



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		SCOTTISH CHURCH COLLEGE
Name of the head of the Institution		DR. ARPITA MUKERJI
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		03323503862
Mobile no.		9903002401
Registered Email		scottish.cal@gmail.com
Alternate Email		principal@scottishchurch.ac.in
Address		1 & 3 URQUHART SQUARE
City/Town		KOLKATA
State/UT		West Bengal
Pincode		700006
<b>2. Institutional Status</b>		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	state
Name of the IQAC co-ordinator/Director	DR. SAMRAT BHATTACHARJEE
Phone no/Alternate Phone no.	03323503862
Mobile no.	9830979957
Registered Email	iqac@scottishchurch.ac.in
Alternate Email	samrat@scottishchurch.ac.in

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.scottishchurch.ac.in/AQAR.php">http://www.scottishchurch.ac.in/AQAR.php</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.scottishchurch.ac.in/docs/IOAC/20191216_Academic_Calendar_2018-19.pdf">http://www.scottishchurch.ac.in/docs/IOAC/20191216_Academic_Calendar_2018-19.pdf</a>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
2	A	3.04	2014	21-Feb-2014	20-Feb-2019
1	A	0	2004	03-May-2004	02-May-2009

<b>6. Date of Establishment of IQAC</b>	15-Sep-2004
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### 7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

AAA	31-Jul-2019 1	10
IQAC Meetings	13-Dec-2018 1	9
IQAC Meetings	23-Aug-2018 1	11
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**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
INSTITUTION	EXAM	PUBLIC SERVICE COMMISSION	2019 1	12600
FACULTY	TRAVEL AND TRAINING	DST	2019 10	202676
FACULTY	PROJECT	UGC	2019 365	7888
FACULTY	FDP	UGC	2018 365	1198
FACULTY	TRAVEL	UGC	2019 7	77853
INSTITUTION	STATE SPORTS MEET	DEPT OF HIGHER EDUCATION, GOWB	2019 10	4306000
INSTITUTION	NSS	GOI & GOWB	2018 365	37125
INSTITUTION	SALARY	GOWB	2018 365	102917656
INSTITUTION	INFRASTRUCTURE	RUSA	2018 730	3000000
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
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**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

Academic and Administrative Audit of the college done Alexander Duff Memorial Lecture ICT Workshop Career Advancement of 05 teachers Throughout the year various programmes under the activity (hobby) clubs and NSS unit of the college

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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achivements/Outcomes
4) Alexander Duff Memorial Lecture	"4) Alexander Duff Memorial Lecture on 'The Long History of Partition and Migration in Bengal 1947-56' by Prof. Sekhar Bandyopadhyay, renowned historian and a noted author on 12.3.19."
3) To organise a Special Programmes on "150 birth year celebration of Gandhiji"	3) A special Lecture on "Learning Leadership: Mahatma Gandhi's Elusive Legacy" was organized by Journal Committee on 17.9.19. Lecture was delivered by Dr. Supratim Das- an expert on Gandhian study and Vice Principal of the college.
2) To conduct a National Workshop on "Gender sensitization".	2a) Daylong seminar on "Dynamics of gender at play: the case of the transgender" on 27.8.18 by department of Political Science. Speakers: Pratulananda Das, Atri Kar and Prof. Lopamudra Sengupta. 2b) Journal of Humanities and Social Sciences organised a daylong Lecture Series "Wives and Workers: Child Marriage in West Bengal" on 21.08.18. The Lecture as delivered by Prof. Samita Sen, Jadavpur University.
1) To organise a seminar on movies, culture and society.	1a) Department of Business Administration organised Seminar on "Promoting Indian Folk Music in Global Arena Passion.....Profession" on 29.03.19. Speaker was the National Award winning singer Sri. Bonnie Chakraborty 1b) Department of English organised Extension Lecture on "To Read or not to Read: the reel and the text" on 19.03.19. Speaker was the National Award winning Film Editor Director Sri.

Arghakamal Mitra.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body

Meeting Date

COLLEGE COUNCIL

09-Oct-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

07-Feb-2019

17. Does the Institution have Management Information System ?

No

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The College follows the curriculum at both UG and PG level designed by the University of Calcutta being affiliated to the said university. The departments from the point of entry of students inform them about the CBCS mode of study through an Orientation Programme and also in the classes. Each department apprises students about the syllabus and lesson plan. The departments monitor progress of the students through presentations in class and performance in the internal examinations. Wherever applicable field visits to various forests, Institutes of historical importance, Industries practical knowledge about the curriculum is imparted. English department has introduced Reader's Club wherein sections from texts are read out and enacted for better understanding of the text. Students are made to present papers and evaluated through Mentor-mentee programmes simultaneously the problems of the students are addressed.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Wildlife and Biodiversity Conservation in Changing	NA	27/06/2019	09	The course will help the students appearing	Identifying the problems of Biodiversity

Climates

for Forest Services Examination and jobs related with wildlife biodiversity conservation and climate related issues changes and Environmental concerns and work on them in ones own capacity

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BA	NA	01/12/2019
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### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	BENGALI ENGLISH HISTORY PHILOSOPHY POLITICAL SCIENCE SANSKRIT	28/05/2018
BSc	BOTANY CHEMISTRY COMPUTER SCIENCE MATHEMATICS MICROBIOLOGY ECONOMICS PHYSICS ZOOLOGY	28/05/2018
BBA	FINANCE MARKETING	28/05/2018
BCom	ACCOUNTANCY FINANCE	01/01/2018

### 1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	10	0

## 1.3 – Curriculum Enrichment

### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
NA	01/12/2019	0
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### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BBA	HR, Marketing, Finance	70
BEEd	School Internship and School based project	46
BCom	Marketing	3
BSc	Botany Field Excursion	19

BSc	Zoology Field Excursion	22
MSc	Botany Field Excursion	21
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#### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

Feedback Obtained
<p>The feedback is collected anonymously. Each department categorizes the feedback into two sections. General departmental feedback and general feedback about the college. The departmental feedback is discussed in the departmental committee meetings and recommendations are implemented. The general suggestions about the college is summarized by the Head of the department and submitted in the IQAC office. The IQAC coordinator categorizes the various areas viz. college cleanliness, canteen facility, hostel facility, cordiality of staff in college, placement activities etc. The suggestions given by the students are discussed in the meeting of the Internal Management Committee and actions to be taken are drafted. The recommendations are then forwarded to the college council. The IQAC coordinator takes up the issue under 'IQAC Matter' agenda and places it before the council. The council finally gives its observations and recommendations which are implemented in the college.</p>

### CRITERION II – TEACHING- LEARNING AND EVALUATION

#### 2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BCom	ACCOUNTANCY	50	1997	46
BBA	BUSINESS ADMINISTRATION	45	241	30
BEd	TEACHER EDUCATION	50	834	47
BA	BENGALI ENGLISH HISTORY PHILOSOPHY POLITICAL SCIENCE SANSKRIT	270	5027	227
BSc	BOTANY CHEMISTRY COMPUTER SCIENCE ECONOMICS MICROBIOLOGY	350	9090	301

	MATHEMATICS PHYSICS ZOOLOGY			
MSc	BOTANY CHEMISTRY	55	242	45
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## 2.2 – Catering to Student Diversity

### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	607	55	65	0	20

## 2.3 – Teaching - Learning Process

### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
86	30	463	8	1	2
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### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

As a part of the regular monitoring of the students' problem and resolving, the college runs the mentor-mentee system. A teacher is made available to a group of students. Regular meetings are organized to guide them in their academic as well as personal difficulties

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2082	86	1 : 24

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
70	70	0	0	57

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Shrimoyee Guha Thakurta (Basu)	Assistant Professor	Charles Wallace India Trust Grant, British Council, India



2018	Dr. Nilanjan Chakraborty	Assistant Professor	A paper entitled "Enhancement of innate immunity of tomato plant against vascular wilt through nitric oxide pathway" has been presented in the 3rd Regional (Southern) Science and Technology Congress, organized by Bidhannagar Govt. College, Kolkata
2019	Dr. Nilanjan Chakraborty	Assistant Professor	Poster entitled "Toxin mediated enhancement of innate immunity in Withania somnifera against alternaria alternata via tissue culture" has been awarded best poster in The National Seminar on 'Sustainable Utilization of Plants and Microbes' on 28.3.19.
2019	Dr. Satabdi Ghosh	Assistant Professor	1st Prize in Oral presentation In National Seminar on Recent Developments in Biotechnology in Human Welfare Held in JIS University, Agarpara, Kolkata
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## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	BOTA PHSA ZOOAMTMA MCBA CMSA ECOA CEMA	3rd Year	30/05/2019	24/06/2019
BA	SANA PHIA PLSA HISA BNGA	3rd Year	30/05/2019	24/06/2019
BCom	BCom	3rd Year	01/06/2019	25/06/2019

MSc	Botany Chemistry	SEM IV	15/06/2019	24/07/2019
BBA	BBA	3rd Year	21/05/2019	09/09/2019
BEd	BEd	SEM IV	27/06/2019	19/08/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

- Class tests. • Midterm tests. • Re-test or supplementary tests are conducted.
- Assessment through viva voce. • Regular students' feedback is taken through a standard questionnaire including questions on methods of evaluation. Their feedback is discussed in the departmental meetings and action taken accordingly. • Annual Parent teacher meetings are held. The parents are shown the answer scripts of the tests. • Continuous internal evaluation system is reformed to judge experimental skill, ability to think independently, preparation for final University examinations, preparation for entrance examinations for higher studies. Also continuous evaluation of students through interaction in laboratory and theory classes.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The academic calendar of the college (as per University of Calcutta) is given in the College Prospectus which is circulated at the time of admission, based on the academic calendar of University of Calcutta. On the basis of this calendar, the college plans its annual events such as First Assembly, Orientation Programme, College Annual Day, Activity Day, PG Commencement Ceremony, Sports, Christmas Celebrations, Rabindra Jayanti etc. [http://www.scottishchurch.ac.in/docs/IQAC/20191216\\_Academic\\_Calendar\\_2018-19.pdf](http://www.scottishchurch.ac.in/docs/IQAC/20191216_Academic_Calendar_2018-19.pdf)

**2.6 – Student Performance and Learning Outcomes**

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

[http://www.scottishchurch.ac.in/docs/IQAC/20191209\\_PO\\_CO\\_PSO.pdf](http://www.scottishchurch.ac.in/docs/IQAC/20191209_PO_CO_PSO.pdf)

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
BSC	BSc	BOTANY CHEMISTRY COMPUTER SCIENCE ECONOMICS MATHEMATICS MICROBIOLOGY PHYSICS ZOOLOGY	251	241	96.02
BA	BA	BENGLI ENGLISH HISTORY PHILOSOPHY POLITICAL SCIENCE	192	190	98.95

		SANSKRIT			
BEd	BEd	TEACHER EDUCATION	46	46	100
PG	MSc	BOTANY & CHEMISTRY	46	46	100
BBA	BBA	BUSINESS ADMINISTRATION	51	47	92.15
BCOM	BCom	ACCOUNTANCY	51	51	100
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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

[http://www.scottishchurch.ac.in/docs/IOAC/20201011\\_Students\\_Satisfaction\\_Survey\\_SSS\\_2018-19.pdf](http://www.scottishchurch.ac.in/docs/IOAC/20201011_Students_Satisfaction_Survey_SSS_2018-19.pdf)

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	DEPT. OF HIGHER EDUCATION SCIENCE TECHNOLOGY, GOWB	621750	590850
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### 3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
NA	NA	01/12/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
"Recent Developments in Biotechnology in Human Welfare"	DR. SATABDI GHOSH	JIS University, Agarpara, Kolkata	25/03/2019	ORAL PRESENTATION
"Enhancement of innate immunity of tomato plant against vascular wilt through nitric oxide pathway"	DR. NILANJAN CHAKRABARTY	DST GOVT OF WEST BENGAL	19/12/2018	BEST PAPER
"Toxin mediated	DR. NILANJAN CHAKRABORTY	VISHVA BHARATI UNIVERSITY	28/03/2019	BEST POSTER

enhancement of  
innate immunity  
in *Withanias  
omnifera*  
against  
*alternaria  
alternatavia*  
tissue culture

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### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NA	NA	NA	NA	NA	01/01/2018
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### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

#### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Physics	2

#### 3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	POLITICAL SCIENCE	1	0
National	PHILOSOPHY	3	0
National	BENGALI	4	0
National	HISTORY	1	0
International	PHILOSOPHY	3	0
International	POLITICAL SCIENCE	1	0
International	MATHEMATICS	1	2.11
International	PHYSICS	5	3.48
International	ZOOLOGY	2	2.1
International	ECONOMICS	2	6.56

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#### 3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
SANSKRIT	3
HISTORY	1
POLITICAL SCIENCE	1
ECONOMICS	4

PHILOSOPHY	2
HINDI	9
ENGLISH	7
BENGALI	7
BOTANY	9
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
R-matrix calculation of bound and continuum states of CH	K. Chakrabarti, R. Ghosh and B. S. Choudhury	J. Phys. B.: Atomic Molecular and Optical Physics	2018	2.12	SCOTTISH CHURCH COLLEGE	2
Arecoline inhibits pineal-testis function in experimentally induced hypothyroid rats	Saha, I., Chakraborty, S.B., Chatterjee, A., Pradhan D, Chatterji, U, Maiti, B. R	Archives of Physiology and Biochemistry	2018	1.64	SCOTTISH CHURCH COLLEGE	1
Noble gas encapsulated B40 cage	Sudip Pan, Manas Ghara, Susmita Kar, Ximena Zarate, Gabriel Merino and Pratim K. Chattaraj	Physical Chemistry Chemical Physics	2018	3.69	Post doctoral Fellow, Indian Institute of Technology Kharagpur	8
Boron Nanowheels with Axles Containing Noble Gas Atoms: Viable Noble Gas Bound MTB10 @ Clusters	Sudip Pan, Susmita Kar, Ranajit Saha, Edison Osorio, Ximena Zarate, Lili Zhao, Gabriel Merino,	Chemistry - A European Journal	2018	5.16	Post doctoral Fellow, Indian Institute of Technology Kharagpur	5

(Mn, Ta)	and Pratim K. Chattaraj					
Interaction of a Cationic Amphiphile with Monomeric and Polymeric Electrolytes: from Morphological Transition to associative Phase Separation	Aniruddha Ganguly, Bijan K. Paul and Nikhil Guchhait	Colloids and Surfaces B: Biointerfaces	2018	4.11	Department of Chemistry, University of Calcutta	0
Modulation of probe?genomic DNA interaction within the confined interior of a reverse micelle: Is the bulk-	Aniruddha Ganguly, Bijan K. Paul and Suman Das	International Journal of Biological Macromolecules	2018	4.97	Postdoctoral Fellow, Physical Chemistry Section, Jadavpur University	1
Statistical fluctuations and quasi phase transition of mesoscopic Bose-Einstein condensation in anharmonic trap	S. Bera, M. L. Lekala, G. J. Rampho, B. Chakrabarti, S. Bhattacharyya	Physica A	2019	2.42	SCOTTISH CHURCH COLLEGE	0
Density of state of two dimensional quasiperiodic lattices in the thermodyn	Jayeeta Chowdhury, Sachindra Nath Karmakar	Solid State Communications	2019	1.49	SCOTTISH CHURCH COLLEGE	0

amic limit						
Gap states controlled transmission through 1D metal-nanotube junction	U.N. Nandi, Animesh Kr Dey, and D. Talukdar	Carbon	2019	7.42	SCOTTISH CHURCH COLLEGE	0
Bias Exponent of Resistance Noise as a Probe for Disordered Systems	Animesh Kr. Dey, Upendrana th Nandi, Deep Talukdar, R. K. Chakrabarty, and K. K. Bardhan	Phys. Status Solidi B	2018	0	SCOTTISH CHURCH COLLEGE	0
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Arecoline inhibits pineal-testis function in experimentally induced hypothyroid rats	Saha, I., Chakraborty, S.B., Chatterjee, A., Pradhan D, Chatterji, U, Maiti, B. R	Archives of Physiology and Biochemistry	2018	5	1	Scottish Church College
From Pincer to Paddle wheel: C-H and C-S Bond Activation at Bis(2-pyridylthio) methane by Palladium (II)	Partha Halder, Daniel J. SantaLucia, Sungho V. Park and John F. Berry	Inorganic Chemistry	2019	11	0	Scottish Church College
Noble gas encapsulated B40 cage	Sudipan, Manas Ghara, Susmita Kar, Ximena	Physical Chemistry Chemical Physics	2018	6	8	Post doctoral Fellow, Indian Institute of

	Zarate, Gabriel Merino and Pratim K. Chattaraj					Technology Kharagpur
Boron Nanowheels with Axles Containing Noble Gas Atoms: Viable Noble Gas Bound MTB10 @ Clusters (Mn, Ta)	Sudip Pan, Susmita Kar, Ranajit Saha, Edison Osorio, Ximena Zarate, Lili Zhao, Gabriel Merino, and Pratim K. Chattaraj	Chemistry - A European Journal	2018	6	5	Post doctoral Fellow, Indian Institute of Technology Kharagpur
Interaction of a Cationic Amphiphile with Monomeric and Polymeric Electrolytes: from Morphological Transition to associative Phase Separation	Aniruddha Ganguly, Bijan K. Paul and Nikhil Guchhait	Colloids and Surfaces B: Biointerfaces	2018	10	0	Department of Chemistry, University of Calcutta
Modulation of probe? genomic DNA interaction within the confined interior of a reverse micelle: Is the bulk-like properties of water truly	Aniruddha Ganguly, Bijan K. Paul and Suman Das	International Journal of Biological Macromolecules	2018	10	1	Postdoctoral Fellow, Physical Chemistry Section, Jadavpur University



achiev ed in large reverse micelle s?						
Statisti cal fluctua tions and quasi phase transiti on of mesoscopic Bose- Einstei n conden sation in anharm onic trap	S. Bera, M. L. Lekala, G. J. Rampho, B. Chakrabar ti, S. Bhattach aryya	Physica A	2019	3	0	Scottish Church College
Antiki nk dispers ions of the J1- J2 sawt ooth spin- 1/2 anisotr opic Heisen berg antiferr omagn etic chain	Susobhan Paul, AsimKum ar Ghosh	Europea n Physical Journal B	2019	2	0	Scottish Church College
Densit y of state of two dimens ional quasip eriodic lattices in the thermo dynam ic limit	JayeetaC howdhur y, Sachindra Nath Karmakar	Solid State Commu nication s	2019	5	0	Scottish Church College
Bias Expon ent of Resista nce Noise as a Probe for Disord ered System s	Animesh Kr. Dey, Upendra nath Nandi, Deep Talukdar, R. K. Chakrabar ty, and K. K. Bardhan	Phys. Status Solidi B	2018	6	0	Scottish Church College

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	5	4	5	0
Resource persons	0	0	0	0
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**3.4 – Extension Activities**

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
12. NSS Special Camp in the College Adopted Slum (Lectures on mental health, food, health society)	WITH NSS UNIT	12	37
11. Community Outreach Programme (distribution of christmas gifts to street children)	Department of Teacher Education, KMC and Hathkhola Medical Bank-NGO of Sovabazar	2	46
10. Donation of books to the adopted slum children as part of literacy mission	Rotary Club, Department of English NSS, SCC	8	10
9. Blood Donation, AIDS, Awareness and Health consciousness Programme	COLLEGE WITH STUDENTS UNION	10	69
8. Participation in rally on Vivekananda's birthday	Nehru Yuva Kendra Kolkata (North) Ministry of Youth Affairs, Govt of India	1	20
5. NSS Day Celebration in College	SCOTTISH CHURCH COLLEGE KOLKATA POLICE	50	153
4. Health Check-programme for students and staff	SCOTTISH CHURCH COLLEGE MEDICAL HOSPITAL	50	153
3. Van Mahotsav (Tree Plantation Programme) and Independence Day Celebration	SCOTTISH CHURCH COLLEGE	14	76

2. Campus Cleaning and Dengue Awareness Programme	KOLKATA MUNICIPAL CORPORATION SCOTTISH CHURCH COLLEGE	3	89
1. World Environment Day Observation	CALCUTTA UNIVERSITY	1	15
<a href="#">View File</a>			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NA	NA	NA	0
No file uploaded.			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
1. Swachh Bharat	Department of Teacher Education, KMC and Hathkhola Medical Bank-NGO of Sovabazar	"Dengu Awareness Programme"	2	35
2. International Womens Day Observation	Department of Teacher Education	Cultural Activities	8	30
3. Gender Issues	Department of Political Science	Seminar: Dynamics of Gender at Play: The Cae of the Transgender	16	135
4. Earth Day	Department of Teacher Education, KMC and Hathkhola Medical Bank-NGO of Sovabazar	An awareness walk in the neighbourhood of College	4	30
<a href="#">View File</a>				

### 3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
0	0	0	0
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
NA	NA	NA	01/12/2019	02/12/2019	0
No file uploaded.					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
WEST BENGAL STATE UNIVERSITY SHER	27/06/2019	COURSE ON WILDLIFE BIODIVERSITY CONSERVATION IN CHANGING CLIMATES	50
No file uploaded.			

## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
11400000	13055810.5

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with LCD facilities	Newly Added
Others	Existing
Laboratories	Existing
Campus Area	Existing
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
<a href="#">View File</a>	

### 4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
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LibSys	Partially	LSEase	2007
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#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	97222	0	632	320931	97854	320931
Reference Books	2076	0	3	995	2079	995
e-Books	0	5900	3164309	5900	3164309	11800
CD & Video	67	0	14	0	81	0
<a href="#">View File</a>						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NA	NA	NA	01/12/2019
No file uploaded.			

#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	246	5	1	0	0	0	0	50	0
Added	92	3	0	1	0	0	0	0	0
Total	338	8	1	1	0	0	0	50	0

##### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

50 MBPS/ GBPS
---------------

##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NA	<a href="#">NA</a>

#### 4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
8000000	8233568.86	12684130	11366545

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The purchases of departmental goods, laboratory Equipment chemicals, sports equipment etc. is done through departmental indent committees or through the Senatus office. The indent committee comprises of the head of the department and two senior most members of the department. At least 3 quotations / tenders (or quotations as specified by the State Govt. on the basis of amount of purchase) are procured in sealed envelope. These are opened on a specific date in front of the vendors and lowest quotation noted. Then purchase order is given specifying terms and conditions. Servicing of the laboratory Equipment are done at regular intervals by the departments. The computers are maintained through Annual Maintenance Contract done with a specific company. A computer technician is present in the college who looks after computer related issues and network related problems.at regular interval. Gym equipments are maintained by the Gym instructor. Regular servicing of the equipment is carried out. There is an Estate Supervisor who is responsible for maintenance of the infrastructure in the classrooms and offices and other work areas in the college. All this is under the supervision of the Senatus Secretary. The college library regularly sends books for bindings and repair. The library staff are responsible for the maintenance of the library. Air conditioners and Water purifiers/coolers are maintained through Annual Maintenance Contract. Contract of Annual Maintenance is also signed with specific companies for maintenance of housekeeping and security in the campus. Classroom microphones are maintained by a service provider through Annual Maintenance Contract.

[http://www.scottishchurch.ac.in/docs/IQAC/20191209\\_Annual\\_Maintenance\\_Certificates.pdf](http://www.scottishchurch.ac.in/docs/IQAC/20191209_Annual_Maintenance_Certificates.pdf)

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Free Studentship	75	291717.5
Financial Support from Other Sources			
a) National	Appendix 1	0	0
b)International	NIL	0	0

[View File](#)

#### 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
1. Workshop on "Industry Linked Interview Skills for Multi Industry Job Interview"	19/09/2018	47	Inspiring Education, Kolkata
2. Workshop on "Basics of Interview Skill"	07/12/2018	35	Endeavor Careers Pvt Ltd

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#### 5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	1. Session on "Alternative Career Options in Finance" 13.9.2018	5	28	0	38
2018	2. Session on "Life at B- School" 28.8.2018	5	14	0	38
2019	1. Seminar on "Career opportunities in Core Pharmaceutical Industries" 28.3.2019	5	19	0	38
2019	2. Interactive Session on "Social Science Internships" 20.3.2019	5	12	0	38
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	30

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
1. ICICI Prudent Life 2. Clavigers Techno Solutions 3. IndiGo	70	23	1. TCS (BPS) 2. Amazon 3. Cognizant 4. Infosys	68	30
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	265	Annexure 2	NA	NA	NA
2018	197	Annexure 2	NA	NA	NA
<a href="#">View File</a>					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year  
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	1
Any Other	33
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
10.Christmas celebrations on 5th December 2018	INSTITUTIONAL	150
9. A Food Fest cum exhibition was held in the Department of Teacher Education of Scottish Church College on 12.10.2018	DEPARTMENTAL	40
8. Drama club: Drama Workshop with Sri Soumitra Basu on 09.10.2018	INSTITUTIONAL	39
7. Literary Society: Freshers' Essay Competition on 11.09.2018	INSTITUTIONAL	8
6.Quiz Club: Quizmat Quonnection, 2018, Inter-College quiz competition for under 25 age group on 18.09.2018.	STATE	114
5.Inauguration of SCC Activity Clubs Session publication of Kheyal Pata (wall Magazine) on 28.08.2018	INSTITUTIONAL	200
4.Debate Society: 3 workshops on the Mock United Nations by SehrishHazarika, Jadavpur University, on 25.08.18, 1.09.18 11.09.18	INSTITUTIONAL	40
3.Observation of the day "BaisheyShrabon" on	DEPARTMENTAL	40



08.08.2018 in the Department of Teacher Education		
2. Inter College State sports and Games Championship 2018-19 was organized by the Government of West Bengal Education Directorate from 26th February-4th March, 2019. Scottish Church College was the Host College for the event.	STATE	495
1. College Annual Athletic Meet (18th January 5th February, 2019)	INSTITUTIONAL	130
<a href="#">View File</a>		

### 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Second place in Open Mixed Martial Arts Championship 2018, Mumbai	National	1	0	18A234	RAKTIM SINGHA
2018	Winner at IFL Fight Night Championship	National	1	0	18A234	RAKTIM SINGHA
2018	Best Delegate at IIT (BHU) MUN Conference 2018	National	0	1	16A156	ANIKET SHAW
2018	High Commendation at Delhi University's Student Union TDMUNC 2018	National	0	1	16A156	ANIKET SHAW
2018	Special Mention	International	0	1	16A156	ANIKET SHAW

	Award at International MUN Conference in KIIT University, Odisha					
2018	Special Mention Award at Ravenshaw University MUN 2018, Odisha	National	0	1	16A156	ANIKET SHAW
<a href="#">View File</a>						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Student Union (Council) plays a constructive role in the general activities of the College. The Students' Union (Council) successfully organises cultural programmes like Freshers welcome and the Annual Social and the annual College Fest Caledonia in close collaboration with the College administration and faculty members. The College administration enjoys a healthy relationship with the Student Union (Council). The members of the Union are part of some of the key administrative committees of the College. They are represented by their President and the General Secretary in the College Senatus (lower tier of the College Governing Council). The same are also members of the Editorial Board of the College Magazine published annually. The Cultural Secretary of the Student Union (Council) is a member of the Scottish Church College Students Activity Clubs. He/she acts as a liaison with the main working committee of the clubs led by faculty members for students participation in the various extra-curricular events and competitions hosted by institutions around the city. The Student Union (Council) also works closely with the College NSS unit in organising annual blood donation and Thalassaemia detection or Health Check up camps in the college.

**5.4 – Alumni Engagement**

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Established in 1955 and registered under WB Societies' act 1961 in 1991, the Scottish Church College Former Student's Association has always tried to foster relationship among former students. In the past and present, it has made some tangible financial contributions to the College in the form of infrastructural components. During the period of 2018-19, the Association has kept up its routine activities: the AGM, the Autumn Social, winter get together and a Spring Social. At least 4 Executive Committee Meetings have been held. Two lectures on two eminent Bengali litterateurs have also been held in association with the Federation Hall Society, Kolkata. Additional members have joined the Association in the recent past.

5.4.2 – No. of enrolled Alumni:

490

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

No. of meetings: 4(EC) and 1 AGM Dates: 24.07 7.08 25.09.2018 1.09.2018 (AGM),  
13.03.2019

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. Formation of different statutory subcommittees comprising representatives from all stakeholders of the college for coordinating different administrative activities. 2. Formation of different subcommittees under the supervision of IQAC comprising representatives from all stakeholders of the college for coordinating different academic activities.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

### 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	The College is affiliated to University of Calcutta and follows the curriculum as prescribed by the University. However, several teaching staff members of the college are part of the Board of Studies for different Subjects under the University and are actively involved in curriculum framing and development. For eg: The CBCS syllabus was introduced in the academic session 2018-19 at the UG level in which the teaching staff members were actively involved.
Teaching and Learning	College constantly tries to improve the quality of education that is imparted by implementing various tools and methods required for modern teaching. Two of the faculty members attended a week long training programme on whole person education at the Asian university for women at Chittagong from February 22nd to 1st March, 2019 and later on conducted similar programmes in the college for other faculty members.
Examination and Evaluation	The College holds two centralized examinations each year, viz., the Mid-term Examination and the Selection Test for the 111 system. Results of these examinations are published centrally. Answer scripts are shown to the students and the scheme of evaluation is explained. Model answers are discussed for the benefit of the

	<p>students. Class tests and tutorial classes are held regularly by the departments in order to assess students' knowledge and skills.</p>
<p>Research and Development</p>	<p>Research activities are encouraged in the institute both among the teachers and students. The college has budgetary allocation for organizing departmental seminars and symposia where reputed scholars are invited as speakers. Student seminars in which students showcase their papers bring out research aptitudes latent in them and motivate them to pursue further academic excellence. Individual departments organize seminars and workshops and/or memorial lectures such as the Aparesh Bhattacharya Memorial Lecture organised by the Department of Chemistry.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>The college library is automated {Integrated Library Management System -ILMS}. In the year 2018-19, 632 text books, 3 reference books, 150 journals and 14 CDs have been added to it. In terms of physical infrastructure a new academic building named Jubilee building has been constructed and in it an ICT enabled Academic Enrichment Centre has also come up. With the onset of CBCS system from the 2018-19 academic session, new instruments such as GEL doc apparatus and Spectrophotometer have been procured.</p>
<p>Human Resource Management</p>	<p>The College has a well maintained leave record system for the teaching and non-teaching staff. College provides duty leave to the teachers for attending seminars, symposia, workshops and invited lectures and study leave for advanced study/research. The teachers have a well maintained appraisal system. ? The non-teaching staff have well assigned job specifications and are regularly monitored.</p>
<p>Industry Interaction / Collaboration</p>	<p>The guest faculty in the department of Business Administration includes experts from industries and different management courses outside the college. Both the faculty and the students are intimately associated with the industries through visits, interactions and bonding. The industries often look for and select suitable staff and trainees among the students.</p>
<p>Admission of Students</p>	<p>Scottish Church College is one of the</p>

first institutions under the University of Calcutta to implement online admission process which is hundred percent transparent. Form fill up, publication of merit list, seat allocation as well as payment of admission fee can be done online.

#### 6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	All the recruitment notices of teaching and non-teaching positions are advertised on the college website. Tenders are invited for purchase related matters.
Administration	A lot of governing body resolutions is done by circulation via email which is necessary to expedite necessary administrative decisions. Scottish Church College being a Christian minority institution is permitted to exclude reservations for SC, ST and OBC students in PG courses and this resolution was ratified via e-circulation.
Finance and Accounts	The college salary, income tax, property tax are all done online.
Student Admission and Support	Along with admission, all the notifications for hostel, fee payment, and registration as well as career guidance are displayed on the college website.
Examination	All the notices regarding examination are displayed on the college website so that they can be accessed by students at anytime from anywhere.

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Dr. ARPITA MUKERJI	AIACHE Regional Meeting (North East and Eastern) on 01.09. 2018at Don Bosco University in Guwahati, Assam.	NA	13633
2019	Smt. Varbi Roy	Faculty	NA	28000

and Dr. Riddhi  
Bhattacharyya

Training  
Workshop on  
'Whole Person  
Education' at  
Asian  
University for  
Women (AUW),  
Chittagong from  
22nd to 1st  
March 2019.

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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	NA	Skill Enhancement and Job Specification for Non-Teaching Staff	17/04/2019	17/04/2019	0	100

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
STC on moocs, e-content development and open education resources.	3	19/03/2019	25/03/2019	7
Faculty Training Programme at Asian University for Women, Chittagong, Bangladesh	2	22/02/2019	01/03/2019	7
STC on Peace Studies	1	12/12/2018	18/12/2018	7
"Social and Political Philosophy: Indian and	1	28/11/2018	18/12/2018	21

Western"				
STC on Gender Sensitization	1	14/11/2018	20/11/2018	7
Quantitative techniques in economics: methods and applications in micro econometrics	1	12/11/2018	04/12/2018	21
Indian Life and Culture Revealed in Ancient and Early Medieval Literature"	1	27/08/2018	15/09/2018	21
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
1	2	0	2

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>1. Scottish Church College Teachers council - All part time and full time teachers are subscribers of this body with a nominal amount of subscription fees. Teachers Council always extends their hands in the form of unconditional and instant donation to those teachers who undergo any kind of financial crisis. Scottish Church College Teachers Welfare Fund maintained by Teachers Council provides financial assistance at the time of medical emergencies of teachers.</p> <p>2. Scottish Church College Cooperative credit society Ltd., which is a registered body under West Bengal State Cooperative society, formed in the year 1944. The credit society mainly works</p>	<p>1. Employees' State Insurance scheme for non-teaching staff earning less than Rs. 21, 000, where the employer contributes 4.75 and the employee contributes 1.75, total share 6.5, as per Government scheme. The employees registered under the scheme are entitled to medical treatment for themselves and their dependents, under ESI affiliated Hospitals. 2. College gives a festival advance to the non-teaching staff of the college, which they adjust with instalments at 0 interest. 3. College also gives festival Ex-Gratia to contractual teaching and non-teaching staff of the college. 4. College also provides extra rooms to the needy group-D staff for assisting their children in higher</p>	<p>1. Every year the college provides under its Free-Studentship scheme waive of tuition fees for economically backward students after proper screening. 59 students were given subsidy for 2018-19 out of which 2 students (visually challenged) were given full waive of their college fees. 2. Being a minority institution, the college organises an Annual Retreat for Christian students to instil moral and ethical values. 3. Regular scripture classes are held for all students to make them aware of a higher spiritual life as part of a holistic educational programme. 4. Gym facilities are available for all the students of the College. 5. 3 Boys' Hostel and 1 Girls' Hostel are</p>

under the elected members of the college. In any kind of financial crisis the society can provide loan of maximum of Rs. 1 lakh to both substantive teaching and non-teaching staff of the college, even if the member does not have that much amount in his/her account. 3. Gym facilities are available for all the teachers of the College.

studies.

provided for students coming from distant places including other states.

#### 6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The audit system of the college is up to date till 2018-19. The internal audit has been performed by Vikash Agarwal and Company and government statutory audit has also been performed.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
APALA BHATTACHARYYA, JULIE BANERJEE AND UBCHEA	640000	ENDOWMENT GRANT FACULTY DEVELOPMENT PROGRAMME
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

640000

#### 6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	External Expert Committee	Yes	Internal Management Committee
Administrative	Yes	External Expert Committee	Yes	Internal Management Committee

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1) Regular Parent Teacher Meeting is a regular practice of the institution where parents are made aware of their ward's performance in college and attendance, their discipline and participation in various college activities. The feedback that the parents give during parent teacher's meeting is noted down and actions taken independently. 2) Parents are part of the anti-ragging committees. 3) However, there is no formal parent-teacher association in the college.

6.5.3 – Development programmes for support staff (at least three)



1) Orientation programmes are conducted for the support staff. 2) They are given training on soft skill development. 3) They are also trained on fire fighting measures.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1) Academic and Administrative Audit has been performed 2) Application has been made to University of Calcutta as well as Department of Higher Education , Government of West Bengal for Sanctioning M. Sc course in Zoology 3) Teachers are working on major research projects and publishing in UGC enlisted journals

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	IQAC, Scottish Church College organised UGC-CPE sponsored Day- Long Workshop on "Use of ICT in Teaching Learning and Administrative Practices"	31/07/2018	31/07/2018	31/07/2018	50
2019	Scottish Church College organised Alexander Duff Memorial Lecture on 'The Long History of Partition and Migration in Bengal 1947-56'. Prof. Sekhar Bandyopadhyaya, renowned historian and a noted author had	12/03/2019	12/03/2019	12/03/2019	200

delivered  
the lecture.

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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Wives and workers: Child marriage in West Bengal	21/08/2018	21/08/2018	79	53
One day State level seminar on Dynamics of gender at play: The case of Transgenders.	27/08/2018	27/08/2018	75	76

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

Power requirement met by renewable energy sources - 137 kWh/ month (2.5) Total power requirement - 5756 kWh/month Renewable energy source - Solar power cell Renewable energy generated and used - generated 137 kWh/ month and used - zero Energy supplied to the grid - 137kwh/month

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	0
Ramp/Rails	Yes	1
Rest Rooms	Yes	1
Scribes for examination	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	14/10/2018	1	Pre Puja Celebrations	New clothes distribution to Adopted underprivi	26

						leged Children	
2018	1	1	22/12/2018	1	Pre Christmas celebrations	Winter clothes distribution to underprivileged Children	23
2018	1	1	04/02/2019	10	NSS Special Camp in the College Adopted Slum	Lectures on Mental Health Life Saving Skills Mountaineering Food, Health Society etc. Along with programmes with slum children	50
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor/Director/Principal/Officials and support staff	26/07/2018	Refer to the website URL: <a href="http://www.scottishchurch.ac.in/code_of_conduct.php">http://www.scottishchurch.ac.in/code_of_conduct.php</a>

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Van Mahotsav (Tree Plantation Prog.) Independence Day Celebration.	14/08/2018	15/08/2018	50
Participation in rally on Vivekananda's Birthday	12/01/2019	12/01/2019	37
No file uploaded.			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. The college has rain water harvesting scheme which is used for water reserve for fire control system. 2. The college has vermicomposting pits for solid waste management. 3. Electronics and e-waste management scheme for which the college also earns credit points. 4. Solar panel has been set up for campus

lighting. 5. The campus uses LED Lighting to reduce electricity consumption. 6.Green landscaping with trees and plants and tree plantation by students 7.Department of Botany maintains a polyhouse and medicinal plants garden in the campus.Mushroom cultivation and hardening of tissue culture plants are carried out in the polyhouse. 8.Campus cleaning campaign by NSS unit of the college 9. Biotoilet in the B.Ed. building campus 10. Restricted entry of automobiles

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

Title of the Practice : Green Campus Green campus initiatives are becoming integral part of the modern day education system and the institutions can act as pioneers in promoting these principles within society. Our college has initiated the green campus program in order to support a sustainable and climate-friendly environment. The main objectives for these initiatives were environmental awareness and education, the use of sustainable energy and energy efficient measures, comprehensive recycling and composting and green landscaping in the campus. Our main focus behind this Green campus program is to ensure the sustainability of sufficient water, materials and other resources for our future generation. Our college has tried to implement this program by organization of conferences and training programs for students and staff and implementation of interdisciplinary research projects in the field of life science in collaboration with UBCHEA. More stress is being given on the proper infrastructure development so as to continue and maintain the green practices. Our college has promoted variety of activities to help protect the environment and sustain its natural resources. Our college is smoke free campus. Our college has partially paperless office and e- library. The college has addressed its waste disposal problem by vermicomposting. The solid wastes generated from the college canteen are used in vermicomposting pits to generate compost which is used in college gardening purpose. Also in the area of water conservation the laboratories have their runoff water attached to tanks. The stored water is used for erstwhile purpose. The e-waste generated in the college is managed by a company Hulladek. During rainy season we collect the roof rain water through filter fitted pipes in a reservoir and use it later during fire drill, washing the roads and gardening purpose. The college has installed solar panels on the roofs which generates 900kW/month energy. The college has also installed LED facilities in the classroom, seminar room and examination room of the main campus and also in the Jubilee building. The campus harbours a diverse amount of flora and fauna elements. About 100 plant species including medicinal plants are there in the campus. Mushroom cultivation and hardening of tissue culture plants are carried out in the polyhouse (maintained by Botany dept.). The college has undertaken many different projects and organized seminars on environmental related issues funded by UBCHEA from year 2012 onwards. a) Campus assessment of flora, fauna and microbial diversity (2012-14). b) Green campus - Audit assessment cum training for students (2016-17). c) Assessing the chemical and microbial content of drinking water and drain out water of a necessary school and college (2016-18). d) Awareness program on Global water crisis and conservation was organized by the college in collaboration with Pollution Control Board for school and college students on 10th January 2018. e) Some minor research projects are also going on in various dept. on important environmental issues like bioremediation, phytoremediation, etc. The NSS unit of the college deserves a special mention for organising regular campus cleaning campaigns, awareness program on emerging issues for environmental education. College has built up biotoilet in the B.Ed. building campus which is an ecofriendly approach. Fire management system has been established in the college by a company called Flash point. The roof water harvesting system which collects rainwater would provide water for fire management. The Green campus program

should be considered as a necessity in every institution and separate funds should be allotted for this. Implementation of the green practices needs series of awareness programs to educate more people and train them for it. Going green not only needs investment in terms of money but also a strong will from all the beneficiaries. Title of the practice: Teachers' Welfare Fund A number of welfare schemes are operative in the college for permanent and Contractual employee. Apart from these schemes a special Teachers' Welfare fund was established in 2009 by Teachers Council of Scottish Church College to extend monetary help to the present and former teachers who are suffering from serious ailment and are undergoing medical treatment for a long period of time. This has been established not only in the view of medical help but also to develop interpersonal bonding among the teaching staffs of the college. There are welfare schemes such as College Provident Fund for Permanent employees, Employees' Provident Fund for contractual staff, Cooperative Credit Society and Group Insurance Scheme for all staff and the ESI scheme for non teaching staff. The college also has a Group D Welfare fund generated from the subscriptions given by the members of Scottish Church College Employees' Union, for the benefit of Group D staff. Besides these welfare schemes, Scottish Church College Teachers council established a special welfare scheme known as Teachers' Welfare fund for helping former and present teachers in times of dire need. The fund was generated during the tenure of Teachers' Council Secretary Dr Chandan Kumar Pal in the year 2009. Since then each and every member of Teachers' council contribute Rs. 200 per month from their salary in this fund. A separate bank account for this welfare fund is maintained in UCO Bank, Beadon Street branch and the fund is audited every year. The main motto of this fund is to help the teachers for only medical purpose and not for anything else. The uniqueness of this welfare fund is that this has been generated exclusively from the teachers contribution. Since the available medical facilities for the teaching staff is not adequate to meet up the increasing expenses in the ground of medical treatment, this fund would be of great help for the present as well as former teachers of the college. In 2015 a sum of one lakh rupees was given to Smt Kakali Guhathakurata of Computer Science Department for treatment of Breast cancer. In 2017 a sum of rupees one lakh twenty five thousand was given to Dr. Dinabandhu Kundu of Chemistry Department who had been undergoing through prolonged medical treatment. Since all the teachers generously contribute in this fund and a separate account is maintained, the college till date encounters no problem with this welfare scheme.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

[http://www.scottishchurch.ac.in/docs/IOAC/20191216\\_Green\\_Campus\\_and\\_en-campus\\_facilities.pdf](http://www.scottishchurch.ac.in/docs/IOAC/20191216_Green_Campus_and_en-campus_facilities.pdf)

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Scottish Church College is one of the oldest educational institutions in the city of Kolkata, and at the same time it is also one of the most modern and technically updated one. This integration between tradition and modernity is the distinctive feature that sets the college apart from other institutions. In the past the college was considered to be the seedbed for the Bengal Renaissance that was sweeping through 19th century. Even today it is valued as an important centre for dissemination in this era of advancing technologies and knowledge. The college was founded by the first overseas missionary of the Church of Scotland, Rev. Alexander Duff, with the generous help of an eminent educationist and social reformer of nineteenth century India, Raja Rammohan Roy. Throughout its history it has produced students who have excelled not just

in academics but in all walks of life. It was in the portals of this College that Swami Vivekananda was told about the great seer Ramakrishna Paramhansa. The college has nurtured and gifted the nation a number of stalwart leaders and freedom fighters like Netaji Subhas Chandra Bose, Nirmal Chandra Chatterjee, Bisheshwar Prasad Koirala, Shaukat Ali Khan, Yangmaso Shaiza, Ambica Charan Majumder, Saroj Dutta and many others. If it inspired young Indians to dream of an independent nation it also produced administrators, educationists, philosophers as well as new thinkers like the founder of ISKCON. The college has been a trail blazer in the field of womens education too. In 1876 Chandramukhi Bose passed the F.A examination from this college. The College became the pioneer in introducing regular coeducation courses in Bengal in 1924. The college also housed a vocational course for women since the early twentieth century in the building where the teacher-training course for women students are held today. There is a gender grievance cell, and the different programmes and seminars organized by the college reflect the contemporariness of the vision of the college. In 2018 , a whole day seminar on the problems of the Third Gender was organized by the college. The college has expanded both horizontally and vertically over the years. In the new Millennium the college ushered in a new phase by introducing undergraduate courses in new-age subjects like Computer Science and Microbiology. To keep up with the changing times we have introduced BBA , Commerce courses and Post Graduate courses. Till today the college is maintaining the balance between tradition and modernity. A typical day in the college begins with the Morning Prayer. But then the regular activities of the college run with the aid of modern facilities: ICT enabled classrooms, laboratories with updated equipment, automated library, digital notice board, modern gymnasium. Scottish Church is one of the first colleges in the city to introduce online admission. The continuing academic excellence is represented by the Journal of Humanities and Social Sciences. The College alumni include many celebrities in the field of science, technology, academics, corporate, sports, culture, almost all walks of life.

Provide the weblink of the institution

<https://www.scottishchurch.ac.in/>

### **8.Future Plans of Actions for Next Academic Year**

1. Conduct the Alexander Duff Memorial Lecture 2. Invite speakers from other institutions to address staff on NIRF and NAAC 3. In collaboration organize seminar on International Relations and Peace 4. Initiate process of promoting facilities for Research in the College 5. Training on e-learning facilities particularly usage of smart classroom 6. Cultural programmes focussing on community outreach 7. Seminar focussing on gender based issues.