

ACADEMIC OUTCOME:

1. Bengali

The Department of Bengali runs Undergraduate Courses in Bengali under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses and also Ability Enhancement Compulsory Courses (AECC) as compulsory to all the undergraduate students of the college. If undertaken, the students of Bengali Language and Literature will acquire knowledge of Bengali grammar, history of Bengali literature and cultural history of the Bengal through various texts. In the syllabi a special importance has also been given on expertise development with Skill Enhancement Courses (SEC). Such emphasis will definitely increase the possibility of success of the outgoing students in media, script writing, teaching, theatre, recitation, cinema and other sectors in future. The department has a good record of high success rate in the final examinations.

2. English

The Department runs Undergraduate course in English under the Choice-Based Credit System (CBCS), teaching a syllabus mandated by the University Grants Commission (UGC). The new system divides the curriculum in modular forms for the duration of the semesters running six months each, thus making the process of transferring credits (grades) easier for a student. Since the semester system has widespread international acceptance, it also facilitates the recognition of academic credits everywhere. The Department offers a bouquet of Core Courses and General Elective Courses, and also offers Ability Enhancement Compulsory Courses (AECC) in English language to all Undergraduate students of the college in Humanities, Social Sciences, Sciences and Commerce Streams. The upgraded syllabi not only cover British Literature, but also American Literature, Indian Literature in Translation etc. This gives the students a wide exposure to the literatures of the world, as well as critical theories covering the most recent trends in different fields in literature and cultural studies. There is also a special emphasis on fluency of language, with AECC papers focused on applied Linguistics. Such emphasis naturally enhances the students' language skills and improves general employability in teaching, media, Information Technology (IT) and other sectors. Apart from this, the department also conducts a Certificate Course in Communicative English using Language Lab every year for the benefit of students of all streams. The department has a past record of good success rate.

3. Sanskrit

The Department of Sanskrit runs Undergraduate Courses in Sanskrit under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses. If undertaken, the students will be able to read, understand, write and speak in Sanskrit. They would acquire the knowledge of Sanskrit grammar, literature, history of literature, Indian philosophy, Veda, Vedang, Vedic literature, Dharmasatra, Arthasastra, Nitisatra and inscriptions. They will also acquire the initial knowledge of Indian civilisation and culture through Sanskrit texts. They will be capable of studying Vedic and classical Sanskrit literature and will ultimately be able to understand the ultimate goal of life. With this knowledge, they would be able to prepare themselves for UPSC WBES positions and translation jobs. After passing their PG they would be able to apply for teaching jobs in schools, colleges and universities too.

4. History

The Department of History runs Undergraduate Courses in History under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses. History enables us to develop better understanding of the people and society we find ourselves in. Understanding of historical events and trends helps us to develop a much greater appreciation for current events. Data from the past often guides us to figure out why complex societies behave in a particular fashion. Moreover, the past causes the present, and so the future. Whenever we try to find out why something happened, we have to look for factors that took shape earlier. Only through studying History we can grasp how things change and which elements of a society persists despite change. Students of History, by studying different societies of the past and contemporary period, acquire a broad perspective and flexibility required in real life situations. A Graduate degree in History also improves basic writing and speaking skills - relevant for public and private sectors - whereas the capacity to identify, assess and explain trends is essential, although it does not lead directly to a specific job for most of the students. A history major can lead to diverse kinds of careers. Some of the more popular ones include civil service, all kinds of NGOs, research and the media; tourism, heritage consultancy and preservation; museum, libraries and archives etc.

5. Philosophy

The Department of Philosophy runs Undergraduate Courses in Philosophy under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses. The curriculum primarily imbibes a deep and reflective awareness about the world and understanding of reality as discussed in Indian and Western tradition to equip them with a comprehensive view of the world around them. The discipline also instils moral values amidst students making them aware about social issues including moral obligations and rights as well. The curriculum encourages social awareness, makes them aware about its problems and inculcates the spirit of identity and oneness with other members of the society, through clarification of fundamental concepts like society, community, association, institution, fostering an inner commitment to follow the secular spirit of the Indian Constitution. The department while sincerely

following the university curriculum, try to signify the knowledge, significance the knowledge of the inner state of mind too, with clarity, rationality, interpretation of dreams and the scientific process of learning all of which are essential to know one's own self. The department is also committed towards inculcating awareness about man- nature relationship, and tries to focus on the urgent need to develop an ardent respect for nature.

6. Political Science

The Department of Political Science runs Undergraduate Courses in Political Science under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses. The explicit objective of the department is to promote higher education and learning in the related field. Some of the related learning outcomes for the students have been the following:

Understanding of Subject: An in-depth empirical as well as qualitative understanding of the lively subject of politics for the students which helps them appreciate news reporting, political discussions and debates, domestic and international events.

Understanding of Duties: Inculcating good citizenship values in the students, making them aware of their rights and duties.

Progression to Higher Research and Social Activities: Students are made capable of pursuing social science research in leading institutions in the country and abroad. Many find appealing academic satisfaction in pursuing field-work based research as the Course impresses upon them the significance of such work for micro-level research. Students can also involve themselves with non-governmental organizations, contributing to society in a very meaningful way.

7. Sociology

The Department of Sociology was established in 2004 and succeeded to receive affiliation for only general degree course in the year. In 2009 however, the department fulfilled its long-awaited desire for introducing Hons. course in Sociology. Department has an enriched Seminar Library with rich collection of text books, reference books and journals. The Department of Sociology runs Undergraduate Courses in Sociology under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer Core Courses, General Elective Courses and also Skill Enhancement Courses (SEC). The curriculum encourages gender sensitization, religious harmony irrespective of varied socio-economic conditions through different courses. Students are made capable of pursuing social science research with leading institutions within the country and abroad. Many find appealing academic satisfaction in pursuing field-work based research as the Course impresses upon them the significance of such work for micro-level research. Students can also involve themselves with non-governmental organizations in future, contributing to the society in a meaningful way.

8. Hindi

The Department of Hindi runs Undergraduate Courses in Hindi under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer only the Ability Enhancement Compulsory Courses (AECC) in Hindi language to all the interested undergraduate students of the college. The students of Hindi Language and Literature will acquire the knowledge of Hindi grammar, history of Hindi literature and at the same time they will be familiar with the cultural history of India and abroad through various texts.

9. Urdu

The Department of Urdu runs Undergraduate Courses in Urdu under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer only the Ability Enhancement Compulsory Courses (AECC) in Urdu language to all the interested undergraduate students of the college. The students of Urdu Language and Literature will acquire the knowledge of Urdu grammar, history of Urdu literature and at the same time they will be familiar with the cultural history of India and abroad through various texts.

10. Journalism

Department of Journalism & Mass Communication is a new born department of the college. It started its journey in the year 2003. The Department runs Undergraduate Courses in Journalism and Mass Communication under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and also Skill Enhancement Courses (SEC). The department has a high success rate and a very good placement record.

11. Economics

The Department of Economics is one of the oldest departments of this College. Formerly it was known as Department of Political Science and Economics. After 1960-61 it was named as Department of Economics. Since then this department has been fulfilling the educational demand of good number of students. Since inception, this Department has been catering just – in- time service particularly to weaker and marginalised section of the society. The Department runs Undergraduate Courses in Economics under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses, and also offer Skill Enhancement Courses (SEC). Eminent scholar late Bhabatosh Dutta started his career from this very department and renowned novelist Bibhutibhusan Bandyopadhyay was a golden alumnus of this old department.

12. Geography

Because of the long-standing demand of the locality and its people, esteemed Surendranath College opened Geography (Hons.) courses in September, 2001. Hence, there is fairly high demand for admission to the Geography (Hons) course, run by the department. The Department runs Undergraduate Courses in Geography under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and Skill Enhancement Courses (SEC).

13. Psychology

The Department of Psychology was established on 10th September, 2001. The Department runs Undergraduate Courses in Psychology under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both General Elective Courses and also Skill Enhancement Courses (SEC). Academic and personal counselling of students is carried out from time-to-time depending on the needs and problems of the individual student. Apart from any noticeable deterioration in academic performance, the teachers make an effort to identify any manifestations of underlying psychological problems. Such manifestations include absenteeism, fear of approaching teachers, lack of interaction with classmates, improper behaviour in the classroom and so on. Thereafter, an effort is made to interact with the student on a one-to-one basis and to try and help him/her cope with his/her problems in a healthy way. The Department of Psychology also runs a Counselling Cell for the students of B.A./ B.Sc./ B.Com. for providing guidance and helping them with their career assessment.

14. Botany

Department of Botany is the oldest, Post-Independence departments among Biological sciences of the college, which started its journey in the year 1947 with General course in Under Graduate and Honours course was introduced in the year 1959. The department has ICT enable classroom, a seminar library, two well equipped labs and a rich well-maintained MUSEUM, as well as a properly preserved HERBARIUM containing about 416 specimens belonging to ferns, gymnosperms and angiosperms. Faculty members give individual attention to every student as much as possible. Regular evaluation through Online MCQ, Class tests etc. Department arrange curriculum-based field work for both the Honours and General students. The Department runs Undergraduate Courses in Botany under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses and also offer Skill Enhancement Courses (SEC).

15. Chemistry

Chemistry Department is one of the oldest departments of this college, established before Independence. It is an important and quite popular Department with substantial number of students. The Department is comparatively spacious comprising of two large Honours Laboratories and two General Laboratories, all well-equipped with necessary up to date apparatus, chemicals and instruments. There is also an organized MRP Laboratory to carry out research activities by the faculties and a moderate stock of reference books in the Departmental Seminar library that are issued by both Honours and General students. Beside studies, all kind of extracurricular activities are also encouraged here. This heritage Department has so far produced galaxy of famous alumni to be proud of. The Department runs Undergraduate Courses in Chemistry under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses and also Skill Enhancement Course (SEC) for expertise development. The Department puts a sincere effort for the overall nourishment of each and individual student according to their learning capacity in a healthy and friendly atmosphere. After course completion, the students have employment opportunities in diverse fields such as research, teaching, R&D, forensics, analytical/chemical laboratories/industries etc. and several other sectors and over the years, students of this Department has a good record of achieving excellence to reach their fullest academic potential to be positioned in the highest posts in different Educational Institutions and Research Laboratories in India and abroad.

16. Computer Science

The Department of Computer Science was incepted in 1994. Surendranath College is the first college under Calcutta University which got the credit to flag the honour of introducing this course. Hence the Department of Computer Science in Surendranath College bears a historical importance in this aspect. The department has a glorious past in its students' records in university examinations year by year. Most of the appeared students not only get first class in honours examinations, but some of them acquire ranks also in their university results. The levels of excellence in the results of Honours course is being kept up till date. In 2017, the Post-Graduate course in Computer Science was also initiated. The Department currently runs Computer Science Courses in both under graduate and post graduate levels under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses and also Skill Enhancement Courses (SEC).

17. Mathematics

Department of MATHEMATICS is one of the oldest and strongest Pre-Independence, departments of the college. It has many renowned ex-teachers as well as famous alumni to boast for. The Department runs Undergraduate Courses in Mathematics under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses, and also offer Skill Enhancement Courses (SEC). The department has a strong faculty back up, both in quality and quantity that enables it to support the Statistics department also, partially. The department also has a well-equipped dedicated computer laboratory, smart board and LCD projectors.

18. Microbiology

Department of Microbiology started its journey in the year 1999. The Department runs Undergraduate Courses in Microbiology under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses and also offers Skill Enhancement Course (SEC). Actually, Microbiology is a job-oriented course keeping in mind the high demand of microbiologists in a wide arena of industries spanning over Biotechnology, dairy industry, food-beverage processing, health, diagnostics, pharmaceuticals, animal husbandry as well as other agro-industrial products. The syllabus taught under the UG course has been moulded quite a few numbers of times accordingly to serve this dual objective of a job centric education as well as to cater the needs of an aspiring academician. It has been constituted with amalgamation from the four basic sciences - chemistry, biology, physics and mathematics and any student enrolling for the course is expected to live up to this interdisciplinary nature of the subject. Over the years, students have been fostering in the homely ambience of the Department to reach their fullest academic potential.

19. Molecular Biology

Department of Molecular biology started its journey in the year 1998. It runs in amalgamation with Department of Microbiology sharing all the resources. The Department runs Undergraduate Courses in Molecular Biology under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer only General Elective Courses and Skill Enhancement Courses (SEC) for development of expertise in this field.

20. Physics

The Department of Physics started functioning before independence. The Department runs Undergraduate Courses in Physics under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses and also Skill Enhancement Courses (SEC).

21. Physiology

Department of Physiology was founded in July 1958 with General course. Honours course started in the year July 1978. Department has always been a star performer in terms of academics and results and one of most coveted department of the college. The department is fortunate of having very vibrant and closely associated alumni through efforts such as reunions and alumni meet. A significant number of alumni are holding promising position in modern day teaching and Research Institutes. An increasing demand for the subject is demanding space and proper infrastructural overhauling. Students through project works and extension activities such as Health Check Up get hands on experience and thereby learn to deal with human subjects using modern day Laboratory equipment. The Department runs Undergraduate Courses in Physiology under the Choice-Based

Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses, and also offer Skill Enhancement Courses (SEC).

22. Statistics

Department of Statistics was founded with General Course in 1997 and started its Honours Course in 2001. All the students appearing in the final university examinations pass out successfully and it has a good steady record of past students getting jobs in academic as well as multinational company positions. The Department runs Undergraduate Courses in Statistics under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses, and also offer Skill Enhancement Courses (SEC).

23. Zoology

The Department of Zoology runs Undergraduate Courses in Zoology under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses and also offers Skill Enhancement Course (SEC). Zoology (along with Botany and Chemistry) is the ideal subject to understand life and living. It includes almost all aspects of life, especially the relationship among the various organisms. If undertaken, the students will be able to use the evidence of comparative biology to explain how the theory of evolution offers the only scientific explanation for the unity and diversity of life on earth. They will be able to use specific examples to explicate how descent with modification has shaped animal morphology, physiology, life history and behaviour and also will be able to explain how organisms do function at the level of the gene, genome, cell, tissue, organ and organ-system. Drawing upon this knowledge, they will also be able to give specific examples of the physiological adaptations and demonstrate proficiency in the experimental techniques and methods of analysis appropriate for their area of specialization within biology. Over the years, students of this Department have a good record of achieving excellence to reach their fullest academic potential to be positioned in the highest posts in different Educational Institutions and Research Laboratories.

24. Commerce

The Department of Commerce is one of the oldest departments of this College established in 1921. Since then this department has been fulfilling the educational demand of good number of students not only from adjoining region but also from other neighbouring states like Bihar, Jharkhand, Sikkim, Tripura etc. Since inception, this Department has been catering just – in- time service particularly to weaker and marginalised section of the society. The Department runs Undergraduate Courses in Commerce under the Choice-Based Credit System (CBCS). As per the Syllabi of the courses, approved by the University of Calcutta, they offer both Core Courses and General Elective Courses and also offer Skill Enhancement Courses (SEC). The department has a high success rate and a good placement record.

