Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**SCIENCE COLLEGE, KOKRAJHAR**
Name of the head of the Institution	**Dr. Ramananda Sinha**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**03661275204**
Mobile no.	**9435026932**
Registered Email	**sciencecollege95@gmail.com**
Alternate Email	**principal@sciencecollege.ac.in**
Address	**Vill- Bhatarmari PO- Kokrajhar**
City/Town	**Kokrajhar**
State/UT	**Assam**
Pincode	**783370**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Semi-urban**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Mr. Biswajit Nath**
Phone no/Alternate Phone no.	**03661275204**
Mobile no.	**9435720208**
Registered Email	**sciencecollege95@gmail.com**
Alternate Email	**iqacsck@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://sciencecollege.ac.in/iqac/aqar/5e6e386085ea1_aqar_report.pdf
4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://sciencecollege.ac.in/calendar/calender-19-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.54**	**2016**	**25-May-2016**	**24-May-2021**

6. Date of Establishment of IQAC	**07-Jul-2009**

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
Workshop on How to handle Digital Board and WebEx for online classes	**18-May-2020** **1**	**70**

Workshop on LATEX	19-Oct-2019 1	68
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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
Institute	RUSA 2.0	State Govt	2019 365	10000000
Institute	Scholarship	State Govt	2019 365	100000
Institute	Scholarship	State Govt	2020 365	509848
Institute	Financial Assistance	State Govt	2019 365	1152000
Institute	B. Voc.	UGC	2019 365	969000
Institute	Community College	UGC	2020 365	2212800
Faculty	Research Project	NIF	2019 730	250000
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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 :	3
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

12. Significant contributions made by IQAC during the current year(maximum five bullets)

• Upgradation of Central Instrumentation Facility (CIF) by inclusion of Soxhlet apparatus, Magnetic stirrer and Distillation unit. • Organized a one day "workshop on Latex" in collaboration with Research Cell on 19/10/2019 • Conducted

a one day workshop " How to Handle Digital Board and Webex for Online Class" on 18/05/2020 • Participated in NIRF India ranking 2020 and uploaded the data on AISHE portal. • Fulfilling the demand of IQAC, Department of Chemistry and NSS unit prepared Sanitizer and conducted mass Sanitization Programme.

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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
Construction of Academic building for department wise separate space	Under construction
Collaboration with higher institute and personalities for research	Collaboration established between Dr. Pranjal Kalita, CIT, Kokrajhar and Mr. Biswajit Nath, Department of Chemistry, Science College, Kokrajhar
Signing up of MoU's	Signed MoU between Department of Chemistry, Kokrajhar Govt College and Department of Chemistry, Science College, Kokrajhar
Renovation of Auditorium	Renovation under progress
International Conference collaborating all the departments and IQAC	Unable to place in meeting due to COVID-19 crisis
Construction of New laboratory for Botany and Zoology department	Construction is under progress
Active participation of in NIRF, AISHE, RUSA will be ensured timely	Actively participated in NIRF, AISHE, RUSA and got RUSA grant
Upgradation of Central Instrument Facility (CIF)	Upgraded by inclusion of few new instruments
FDP/ Workshop on enhancement of Research will be organized	Workshop on LATEX was conducted on 19/10/2019
[View File](#)	

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Governing Body	18-Dec-2021

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	2020
Date of Submission	11-Jun-2020
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

For positive implementation of curriculum planning and documentation, the institute develops and deploys its mechanism of motion sketch in the following ways: Academic Council: The Academic Council looks into the effective implementation of the curriculum. In the Academic Council's meetings, the action plans for the same is developed and deployed. Regular collection of course completion report ensures the effective deployment of the same in department level. As the council comprises of all the heads of the departments, the rigorous analysis of the completion of course is done. The council also makes sure whether the planning is student-centric. Academic calendar: The convener of the Academic Council prepares an academic calendar giving the details of working days and holidays in tune with university. Keeping the examination days in mind, activities to be undertaken are scheduled. The calendar is given to each student at the beginning of the session with the emphasis that the students and faculty can map their activities throughout the session. The time table outlays all aspects of curriculum, viz theory, practical and tutorial classes. Course Distribution: The course curriculum is distributed among the faculties at the outset of each session by the respective head of the department after having a discussion with the departmental colleagues. As per the class load, the course distribution is dispersed in black and white. Lesson plan and note: Each of the faculty members prepares a lesson plan according to course distribution and submits the same to respective head of the department. The head of the department monitors the progression the course on regular basis. Departmental Meeting: In periodical departmental meeting, in addition to other issues, the implementation of the curriculum is also planned, discussed and analyzed. Remedial class: Besides the regular time table, all the departments are instructed to conduct the remedial classes whenever required. Accordingly, the Head of the departments allot classes to the faculty members.

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
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		

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
BSc	B.Sc. Honours and General	01/08/2019

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

	Certificate	Diploma Course
No Data Entered/Not Applicable !!!		

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
No Data Entered/Not Applicable !!!		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained

The Academic Council conducts students' feedback on various aspects of teaching-learning process. The online feedback is being carried out by the council. The process includes feedback on teachers, office, library and hostels. The purpose of the feedback is to make the institution more accountable, efficient and transparent. After the analysis of the feedback result, the Principal (The academic council) conveys it to each faculty member and if necessary, suggests those faculties (whose feedback was not satisfactory) for their improvement confidentially. The students' feedback is obtained on the following aspects: • Communication of the teacher on the topics taught • Completion of syllabus on time • Knowledge base of the teacher • Accessibility of the teacher • Sincerity and commitment of the teacher • Motivating capacity of the teacher • Generation of interest on the subject and other related social matters • Resources provided by the teacher • Overall performance of the teacher. In Parent-Teachers meet, the feedback on institutional quality is also collected from the parents and analyzed. Based on the analysis report, possible measures are

planed on consultation with the Principal. A general meeting is also held for the same.

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
BSc	Physics (H)	35	73	27
BSc	Chemistry (H)	35	121	38
BSc	Mathematics (H)	35	57	14
BSc	Botany (H)	35	122	41
BSc	Zoology	35	127	42
BSc	Computer Science (H)	35	95	34
BSc	General	150	158	35
BSc	Information Technology	30	109	31
BPT	Physiotherapy	25	86	26
MSc	Zoology	20	33	24
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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
2019	793	45	31	Nill	14

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	Numberof smart classrooms	E-resources and techniques used
41	41	10	7	7	5
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The mentoring system is maintained in Department level. The Head of the Department allot the students faculty wise for mentoring. Classification is done semester wise and the distribution is done accordingly. The overall development of the students are mentored by the respective faculty and the progress is discussed in the departmental meetings and measures taken accordingly for remedial action.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
838	41	1:20

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
42	41	1	Nill	10

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
2020	Mr. Biswajit Nath	Assistant Professor	CrystEngComm Oral Presentation Prize of Royal Society of Chemistry for the best Oral Presentation at International Conference ETCS-2020, 13-15 Feb, 2020 at Department of Chemistry Gauhati University.

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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	Major, Honours and general	Semester VI	21/10/2020	30/11/2020
BSc	Information Technology	Semester VI	21/10/2020	16/12/2020
BPT	Physiotherapy	Final Year	21/10/2020	18/12/2020
MSc	Botany	Semester IV	21/10/2020	23/12/2020
MSc	Zoology	Semester IV	21/10/2020	29/12/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Introduction of class tests followed by sessional examination and unit test for evaluation of students progress in undertaken. In addition continuous Home assignment, seminar presentation, practical test are also conducted for

constant evaluation of the students. Spot evaluation of answer scripts, discussion of answering pattern with the students as well as redressal of the difficulties faced by the students during learning are the reforms for evaluation.

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

At the beginning of the session the college an academic calendar in tune with the academic calendar of the affiliated university and comprising of all the possible events and tentative dates of the internal examination to be hold is prepared by the convener of Academic Council of the college with due approval of the chairman of the academic council and the principal of the college. The hard copy of the same is distributed among all the departments, sub-committees, students by the vice-principal and is instructed to follow the same. A copy of the same is also inserted in the Notice Board for ready reference to all. As the calendar basically contains the list of National, State level and Local holidays, Schedules of the College Examinations, College Week, Students Union Election, Sessional Examination, Course completion, the tentative dates of university end semester examination, the tentative dates of NSS activities and tentative schedule of programmes to be conducted by sub-committees and accordingly all section of the college make the planning of their activities for better execution. Schedule of other activities such as Parent-Teachers meeting also mentioned in the academic calendar. The academic council looks after the smooth implementation of the academic calendar by all. All the programmes and activities are adhered according to the schedule mentioned in the academic calendar. Under unavoidable circumstances, the schedule may be altered in consultation with the principal as well as Academic Council meeting.

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://sciencecollege.ac.in/sixsem-2019-20/bsc-six-sem-2019-20.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
B.Sc.	BSc	Major and General	177	103	58.19
B.Sc. IT	BSc	Information Technology	41	5	12.19
BPT	BPT	Physiother apy	3	3	100
M.Sc. Zoology	MSc	Zoology	9	2	22.22
M.Sc. Botany	MSc	Botany	10	2	20
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the

http://sciencecollege.ac.in/iqac/iqac_download.php

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	730	NIF	7.2	2.5
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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
No Data Entered/Not Applicable !!!		

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
No Data Entered/Not Applicable !!!				
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

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

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

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	Physics	2	Nill
National	Mathematics	2	Nill
International	Chemistry	5	5
International	Physics	5	1
International	Mathematics	1	Nill
International	Zoology	3	Nill

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
No Data Entered/Not Applicable !!!	

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
Investigating the electronic and nonlinear optical properties of fullerene by substituting N, P, As, and Sb in the lattice structure: a DFT study	Ashok Singh	Applied Physics A	2020	3	Science College, Kokrajhar	2
Influence of climatic indices (AMO, PDO, and ENSO) and temperature on rainfall in the Northeast Region of India	Ashok Singh	SN Applied Science	2020	4	Science College, Kokrajhar	3
Optimization of System Parameters and Kinetic Study of Photocatalytic Degradation of	Mehdi Al Kausor	Journal of Nano Particle Research	2020	8	Science College, Kokrajhar	6

Toxic Acid Blue 25 Dye by Ag3PO4@RGO Nanocomposite.						
Facile Fabrication of N-TiO2/ Ag3PO4@GO Nanocomposite toward Photodegradation of Organic Dye under Visible Light	Mehdi Al Kausor	Inorganic Chemistry Communication	2020	16	Science College, Kokrajhar	14
Ag3PO4-based Nanocomposites and their Applications in Photodegradation of Toxic Organic Dye Contaminated Wastewater: Review on Material Design to Performance Enhancement.	Mehdi Al Kausor	Journal of Saudi Chemical Society	2020	27	Science College, Kokrajhar	24
Highly efficient renewable heterogeneous base catalyst derived from waste Sesamum indicum plant for synthesis of biodiesel	Biswajit Nath	Renewable Energy	2020	29	Science College, Kokrajhar	26
Waste to value addition: Utilization of waste	Biswajit Nath	Journal of Cleaner Production	2019	51	Science College, Kokrajhar	46

Brassica nigra plant derived novel green heterogeneous base catalyst for effective synthesis of biodiesel						
Long-term Rainfall Data Analysis of the Major Stations of Brahmaputra Plain in Northeast Region of India	Ashok Singh	Indian J of Sci Technol	2020	Nill	Science College, Kokrajhar	Nill
A study on Ecology of Amphibians breeding habitats of Kokrajhar district, Assam, India.	Jwngma Narzary	International Journal of Scientific Research in Biological	2019	Nill	Science College, Kokrajhar	Nill
Investigating the electronic and nonlinear optical properties of fullerene by substituting N, P, As, and Sb in the lattice structure: a DFT study	Samir Thakur	Applied Physics A	2020	3	Science College, Kokrajhar	Nill
[View File](#)						

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
Waste to value addition: Utilization of waste Brassica nigra plant derived novel green heterogeneous base catalyst for effective synthesis of biodiesel	Biswajit Nath	Journal of Cleaner Production	2019	4	46	Science College, Kokrajhar
Highly efficient renewable heterogeneous base catalyst derived from waste Sesamum indicum plant for synthesis of biodiesel	Biswajit Nath	Renewable Energgy	2020	4	26	Science College, Kokrajhar
Ag3PO4-based Nanocomposites and their Applications in Photodegradation of Toxic Organic Dye Contaminated Wastewater: Review on Material Design to Performance Enhancement.	Mehdi Al Kausor	Journal of Saudi Chemical Society	2019	4	24	Science College, Kokrajhar

Title	Author	Journal	Year			College
Facile Fabrication of N-TiO2/Ag3PO4@GO Nanocomposite toward Photodegradation of Organic Dye under Visible Light	Mehdi Al Kausor	Inorganic Chemistry Communication	2020	4	14	Science College, Kokrajhar
Optimization of System Parameters and Kinetic Study of Photocatalytic Degradation of Toxic Acid Blue 25 Dye by Ag3PO4@RGO Nanocomposite.	Mehdi Al Kausor	Journal of Nano Particle Research	2020	4	6	Science College, Kokrajhar
Influence of climatic indices (AMO, PDO, and ENSO) and temperature on rainfall in the Northeast Region of India	Ashok Singh	SN Applied Sciences	2020	Nill	Nill	Science College, Kokrajhar
Investigating the electronic and nonlinear optical properties of fullerene by substituting N, P, As, and Sb in the lattice structure:	Ashok Singh	Applied Physics A	2020	Nill	Nill	Science College, Kokrajhar

Title	Author	Journal	Year			Institution
a DFT study						
Long-term Rainfall Data Analysis of the Major Stations of Brahmaputra Plain in Northeast Region of India	Ashok Singh	Indian J. Sci Technol	2020	Nill	Nill	Science College, Kokrajhar
A study on Ecology of Amphibians breeding habitats of Kokrajhar district, Assam, India.	Jwngma Narzary	International Journal of Scientific Research in Biological	2019	3	Nill	Science College, Kokrajhar
Degradation of Amphibian breeding habitats due to road construction in Kokrajhar district, Assam, India	Jwngma Narzary	International Journal of Science and Engineering development Research	2020	3	Nill	Science College, Kokrajhar

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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	11	7	Nill	Nill
Presented papers	11	3	Nill	Nill
Resource persons	Nill	Nill	Nill	Nill

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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
Sanitization of DC office, SP office ant all ATMs of Kokrajhar Town	NSS Unit in collaboration with District Administration, Kokrajhar	5	8
Preparation of Hand Sanitizer	NSS Unit in collaboration with Department of Chemistry, Science College, Kokrajhar	3	Nill
Preparation of poster to create awareness on COVID-19	NSS Unit, Science College, Kokrajhar	Nill	10
Distribution of Grocery iteams to village Chandamari Pt. II	NSS Unit in association with Teaching and Non-Teaching Staf, Science College, Kokrajhar	2	6
Preparation of 2 Nos of videos to create awareness on How to wash Hand	NSS Unit, Science College, Kokrajhar	Nill	2
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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
District Youth Parliament	1st Position, Neha Thapa, B. Sc. 6th Semester	Ministry of Youth Affairs Sports, Govt. of India	1
Debate Competition on the ocassion of Assam Police Day	Best Debater Team, Neha Thapa (B. Sc. 6th Semester) Bhaskar Bhowmick (B. Sc. 4th Semester)	Assam Police	2
Debate Competition on the ocassion of The 1st Kokrajhar District Inter-Collegiate Meet	Best Individual Debeter, Neha Thapa (B.Sc. 6th Semester)	Bodoland Students Union	1
Debate Competition during TECHAACY-2019- an Annual Festival of CIT, Kokrajhar	1st Runner up, Neha Thapa, B. Sc. 6th Semester	CIT Kokrajhar	1

Debate Competition on the ocassion of 35th Foundation Day of Kokrajhar Law College	Best Debater, Neha Thapa, B. Sc. 6th Semester	Kokrajhar Law College	1

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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 activites	Number of students participated in such activites
Gandi Jayanti	NSS Unit in collaboration with Silver Jubilee Celebration Committee, Science College, Kokrajhar	Tree Plantation	15	42
Swachhata Hi Seva Hai	NSS Unit, Science College, Kokrajhar	Cleanliness Drive	4	58

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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
Research	3	College fund	5
Faculty Exchange	70	College fund	1

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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
No Data Entered/Not Applicable !!!					

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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

Department of Chemistry, Kokrajhar Govt College, Kokrajhar	15/10/2019	Faculty and Student Exchange	62
	View File		

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
43	43.3

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Others	Existing
Laboratories	Existing
Class rooms	Existing
Class rooms	Newly Added
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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
SOUL	Partially	2.0.9	2015

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	7678	3303883	Nill	Nill	7678	3303883
Reference Books	2045	500000	335	1000811	2380	1500811
Journals	1	2700	Nill	Nill	1	2700
Digital Database	1	Nill	Nill	Nill	1	Nill
CD & Video	60	Nill	Nill	Nill	60	Nill
Library Automation	1	400000	Nill	Nill	1	400000
			View File			

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	Date of launching e-

		is developed	content

<div align="center">No Data Entered/Not Applicable !!!</div>

<div align="center">View File</div>

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	59	3	14	1	0	2	12	2	0
Added	2	0	0	0	0	0	0	0	0
Total	61	3	14	1	0	2	12	2	0

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

<div align="center">2 MBPS/ GBPS</div>

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

<div align="center">No Data Entered/Not Applicable !!!</div>

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 incurredon maintenance of physical facilites

<div align="center">No Data Entered/Not Applicable !!!</div>

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 college has provision for framing different sub-committees subject to the approval of the Governing Body. The respective sub-committees are responsible for the respective internal functioning of the college. The college has adequate laboratories which cater to the academic needs of the students. The departments design and deploys the rule for utilization of the same. The departmental laboratories are allotted bearers who assist the departments for the maintenance of the same. In addition to departmental laboratories, the college has Biotech Hub and Central Instrumentation Facility for catering the practical and research need of the faculties. The students of the institution can avail the facilities in consultation with the respective coordinators. The college has a resourceful Central Library with a librarian and the supporting staff. The Central Library is fully automated with adequate number of books for different subjects having self-issue-return facilities with RFID system. Digital Library Cards are issued to the students for taking books from the library. The Library rule and regulations framed by the Librarian are adhered by the students and the faculty members of the college. Apart from this every department has a departmental library which is governed by a departmental teacher-in-charge appointed by the heads of the respective departments. The students take the opportunity of reading departmental library books. The

college has an indoor stadium with adequate sports facilities along with mini gymnasium. The students enjoy the facilities by following the rules and regulations adopted for the same. The Prof-In-Charge of the indoor stadium monitors and supervises the activities related to it. There is a provision of membership for outsiders to enjoy the facilities. The college has three computer laboratories which are for Computer Science department, Information Technology department and Mathematics department. Students can avail the computer facilities in consultation with the respective Heads of the Departments. In addition to the three computer Labs, the Central Library has an internet access facility with three numbers of computers where students can take the opportunity of internet facility. The Vice-Principal being the Convener of academic council look after the teaching-learning process of the college and maintain the classroom facilities for the students. In consultation with the Principal, regular maintenance of the infrastructures is done. Emphasis is given on the student-centric infrastructural support for the smooth conduct of teaching learning process.

http://sciencecollege.ac.in/pdf/PHYSICAL%20FACILITIES.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	0	0	0
Financial Support from Other Sources			
a) National	0	Nill	0
b)International	0	Nill	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
No Data Entered/Not Applicable !!!			
View File			

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 passedin the comp. exam	Number of studentsp placed
2019	State level programme for Innovative Minds	Nill	62	Nill	Nill
View File					

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	1

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
No Data Entered/Not Applicable !!!					
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	6	B.Sc.	Chemistry	Gauhati University, Guwahati and Bodoland University	M.Sc.
2020	5	B.Sc.	Physics	Bodoland University	M.Sc.
2020	5	B.Sc.	Mathematics	Bodoland University	M.Sc.
2020	24	B.Sc.	Botany	Bodoland University, Gauhati University and Science College, Kokrajhar	M.Sc.
2020	8	B.Sc.	Zoology	Bodoland University	M.Sc.
2020	7	B.Sc.	Computer Science	Bodoland University, Gauhati University and Assam Engineering College	M.Sc. and MCA
2020	3	B.Sc. IT	Information Technology	Bodoland University and Gauhati University	M.Sc. IT
View File					

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
Any Other	12

[View File]

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Inter College Fashion show	Regional	Nill
Sports and Cultural Week	Institution	350

[View File]

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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						

[View File]

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

Student Council is named as "Science College, Kokrajhar Students' Union" which is abbreviated as SCSU. The College holds general election to form the students' union body. The body is elected by the bonafide students of the college for one academic year. The union has seventeen office bearers to look after different aspects concerning students. The activities carried out by the union in an academic session are as follows: 1. Celebration of Freshman Social Day for welcoming the new students 2. Annual College Week (Sports and Cultural Week) 3. Publication of College Magazine 4. Various festivals 5. To support in various other activities organized by the College or as directed from higher authority. The representation of students in academic and administrative bodies- 1. The General Secretary of the Students council represents as member in Internal Quality Assurance Cell. 2. Two students represent as members in NSS advisory body. 3. Represents in Sports and Physical Exercise Cell as member. Helps in the following cells in execution of their activities- 1. Cultural Cell 2. Literary Cell 3. Festival Cell.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The College has a registered Alumni Association, registered under society registration act 1860. The Alumni Association Science College Kokrajhar was established on 4th April, 2011. The constitution of the association was drafted by a committee and adopted on 30th October, 2011. The Members of the first Executive Body are: President: Manjil Basumatary Vice President: Mr. Amit Kurmi General Secretary: Mr. Yashu Pradhan Asstt. General Secretary: Mr. Geolangsar Basumatary, Moumita Goswami Treasurer: Dibyendu Das Executive Members: Mr. Rajib Sarkar, Mr. Daimalu Brahma, Bishal Mondal, Mr. Sanjib Pandit, Mr. Debojit

Saha, Mr. Basudev Das, Mr. Sanjib Dey, Mr. Sodesh Mushahary, Mr. Hwiyang Narzary, Mr. Sukanto Das Advisors: Mr. S. Dey, Asstt. Prof., Deptt. of Mathematics, Mr. A.K. Brahma, Asstt. Prof., Deptt. of Mathematics, Mr. A. Singh, Asstt. Prof., Deptt. Of Physics Miss. S.B. Kour,Asstt. Prof., Deptt. Of Zoology Mr. M.A. Kousar, Asstt Prof., Deptt of Chemistry. This is an association of all the Ex-Students of Science College, Kokrajhar B.T.A.D, Assam, India formed with a view – 1) To make a close coordination among past, present students and the staff of the college 2) To develop a support system for the college in its strive for excellence and competitiveness. 3) To promote such activities that develop the potentials and talents of the students. 4) To conduct seminar, workshop etc. on any burning or progressive subject for the all round development of students. 5) To render social services and organize relief programmes during natural calamities, disaster etc.

5.4.2 – No. of enrolled Alumni:

178

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

7500

5.4.4 – Meetings/activities organized by Alumni Association :

One meeting of Alumni Association was held.

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)

The Governance of the college is monitored and managed by the Governing Body which comprises of the Principal, Teacher's representative, Parents, Librarian, Non-Teaching representative and representatives from the local society. The principal places the important issues pertaining to the management and administration before the governing body for approval. The IQAC of the college plays an important role for the overall development of the college. The college has a practice of decentralization and participative management since inception. Accordingly, for academic management Academic Council is formed comprising all the Head of the Departments and Vice-Principal as the convener of the council. The council manage the academic matters in its meeting, where as for critical issues, discussion done in general meetings also. To carry out the other activities various sub-committees are formed for smooth execution. each sub-committee comprises of Chairperson, Convener and members. The sub-committees are Academic Audit Committee, Planning Development, Examination Cell, Admission Cell, Research Cell, Extension Service Cell, Hostel Development Cell, Sports Physical Exercise and College Week Cell, Cultural Cell, Literary Cell, Festival Cell, Science Talent Development Cell, Green Audit Cell, Career Counseling Cell, Library Advisory Cell, Medical Health and Disaster Management Cell, Website Site Cell, Grievance Redressal Cell, Women Cell, Anti Ragging Cell, Prevention of Sexual Abuse Cell. The sub-committees execute their activities as per the tentative schedule given in academic calendar. All the faculty members are assigned as conveners or members of the sub-committees.

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 institution is affiliated under Gauhati University and curriculum is developed from the concerning university. The Academic Council of the college look after the smooth and effective implementation of the curriculum. Apart from that the departments of the college organize visiting Faculty Program, popular talks, lectures at times to enlighten the students.
Teaching and Learning	For improved the teaching-learning process, the college adopted monthly teaching plan as a best practice which gives an assurance of the completion of the syllabus within a stipulated time and effective teaching-learning process. Remedial classes are also arranged for the benefit of the students.
Examination and Evaluation	The Examination and Evaluation process are administered by the Examination Cell of the college. University Examinations are conducted as per university's instructions. Internal examinations, home assignments, seminar presentations, practical tests are also organized for constant evaluation of the students. Spot evaluation of answer scripts, discussion on answering pattern with the students are some of the innovative processes adopted in examination and evaluation reform.
Research and Development	To improve the quality of research, the IQAC and Research cell adopted few activities. IQAC established the central instrumentation facility for availing the same by the faculty and students in research. The research cell jointly with IQAC encourage the faculty members for publication of their research works in Indexed Journals. Accordingly, the number of publications in indexed journals is increased. In addition to this student are also trained with the basics of research works engaging them in various project works.
Library, ICT and Physical Infrastructure / Instrumentation	The Central Library is fully automated with adequate number of books for different subjects having self-issue-return facilities with RFID system. Introduction of new quality books as per syllabus is a regular

	practice of the college. Apart from this every department has a departmental library with a number of text books and reference books. The students make utmost use of departmental library books. Physics, Chemistry, Mathematics, Botany and Zoology department are enabled with smart Board facility for smooth conduct of classes. Computer Science, Information Technology and Mathematics department were equipped with computer labs.
Human Resource Management	For quality improvement in teaching, learning and research, the authority encourage the faculty members for participating in various Faculty Development Programs. The authority also persuade to participate and present papers in seminars, conferences etc.
Industry Interaction / Collaboration	The college interact with the nearest NTPC and IOCL, Bongaigaon refinery for students exposure. The visit of industry personalities for student interaction is adopted to create interest of the students in these industries. In addition to that the college is planning to interact with other industries for exposure as well as placement.
Admission of Students	The institution is affiliated under Bodoland University and curriculum is developed from the concerning university. The Academic Council of the college look after the smooth and effective implementation of the curriculum. Apart from that the departments of the college organize visiting Faculty Program, popular talks, lectures at times to enlighten the students.

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

E-governace area	Details
Student Admission and Support	The admission process is online. Notification regarding admission process is given in local news papers as well as college website. The students apply for admission through the admission portal. Online selection, publish of merit list and fee payment for admission, etc. are the steps taken in the process of admission. Promotion to next higher class is also given through online mode in the admission

	portal.
Examination	**All examination related information are circulated to the students through college website as well as WhatsApp group. Class test, home assignments are preferably given and collected through google classroom.**

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
2019	**Dr. Mohesh Gogoi**	**NE Biotech Hub Conference, NERIST, Arunachal Pradesh**	**DBT, Institutional Biotech Hub**	**12000**
		View File		

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	**Workshop on LATEX**	**Nill**	**19/10/2019**	**19/10/2019**	**68**	**Nill**
			View File			

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
FDP on Advanced Research Methodology	**3**	**17/02/2020**	**01/03/2020**	**14**
Online Workshop on Comprehensive e- learning to e – learning guide for Administrative work	**1**	**25/05/2020**	**05/06/2020**	**12**
National	**1**	**16/11/2019**	**29/11/2019**	**14**

Workshop On Research Methodology				
One Day Workshop on LATEX	5	19/10/2019	19/10/2019	1
Advanced concepts for Developing MOOCS	2	02/07/2020	17/07/2020	16
Short Term Online Course on Computational Physics	1	12/05/2020	18/05/2020	7
FDP on Fundamentals of Python Programming Scilab	2	27/01/2020	31/01/2020	5
Online FDP on Moodle Learning Management System	2	27/01/2020	31/01/2020	5
3rd IUCAA sponsored workshop on Astronomical Data Analysis	1	17/09/2019	19/09/2019	3
Workshop on Recent Trends on Fuzzy Sets and Fuzzy Logic	1	06/09/2019	08/09/2019	3
[View File](#)				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	4	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
No Data Entered/Not Applicable !!!		

6.4 – Financial Management and Resource Mobilization

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

Internal Audit: The institution has an internal audit committee which does the internal audit of the financial matters of the college. External Audit: Every year the college goes through an annual audit of the financial accounts of all heads by a Govt. registered Chartered Accountant maintaining all formalities. Govt. funds are audited as and when needed by Govt. registered Chartered Accountant and the utilization certificate is sent accordingly keeping the

	records in the office guard file.

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
No Data Entered/Not Applicable !!!		
View File		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

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	No	Nill	Yes	Nill
Administrative	No	Nill	Yes	Nill

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

No Data Entered/Not Applicable !!!

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

No Data Entered/Not Applicable !!!

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

As a post accreditation initiative- 1. LAN connection was upgraded in Mathematics Computer Laboratory established after accreditation. 2. The Central Instrumentation Facility established to cater research culture among the faculty and students was upgraded by inclusion of few new instruments. 3. The Digital classrooms created for each departments are maintained accordingly.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
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
2019	Workshop on LATEX	19/10/2019	19/10/2019	19/10/2019	68
2020	Workshop of How to handle Digital Board and WebEx for online classess	18/05/2020	18/05/2020	18/05/2020	70

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
No Data Entered/Not Applicable !!!				

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
No Data Entered/Not Applicable !!!

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nill
Ramp/Rails	Yes	Nill
Rest Rooms	Yes	Nill

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
No Data Entered/Not Applicable !!!							
No file uploaded.							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
No file uploaded.			

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

Science college, Kokrajhar plays an important role by adopting various initiatives to make the college campus eco-friendly. Some important initiatives adopted during the year 2018-2019 are (i) Energy Conservation: The Institute uses energy efficient lighting fixtures like CFLs and LEDs in all classrooms and departments. The faculty and the students are encouraged to use e-resources and wherever possible, e-circulars are used for communication among the Faculty and students. (ii) Use of Renewable Energy: To promote use of renewable energy,

energy efficient fixtures like solar lamps, solar street lights were installed throughout the college campus. The Institute uses solar energy all over the campus by solar rooftop scheme. (iii) Waste Management: Waste can become severe pollutant, contributing to landfills and toxins which harm the earth's soil and atmosphere. In this regard, the waste materials of the Institute is segregated into biodegradable and non-biodegradable wastes. The use of toxic and harmful chemicals is discouraged during practical classes. The college does not use any radioactive substances in laboratories. (iv) Generating awareness: The Institute promotes sustainable development and encourages conservation of all resources. The faculty and students were encouraged to use 100 cotton compostable bags and the use of plastic cups and plastic glasses were totally avoided in the College campus. (v) Green Audit: The Institute has a Green Audit Committee which ensures that the College campus is eco friendly from all areas.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices : 2019-20 Title of the practice: "Enrichment of research culture through Soil and Water Testing Centre concerning local issues" Goal: The institute has the aim to enrich its students in research by concerning local issues. The context: The water quality of the locality was a question for the locality and usually raise a question whether the drinking water is potable or not. Accordingly, the Department of Chemistry through its soil and water testing centre adopt the best practice to evaluate the quality of drinking water that also create a research culture among the student which will develop the quality of the students as well as make understand the local issues. The Practice: As per the suggestion of IQAC, the Department of Chemistry in their departmental meeting discussed and adopted the mechanism of giving project to the students to evaluate the potable water quality and soil quality of the locality. Accordingly, the students were given project on potable water quality analysis of Kokrajhar and nearby area. The students analysed the quality of water and reported to the department which gives a clear picture about the potability of water. Evidence of success: 1. Departmental students actively participated in the project and did the analysis with encouragement. 2. Students' interaction regarding drinking water and probable suggestive measure make aware about increase of research culture among them. Title of the practice: "Monthly Teaching Plan" Goal: The academic council keeps its aim to monitor and uplift the course progress designs the monthly teaching plan format for timely completion of courses. The context: Due to various unavoidable and other circumstances the courses are not being able to complete in due time. For the complete benefit of students as well as for student centric teaching learning process 'Monthly Teaching Plan' is implemented. The Practice: For smooth implementation of curriculum and timely completion of the syllabus, Monthly Teaching Plan and course completion reports is being taken by academic council and monitors regarding completion of course curricula in due time. Evidence of success: 1. Courses are being completed is due course of time by maximum faculties and maximum number of students are attending classes regularly and progressed in their result. 2. Faculties are planning for remedial teaching if needed. 3. Students are more interactive with teachers regarding courses curriculum.

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

http://sciencecollege.ac.in/iqac/images/Best%20Practices-2019-20.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

Institutional Distinctiveness: The Institute has the vision to become a center of excellence in science education. Accordingly, one of the objectives is to make research a momentous activity involving society and teaching-learning community. In this regard all the faculty members are trying to create a research environment in the college as well as a research mindset of both the teachers and students. To inculcate the same, the IQAC planned and established a Central Instrumentation Facility (CIF) and trying its best for upgradation of the same. In addition to that, all the departments are trying to make equipped with minimum research facilities for student centric research. DBT sponsored Biotech Hub is providing a minimum research facility for life science students and facilitate a supportive hand in execution of research. Utilizing the research facilities available, the faculties are able to perform their research work in publishing in indexed journals. Students as well as communities are involved in different activities organized as well as workshop, conference, hands on training etc. Not only the students of our Institution, students of nearby Institutions are also benefited from the research facilities of our Institution.

Provide the weblink of the institution
http://sciencecollege.ac.in/iqac/images/Institutional%20distinctiveness%202019-20.pdf

8.Future Plans of Actions for Next Academic Year

1. Completion of the construction of academic building for separate space of each department. 2. Construction of One Smart ICT enable seminar hall. 3. Upgradation of Central Instrumentation Facility. 4. Establishment of Collaboration with institute and academia for research. 5. Signing of MoUs with other institution for faculty as well as students exchange. 6. Construction of one common computer lab for students exposure.