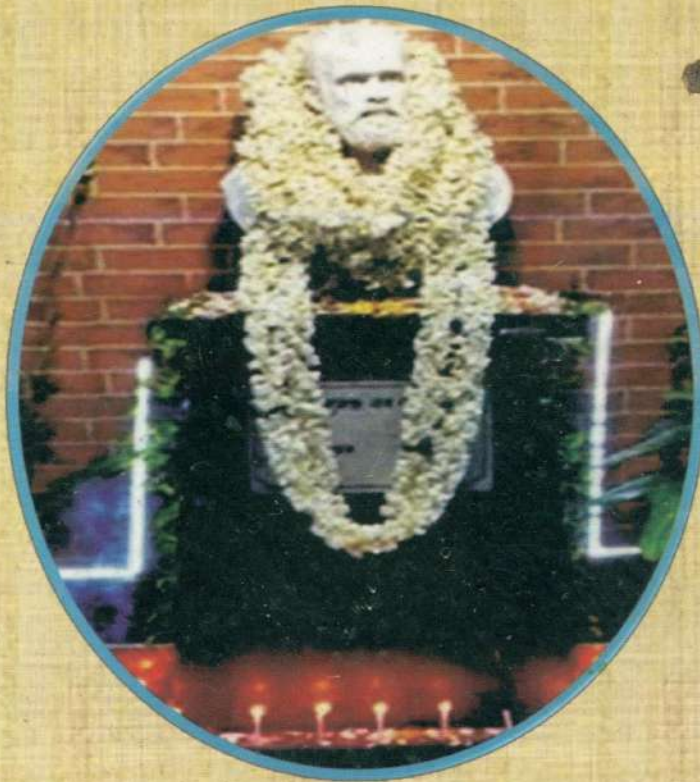


# SURENDRANATH COLLEGE

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**10<sup>th</sup> NOV, 1848 – 6<sup>th</sup> AUG, 1925**

*NAAC REACCREDITED*

**24/2 M.G.ROAD  
KOLKATA-700091**

### OUR SPECIAL FEATURES

- ☞ Individual attention to students as far as possible.
- ☞ Sympathetic consideration for all sorts of difficulties with free access to Principal.
- ☞ Medical facilities – free of charge through Student's Health Home.
- ☞ Student's textbook section of Library for easier circulation of text books among the students. Almost all departments are running Seminar Libraries. Library resources have been strengthened with the help of U.G.C grants. Introduction of OPAC.
- ☞ Cheap stores for supply stationary to the students at reasonable rates.
- ☞ Cheap canteen offering good quality food at affordable prices.
- ☞ Full free studentship and liberal concessions in tuition fees for poor but meritorious students.
- ☞ Green and clean environment.
- ☞ To help the students speak fluent English and thus make them more confident, competent and also fetch them employment opportunities we have started Certificate course in communicative English with Language Lab.
- ☞ Online 360 degree feedback system.
- ☞ Application of ICT in Teaching & Learning. 12 smart and 1 virtual classrooms.
- ☞ Publication of e-Magazine.
- ☞ Certificate course in Photography, Performing Arts and Basic Computer awareness
- ☞ Different Extra –Curricular activities like Quiz, Poster competition, wall magazine etc.
- ☞ Campus is under CC Camera Coverage
- ☞ 24x7 Col Drinking water for students
- ☞ 24x7 Security system
- ☞ 24x7 power supply through soundless generator

### OUR PROPOSED PLANS TO DEVELOP INFRASTRUCTURE:

- ⇒ Solar Panel to Use renewable Energy
- ⇒ New Research Lab with Instrument Room
- ⇒ New Computer Center
- ⇒ More Smart Classrooms
- ⇒ Well equipped laboratories

## *From the Principal's Desk*



Dear Students,

You are indeed blessed to find an opportunity to get education at one of the best colleges of West Bengal, **Surendranath College** which has been founded and nurtured by the great educationist and social worker **Sir Surendranath Banerjee**. The college with 135 years of legacy have excelled in every sphere and had had the privilege of having a healthy, harmonious ambience, rich values which played pivotal role in shaping the future of innumerable students. Our mission is to transform students into rational thinkers, competent workers, law abiding citizens and spiritually enlightened individuals. This is my firm belief that the rich values and traditions imbibed here would carry you to greater heights.

Dear students, in this era of cut throat competition, it is of paramount importance to be equipped with appropriate knowledge, habits, attitudes and values leading to holistic development. Value added activities with N.C.C,

N.S.S, Performing art, Sports, Co-curricular and extra-curricular activities organised by college surely facilitates the process of crea organised by college surely facilitates the process of creative and critical thinking. They not only inculcate social and moral values, compassion for nature, pride for Indian culture and tradition and awareness for one's rights and duties but also make students good human beings and confident leaders. I intently believe that you would develop versatile personality during your stay in this temple of learning.

To be successful in life, have ambitions and define goals clearly. Discipline and hard work is the key to success. Be regular in your classes and focus on your goals. Your concerted efforts with the able guidance of your teachers would definitely provide you a blissful and successful life.

I, on behalf of **Surendranath College** community welcome all the students and wish you all the best for achieving greater success and scaling new heights in the coming session.

With blessing and warm wishes.

*Dr. Indranil Kar  
Principal,  
Surendranath College*

*June, 2018*

## OUR MISSION

The mission of the college is to inculcate love of knowledge and provide holistic education to the student coming from every stratum of the society, so that they emerge as true human beings who can make significant contribution as a responsible citizen of tomorrow. In order to achieve this the college coordinates the activities of the teachers, students and other staff members to ensure smooth functioning and all round development of academic as well as other curricular activities.

*To become a centre of excellence in higher education.*

*To excel in all areas of teaching learning, research and consultancy.*

*To be a bridge between the rural-urban divide, taking the benefits of value-based quality education to the poor and marginalized, aiming at their empowerment.*

*To promote and practice inclusive growth.*

*To provide equal opportunities to the deserving and meritorious students irrespective of Caste and Creed and gender.*

*To promote cultural and communal harmony.*

*To make our institution a significant knowledge contributor in transforming our nation from a developing to a developed one by acting as responsible and concerned citizens and to make this world a better place.*



## VISION

Keeping with the legacy of our founder Sir Surendranath Banerjee, a noted social reformer and educationist, the College is committed to imparting, sustaining and fostering all-round holistic and quality education to the students coming from every stratum of the society so that they gather knowledge as well as employable expertise and grow up as responsible global citizens of tomorrow. The institution envisages evolving, improving, upgrading and remaining committed to its laurels of heritage in conformity with the immortal words of the *Upanishada*, namely "*Damyata*" or Restrain, "*Datta*" or Sacrifice and "*Dayaddhayam*" or Generosity which have been enshrined in the College emblem, and also with modern outlook to make the college a centre of excellence for higher education and research.



The College is managed by Governing Body formed under Calcutta University First Statute, 1979 Clause 93

## MEMBERS OF GOVERNING BODY

- |     |                                |  |
|-----|--------------------------------|--|
| 1.  | <i>Dipangshu Gangopadhyay</i>  | <i>President</i>   |
| 2.  | <i>Sri Debasish Banerjee</i>   | <i>Govt. Nominee</i>   |
| 3.  | <i>Sri Angikar Banerjee</i>    | <i>Govt. Nominee</i>   |
| 4.  | <i>Dr. Bivas Chaudhuri</i>     | <i>West Bengal State Council of Higher Education Nominee</i> |
| 5.  | <i>Sri Shibasish Banerjee</i>  | <i>C.U Nominee</i>   |
| 6.  | <i>Ms. Protishtha Adhikary</i> | <i>C.U Nominee</i>   |
| 7.  | <i>Netal Gayen</i>             | <i>Teacher Representative</i>                                |
| 8.  | <i>Nilansu Das</i>             | <i>Teacher Representative</i>                                |
| 9.  | <i>Rathindranath Basu</i>      | <i>Teacher Representative</i>                                |
| 10. | <i>Tanmoy Mukhopadhyay</i>     | <i>Non Teaching Representative</i>                           |
| 11. | <i>Rijju Chakraborty</i>       | <i>G.S Students' Union</i>                                   |



## MEMBERS OF IQAC

Head of the Educational Institute	<i>Dr. Indranil Kar, Principal as Chairman</i> <i>Dr. Suchandra Chatterjee, Coordinator</i> <i>Dr. Achintya Biswas</i> <i>Prof. Gautam Sinha</i> <i>Dr. Anindya Ghose Choudhury</i> <i>Dr. Asis Basu</i> <i>Dr. Nilansu Das</i> <i>Dr. Jafor Ali Akhan</i> <i>Dr. Barnali Ray Basu</i> <i>Sri Kousik Ghosh</i>
Senior teachers	<i>Sri Gautam Banerjee</i> <i>Sri Tanmoy Mukhopadhyay</i>
Senior Administrative Official	<i>Mr. Debasish Banerjee</i>
Alumni Representative	<i>Rijju Chakraborty, G.S., Students Union</i>
Student Representative	
Person Interested in Education	
External Expert on Quality Management	



## TEACHING AND NON TEACHING STAFF

Dr. Indranil Kar, Principal  
M.Sc., Ph.D. (ZOOLOGY)

## FACULTY OF ARTS

### DEPARTMENT OF BENGALI

The Department of Bengali started its journey since the inception of Surendranath College in the year 1884. The Department has the provision of Three Years Honours and General Course. The Faculty consists of four UGC approved Full Time teachers, one Govt. approved Part Time teacher and one guest lecturer. The department has very rich heritage. Professors like Asit Kumar Bandyopadhyay, Pramathanath Bishi, Ajit Kumar Ghosh, Dilip Kumar Mitra, Sanatan Goswami, Arabindo Bhatat charya were the teachers of the Bengali Department. Their sound knowledge, dedication, affection for the students made the Department glorious. Those teachers were very good critics in Bengali Language and Literature. 'History of Bengali Language' written by Dr. Asit Kumar Bandopadhyay is his magnum opus. 'History of Bengali Drama' written by Dr. Ajit Kumar Ghosh is also a great contribution to the Bengali criticism. Renowned Novelist and Short Story writer Bibhuti Bhushan Bandopadhyay was a student of this college as well as the alumni of Bengali Department. After passing out from the Department of Bengali of this college many students have achieved their goal and have been providing their valuable services to the Society as Professors, Teachers, Journalists and Political Personalities. The Bengali Department has successfully groomed the students and helped them to get settled in life. 'CHARIBETT' - Go Ahead is the ultimate motto of the Department of Bengali.

#### FACULTY MEMBERS

<i>Achintya Biswas</i>	<i>M.A., Ph.D.</i>
<i>Subhra Baisya (Dasgupta)</i>	<i>M.A., Ph.D. [Head]</i>
<i>Sumita Saha</i>	<i>M.A.</i>
<i>Jyotsna Dutta</i>	<i>M.A.</i>
<i>Soumi Das</i>	<i>M.A., Ph.D.</i>
<i>Guest Lecturer</i>	<i>1</i>

## DEPARTMENT OF ENGLISH

YEAR OF ESTABLISHMENT: The department was established before the Independence

COURSES Offered: The department offers Undergraduate Course in English Honours and Elective English as General course apart from Compulsory English.

THE Department recently started Communicative English Course for the betterment of the students.

### FACULTY MEMBERS

<i>Subhabrata Bhattacharya</i>	<i>M.A.,</i>
<i>Madhulina Bauri</i>	<i>M.A., M.Phil. [Head]</i>
<i>Jahira Hossain</i>	<i>M.A.</i>
<i>Shayari Dutta</i>	<i>M.A., M.Phil.</i>
<i>Guest Lecturer</i>	<i>2</i>

## DEPARTMENT OF HINDI

Department of HINDI is a Pre Independence department in the college. This department only deals with Modern Indian Language (Compulsory) for the students of 1<sup>st</sup> year degree courses.

### FACULTY MEMBER

<i>Mrityunjoy Kumar Pandey</i>	<i>M.A., Ph.D. [Head]</i>
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## DEPARTMENT OF URDU

The Department of Urdu was established pre-Independence. The department of Urdu teaches MIL -URDM (Modern Indian Language) for Three Years Degree Course under Graduate Level of B.A. (H) + (G), B.Sc. (G) + (G) & B.Com. (H) + (G).

### FACULTY MEMBER

<i>Bilquis Begum</i>	<i>M.A., Ph.D., [Head]</i>
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## DEPARTMENT OF SANSKRIT

Department of Sanskrit has been established in 1884 under the Calcutta University. Students are not only from the local area (Kolkata) but also from other neighboring area like Murshidabad, North Bengal, Sundarban etc. This Department also has been caring for the weaker and marginalized students of the society. Presently this Department has 259 students. To facilitate proper academic support there are 2 whole time with 4 Guest faculties along with 2 non-teaching members as supporting staff.

- ❖ Established in the Year 1884 under the Calcutta University
- ❖ Presently this Department has 259 total no. of students
- ❖ 1 Seminar library with more than 400 books
- ❖ Whole time teachers 2 with 4 Guest faculties

### FACULTY MEMBERS

<i>Swapan Majhi</i>	<i>M.A., Ph.D.</i>
<i>Anusrita Mondal</i>	<i>M.A., M.Phil. [Head]</i>
<i>Guest Lecturer</i>	<i>3</i>

## DEPARTMENT OF PHILOSOPHY

A heritage department of this college, the Department of Philosophy was established before Independence. From then on, this department has served by distinguished teachers who, though not renowned, have been eminent in their respective fields. Their motto has been to help their students learn to become 'human' first and to achieve this goal, they believed, the knowledge of philosophy would be the best weapon. To make our nation the best in the world, philosophical knowledge should be practiced in life. Through many generations, teachers of this department have been trying their best and we today, are striving to maintain this tradition and legacy of our predecessors

### FACULTY MEMBERS

<i>Supriya Pal Chaudhury</i>	<i>M.A.,</i>
<i>Reni Pal</i>	<i>M.A., M.Phil. [Head]</i>
<i>Aparajita Kundu</i>	<i>M.A., M.Phil.</i>

## DEPARTMENT OF HISTORY

The Department of History of Surendranath College has been in existence since the very inception of this institution in 1884. It has been sincerely catering to the needs of its students. It runs Under Graduate course. The faculty always strives hard to attend to the academic requirements of the students. All the teachers are associated with University Examinations as well. Though most of the students are from rural areas and belong to lower middle class families, yet the trends of success of the department are high and satisfactory.

### FACULTY MEMBERS

Gautam Sinha	M.A.,
Nitai Gayen	M.A. [Head]
Ujjal Biswas	M.A.
Gargi Tapaswi	M.A.

## DEPARTMENT OF POLITICAL SCIENCE

Department of POLITICAL SCIENCE is one of the oldest, Pre-Independence departments of the college. It had started its journey jointly with department of Economics in the erstwhile Ripon College since 1884. In 1960-61, the Calcutta University had separated the two as independent departments. We have both POLITICAL SCIENCE Honours and General course in Under Graduate level.

The faculty members of the department are the source of inspiration, which cares, shares and ensure that the students are guided to the right direction.

1. The Department under the leadership of Dr. Kumaresh Chakraborty took part and represented the College in the Workshop on "Youth Parliament Competition" – a State Government funded project held at the state Assembly House last year.
2. As a part of this Project, organized Interdisciplinary Essay Competition on "Socio-Economic Development in Parliamentary Democracy".

### FACULTY MEMBERS

Shanta Chatterjee	M.A., M.Phil.,
Paromita Chakraborty	M.A. [Head]
Dehjani Ghosal	M.A., Ph.D.
Guest Lecturer	1

## DEPARTMENT OF SOCIOLOGY

Department of SOCIOLOGY is new born departments of the college. It started its journey in the year 2004. We have both SOCIOLOGY Honours and General course in Under Graduate. The faculty members of the department think that each student is special and never loses faith in them, no matter how much success a student may attain.

### FACULTY MEMBERS

Nandini Guha	M.A.,
Kovena Ghosh	M.A. [Head]
L. Biva Samaddar	M.A., Ph.D

SUPPORT STAFF	Yogendra Prasad Singh	Peon
TEACHERS' ROOM	Sanjip Kr. Prasad	Ad-hoc
ATTENDANT To PRINCIPAL	Laxmi Gupta	Ad-hoc



## DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION



Department of JOURNALISM AND MASS COMMUNICATION is new born departments of the college. It started its journey in the year 2003. We have both JOURNALISM AND MASS COMMUNICATION Honours and General course in Under Graduate. The department has a seminar library, ICT enable lab cum classroom. Faculty members give individual attention to every student.

### FACULTY MEMBERS

Anshumitra Mustafi M.A. (Double)  
Chaitali Bhattacharyya M.A. [Head]  
Guest Lecturer 2

### SUPPORT STAFF

Rupa Chakraborty- Ad-hoc



## FACULTY OF SCIENCE

### DEPARTMENT OF ECONOMICS

Department of Economics is one of the oldest in 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 marginalized section of the society. This Department offers 2 UG courses (I) B.Sc. (Hons.) Degree Course and (II) B.A. /B.Sc. (General) Degree Course. Both of them are 3 years programme.

### STALWARTS OF THIS DEPARTMENT

- ❖ Prof. Bhabotosh Dutta (Ex-Teacher)
- ❖ Prof. Kunja Bihari Kundu (Ex-Teacher)
- ❖ Dr. Nilabja Ghosh (Ex-Teacher, currently in IEG, New Delhi)
- ❖ Bibhuti Bhushan Bandopadhyay (Alumni)

### SOME OF THE ESTABLISHED ALUMNI OF RECENT YEARS

- Arindam Bandopadhyay (Associate Prof, Amity University)
- Abhijit Sarkar (Sr. Vice President, Indicus Analytics)
- Seshawita Das (Assoc. Prof, Amity University),
- Shurankita Chakraborty (Cappemini)
- Subrata Majumder (Asst. Prof, Sunderban Mahavidyalay)
- Somsuvra Chakraborty (IGATE Global Solutions)
- Sanchita De (Guest Teacher, Gour Mohan Sachin Mandal Mahavidyalaya)
- Madhumita Bose (Manager, The Lalit Great Eastern)

Find us at: facebook, Economics Department Surendranath College (52 members and growing)  
<https://www.facebook.com/photo>

### FACULTY MEMBERS

Abanti Goswami M.A.  
Kausik Lahiri M.Sc., M.Phil., Ph.D. [Head]  
Ishani Waiba M.Sc., M.Phil.  
Guest Lecturer 2

### SUPPORT STAFF

Tinkari Bhushan Ghosh- Ad-hoc  
Amit Nag- Ad-hoc

"Poverty is not just a lack of money; it is not having the capability to realize one's full potential as a human being."

Amartya Sen



## DEPARTMENT OF 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. We have both MATHEMATICS Honours and General course in Under Graduate. The department has ICT enable classroom with one well equipped computer lab shared with the Statistics department. Faculty members give individual attention to every student as much as practicable to cater their needs. Regular evaluation through Online MCQ, Class tests etc.

### FACULTY MEMBERS

Tushar Kanti Saha	M.Sc., M.Phil., Ph.D.
Asis Basu	M.Sc., Ph.D.,
Netai Roy	M.Sc.
Bibhas Chandra Mondal	M.Sc., Ph.D. [Head]
Samir Kumar Biswas	M.Sc.
Soma Chatterjee	M.Sc., M.Phil.
Bulbul Sen	M.Sc.

### SUPPORT STAFF

Ashok Kr. Ghosh  
Skilled Laboratory attendant



"The limitations of his knowledge were as startling as its profundity. Here was a man who could work out modular equations and theorems...to orders unheard of, whose mastery of continued fraction was... beyond that of any mathematician in the world, who had found for himself the functional equation of zeta function and the dominant terms of many of the most famous problems in analytical theory of numbers; and yet he had never heard of a doubly periodic function or of Cauchy's theorem, and had indeed but the vaguest idea of what a function of complex variable was..." G.H. Hardy about Srinivasa Ramanujan

## DEPARTMENT OF STATISTICS

- General Course in 1997
- Honours Course in 2001

- At present there are 1 (one) contractual, 3(three) honorary part-time, 3 (guest lecturers) faculty member recruited by the college.
- At present there are 69 students in the Statistics honours course and more than 50 students in Statistics general course.
- All the students appearing in the final university exam, Passed out successfully.

### FACULTY MEMBERS

Champa Chakraborty	M.Sc., [Head]
Soma Chatterjee	M.Sc., M.Phil. [Hony. Faculty]
Bulbul Sen	M.Sc. [Hony. Faculty]
Guest Lecturer	3

### SUPPORT STAFF

Biswanath Bardhan  
Rekha Mahato  
Ad-hoc  
Laboratory attendant

### Mahalanobis distance

- Introduced by P. C. Mahalanobis in 1936
- A distance measure, based on correlations between the variables and by which different patterns could be identified and analyzed with respect to base or reference point (Taguchi & Jugulum, 2002)





## DEPARTMENT OF COMPUTER SCIENCE

The Department of Computer Science was inception in 1994. Surendranath College is the first college under Calcutta University which can get the credit to flag the honor of introducing this course. Hence the Department of Computer Science in Surendranath College bears a historical importance in this aspect. The teaching-learning process of the subject Computer Science in B.Sc. Pass level was begun in 1994 under the supervision of Prof. Birendra Narayan Roy, the then Head of the Department of Physics. He was the founder of the Department of Computer Science. The Honours course of the subject was started from 1996 under the Department of Physics and was controlled by the then departmental Head Prof. Atal Chowdhury. Eventually, the Department of Computer Science grew with an independent status in 2001 by the sincere effort of principal Dr. S. Samanta.

### FACULTY MEMBERS

Himadri Bhattacharyya M.Sc., M.Tech., Ph.D. Tech.  
[Head]  
Dhiman Karmakar M.Tech., MCA  
Tohida Rehman M.Tech. (On Lien)  
Guest Lecturer 8

### SUPPORT STAFF

Anil Kumar Rai Skilled Laboratory attendant  
Jhuma Pandey Laboratory attendant  
Sanjoy Adak Ad-hoc  
Anil Chandra Orang Ad-hoc  
Monalisha Dasgupta Ad-hoc



## DEPARTMENT OF GEOGRAPHY

The Department of Geography, Surendranath College, was established in September, 2001. It is presumed that the department is running with competence so far as undergraduate teaching-learning process is concerned. Because of the long standing demand of the locality and its people, esteemed Surendranath College has opened Geography (Hons.) courses in September, 2001. In 2014 Department of Geography was get another fully air-conditioned laboratory exclusively for part III students. In 2015 Department got a fully AC computer laboratory with 10(ten) computers for remote sensing and GIS study and practical implications.

### FACULTY MEMBERS

Bani Mukherjee M.Sc., [Head]  
Balaran Pal M.Sc.  
Guest Lecturer 9

### SUPPORT STAFF

Mongal Naskar Laboratory attendant  
Somen Bera Peon  
Bablu Chandra Das Laboratory attendant



## DEPARTMENT OF PHYSIOLOGY

Department of Physiology was founded in July 1958 with General course. Honours course started in the year July 1978. The Department is housed in two floors, one being at the ground floor of main building and the other at second floor of science building. Department has always been a star performer in terms of academics and results and one of most coveted department of the college. Dr. Madhusudan Ghosal the founder figure is still associated with this department as mentor and faculty. The department is fortunate of having very vibrant and closely associated alumni through efforts such as reunions and alumni meet. A significant numbers 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 equipments. Departmental faculties and support staff put in their best of efforts to cater to the need of the students.



### FACULTY MEMBERS

Susanta Kumar Patra	M.Sc., Ph.D.
Mira Sil Ghosh	M.Sc., Ph.D. [Head]
Sukti Chakraborty (Sinha)	M.Sc., M.Phil., Ph.D.
Subhrajit Banerjee	M.Sc., M.Tech.
Barnali Ray Basu	M.Sc., Ph.D.
Firdous Ahamed	M.Sc.
Vacant	1
Guest Lecturer	4

### SUPPORT STAFF

Amaresh Hazra	Skilled Laboratory attendant
Krishna Das Adhikary	Ad-hoc
Rajesh Kr. Sah	Ad-hoc

## DEPARTMENT OF ZOOLOGY

- ❖ The Journey of Department of Zoology dates back to the year 1959.
- ❖ One of the pioneer departments in this college to have an honours course.
- ❖ Department boasts of a rich museum with several preserved rare specimens, skeletal structures, corals and taxidermy collections.
- ❖ A spacious Department having 3 laboratories, 3 classrooms, 1 seminar room, 1 seminar library, instrument room, store room, 1 Teacher's room and an office for HOD.
- ❖ With 2 ICT enabled air conditioned classrooms and all essential scientific instruments the department is equipped with the best infrastructural facilities in college.
- ❖ The departmental seminar library has a total of 344 books. Other than books included in the undergraduate curriculum the library is enriched with reference books to give the students a deep insight about the subject.



### FACULTY MEMBERS

Adity Sarbjana	M.Sc., Ph.D.
Subhadra Roy	M.Sc., Ph.D. [Head]
Pritha Mondal	M.Sc.
Suman Tamang	M.Sc.
Tarikul Islam Goldar	M.Sc.
Chaitali Barman	M.Sc.
Manish Kanti Biswas	M.Sc., Ph.D.
Guest Lecturer	1



### SUPPORT STAFF

Rajesh Saha	Laboratory attendant
Chanchala Paul	Ad-hoc



## DEPARTMENT OF MICROBIOLOGY

Department of Microbiology of Surendranath College started its journey in the year 1999. Initially the college received an approval of 20 seats from University of Calcutta. Just one year previous to that Molecular Biology (General) was introduced to the college with one government approved post each of a teaching and a non teaching. However, despite request from the college, government did not sanction any post for the honours Department of Microbiology. As a result the two Departments, (Molecular Biology and Microbiology) runs in amalgamation with each other sharing all the resources. The Department, from the date of its inception is housed at the third floor of the Science building with two laboratories cum lecture rooms and one classroom. Presently, two more laboratories cum class rooms has been added. The entire Department including the teachers' room is air-conditioned. The Department possesses all necessary instrument and infrastructure to cater to its students. Initially the Department used to run with the help from faculties of other bioscience Departments. Almost every year students of this Dept. go abroad for pursuing Ph.D. after completing M.Sc. At least 8 students are abroad either have completed Ph.D. or ongoing. Numerous have completed Ph.D. and are established in their respective fields. Homely atmosphere, free interaction between teachers, students and non teaching make this Department exclusive for making the students a responsible citizen of future.

### FACULTY MEMBERS

Amar Chandra Das Ghosh	M.Sc., Ph.D.
Nilansu Das	M.Sc., Ph.D. [Hony. faculty]
Debalina Basu	M.Sc., Ph.D. [Head]
Bipasa Kundu Das	M.Sc., M.Phil.
Minakshi De	M.Sc., Ph.D.
Guest Lecturer	4

### SUPPORT STAFF

Golam Kuddus Mallick	Skilled Laboratory attendant
Subhajit Burman	Laboratory attendant
Salil Ghosh	Ad-hoc
Sharmistha Dey	Ad-hoc



FACULTIES GROUP PHOTOS WITH DUTY ROOM STUDENTS

## DEPARTMENT OF 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. Some of the eminent ex-teachers of this department - Prof. Atul Chandra Dutta, Prof. Kumud Sankar Das, Prof. Sachindra Nath Banerjee, Prof. Amal Mukherjee among many others.

### FACULTY MEMBERS

Sonali Ray	M.Sc.,
Baishali Pandit	M.Sc. [Head]
Jayanta Sikdar	M.Sc., Ph.D.
Suranjana Sarkar	M.Sc., Ph.D.
Dipasree Roychowdhury	M.Sc., Ph.D.
Amit Saha	M.Sc., Ph.D.
Kousik Ghosh	M.Sc., M.Tech.
Vacant	1

### SUPPORT STAFF

Saktipada Nayak	Skilled Laboratory attendant
Mehebab Laskar	Skilled Laboratory attendant
Nabin Mandi	Skilled Laboratory attendant
Tushar Kanti Giri	Ad-hoc



## DEPARTMENT OF PSYCHOLOGY

The Department of Psychology was established on 10th September, 2001. The department offers a Honours Degree and no degree in the General Course. The subjects which are offered as combinations: (B.A. Degree) General papers are: Sociology, History & Philosophy. (B.Sc. Degree) General papers are: Zoology & Physiology. The department has two laboratories with certain sets of instruments (on an average) per practical topic. The students access the books from the general library of the college. The library has about 169 books in psychology at present. Over the past 5 years the department has gradually acquired the various instruments required for practical work and the different subject-relevant books. 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 had newly introduced a Counselling Cell for the students of B.A./ B.Sc./ B.Com Part-III for providing guidance and helping them with their career assessment. This cell operates on every Saturday between 11.00a.m to 2.p.m.

A framework of the plan of action of the department for the next five years is as follows:

- ❖ Inviting experts in the subject from elsewhere to come and interact with the students and teachers and look into topics and sub-topics being taught as well as the method of teaching followed. Thereafter, seeking their expert advice and guidance and applying the same to teaching-learning sessions.
- ❖ Holding faculty meetings as well as teacher-student interactive sessions for the proper enhancement of classroom teaching.
- ❖ Conducting group discussions on topics on a regular basis.
- ❖ Assisting students to gather relevant information about a topic and arranging for them to conduct classes from time-to-time.
- ❖ Enhancing laboratory facilities through purchase of instruments.
- ❖ Organizing a seminar library in the department.
- ❖ Through such above mentioned means the teachers of the Department will try to meet the challenges and growing demands of upcoming future of this subject.



### SUPPORT STAFF

Tinkari Bhusan Ghosh Ad-hoc  
Sharada Yadav Ad-hoc

### FACULTY MEMBERS

Sujata Saha M.Sc.  
Papri Mauna M.Sc. [Head]  
Debashree Sinha M.Sc.  
Guest Lecturer 3



## DEPARTMENT OF MOLECULAR BIOLOGY

Department of MOLECULAR BIOLOGY was established in the year 1998 with General course in under Graduate and continuing in the same capacity.

### FACULTY MEMBERS

Nilansu Das M.Sc., Ph.D. [Head]  
Amar Chandra Das Ghosh M.Sc., Ph.D., [Hony. faculty]

### SUPPORT STAFF

Golam Kuddus Mallick Skilled Laboratory attendant

## FACULTY OF COMMERCE

## DEPARTMENT OF COMMERCE

Department of Commerce, being one of the oldest in this College established in 1921. Since then this department has been fulfilling the educational demand of good number of students not only for adjoining region but also other neighboring state viz Bihar, Jharkhand, Sikkim, Tripura etc. Since inception, this Department has been catering just - in- time service particularly to weaker and marginalized section of the society. This Department offers 2 UG courses (I) B.Com. (Hons.) Degree Course and (II) B.Com. (General) Degree Course. Both of them are 3 years programme. Presently this Department has 1972 total no. of students. To facilitate proper academic support there are 6 whole time teacher with 8 Guest faculties along with 3 non-teaching members as supporting staff.

### FACULTY MEMBERS

<i>Rathindranath Basu</i>	<i>M.Com., Ph.D.,</i>
<i>Prabir Kumar Bhaduri</i>	<i>M.Com., M.Phil., Ph.D. [Head]</i>
<i>Jafor Ali Akhan</i>	<i>M.Com., Ph.D., [Bursar]</i>
<i>Raju Mondal</i>	<i>M.Com.</i>
<i>Dipen Serpa</i>	<i>M.Com.</i>
<i>Dipankar Bera</i>	<i>M.Com.</i>
<i>Guest Lecturer</i>	<i>4</i>

### SUPPORT STAFF

<i>Jori Giri</i>	<i>Ad-hoc</i>
<i>Ratul Ghosh</i>	<i>Ad-hoc</i>
<i>Ashes Kr. Douli</i>	<i>Ad-hoc</i>



### COLLEGE LIBRARY



LIBRARY

◆ Surendranath College Library was started along with the establishment of the Surendranath College in pre-independence period in order to cater to the academic and research needs of the Faculty, Research Scholars, Students and Non teaching Staff. It is one of the old among college libraries. The college is proud of its Library. The total carpet area is 3283 Sq ft. Apart from Central Library the college has 15 Departmental Libraries under the faculty of Arts, Science, Commerce and Bio Science.

- ◆ Duration: Normal College hours on all working days except Sundays & holidays.
- ◆ Criteria for membership of Students: All regular students of this College are eligible for the membership.
- ◆ How to be a member: By producing acknowledgement card along with money receipt regular students can have the Library Card from Library.



LIBRARY



- ◆ Duration of membership: For an academic session only. Students must renew/ acquire their library cards for the next academic session, as they have to surrender their cards & borrowed books at the time of form fill up prior to University Exam (Library Clearance mandatory).
- ◆ Collection: More than 23,000 books are in the central Library and departmental Libraries. Apart from this almost 10,000 old & rare books are also there in the central Library.

### ◆ Current Facilities

- ☞ Internet facility
- ☞ Reference Service
- ☞ Clipping Service for the new arrivals.
- ☞ Reading facility of News Papers (One English, One Bengali, One Hindi) and Employment News (Bengali & English)
- ☞ The College is a subscriber of NLIST; an e-resource Consortium where from the users can download scholarly articles required by them directly from the publisher's website. The NLIST project provides access to more than 6,000 e-journals, 95,000 e-books and one database. It is an initiative of Union Human Resource and Development Ministry, Govt. of India.
- ☞ The library has been digitalized and Online Public Access Catalogue (OPAC) has been implemented.
- ☞ An e- Zone has been created in the library to provide internet facility for students and faculty members for accessing e-resources
- ☞ 1 students' reading zone has been created.
- ☞ Safe drinking water is available.

#### Library Staff

<i>Goutam Dutta</i>	<i>Librarian, M.Com., M.Phil., MLIS.</i>
<i>Niloy Kundu</i>	<i>Library Clerk</i>
<i>Gour Ch. Bhattacharya</i>	<i>Library Peon</i>
<i>Malati Chakraborty</i>	<i>Adhoc Staff</i>
<i>Priyanka Hazra</i>	<i>Adhoc Staff</i>
<i>Avijit Chakraborty</i>	<i>Adhoc Staff</i>

### ◆ Rules & Regulations

- ❖ Every Honours student may borrow 2 books at a time
- ❖ Pass/ General Students may borrow 1 book at a time
- ❖ For both cases they may retain the books for maximum 15 days
- ❖ Overdue charges beyond the stipulated time period may be imposed according to the library rules.
- ❖ Books are issued against requisition slip, duly filled up by the students themselves between 11-30 a.m. and 1-00 p.m. & they have to borrow it on the same day between 2 p.m. to 4-00 p.m.

- ❖ Students are allowed to go near the closed almirahs for the purpose of book selection. Manual & computerized catalogues are also there for this purpose.
- ❖ Please ensure the content of a book before borrowing it, as a borrowed book may not be taken back before stipulated time.
- ❖ Students are allowed to choose any books for their reference work after 2-00 p.m.  
Reference books are not allowed to borrow or students are not allowed to leave the reference desk with these books in any case.
- ❖ Students are bound to replace the book in case of loss or damage.
- ❖ Some rare marked books are there in the almirah & these are generally meant for reference purpose only.
- ❖ Keep silence and keep it clean. In all cases of controversies the Library Constitution and Library Rules & Regulation is the final.



## OFFICE

### FEATURES:

The college has an active office which has been renovated recently. It now wears a spank new look with a mezzanine floor. The office is fully computerized with **STUDENT PLUS & FINAWARE** software used to digitize documentation like student records, admission information and accounts etc. and is ready to cater students always.

### Duties for students:

- ADMISSION**
- REGISTRATION**
- CU FORM FILL UP**
- FEES COLLECTION**
- RE-EXAMINATION & SELF INSPECTION**
- RAILWAY CONCESSION**
- ALL KINDS OF CERTIFICATE, ADMIT CARD, MARK SHEET ISSUE**
- PREPARATION OF STUDENT ATTENDANCE**
- KEEPING OF ADMISSION LIST, REGISTRATION LIST, CANDIDATES LIST, CERTIFICATE LIST**

### OFFICE STAFF

Gautam Banerjee	Head Clerk	VACANT*	Accountant
Sanjib Sarkar	Clerk	Tanmoy Mukhopadhyay	Cashier
Khokan Naskar	Clerk	Bikash Mondal	Electrician cum Care taker

\*Temporarily Head Clerk is the in-charge of the office in absence of Accountant

Dipak Kumar Hela	Sweeper	Samir Majumdar	Guard/Darwan
Tinku Sahani	Sweeper	Rabi Hela	Peon
Haren Kumar Jana	Generator, Pump, Gas Plant Operator cum Mechanics		
Suparna Das	Peon		

### AD-HOC STAFF

Saswati Sanjal	Shibani Karmakar	Nilratan Banerjee	Dipak Kr. Kundu
Sujan Mukherjee	Tarun Kr. Roy	Shukla Datta Dey	Sangeeta Chakraborty
Nirmala Hela	Rupesh Dubey	Ajjur Rahaman Khan	Hira Ram



## OUTLINE OF CBCS SYSTEM

### OUTLINE OF CHOICE BASED CREDIT SYSTEM FOR B.A., B.Sc. / B.Com. HONOURS AND GENERAL COURSES BASED ON THE GUIDELINE OF UNIVERSITY OF CALCUTTA, 2018

As per UGC guideline Calcutta University has implemented CBCS (Choice Based Credit System) from the Academic session 2018-2019, which is a semester based evaluation system.

**There are 6 Semesters in 3 years.**

In this system followings are very important:

1. Once a student is admitted in a particular course in Semester-1, he/she has to continue with the same course for obtaining graduation degree from Calcutta University. (There is no provision of change of course).
2. As it is a credit system, Attendance of students are very essential to get good score.

A. A student attending less than 60% of the total number of classes\* held shall not be allowed to appear at the concerned Semester Examinations and he/she has to pursue admission to the same Semester in the very next year for attending the classes and appearing at the said Semester).

B. A student attending between 60% and 75% of the total number of classes\* held shall be allowed to appear at the concerned Semester Examinations subject to the payment of prescribed condonation fees and fulfillment of other conditions laid down in the regulations.

### OUTLINE OF CHOICE BASED CREDIT SYSTEM

**A) Core Course (CC):** A course, which should compulsorily be studied by a candidate as a core requirement is termed as a Core course.

**Modalities of selecting CC by a student of Honours/ General programme shall be as follows:**

- a) In case of B.A./B.Sc./B.Mus. Honours programme a student shall have to study a total of 14 Core courses of the Honours Subject as specified in the 6 semesters.
- b) In case of B.Sc./B.Mus. General Programme a student shall have to study 4 Core Courses of each of the 3 chosen subjects (4 X 3 = 12 Core Courses) as specified for each of the first 4 Semesters.
- c) In case of B.A. General programme a student shall have to study 4 Core Courses of each of the 2 chosen subjects (4 X 2 = 8) as specified for each of the first 4 Semesters. In addition 4 more Core Courses to be studied; two courses each from two language subjects: LCC1- English & LCC2- MIL (Bengali/Hindi/Urdu)/ Alternative English as specified for each of the last 4 semesters.

**B) Elective Course:** Generally a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/subject of study. A course which may provide an extended scope or may enable an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill is called an Elective Course.

**Discipline Specific Elective (DSE) Course:** Elective courses which may be offered by the main discipline/subject of study is referred to as Discipline Specific Elective. This course is to advance knowledge and skill in the core course domain.

**Modalities of selecting DSE by a student of Honours/ General programme shall be as follows:**

a) In case of B.A./B.Sc./B.Mus. Honours programme a student shall have to study 4 DSE courses strictly on the Honours subject. Such a student shall have to study the curriculum of DSE on the Honours subject concerned as specified for the relevant semester.

**Explanation:** Each Honours subject shall have two groups (A & B) of DSE papers. A student shall choose any one paper from each of Group A and Group B in fifth semester and sixth semester.

b) In case of B.A. General programme, a student shall have to study 4 DSE courses strictly on 2 subjects, opted for pursuing Core Courses, taking exactly 2 courses from each subject. Such a student shall have to study the curriculum of DSE of the subject concerned as specified for the relevant semester, i.e., DSE-A in the 5th and DSE-B in 6th semester.

**Explanation:** Each General subject shall have two groups (A & B) of DSE papers. A student shall have to choose one paper from Group A of each of the two subjects in the fifth semester and one paper from Group B of each of the two subjects in the sixth semester.

c) In case of B.Sc./B.Mus. General programme, a student shall have to study 6 DSE courses strictly on 3 subjects, opted for pursuing core courses, taking exactly two courses from each subject. Such a student shall have to study the curriculum of DSE of the subject concerned as specified for the relevant semester, i.e., DSE-A in the 5th and DSE-B in 6th semester.

**Explanation:** Each General subject shall have two groups (A & B) of DSE papers. A student shall have to choose one paper from Group A of each of the three subjects in fifth semester and one paper from Group B of each of the three subjects in sixth semester.

**Dissertation/Project:** An elective course designed to acquire special/advanced knowledge, is termed as dissertation/ project. This is considered as a special course involving application of knowledge in solving/ analyzing/ exploring a real life situation/ difficult problem. A dissertation/ project work will be of 6 credits. A dissertation/ project work may be given in lieu of a Discipline Specific Elective.

**Generic Elective (GE) Course:** An elective course chosen generally from an unrelated discipline/subject, with an intention to seek wide exposure, is called Generic Elective.

**Modalities of selecting GE by a student of Honours/ General programme shall be as follows:**

- a) In case of B.A./B.Sc./B.Mus. Honours programme, a student shall have to choose 4 Generic Elective papers strictly from 2 subjects of choice taking exactly two courses from each subject as specified for first 4 semesters.
- b) In case of B.A. General programme, a student shall have to choose 2 Generic Elective papers strictly from one particular subject [which will be different from the core subjects including the Core Languages (LCC1 & LCC2)] as specified for the 1st and 2nd semester.

**N.B.:** A core course offered in a discipline/subject may be treated as an elective by other discipline/subject and such electives may also be referred to as Generic Elective. [A Core Course (CC) of B.A./B.Sc.]

**C) Ability Enhancement Courses (AEC):** The Ability Enhancement Courses (AEC) may be of two kinds: Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC).

**a) Ability Enhancement Compulsory Courses (AECC):** AECC courses are the courses based upon the content that leads to Knowledge enhancement. These are mandatory for all disciplines.

- i) AECC1: Communicative English / MIL (Bengali/Hindi/Urdu);
- ii) AECC2: Environmental Studies.

**b) Skill Enhancement Courses (SEC):** These courses may be chosen from a pool of courses designed to provide value-based and/or skill-based knowledge and are aimed at providing competencies, skills, etc.

**Modalities of selecting SEC by a student of Honours/ General programme shall be as follows:**

a) In case of B.A./B.Sc./B.Mus. Honours programme a student shall have to study 2 skill enhancement courses strictly on the Honours subjects. Such a student shall have to study the curriculum of SEC on the Honours subjects concerned as specified for the relevant semester, i.e., SEC-A in the 3rd semester and SEC-B in the 4th semester.

**Explanation:** Each Honours subject shall have two groups (A & B) of Skill Enhancing Course papers. An Honours student shall have to choose one paper from Group A in third semester and one paper from Group B in fourth semester.

b) In case of B.A. General programme, a student shall have to study 4 Skill Enhancement courses strictly on 2 subjects, opted for pursuing Core Courses, taking exactly 2 courses from each subject. Such a student shall have to study the curriculum of SEC of the subject concerned as specified for the relevant semester.

**Explanation:** Each General subject shall have two groups (A & B) of SEC papers. A student shall have to choose one paper from Group A of each of the two core subjects in the third and fifth semesters and one paper from Group B of each of the two core subjects in the fourth and sixth semester.

c) In case of B.Sc./B.Mus. General programme, a student shall have to study 4 Skill Enhancement Courses strictly on 2 subjects out of the three, opted for pursuing core courses, taking exactly two courses from each subject. Such a student shall have to study the curriculum of SEC of the subject concerned as specified for the relevant semester.

**Explanation:** Each General subject shall have two groups (A & B) of SEC papers. One paper from Group A of two core subjects to be chosen in the third and fifth semester; one paper from Group B of each of the two Core subjects to be chosen in the fourth and sixth semester.

**Practical/ Tutorial:** Every Core, Discipline Specific and Generic Elective Course shall have a Practical/ Tutorial component. Wherever there is a practical, there will be no Tutorial and vice-versa

#### Course Structure for B.A./B. Sc./B.Mus. (Honours/General)

Course Components	B.Sc.		B.A.		B.Mus.	
	Honours	General	Honours	General	Honours	General
Core Course (CC)	14	12*	14	8**	14	12*
Language Core Course (LCC)	0	0	0	4**	0	0
Generic Elective (GE)	4**	0	4**	2	4**	0
Discipline Specific Elective (DSE)	4	6*	4	4**	4	6*
Ability Enhancement Compulsory Course (AECC)	2	2	2	2	2	2
Skill Enhancement Elective Course (SEC)	2	4**	2	4**	2	4**
Total no. of courses	26	24	26	24	26	24

\*Covering three subjects

\*\*Covering two subjects

#### Credit Structure for B.A./ B. Sc. (Honours) Courses

Course Type & Credit	Number of Courses x Credit (With practical)		Number of Courses x Credit (With Tutorial)	
	Theory	Practical	Theory	Tutorial
Core Course (CC)(6)	14x4=56	14x2=28	14x5=70	14x1=14
Generic Elective (GE) (6)	4x4=16	4x2=8	4x5=20	4x1=4
Discipline Specific Elective (DSE) (6)	4x4=16	4x2=8	4x5=20	4x1=4
Ability Enhancement Compulsory Course (AECC)(2)	2x2=4	0	2x2=4	0
Skill Enhancement Course(SEC) (2)	2x2=4	0	2x2=4	0
Total Courses (Credits)	26(96)	22(44)	26(118)	22(22)

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#### Credit Structure for B. Sc. (General) Courses

Course Type & Credit	Number of Courses x Credit (With Practical)		Number of Courses x Credit (With Tutorial)	
	Theory	Practical	Theory	Tutorial
Core Course (CC)(6)	12x4= 48	12x2=24	12x5=60	12x1=12
Discipline Specific Elective (DSE) (6)	6x4=24	6x2=12	6x5=30	6x1=6
Ability Enhancement Compulsory Course (AECC)(2)	2x2=4	0	2x2=4	0
Skill Enhancement Course(SEC) (2)	4x2=8	0	4x2=8	0
Total Courses (Credits)	24(84)	18(36)	24(102)	18(18)

Total Courses= 42 (24TH+18P/TU) Total Credits= 120 (84TH+36P) / (102TH+18P)

#### Credit Structure for B.A. (General) Courses

Course Type & Credit	Number of Courses x Credit (With practical)		Number of Courses x Credit (With Tutorial)	
	Theory	Practical	Theory	Tutorial
Core Course (CC)(6)	8x4=32	8x2=16	8x5=40	8x1=8
Language (LCC) (With Tutorial only) (6)	4x5=20	4x1=4	4x5=20	4x1=4
Generic Elective (GE)(6)	2x4=8	2x2=4	2x5=10	2x1=2
Discipline Specific Elective (DSE) (6)	4x4=16	4x2=8	4x5=20	4x1=4
Ability Enhancement Compulsory Course (AECC)(2)	2x2=4	0	2x2=4	0
Skill Enhancement Course(SEC) (2)	4x2=8	0	4x2=8	0
Total Courses (Credits)	24(88)	18(32)	24(102)	18(18)

SNC/PROSPECTUS 2018-2019

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### Semester-wise Courses for B.A./B.Sc. (Honours)

	Sem-1	Sem-2	Sem-3	Sem-4	Sem-5	Sem-6
<b>Core Course (CC)</b>	2TH+2P/TU CC-1 & 2	2TH+2P/TU CC-3&4	3TH+3P/TU CC-5,6 & 7	3TH+3P/TU CC-8, 9 & 10	2TH+2P/TU CC-11 & 12	2TH+2P/TU CC-13&14
<b>Generic Elective (GE)</b>	1TH+1P/TU GE-1	1TH+1P/TU GE-2	1TH+1P/TU GE-3	1TH+1P/TU GE-4		
<b>Discipline Specific Elective (DSE)</b>					2TH+2P/TU DSE-A(1) B(1)	2TH+2P/TU DSE-A(2) B(2)
<b>Ability Enhancement Compulsory Course (AECC)</b>	1TH+0P/TU AECC-1	1TH+0P/TU AECC-2				
<b>Skill Enhancement Course (SEC)</b>			1TH+0P/TU SEC-A(1)	1TH+0P/TU SEC-B(2)		
<b>Total No. of Courses and Marks</b>	4 × 100 = 400	4 × 100 = 400	5 × 100 = 500	5 × 100 = 500	4 × 100 = 400	4 × 100 = 400
<b>Total Credits</b>	20	20	26	26	24	24

TH= Theory P= Practical TU=Tutorial

- ❖ CC/GE/ DSE : Each Theory and Practical Course have 4 and 2 Credits respectively/ Each Theory and Tutorial Course have 5 and 1 Credit(s) respectively
- ❖ GE: Covering two subjects with two courses each; any subject in any semester; CC of a different subject in General course is to be treated as GE for Honours Course
- ❖ DSE/SEC: Group (A & B) for specified semesters
- ❖ AECC/SEC : Each Course has 2 Credits
- ❖ AECC-1: Communicative English / MIL; AECC-2: Environmental Studies

### Semester-wise Courses for B. Sc. (General)

	Sem-1	Sem-2	Sem-3	Sem-4	Sem-5	Sem-6
<b>Core Course (CC)</b>	3TH+3P/TU CC-1	3TH+3P/TU CC-2	3TH+3P/TU CC-3	3TH+3P/TU CC-4		
<b>Discipline Specific Elective (DSE)</b>					3TH+3P/TU DSE-A (1A+2A+3A)	3TH+3P/TU DSE-B (1B+2B+3B)
<b>Ability Enhancement Compulsory Course (AECC)</b>	1TH+0P/TU AECC-1	1TH+0P/TU AECC-2				
<b>Skill Enhancement Elective (SEC)</b>			1TH+0P/TU SEC-A	1TH+0P/TU SEC-B	1TH+0P/TU SEC-A	1TH+0P/TU SEC-B
<b>Total No. of Courses and Marks</b>	4 × 100 = 400	4 × 100 = 400	4 × 100 = 400	4 × 100 = 400	4 × 100 = 400	4 × 100 = 400
<b>Total Credits</b>	20	20	20	20	20	20

TH= Theory P= Practical TU=Tutorial

- ❖ CC/DSE : Each Theory and Practical Course have 4 and 2 Credits respectively/ Each Theory and Tutorial Course have 5 and 1 Credit(s) respectively
- ❖ CC: 4 courses each from 3 subjects (one course from each subject under each semester)
- ❖ DSE : 2 courses each from 3 subjects (one course from each subject under each semester)
- ❖ AECC/SEC : Each Course has 2 credits
- ❖ AECC-1 : Communicative English/ MIL; AECC-2: Environmental Studies
- ❖ SEC: 4 courses; two courses each from two subjects
- ❖ DSE/SEC : Group (A & B) for specified semesters

Semester-wise Courses for B. A. (General)

	Sem-1	Sem-2	Sem-3	Sem-4	Sem-5	Sem-6
Core Course (CC)	2TH+2P/TU CC-1	2TH+2P/TU CC-2	2TH+2P/TU CC-3	2TH+2P/TU CC-4		
Language(LCC)			1TH+1TU LCC1(1)	1TH+1TU LCC2(1)	1TH+1TU LCC1(2)	1TH+1TU LCC2(2)
Generic Elective (GE)	1TH+1P/TU GE-1	1TH+1P/TU GE-2				
Discipline Specific Elective (DSE)					2TH+2P/TU DSE-A (1A+2A)	2TH+2P/TU DSE-B (1B+2B)
Ability Enhancement Compulsory Course (AECC)	1TH+0P/TU AECC-1	1TH+0P/TU AECC-2				
Skill Enhancement Elective (SEC)			1TH+0P/TU SEC-A	1TH+0P/TU SEC-B	1TH+0P/TU SEC-A	1TH+0P/TU SEC-B
Total No. of Courses and Marks	4 x100 =400	4 x100 =400	4 x100 =400	4 x100 =400	4 x100 =400	4 x100 =400
Total Credits	20	20	20	20	20	20

TH= Theory P=Practical TU= Tutorial

- ❖ CC/LCC/GE/DSE : Each Theory and Practical Course have 4 and 2 Credits respectively/ Each Theory and Tutorial Course have 5 and 1 Credit(s) respectively
- ❖ CC : 4 courses each from 2 subjects (one course from each subject under each semester)
- ❖ LCC : LCC1-English courses; LCC2- Mil./Alternative English
- ❖ GE : Two courses from one subject different from core subjects including LCC
- ❖ DSE : 2 courses each from 2 subjects
- ❖ AECC/SEC : Each Course has 2 Credits
- ❖ AECC-1 : Communicative English/MIL, AECC-2 : Environmental Studies
- ❖ SEC : 4 courses; 2 courses each from two subjects
- ❖ DSE/SEC : Group (A & B) for specified semesters

ADMISSION CRITERIA

MARKS CRITERIA FOR ADMISSION IN B.A., B.Sc., B.Com (HONOURS AND GENERAL)

❑ A minimum of 50% marks in the aggregate and 45% marks in the subject or related subject at the previous qualifying examination.

OR

❑ 55% marks in the subject or related subject at the previous qualifying examination.

OR

❑ 50% marks in the aggregate when the candidate has not studied the subject in his/her previous qualifying examination provided all other clauses are satisfied.

❑ Candidates belonging to Reserved Categories taking up Honours Course of Study must have obtained a minimum of 40% marks in the aggregate or 40% marks in the subject or related subjects at the previous qualifying examination, as the case may be.

A candidate shall be allowed to take up the subject(s) under heading "A" if he/she had passed the subject (s) under heading "B" at the previous qualifying examination

- | A                    | B   |
|----------------------|---|
| 1. Mathematics       | 1. Mathematics/Business Mathematics                           |
| 2. Statistics        | 2. Statistics/Business Mathematics / Mathematics              |
| 3. Physics           | 3. Physics and Mathematics                                    |
| 4. Chemistry         | 4. Chemistry  |
| 5. Zoology           | 5. Zoology/Biology/ Bio-Technology                            |
| 6. Botany            | 6. Botany/Biology/Bio-Technology                              |
| 7. Physiology        | 7. Physiology/Biology/Bio-Technology                          |
| 8. Molecular Biology | 8. Biology/ Bio-Technology and Chemistry/ Physics             |
| 9. Microbiology      | 9. Biology/ Bio-Technology and Chemistry/ Physics             |
| 10. Computer Science | 10. Mathematics & any one of Physics/ Statistics/Computer Sc. |

SPECIAL CONDITIONS FOR ADMISSION TO THE FOLLOWING HONOURS COURSES

- (i) **Economics:** A Candidate shall be allowed to take up Honours in Economics if he/she has passed in Mathematics at the H.S. Examination (10+2) conducted by the West Bengal Council of H.S. Education or its equivalent examination in Mathematics/ Business Mathematics. Students who have passed Business Economics including Business Mathematics in H.S. (10+2) level from West Bengal Council of H.S. Education are also eligible for admission in the Honours Course in Economics. Candidates of Economics Honours have to take up Mathematics as one of the elective subjects.
- (ii) **Mathematics:** A candidate shall be allowed to take up Honours in Mathematics if he/she has passed in Mathematics at the previous qualifying examination. **A candidate who has passed in Business Mathematics is not eligible for admission to the Mathematics Honours Course.**
- (iii) **Chemistry:** A candidate shall be allowed to take up Honours in Chemistry if he/she has passed in Physics, Chemistry and Mathematics at the previous qualifying examination.

(iv) **Microbiology:** A candidate shall be allowed to take up Honours in Microbiology if he/she has passed in Chemistry in the previous qualifying Examination. Honours have to take up **Chemistry as one of the elective subjects.**

(v) **Physiology:** A candidate shall be allowed to semester-wise Honours in Physiology if he/she has passed the subject Physiology/Biology/Bio-Technology and **Chemistry** in the previous qualifying examination. The subject Biology/Bio-Technology may be treated as the related subject.

(vi) **Computer Science:** The combination of subjects for Computer Science Hons. Course shall be Mathematics as one of the General subjects and any one of the following subjects: either Physics or Statistics.

(vii) **Philosophy:** If the candidate has not studied Philosophy as a subject in the previous qualifying examination then **Psychology/Math/Education/Sociology/Political Science** be treated as related subjects.

(viii) **Sociology:** Candidates passed the previous qualifying examination (10+2) in Science/Humanities/Arts (except Commerce) stream with any subject will be allowed to get admission in Sociology (Honours).

### SUBJECT COMBINATION

#### SUBJECT COMBINATION FOR HONOURS COURSES IN OUR COLLEGE

COURSE	SECTION	HONOURS (CORE COURSE)	GENERIC ELECTIVE	
			1	2
B.Sc. Bio Sc. (H)	A	BOTANY	ZOOLOGY/MOLECULAR BIOLOGY	PHYSIOLOGY/ CHEMISTRY
		ZOOLOGY	BOTANY/MOLECULAR BIOLOGY	PHYSIOLOGY/ CHEMISTRY
		PHYSIOLOGY	ZOOLOGY/MOLECULAR BIOLOGY	BOTANY/ CHEMISTRY
		MICRO-BIOLOGY	ZOOLOGY/MOLECULAR BIOLOGY	BOTANY/ ZOOLOGY/PHYSIOLOGY
		PSYCHOLOGY	CHEMISTRY (Compulsory)	BOTANY/ PH/IOLOGY
B.Sc. Pure Sc. (H)	B	CHEMISTRY	MATHEMATICS/ COMPUTER SC.	STATISTICS/ PHYSICS
		COMPUTER SC.	MATHEMATICS (Compulsory)	STATISTICS/ PHYSICS
		ECONOMICS	MATHEMATICS (Compulsory)	STATISTICS/ COMPUTER SC./POL. Sc.
		GEOGRAPHY	MATHEMATICS/ ECONOMICS	STATISTICS/ POLITICAL Sc.
		MATHEMATICS	PHYSICS/ COMPUTER SC.	STATISTICS/ CHEMISTRY
		PHYSICS	MATHEMATICS/ COMPUTER SC.	STATISTICS/ CHEMISTRY
		STATISTICS	MATHEMATICS/ COMPUTER SC.	ECONOMICS/ POLITICAL Sc.
B.A. (H)	C	BENGALI	HISTORY/ POLITICAL Sc./ PHILOSOPHY	SANSKRIT/ SOCIOLOGY
		ENGLISH	HISTORY/ POLITICAL Sc.	PHILOSOPHY/ SOCIOLOGY/ JOURNALISM & MASS COM
		HISTORY	ENGLISH/ POLITICAL Sc.	PHILOSOPHY/ SOCIOLOGY
		JOURNALISM & MASS COM	HISTORY/ POLITICAL Sc.	ENGLISH/ BENGALI/ SOCIOLOGY
		PHILOSOPHY	HISTORY/ POLITICAL Sc.	SANSKRIT/ SOCIOLOGY
		POLITICAL SC.	HISTORY/ PHILOSOPHY	SANSKRIT/ SOCIOLOGY
		PSYCHOLOGY	HISTORY/ POLITICAL Sc.	ENGLISH/ SOCIOLOGY
		SANSKRIT	HISTORY/ POLITICAL Sc.	PHILOSOPHY/ BENGALI/ SOCIOLOGY
		SOCIOLOGY	HISTORY/ POLITICAL Sc.	PHILOSOPHY/ ENGLISH
				GR-B
B.Com (H)	D	ACCOUNTING & FINANCE	GR-A	

\*ONLY 1 GENERIC ELECTIVE IS TO BE TAKEN PER SEMESTER

#### SUBJECT COMBINATION FOR GENERAL COURSES IN OUR COLLEGE

COURSE	SECTION	HONOURS (CORE COURSE)	GENERIC ELECTIVE	
			1	2
B.Sc. Bio Sc. (G)	A1	BOTANY / ZOOLOGY/ PHYSIOLOGY/ MOLECULAR BIOLOGY (ANY 3 SUBJECTS)		
B.Sc. Pure Sc. (G)	B1	MATHEMATICS PHYSICS /STATISTICS/ CHEMISTRY (ANY 3 SUBJECTS)		
B.A. (G)	C	CORE COURSE (GROUP-1)- HISTORY/ POLITICAL Sc./ PHILOSOPHY (ANY 1 SUBJECT FROM GROUP-2) AND CORE COURSE (GROUP-2)- SANSKRIT/ SOCIOLOGY/ BENGALI (ANY 1 SUBJECT FROM GROUP-2) AND GENERIC ELECTIVE (GROUP-3)- HISTORY/ POLITICAL Sc./ PHILOSOPHY/ SOCIOLOGY/ BENGAL (ANY 1 SUBJECT FROM GROUP-3) NOT TAKEN AS CORE COURSE FROM GR-1 OR GR-2)		
B.Com (G)	D	AS PER SYLLABUS OF CALCUTTA UNIVERSITY		

### EXAMINATION REGULATION

☐ The 3 year B.A. /B.Sc. (Honours and General) Course of Studies under CBCS shall consist of Six (6) Semesters (Semester-I, Semester-II, Semester-III, Semester-IV, Semester-V and Semester-VI).

☐ End Semester Examinations are to be held ordinarily at the end of the concerned Semester. I.e., Semester-I, Semester-III, Semester-V in **December-January** and Semester-II, Semester-IV, Semester-VI in **June-July**.

☐ End Semester Examinations will be held for 80% of the total marks in each paper and Internal Assessment shall be for 20% of the total marks of each paper/subject/module. 50% of the total marks assigned to Internal Assessment (i.e., 10 marks for a full paper of 100 or 5 marks for a Module of 50, as the case may be) will be assessed on the basis of Internal Examination and remaining 50% will be assessed based on the class attendance (6 marks for attending 60% or above but less than 75% of the number of lectures delivered; 8 marks for attending 75% or above but less than 90% of the number of lectures delivered; and 10 marks for attending 90% or above of lectures delivered and such attendance will be calculated from the date of commencement of classes or date of admission whichever is later).

The students are to be informed about the modalities of internal assessment well in advance.

#### ☐ End Semester Examinations Duration

Subjects	Marks	Duration
Theoretical papers (other than AECC)	100/50	4/2 hours
Theoretical papers (other than AECC)	65-80	3 hours
Practical papers/Tutorial	Up to 30	3 hours maximum*
Practical papers/Tutorial	Above 30	5 hours maximum*
AECC-1 (Com. Eng. /MIL) (MCQ pattern)	80	2 hours
AECC-2 (Env. Studies) Theoretical paper (MCQ pattern)	50	1 hour 30 minutes

\*Actual duration of the Practical examination to be determined by the concerned Board of Studies and duly approved by the appropriate authorities.

#### ☐ Question papers shall be set in English version only for the Honours papers of the following subjects

Physics, Chemistry, Mathematics, Botany, Zoology, Physiology, Computer Science, Biochemistry, Microbiology, Anthropology, Electronics, Statistics, Geology, Molecular Biology, Food & Nutrition, Geography and Psychology.

#### ☐ Medium of Answer

For examinations in subjects other than language-based ones candidates shall have the option of writing their answers in either Bengali or English unless instructed otherwise in respective question paper(s). For examinations in language-based subjects (e.g., Bengali, Hindi, Urdu, English etc.) candidates shall have to write their answers in the respective language only.

**□ An Examination shall be held always under the current syllabus**

First semester classes for B.A./B.Sc./B.Mus. courses of studies shall commence ordinarily within thirty days from the date of publication of results of the H.S. Examination of the year conducted by the West Bengal Council of Higher Secondary Education. Classes for second semester to sixth semester shall commence ordinarily within seven days from the date of completion of lower semester examination of the year respectively (e.g. class of 2<sup>nd</sup> semester shall commence within seven days from the completion of 1<sup>st</sup> semester examination).

□ An affiliated College/Institution shall submit application forms in prescribed format duly filled in by the candidates intending to appear at the said examination(s) to the Controller of Examinations within the last date fixed by the University. Admit Card for an examination shall not be issued to the college concerned in favour of a candidate unless his/her application is duly filled-up in all respects and particularly in regard to: i) date of admission to the first semester class with current subject combination, ii) year of first appearance in the examination of the semester concerned and iii) year(s) of appearance (s) in the semester-I/semester-II/ and semester-III / semester-IV/ semester - V/ semester-VI Examinations as the case may be together with the results thereof and such other information as may be required from time to time and duly endorsed by the Principal testifying his/her a) good conduct, b) requisite attendance record in theoretical and practical/tutorial classes in each of the subjects in which he/she intends to appear and c) eligibility under this regulations for appearance at the concerned examination and in the said subject(s).

□ A candidate pursuing **Honours Course of Study** has to secure 30% marks (excluding the marks in Internal Assessment) separately in Theory and Practical/Tutorial part of each paper, wherever applicable, at the End Semester Examinations, and a minimum of 30% marks in each paper (including marks in Internal Assessment) in order to earn the corresponding credit of the concerned paper and a minimum of CGPA 4.000 (including Internal Assessment) taking all the papers of all the Semesters as a whole, i.e., all **CC, DSE, SEC, GE & AECC** papers, in order to get the Honours Degree.

□ If a candidate pursuing **Honours Course of Study** secures 30% marks (excluding the marks in Internal Assessment) separately in Theory and Practical/Tutorial part of each paper, wherever applicable, at the End Semester Examinations, and a minimum of 30% marks in each paper (including Internal Assessment), but fails to secure a minimum of CGPA 4.000 (including Internal Assessment) taking all the papers of all the Semesters as a whole, i.e., all **CC, DSE, SEC,**

□ **GE & AECC** papers, will get the General Degree. However, such candidate may re-appear at the 5<sup>th</sup> End Semester Examinations or 6<sup>th</sup> End Semester Examinations or both, when such examinations will be held next, within the stipulated period of five years in order to get a minimum of CGPA 4.000 and get the Honours Degree. In case, such examinee fails to obtain a minimum of CGPA 4.000, the previous status based on previous aggregate will be retained and such candidate will not be declared as having obtained General Degree again.

□ A candidate pursuing **General Course of Study** has to secure 30% marks (excluding the marks in Internal Assessment) separately in Theory and Practical/Tutorial part of each paper, wherever applicable, at the End Semester Examinations and a minimum of 30% marks in each paper (including marks in Internal Assessment) in order to earn the corresponding credit of the concerned paper and to get the General Degree.

□ A candidate who is eligible to appear at any of the End Semester Examinations does not enroll or does not appear at the examinations or fails to secure pass marks in the paper(s) at the concerned examinations, as stated in **Clauses 19.1, 19.2, 19.3** above, as well as a candidate not eligible to appear at the end semester examination, as stated in **Clause 6**, will be allowed to attend the classes in the next higher semester, as applicable.

□ Internal Assessment has to be done in the semester in which a candidate becomes eligible to appear in the concerned End Semester Examination. The candidates remaining absent in the internal examination will be awarded zero (0) marks. Marks obtained in Internal Assessment (i.e., marks for attendance and marks of internal examination taken together) shall be retained for the entire duration of his/her enrolment.

□ If a candidate secures pass marks in Practical Paper(s)/ Module(s)/ Project Work/ Tutorial but fails to secure pass marks in Theoretical paper(s)/ module, the marks of Practical Paper(s)/ Module(s)/ Project Work/ Tutorial along with Internal Assessment shall be retained.

□ A candidate may appear at any higher End Semester Examination without appearing at lower End Semester Examinations subject to **Clause 6**.

□ A candidate may continue his/her course of study for the next higher Semester without appearing at the lower End Semester Examinations subject to **Clause 6**.

□ A candidate who fails to secure pass marks (as stated in **Clauses 19.1, 19.2, 19.3** above) in one or more papers of a semester may appear in those paper(s) when the concerned End Semester Examinations will be held next.

**□ Re-examination/Review**

i. Re-Examination/review is applicable only for Theoretical papers of different End Semester Examinations of 3 year B.A./B.Sc./B.Mus. Course of Studies. Re-examination/ review is not permissible for Internal Assessment, Practical & Tutorial Examinations and Project Work.

ii. A candidate will be eligible to re-examine/review his/her script if he/she appears at the concerned Semester examination as a whole.

iii. A student shall be allowed to apply for re-examination/ review of not more than 2(two) Theoretical papers/modules in each semester i.e. **CC, DSE, SEC and GE** for Honours Courses and **CC, DSE, SEC and GE (wherever applicable)** for General Courses, taken together, provided that he/she has scored qualifying marks, i.e., 30% in the remaining papers of that Semester.

iv. In re-examination of papers for any End Semester Examinations of 3 year B.A./B.Sc./B.Mus. Courses, then marks awarded by the re-examiner in a paper will be taken as the marks obtained by the candidate in that paper. If on re-examination/review of a paper, the marks get enhanced by more than 15% or get reduced by more than 5% than that awarded by the original examiner (the percentage is to be calculated on the basis of the full marks in that paper), the script of the paper shall be referred to a third examiner. Among the marks awarded by three examiners, i.e., original examiner, second examiner (re-examiner) and the third examiner, the average of the two closer marks obtained will be awarded, provided that such a final award does not result in lowering of the **grade point** obtained by the candidate prior to re-examination/review in which cases the original award be retained.

**□ Cancellation of Examination**

Candidate may apply through the Principal for cancellation of enrollment of the concerned end semester examination within fifteen working days from the date of completion of theory papers of the said examinations. Such option for cancellation of examination once exercised cannot be revoked.

**□ Grace Marks**

A candidate who fails to obtain pass mark in any paper(s) in any semester for shortage of one mark shall be awarded one grace mark in such paper(s).

**□ Degree**

i) If a candidate pursuing Honours Course of Study clears all the papers and secures a minimum of CGPA 4.000 will be declared as obtaining B.A./B.Sc./B.Mus. (Honours) Degree with his/her CGPA and corresponding Letter Grade (C+, B, B+, A, A+ or A++).

ii) If a candidate pursuing Honours Course of Study clears all the papers and secures a minimum of CGPA 3.000 but less than 4.000 will be declared as obtaining B.A./B.Sc./B.Mus (General) Degree with his/her CGPA and corresponding Letter Grade (C).

iii) If a candidate pursuing General Course of Study clears all the papers and secures a minimum of CGPA 3.000 will be declared as obtaining B.A./B.Sc./B.Mus (General) Degree with his/her CGPA and corresponding Letter Grade (C, C+, B, B+, A, A+ or A++).

iv) A candidate, after successful completion of a three-year degree course B.A. / B.Sc. / B.Mus. (Honours/General) shall not be entitled to seek admission in any of the said courses of this University.

- ❑ **Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)** A 10-point grading system shall be followed for the purpose of Grade Point Calculation, as shown below.

**PERCENTAGE OF MARKS GRADES NUMERICAL GRADE POINTS**

>=90% to 100% A++ 9.0 - 10
>80% but < 90% A+ 8.0 - 8.9
>70% but < 80% A 7.0 - 7.9
>60% but < 70% B+ 6.0 - 6.9
>50% but < 60% B 5.0 - 5.9
>40% but < 50% C+ 4.0 - 4.9
>30% but < 40% C 3.0 - 3.9
< 30% F 0
Absent Ab 0

- i) Numerical Grade Point shall not be calculated in respect of a failed paper  
 ii) The multiplicative factors shall be 0.10 for all Grades for the purpose of calculating numerical Grade Point.

**Example :**

If the student secures P%, where P >= 30 his/her grade point will be  $3.0 + \{(P - 30) \times 0.1\}$  or simply  $30 \times 0.10 = 3$   
 If a student scores 52% in a particular paper, his/her grade point for the paper will be  $3.00 + 0.1 \times 22 = 5.20$  or simply,  $52 \times 0.10 = 5.2$

❑ **Semester Grade Point Average (SGPA)**

The Semester Grade Point Average (SGPA) will be the weighted average of the numerical grade points obtained in all the papers of the given semester, where Weights refer to the Credits assigned to the concerned papers. If the Numerical Grade Points obtained by a student in different papers of a Semester are denoted by P<sub>i</sub> and the credit of the corresponding papers are denoted by C<sub>i</sub>, the SGPA will be  $[\sum(P_i \times C_i) / \sum C_i]$  where i=1 to n, and n= no. of papers in the Semester. The SGPA shall be shown in the mark sheet up to the third decimal point.

❑ **Cumulative Grade Point Average (CGPA)**

Cumulative Grade Point Average (CGPA) over six semesters shall be the weighted average of the six SGPA's.  $CGPI = (\sum(SGPI_j \times C_j) / \sum C_j)$  where j = 1 to 6. CGPA shall be calculated and shown up to three decimal places. SGPA<sub>j</sub> is the SGPA of the j<sup>th</sup> Semester (j=1 to 6) and C<sub>j</sub> is the total credit of j<sup>th</sup> Semester used for Grade Point Calculation.

**THE GRADE OF THE CANDIDATE ON THE BASIS OF CGPA WILL BE AS FOLLOWS:**

**CGPA Letter Grade Remarks**

9.000 - 10.000 A++ Outstanding
8.000 - 8.999 A+ Excellent
7.000 - 7.999 A Very Good
6.000 - 6.999 B+ Good
5.000 - 5.999 B Average
4.000 - 4.999 C+ Fair
3.000 - 3.999 C Satisfactory
0.000 - 2.999 F Fail

Both SGPA and CGPA will be rounded off to the third place of the decimal and will be shown as such on the grade sheet. The grade sheet issued at the end of each semester shall include the total marks obtained in each paper / module as well as the SGPA, the total marks obtained in that semester and the credit earned in the semester concerned. The final grade sheet, on completion of six semesters, shall include the SGPA of six semesters, CGPA, Letter Grade, the marks obtained, total marks and the total Credits earned.

**HOSTEL**

- ♦ College has no hostel facilities

**COLLEGE AUDITORIUM**



*Along with the Central Library we have a well equipped ICT enable AUDIO VISUAL Room for students*



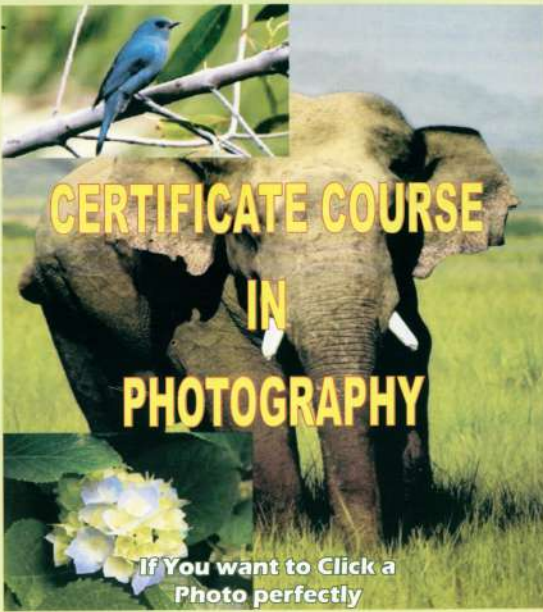
ICT Enable Audio - Visual Room

### DIFFERENT CELL

<b>STUDENTS' WELFARE CELL</b> 1. SWAPAN MAJHI -Convener 2. ANUSRITA MANDAL 3. RENI PAL 4. GOUTAM DUTTA 5. BAISHALI PANDIT 6. SUBHRAJIT BANERJEE 7. MANISH KANTI BISWAS 8. ISHANI WAIBA 9. SOURAV MITRA 10. RIJU CHAKRABORTY - GS Students Union	<b>STUDENTS' COUNSELING CELL</b> 1. BARNALI RAY BASU -Convener 2. ADITY SARBINA 3. NETAI RAY 4. SUMAN TAMANG 5. DIPEN SHERPA 6. TARIQUL ISLAM GOLDAR 7. AMIT SAHA 8. DIPASREE ROYCHOWDHURY 9. NITAI GAYEN
<b>STUDENTS' DISCIPLINE</b> 1. NITAI GAYEN -Convener 2. APARAJITA KUNDU 3. LALITA DAS 4. JAYANTA SIKDAR 5. PARAMITA CHAKRABORTY 6. MRITYUNJAY KR. PANDEY 7. SAMIR KR. BISWAS 8. RANJIT MAITY 9. BIVA SAMADDER 10. RIJU CHAKRABORTY - GS Students Union	<b>GRIEVANCE REDRESSAL CELL</b> 1. RATHIDRANATH BASU -Convener 2. BIBHAS CH MANDAL 3. JYOTSNA DATTA 4. DEBJANI GHOSAL 5. UJJAL BISWAS 6. HARISHANKAR BISWAS 7. BILQUIS BEGAM 8. SURANJANA SARKAR
<b>WOMENS CELL</b> 1. ABANTI GOSWAMI -Convener 2. KOPENA GHOSH 3. MADHULIKA BALJI 4. NANDINI GUHA 5. SUBHADRA RAY 6. PRITHA MANDAL	<b>ANTI RAGGING CELL</b> 1. SONALI RAY -CONVENER 2. ANUSRITA MANDAL 3. SUBHRAJIT BANERJEE 4. JAHIRA HOSSAIN 5. PRASANNA KR. MANDAL 6. RAJU MANDAL
<b>GENDER HARRASMENT cell</b> 1. ADITY SRABINA -CONVENER 2. SHAWAERI DUTTA 3. FIRDOUS AHAMED 4. TOHIDA REHAMAN 5. LALITA DAS 6. SURANJANA SARKAR	<b>E-MAINTENANCE cell</b> 1. KOUSIK GHOSH -CONVENER 2. ADITY SARBINA 3. TOHIDA REHAMAN 4. JAYANTA SIKDAR 5. FIRDOUS AHAMED 10. DIPASREE ROYCHOWDHURY

**LEGAL ADVISOR FOR ALL CELLS**  
**DEBASISH BANERJEE**

### ADD ON COURSES



**CERTIFICATE COURSE  
 IN  
 PHOTOGRAPHY**

**If You want to Click a  
 Photo perfectly**

#### Contact

Dr. Nilansu Das  
 (Department of Microbiology)  
 Mobile No.9830413626  
 E-mail: [nilansu@gmail.com](mailto:nilansu@gmail.com)



# SURENDRANATH COLLEGE

24/2, Mahatma Gandhi Road, Kolkata - 700 009



Certificate Course on Performing Arts



- RABINDRA SANGEET
- FOLK SONG
- RECITATION
- BENGALI SONG
- NAZRUL GEETI
- CLASSICAL
- DRAMA

### Contact

Prof. Shanta Chatterjee-9432141192  
 Prof. Sumita Saha-9831942722  
 Dr. Debalina Basu-9831887399  
 Prof. Nandini Guha-9903638592  
 Dr. Amar Ch. Das Ghosh-9830336920  
 Mr. Goutam Banerjee-9831324265  
 Mr. Tannoy Mukhopadhyay- 8900209280  
 Mr. Rijju Chakraborty-

CERTIFICATE COURSE IN  
**COMMUNICATIVE ENGLISH**  
 WITH  
**LANGUAGE LAB**

**SPEAK IN ENGLISH  
 FLUENTLY**

**Contact:**  
 Department of ENGLISH  
 Department of MATHEMATICS

## SURENDRANATH COLLEGE ICT CLUB

### CERTIFICATE COURSE

### IN BASIC COMPUTER APPLICATION

Contact  
Department of Computer Science

## VALUE EDUCATION



### VALUE EDUCATION COURSE

Contact: Dr. Asok Kr. Das, Department of Physics

## EXTRA CURRICULAR ACTIVITIES

### NSS SYMBOL

The **EIGHT BARS IN THE WHEEL** represent the 24 Hours of a day.

The **RED** colour indicates, active, energetic and full of high spirit.

The **NAVY BLUE** colour indicates the cosmos of which the **NSS** is, tiny part, ready to contribute its share for the welfare of the mankind.



### NSS Unit-I (Working Committee)

1. Dr. Indranil Kar (Principal)- Chairperson
2. Dr. Jayanta Sikdar-(Asst. Professor)- Programme Officer
3. Dr. Bibhas Chandra Mondal-(Asst. Professor)- Member
4. Prof. Anusrita Mondal-(Asst. Professor)- Member
5. Prof. Debolina Basu-(Govt. Approved CWTT)- Member
6. Prof. Debashree Sinha-(Govt. Approved PTT)- Member
7. Mr. Gautam Banerjee-(Head Clerk)-Member
8. Mrs. Aparajita Dasgupta-(Local Councillor)-Member
9. Subhojit Chakraborty-(GS, Students' Union)-Member
10. Sukanta Bahadur-(Student Leader)-Member
11. Rabi Hela-(NTS Staff)- Member

Any Bonafied Student of the College can be a member of the unit, for which contact Programme Officer





### SURENDRANATH COLLEGE NCC UNIT

Kolkata- B  
(2nd Bengal Bn NCC)

ANO- Lieutenant Dr. Biva Samadder

#### Our Aim

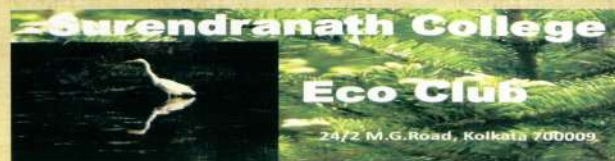
- ② To Develop Character, Comradship, Discipline, Leadership, Secular outlook, Spirit of Adventure, Sportsmanship and ideas of selfless service amongst the youth of the country.
- ② To Create a human resource of organized, trained and motivated youth to provide Leadership in all walks of life and always available for the service of the Nation.
- ② To provide a suitable environment to motivate the youth to take up in the career in the Armed Forces.

#### Mission

- ② Empower volunteer youth to become potential leaders and responsible citizens of the country and to develop leadership and character qualities, mould discipline and nurture social integration through multi-faceted programs conducted in our institution .

#### Our Activities

- ② Imparting Basic knowledge of NCC subjects, Lifeskills, Personality Development, Life skills, Leadership development, Disaster management, social Awareness through different classes
- ② Practical classes on Drill, Weapon Training, Self Defense, yoga, Physical training, Map reading, Community development, and health and hygiene.



**President:**  
Mr.Uday Sankar Hazra

**Secretary :**  
Dr. Indranil Kar

#### Working Committee:

Mr. Kousik Ghosh  
 Dr. Nilansu Das  
 Dr. Adity Sarbajna  
 Dr. Barnali Roy Basu  
 Ms. Bipasa Kundu Das  
 Ms. Reni Pal  
 Ms. Bani Mukherjee  
 Dr. Debalina Basu

*College has an ECO CLUB to make the students aware about the Nature, its Observation and Conservation, for which seminar, poster competition, field works are arranged. The Club also looks into the clean and green campus of the college as well as maintains the Medicinal Plant Garden of the College.*

Any Bonafied Student of the College can be a member of the CLUB, for which contact: Kousik Ghosh, Department of Botany  
Dr. Nilansu Das, Department of Microbiology

Birendra Prasad Shaw (Vicky) - Student Representative

### SURENDRANATH COLLEGE ICT CLUB

College has an ICT CLUB to make the students as well the staff familiar with the Information and Communication technologies.

For Any Information contact

Coordinator

Department of Computer Science

Dr. Himadri Bhattacharyya, Coordinator  
 Prof. Dhiman Karmakr, Member  
 Prof. Tohida Rehman, Member  
 Dr. Purnendu Prakash Pal, Member  
 Dr. Bibhas Mondal, Member  
 Prof. Nital Gayen, Member  
 Pfof. Kousik Ghosh, Member  
 Dr. Subhadra Roy, Member  
 Mr. Sanjoy Kr. Adak, Member

## STUDENT CORNER

The Students' Union is the nucleus of all activities of the students. It is managed by the students working with the help and advice of the Teacher in charge of different activities.

### FORMATION:

The college has a functional Students' Union whose members are elected democratically using parliamentary method. Under the elected Students' Union there are different subcommittees to perform all the activities throughout the year like Sports, Cultural Programmes, Student Union Magazine, Annual Social etc. There are also subcommittees to look after the Students' aid fund, Students' Canteen & Hygiene, Students' Common room etc.



#### OFFICE BEARERS:

##### President :

Ashish Shaw

##### Vice-President :

Sounak Guha

##### General Secretary:

Rijju Chakrabarty

##### Asst. General Secretary

Suparna Sikder

##### Treasurer

Sourav Nag

#### Sub-Committees :

##### Finance Sub-Committee

Priyo Gopal Jana - Convener

Sayantani Dey

Angan Ghosh

Akash Gupta

##### Athletic Sub Committee

Yasir Abdullah - Convener

Priya Paul

Kushal Ghosh

Rahul Dev Mondal

##### Magazine Sub-Committee

Sweta Ghosh - Convener

Prabin Roy

Prabamee Dey

##### Aid Fund Sub-Committee

Chandan Das

Debojit Majumder

Ankit Prasad

##### Cultural Sub-Committee

Riyaz Hussain - Convener

Esha Roy

Sandipan Debnath

##### Common Room Sub Committee

Tanumoy Ghosh - Convener

Bhaskar Majumder

Rounak Maity

##### Canteen Sub-Committee

Satyajit Roy - Convener

Surajit Dutta Majumder

Gourav Mondal

Surojit Sarkar

##### Academic Sub-Committee

Nadim Akram - Convener

Titus Bhattacharjee

Sanchita Das

##### College Hygen Sub-Committee

Tamojit Chakraborty - Convener

Rajib Shikha

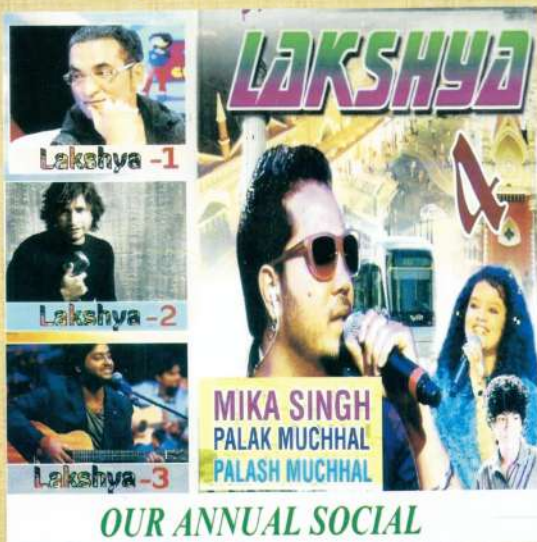
Soumadeep Biswas

## ACTIVITIES OF STUDENT UNION

③ Union organizes mega annual sports for students, teachers and staff.



- ❖ Union organize gala annual social Lakshya at Netaji Indoor Stadium with reputed artists from Mumbai
- Lakshya-1- Avijit
- Lakshya-2-Krishna Kant (KK)
- Lakshya-3-Arijit Singh
- Lakshya-4-Mika Singh, Palak Muchha, Palash Muchhal



- ❖ Union publish annual magazine
- ❖ Union give support to financially compromised students by-
  - ca Books and stationery at low cost/ recommendation for free ship
  - ca Direct financial support
- ❖ Union celebrates mega teachers' day every year

③ Union celebrates mega FRESHERS' WELCOME every year



● Union organize saraswati puja every year





We have Exemplary common room for Boys and Girls Students separately with indoor game facilities and television, audio system etc.

Girls' Common Room  
Rubi Bhattacharya Lady  
(Palit) Attendant

### ALUMNI ASSOCIATION

College has an active Alumni Association

#### Our Notable Alumni

**Dr. Rajendra Prasad**



The first elected President of India

**Bibhutibhusan Bandyopadhyay**



A Bengali author and one of the leading writers of modern Bengali literature.

SNC/PROSPECTUS 2018-2019

**Nirad C. Chaudhuri**



The prolific writer Nirad C. Chaudhuri had topped the University of Calcutta merit list

**Saïlen Manna**



An Indian International Footballer and one of the best defenders India has ever produced.

**Chintamani Kar**



Renowned Indian sculptor received civilian awards from the Indian and French Govt.

**Surendranath Dasgupta**



The eminent scholar of Sanskrit and Philosophy, Surendranath Dasgupta had been the President of the Indian Philosophical Congress.

"Alumnus" means an ex-student of the College, who has obtained a degree/diploma from Surendranath College, Kolkata under University of Calcutta Or an employee of the college, who is superannuated from this college.

- Life Membership fees is Rs.1000/- , Annual Membership fees Rs.100/-
- All DD/Cheque are to be made in the name "Secretary, Surendranath College Alumni Association" payable at Kolkata.
- Cash May be deposited personally to the office of the Association in the College Premises.  
(Time: 1pm to 5pm-Monday, Tuesday, Wednesday)

Executive Committee, 2015-2016		
SL. NO.	NAME	DESCRIPTION
1.	Dr. Amar Nath Banerjee	President
2.	Mr. Sumit Mukherjee	Vice-President
3.	Mr. Gautam Banerjee	Vice-President
4.	Mr. Tarakeswar Chakraborty	Vice-President
5.	Mr. Debasish Banerjee	Secretary
6.	Mr. Niloy Kundu	Treasurer
7.	Md. Shahtaj Rahaman	Joint-Treasurer
8.	Mr. Angikar Banerjee	Assistant Secretary
9.	Mr. Khokan Naskar	Member
10.	Mr. Sanjib Sarkar	Member
11.	Mr. Nilratan Banerjee	Member
12.	Mr. Tarak Nath Dev	Member
13.	Mr. Subhrajit Banerjee	Member
14.	Mr. Dhiman Karmakar	Member
15.	Mr. Balarani Paul	Member



### SOME IMPORTANT ABBREVIATIONS

SUBJECT	B.Sc. Honours	B.Sc. General
Botany	BOTA	BOTG
Chemistry	CEMA	CEMG
Computer Sc	CMSA	CMSG
Economics	EOGA	EOGG
Geography	GEOA	GEOG
Microbiology	MCBA	MCBG
Mathematics	MTMA	MTMG
Physics	PHSA	PHSG
Physiology	PHYA	PHYG
Statistics	STSA	STSG
Zoology	ZOGA	ZOOG
Molecular Biology	XXX	MLBG

SUBJECT	B.A Honours	B.A General
Bengali	BNGA	BNGG
English	ENGA	ENGG
History	HISA	HISG
Journalism & Mass com	JORA	JORG
Philosophy	PHIA	PHIG
Political Sc	PLSA	PLSG
Psychology	PSYA	PSYG
Sanskrit	SANA	SANG
Sociology	SOCA	SOCC

**It might  
cost  
you!**

**Say  
NO to  
RAGGING**

**RAGGING FREE CAMPUS**  
Ragging is Crime





In pursuance to the Judgment of the Hon'ble Supreme Court of India dated 08.05.2009 in Civil Appeal No. 887/2009, the University Grants Commission has framed "UGC Regulations on curbing the menace of ragging in higher educational institutions, 2009" which have been notified on 4th July, 2009 in the Gazette of India. These regulations are mandatory for all Universities/Institutions. The UGC has made it mandatory for all students parents to submit anti ragging related affidavits to the institutions at the time of admission.

You will get this Affidavit facilities within the College Campus

## FEES STRUCTURE

*THE FEES FOR THE SESSION 2018-2019 FOR THE STUDENT WHO WILL TAKE  
ADMISSION TO THE 1st YEAR DEGREE COURSES B.A/B.SC/B.COM  
(HONOURS & GENERAL)*

COMMON FEES FOR ALL CANDIDATES PER SEMESTER		TUITION FEES PER SEMESTER	
FEES	AMOUNT IN INR	COURSE	AMOUNT IN INR
Admission Processing	100	B.A. HONOURS	450
Session Charge	300	B.SC. HONOURS	660
Library	100	B.COM. HONOURS	510
Building Repair	200	B.A. GENERAL	300
General Maintenance	100	B.SC. GENERAL	510
E- Maintenance	150	B.COM. GENERAL	360
Student Activity	350		
<b>TOTAL</b>	<b>1300</b>		

ADDITIONAL FEES IN 1 <sup>ST</sup> SEMESTER FOR ALL CANDIDATES	AMOUNT IN INR
CU REGISTRATION	110
CU SPORTS	60
PROSPECTUS & I CARD	200
<b>TOTAL</b>	<b>370</b>

LABORATORY FEES FOR LAB BASED SUBJECTS PER SEMESTER			
SUBJECT (HONOURS)	AMOUNT IN INR	SUBJECT (GENERAL)	AMOUNT IN INR
Botany / Zoology / Physiology	1000	Botany / Zoology / Physiology	300
Micro Biology	5000	Molecular Biology	2000
Psychology	2500	Physics / Chemistry	400
Physics	600	Computer Science	2500
Chemistry	1300	Statistics	200
Computer Science	5000	Journalism & Mass Communication	2000
Statistics	300	Sociology	100
Economics	750		
Geography	1000		
Journalism & Mass Communication	4000		
Sociology	200		
Economics	750		

**ACADEMIC CALENDAR for session 2018-2019**

**B.A./B.Sc./B.Com Course**

**SEMESTER WISE (NEW REGULATION)**

COURSE OF STUDIES	COMMENCEMENT OF CLASSES	FILLING UP OF FORM FOR UNIVERSITY EXAMINATION	INTERNAL ASSESSMENT (EXAM) [BY THE COLLEGE]	COMMENCEMENT OF EXAMINATIONS (TENTATIVE)		PUBLICATION OF RESULT (TENTATIVE)
				PRACTICAL/TUTORIAL	THEORETICAL	
Semester I	1 <sup>st</sup> week of July, 2018	November, 2018	3 <sup>rd</sup> week November 2018	4 <sup>th</sup> week November, 2018	2 <sup>nd</sup> week December, 2018	Within 45 days from the last Date of Exam.
Semester II	Within 7 days from the Completion of 1 <sup>st</sup> semester exam.	May, 2019	3 <sup>rd</sup> week May, 2019	4 <sup>th</sup> week May, 2019	2 <sup>nd</sup> week June, 2019	-Do-
Semester III (For B.Com, H/G only)	Within 7 days from the completion of 2 <sup>nd</sup> semester exam.	November, 2018	3 <sup>rd</sup> week November, 2018	4 <sup>th</sup> week November, 2018	2 <sup>nd</sup> week December, 2018	-Do-
Semester IV (For B.Com, H/G only)	Within 7 days from the Completion of 3 <sup>rd</sup> semester exam.	May, 2019	3 <sup>rd</sup> week May, 2019	.....	2 <sup>nd</sup> week June, 2019	-Do-

**ACADEMIC CALENDAR  
FOR THE B.A./ B.SC./B.COM. COURSES OF STUDIES  
(UNDER 1+1+1 SYSTEM OF EXAMINATIONS)  
FOR THE ACADEMIC SESSION 2018-2019**

Course of Studies	Commencement of Classes	Mid-term Exam	College Test	Result of College Test	Filling-up of Form for Univ. Exam.	Commencement of Examinations (Tentative)		Publication of Result (Tentative)
						Theoretical	practical	
Part-I (Only for old candidates)	NA	NA	NA	NA	1 <sup>st</sup> week of April, 2019	B.Com, 3 <sup>rd</sup> week of June, 2019 (H+G) B.A. /B.Sc. 4 <sup>th</sup> week of July, 2019 (H+G)	BA/B.Sc. 2 <sup>nd</sup> week of August (H & Major)/ B.Com.(Major)	Within 90 days from the last date of Exam.
Part-II (In case of B.Com(H/G) only for old candidates)	within 7 days from the completion of Part-I Exam.	October, 2018	1 <sup>st</sup> Week of February, 2019	3 <sup>rd</sup> Week of February, 2019	1 <sup>st</sup> week of March, 2019	B.Com. 4 <sup>th</sup> week of April, 2019 (H) 2 <sup>nd</sup> week of May, 2019 (G) B.A. /B.Sc. 3 <sup>rd</sup> week of May, 2019 (H) 4 <sup>th</sup> week of May, 2019 (G)	B.Com 4 <sup>th</sup> week of March (H+G) B.A. /B.Sc. 4 <sup>th</sup> week of April (H & Major)/ B.Com. (Major) B.A. /B.Sc. 4 <sup>th</sup> week of June, 2019(G)	-Do-
Part-III	within 7 days from the completion of Part-II Exam.	October, 2018	1 <sup>st</sup> week of January, 2019	3 <sup>rd</sup> week of January, 2019	1 <sup>st</sup> Week of February, 2019	B.A./B.Sc./B.Com. 1 <sup>st</sup> week of April (H & Major) 2 <sup>nd</sup> week of April, 2019 (G)	B.A./B.Sc./B.Com 1 <sup>st</sup> week of March (H & Major) 4 <sup>th</sup> week of March- (G)	Within June, 2019
Part-I & II Supplementary Examination, 2018					January, 2019	February, 2019	March, 2019	May, 2019

**LIST OF HOLIDAYS & RECESS 2018-2019**

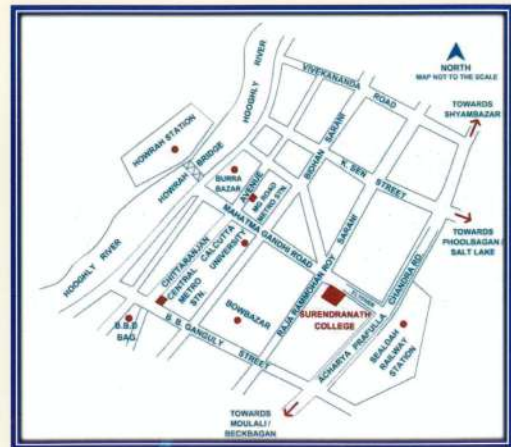
SL.No.	EVENTS	NO. OF DAYS	DAYS	DATES
1	Rathajatra	1	Saturday	14.07.2018
2	Independence Day	1	Wednesday	15.08.2018
3	Death Anniversary of Rastraguru Surendranath	1	Thursday	16.08.2018
4	Id-U-Zoha	1	Thursday	16.08.2018
5	Janmastami	1	Sunday	02.09.2018
6	Muharam	1	Friday	21.09.2018
7	Gandhi Birthday	1	Tuesday	02.10.2018
8	Mahalaya	1	Monday	08.10.2018
9	Puja Vacation (Laxmipuja, Kalipuja, Bhatridwitya)	26	Monday to Friday	15.10.2018 to 09.11.2018
10	Birth Anniversary of Rastraguru Surendranath	1	Saturday	10.11.2018
11	Jagaddhatri Puja	1	Saturday	17.11.2018
12	Fateha-Yahaz-Daham	1	Wednesday	21.11.2018
13	Guru Nanak Birthday	1	Friday	23.11.2018
14	Winter Recess including English New Year	8	Tuesday to Tuesday	25.12.2018 to 01.01.2019
15	Birthday of Swami Vivekananda	1	Saturday	12.01.2019
16	Birthday of Netaji	1	Wednesday	23.01.2019
17	CU Foundation Day	1	Thursday	24.01.2019
18	Maghutsav	1	Friday	25.01.2019
19	Republic Day	1	Saturday	26.01.2019
20	Saraswati Puja	2	Saturday to Sunday	10.02.2019 to 11.02.2019
21	Mahashivaratri	1	Monday	04.03.2019
22	Dol Yatra & Holi	2	Wednesday to Thursday	20.03.2019 to 21.03.2019
23	Good Friday	1	Friday	19.04.2019
24	Ester Saturday	1	Saturday	20.04.2019
25	Chaitra Sankranti	1	Sunday	14.04.2019
26	Bengali New Year	1	Monday	15.04.2019
27	May Day	1	Wednesday	01.05.2019
28	Birth Day of Rabindranath Tagore	1	Thursday	09.05.2019
29	Buddha Purnima	1	Sunday	12.05.2019
30	Summer Recess	46	Thursday to Sunday	16.05.2019 to 30.06.2019
31	Holidays Under Principal's Discretion	5	5 days	5 days

**CONTACT US**

WE ARE AT THE HEART OF CENTRAL KOLKATA, SEALDAH.

	<b>24/2 M. G. ROAD, KOLKATA-700 009</b>
	<b>(033) 2350 2864, 2354 3876</b>
	<b><a href="http://www.surendranathcollege.org">http://www.surendranathcollege.org</a></b>
	<b>e- mail <a href="mailto:principalsurendranathcollege@gmail.com">principalsurendranathcollege@gmail.com</a></b>

**LOCATE US**



Principal  
Surendranath College  
Sealdah  
Kolkata - 700 009



## HISTORY

In the year 1882 Sir Surendranath Banerjea took over Presidency School and converted it in January, 1884 into Presidency Institution and later in the same year into RIPPON COLLEGE as full fledged degree college. The College got affiliated for B.A. in 1885, for I.Sc. , in 1907, B.Sc. in 1916 and B. Com in 1941. In 1948 - 1949, RIPPON COLLEGE was renamed as SURENDRANATH COLLEGE in homage to the founder of the Institution and the author of "A NATION IN MAKING". The foundation stone of the main building was laid down by Sir Edward Baker, the then Lieutenant Governor of Bengal and Rector of University of Calcutta in August, 1910. The foundation stone of the new block, currently the Science Building was laid down on 20 th January, 1957 by the then President of India, Dr. Rajendra Prasad, one of the oldest Alumni of the College.

24/2 M. G. Road, Kolkata - 700 009 ❖ Phone No. (033) 2350 2864, 2354 3876

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