculty members in their research endeavours.
- The institution makes all necessary arrangements for timely availability or release of resources for smooth progress and implementation of research schemes/projects.
- The college promotes interdisciplinary programmes and research through dialogue and exchange of ideas between faculty members and also through collaborative research endeavours with other colleges.
- The institution encourages faculty members to participate in national and international webinars and to present research papers on various theoretical and empirical aspects of different subjects.

Number of departments having research projects funded by Government and non-government agencies during the year 2020-2021.

Name of the project/ endowments, chairs	Name of the principal investigato/ co-investigator	Department of Principal investigator	Year of award	Amount sanctioned	Duration of the project	Name of the funding agency	Type (Government/ non Government)
Demarcation of floodplain zone of the Ganga and Bhagirathi – Hooghly rivers in West Bengal	Dr.Sayantana Das (Co investigator), Department of Geography, Dum Dum Motijheel College	Prof. Sunando Bandyopadhyaya, Department of Geography, University of Calcutta	2021	10.25 Lakhs	1 year 3 months	West Bengal Pollution Control Board	Government

5. Evidence of success

The positive impact of this practice of the institution to inculcate a flourishing research culture among the faculty of undergraduate college is evident in the data given below :

- Total number of 26 [14 in Science and 12 in Humanities and Social Sciences] papers were published by the faculty members in the Journals notified on UGC website during the year.
- Total number of 62 [26 in Science and 36 in Humanities and Social Sciences] books and chapters in edited volumes/ books were published and papers were published in national/international conferences proceedings.
- The topics of these 26 papers and 62 books/ chapters in edited volumes/ books covered scientific theoretical aspects, social, environmental, cultural, political, and above all Covid – 19 related aspects.

6. Problems encountered and resources required

- Due to Covid – 19 Pandemic, the session 2020-2021 was very difficult for the faculty members to pursue their research activities.

- Non availability of sufficient financial resources.
- Faculty members find insufficient time for research activities due to the teaching responsibilities and commitments of an undergraduate college.
- Limited opportunities for undergraduate students to get involved in research work/projects

7. Resources required

- Identification of funding opportunities and research grants / fellowships available from funding agencies like UGC, DST, DBT, CSIR etc.
- Upgradation and digitization of the library is the need of the hour, as online access to journals and subscription to e-journals is urgently required to support faculty in their studies and research work.