



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

|   |  |                            |
|---|--|----------------------------|
| <b>1. Name of the Institution</b>             |  | BIDHANNAGAR COLLEGE        |
| Name of the head of the Institution           |  | MR. TAPOMAY DAS            |
| Designation                                   |  | Principal (in-charge)      |
| Does the Institution function from own campus |  | Yes                        |
| Phone no/Alternate Phone no.                  |  | 03323374782                |
| Mobile no.                                    |  | 9433374177                 |
| Registered Email                              |  | principal.bnckol@gmail.com |
| Alternate Email                               |  | tapomay@gmail.com          |
| Address                                       |  | EB 2, Sector 1             |
| City/Town                                     |  | Salt Lake                  |
| State/UT                                      |  | West Bengal                |
| Pincode                                       |  | 700064                     |
| <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. Bharati Mukhopadhyay |
| Phone no/Alternate Phone no.           | 03323374761              |
| Mobile no.                             | 9830236004               |
| Registered Email                       | bnciqac@gmail.com        |
| Alternate Email                        | bharatidr@hotmail.com    |

### 3. Website Address

|  |   |
|--|---|
| Web-link of the AQAR: (Previous Academic Year)                           | <a href="http://www.bidhannagarcollege.org/uploads/AQAR%20Report%202018-2019%20BNC.pdf">http://www.bidhannagarcollege.org/uploads/AQAR%20Report%202018-2019%20BNC.pdf</a> |
| <b>4. Whether Academic Calendar prepared during the year</b>             | Yes   |
| if yes,whether it is uploaded in the institutional website:<br>Weblink : | <a href="http://www.bidhannagarcollege.org/uploads/academics%20calendar%202019-20.pdf">http://www.bidhannagarcollege.org/uploads/academics%20calendar%202019-20.pdf</a>   |

### 5. Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | Validity    |             |
|-------|-------|------|-----------------------|-------------|-------------|
|       |       |      |                       | Period From | Period To   |
| 2     | B+    | 2.64 | 2017                  | 28-Mar-2017 | 27-Mar-2022 |

### 6. Date of Establishment of IQAC

29-Jan-2013

### 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 |
| IQAC Meeting  | 30-Jul-2019<br>01 | 10                                    |

|                        |                   |     |
|------------------------|-------------------|-----|
| IQAC mmeeting          | 14-Aug-2019<br>01 | 10  |
| IQAC meeting           | 19-Feb-2020<br>01 | 10  |
| IQAC meeting           | 11-Mar-2020<br>01 | 9   |
| NAAC sponsored seminar | 14-Nov-2019<br>02 | 185 |
| No Files Uploaded !!!  |                   |     |

**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                    | Development Grant | Govt. of West Bengal | 2019<br>365                 | 5561000 |
| Shubhankar Samanta             | Minor project     | WB-DST               | 2018<br>1095                | 90000   |
| Shubhankar Samanta             | Major project     | UGC-DAE              | 2019<br>1095                | 253320  |
| Kiranmoy Chatterjee            | Major project     | SERB-DST             | 1999<br>1095                | 545313  |
| Somnath Mondal                 | Major project     | WB-DSTB              | 1999<br>1095                | 818058  |
| <a href="#">View File</a>      |                   |                      |                             |         |

**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 :**

4

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?**

Yes

If yes, mention the amount

100000

|      |      |
|------|------|
| Year | 2019 |
|------|------|

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

Admission process has been rendered fully online, there being no need of the applicants physically approaching the College for the admission process. Online feedback system for PG students have been introduced. UGC sponsored National seminar on "quality enhancement of student centric teaching learning and evaluation process" has been arranged by IQAC which was held on 1415 Nov, 2019. Remedial measures taken after feedback analysis. Measures involve largely suggestions for the teachers for punctuality, availability and better class room performance. Arranged outreach programme for the school level students in collaboration with INSA Kolkata Chapter on 26th Feb, 2020. PG courses in Anthropology, Botany and Education have been introduced from the

[View File](#)

**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  | Achievements/Outcomes  |
|---|--|
| Regular seminar on current and universal issues   | Naac sponsored National seminar on Teaching Learning, INSA outreach programme on cryoelectron microscopy a national one day seminar, A National Webinar on impact of covid on higher education by Education Dept |
| Awareness Programme on gender equality  | Change initiative with collaboration of American consulate and change initiative with Capgemini  |
| Renovation and expansion of solar energy plant  | Under active consideration by the Government of West Bengal  |
| Continuous awareness programme on health and environment.   | An awareness programme on AIDS held on 27.11.2019 and an e-magazine 'sabuj kalam' on biodiversity was published on 05.06.2020.   |
| The IQAC planned for improvement of Divyangjan facilities in college for the differently abled persons. | Two toilets have been renovated in the college for the use of differently abled persons.   |
| <a href="#">View File</a>   |  |

**14. Whether AQAR was placed before statutory body ?**

No

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

No

|  |   |
|--|---|
| <b>16. Whether institutional data submitted to AISHE:</b>  | Yes   |
| Year of Submission   | 2020  |
| Date of Submission   | 07-Mar-2020   |
| <b>17. Does the Institution have Management Information System ?</b>                             | Yes   |
| If yes, give a brief description and a list of modules currently operational (maximum 500 words) | currently operational (maximum 500 words) Web and internet management - done for transmission of all relevant information to the stake holders. This implicates a multiplicity of things: the admission process, important notifications in respect of important events, such as Seminar, Science congress, Youth parliament, publication of results, public occasions such as Samptriti Saptaha Celebration Commemorating the 125th year of Chicago Speech by Swami Vivekananda in addition to some of the more important administrative and academic activities. Financial management of the Institution is fully done by the Department of Higher Education Govt. of West Bengal through its eportal WBIFMS, the Integrated Financial Management System of Govt. of West Bengal. Each employ has a unique login id through which he/she can get limited access to the portal and see his personal credentials such a pay slip, GPF, leave application etc. |

## 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 seeks consistently to maintain the class-credit correspondence (the earlier 45-minute classes being changed into 60-minute classes so as to make up the hour-credit equation) so essential to the CBCS system, the sole problems at times being faced because of two things: i) time crunch at the time of general Elections and ii) the Departments getting understaffed on account of routine transfer. Documents are systematically maintained, in the form of, say, class records, tests records, attendance records.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

| Certificate | Diploma Courses | Dates of | Duration | Focus on employ | Skill |
|-------------|-----------------|----------|----------|-----------------|-------|
|-------------|-----------------|----------|----------|-----------------|-------|

|    |    |              |   |                          |             |
|----|----|--------------|---|--------------------------|-------------|
|    |    | Introduction |   | ability/entrepreneurship | Development |
| NA | NA | Nil          | 0 | Nil                      | Nil         |

## 1.2 – Academic Flexibility

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

| Programme/Course  | Programme Specialization | Dates of Introduction |
|-------------------|--------------------------|-----------------------|
| MA                | Education                | 01/08/2019            |
| MSc               | Botany                   | 01/08/2019            |
| MSc               | Anthropology             | 01/08/2019            |
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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 |
|----------------------------------|--------------------------|---|
| Nil                              | NA                       | Nil   |

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

|                    | Certificate | Diploma Course |
|--------------------|-------------|----------------|
| Number of Students | Nil         | Nil            |

## 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 |
|---------------------|----------------------|-----------------------------|
| NIL                 | Nil                  | Nil                         |
| No file uploaded.   |                      |                             |

### 1.3.2 – Field Projects / Internships undertaken during the year

| Project/Programme Title | Programme Specialization  | No. of students enrolled for Field Projects / Internships |
|-------------------------|---|---|
| BSc                     | Social Anthropological Fieldwork of B.Sc. Part-III Honours Course conducted by Department of Anthropology | 19  |
| MSc                     | Social Anthropological Fieldwork of M.Sc.Semester-I Course conducted by Department of Anthropology        | 14  |
| BSc                     | Field visit to AJCBIBG, Central National Herbarium, Howrah, West Bengal conducted by Department of Botany | 25  |
| BSc                     | Third Year Hons. Students (Old Regulation) conducted by Department of Economics                           | 16  |

|                           |  |    |
|---------------------------|--|----|
| BA                        | A visit to Asiatic Society, Kolkata (educational tour) conducted by Department of Education  | 37 |
| BA                        | A visit to Kolkata Book Fair (educational tour) conducted by Department of Education   | 19 |
| BSc                       | "Socio-economic Survey of Jayanti Forest Village, 2019" under supervision of Harekrishna Datta and Dr. Somdatta Das, Department of Geography | 22 |
| MSc                       | Summer Internship of M.Sc. Students conducted by Department of Microbiology  | 11 |
| BSc                       | Field Excursion to Neora Valley National Park, Gorumara National Park and adjoining areas by Department of Zoology                           | 21 |
| MSc                       | Field excursion to Kanha National Park and adjoining areas by Department of Zoology  | 29 |
| <a href="#">View File</a> |  |    |

#### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

|           |     |
|-----------|-----|
| Students  | Yes |
| Teachers  | No  |
| Employers | No  |
| Alumni    | No  |
| 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>A mechanism of quantification based on the analysis of student feedback is adopted, using parameters related to a variety of items like the Course, the respective UG, PG Departments in general and the Teachers in particular. In quest of some sort of objectivity, only the outgoing 3rd year students of each UG Department and 2nd year students of each PG Department are called upon to respond to the questionnaire. After analyzing the data, necessary measures are taken after some necessary decisions taken at a close-door meeting with the Principal. Departments also organize parent-teacher meeting where teachers give their feedback to the parents about their wards and the facilities that are enjoyed by the students in the college and the parents give their opinions</p> |

about, and observations on, the respective Departments in particular and the College in general. Steps are taken accordingly.

## 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 |
|-----------------------|--------------------------|---------------------------|--------------------------------|-------------------|
| BA                    | BA + BSc                 | 690                       | 5099                           | 339               |
| MA                    | MA + MSc                 | 129                       | 690                            | 84                |

[View File](#)

### 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 | 905   | 121   | 48  | Nil   | 47   |

### 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 |
|----------------------------|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 95                         | 82  | 39                                | 12                               | Nil                        | Nil                             |

[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)

Mentoring of the students are done through the following methods: 1. Students are helped academically as well as emotionally to sort out their general or individual problems relating to academic matters or personal matters. 2. Students are guided regarding their studies, syllabus framework, examination pattern with academic advices, books from seminar libraries and special assistance in terms of tutorials to the weaker students. 3. Career counseling is done regarding the job prospects of the respective subjects and students are being encouraged to take part in different competitions, seminars and workshops. 4. Problem solving aptitude of the students are encouraged through engaging them in project works. 5. Students are also inspired to participate in various extracurricular activities, to publish creative writing, to act as NSS volunteers. 6. Brighter students are encouraged with reinforcements in the form of prizes for academic excellence. 7. Post-Graduate students are guided for different competitive exams and entrance tests to different higher education institutions. 8. Students facing emotional disturbances or undergoing trauma are helped with psychological counseling and if required, being sent to the counseling cell of the college. 9. Financial assistance are provided to students facing economic crisis. 10. In pandemic situation students are being supported academically through online studies and providing study materials in the form of e-books, journals, research papers, PDF files, Powerpoint presentations and videos from Youtube as well as they are being encouraged through online communication to overcome the social trauma.

|  |                             |                       |
|--|-----------------------------|-----------------------|
| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|



1026

95

1:11

**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 |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 108                         | 95                      | 13               | 4  | 59                       |

**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   |
|---------------|---|---------------------|--|
| 2019          | Mr. Suman Bej,<br>National Level Seminar  | Assistant Professor | 2nd best poster award in NAAC sponsored National Seminar on "Quality Enhancement of Student centric Teaching Learning and Evaluation Process" held on 14th -15th November, 2019, organized by Internal Quality Assurance Cell (IQAC) Bidhannagar College |
| 2019          | Rituparna Khan,<br>International Level  | Assistant Professor | Best Oral Presentation Award, St. Xavier's College, Ranchi   |
| 2019          | Shewli Shabnam,<br>National Level   | Assistant Professor | Won the 2nd round of the Data-Q-Thon organized by the National Data Quality Forum for the topic: "Assessment of NSSO data on Morbidity: Is Incidence appropriate for estimation of burden on disease."   |
| 2019          | Soumyadeep Das,<br>National Level   | Assistant Professor | Bose-Nandi Award (First prize) of Calcutta Statistical Association   |
| 2020          | Dr. Sandip Misra,<br>National Level Seminar   | Assistant Professor | 3rd prize in poster presentation in UGC-SAP (DRSII) sponsored National   |

|                   |  |                     |  |
|-------------------|--|---------------------|--|
|                   |  |                     | Conference on SRD at Department of Biochemistry and Biophysics, University of Kalyani, 6th and 7th March, 2020.  |
| 2020              | Sourav Pakrashi, National Level seminar    | Assistant Professor | 1st prize in poster presentation in 'National Seminar on 'Diversity in the era of Globalization Challenges and Management' organized by Bidhannagar College, Government of West Bengal sponsored by Department of Higher Education, Government of West Ben |
| 2020              | Sudipta Chakraborty National Level Seminar | Assistant Professor | 3rd prize in 'National Seminar on 'Diversity in the era of Globalization Challenges and Management' organized by Bidhannagar College, Government of West Bengal sponsored by Department of Higher Education, Government of West Bengal and Department of S |
| 2019              | Subhadipa Sengupta, National Level         | Assistant Professor | 1st Prize in oral presentation   |
| 2020              | Subhadipa Sengupta, National Level         | Assistant Professor | !st Prize in Poster presentation   |
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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- | Date of declaration of results of semester- |
|----------------|----------------|----------------|---|---|
|                |                |                |   |   |

|                   |              |             |                 |                            |
|-------------------|--------------|-------------|-----------------|----------------------------|
|                   |              |             | end examination | end/ year- end examination |
| MSc               | CHEMISTRY    | SEMESTER-IV | 15/10/2020      | 20/10/2020                 |
| MSc               | MICROBIOLOGY | SEMESTER-IV | 15/10/2020      | 27/10/2020                 |
| MSc               | ZOOLOGY      | SEMESTER-IV | 15/10/2020      | 21/10/2020                 |
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#### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Several reforms have been initiated by different departments of the college for Continuous Internal Evaluation: 1. Post-Graduate courses have been introduced in Education, Botany and Anthropology for providing scope of higher studies to the students of the institution and from outside. 2. Students are being assessed continuously through surprise tests, home assignments on theory and practical topics, peer teaching, projects, MCQ tests and viva. 3. To imbibe confidence in the students and for better understanding of the curriculum students are encouraged to participate in students' seminar. 4. Students are allowed to nurture their subjects through publication of departmental wall magazines, maintenance of museum, herbarium and developing projects through laboratory works. 5. In the pandemic situation online studies include some novel reforms such as teaching through Powerpoint presentation, virtual practical classes through Youtube and continuous evaluation through Google forms.

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

The affiliating university assumes sole responsibility of preparing the academic calendar which among other things includes the end-semester examination schedule. The College too prepares a calendar in keeping with the one provided by the university, so as to hold multiple curricular and co-curricular activities within a session. Solely academic activity considered, the College works largely within the framework given, holding importantly all examinations for internal assessment, and covering more than 33 of the total evaluation designed for a whole semester.

<https://www.bidhannagarcollege.org/uploads/academics20calendar202019-20.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)

<https://bidhannagarcollege.org/uploads/mygallery1630254890Learning%20Outcome.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 |
|------------------------------------|----------------|---|---|---|-----------------|
| BNGA, EDCA, ENGA, HISA, PHIA, PLSA | BA             | Bengali, Education, English, History, Philosophy, Political Science | 59  | 59  | 100             |

|  |     |   |     |     |     |
|--|-----|---|-----|-----|-----|
| ANTA,<br>BOTA, CEMA,<br>ECO, GEOA,<br>MTMAMCBA,<br>PHSA, STSA,<br>ZOOA | BSc | Anthropology,<br>Botany,<br>Chemistry,<br>Economics,<br>Geography,<br>Mathematics,<br>Microbiology,<br>Physics,<br>Statistics,<br>Zoology | 133 | 133 | 100 |
| Nil  | MSc | Chemistry,<br>Microbiology,<br>Zoology  | 56  | 56  | 100 |
| No file uploaded.  |     |   |     |     |     |

## 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)

[https://bidhannagarcollege.org/uploads/mygallery1630271358UG%20Feedback%20Analysis%20Report\\_2019-2020.pdf](https://bidhannagarcollege.org/uploads/mygallery1630271358UG%20Feedback%20Analysis%20Report_2019-2020.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     | SERB-DST                   | 13.47                  | 5.45                            |
| Major Projects        | 1095     | WBDSTBT                    | 16.64                  | 8.18                            |
| Major Projects        | 1095     | UGC-DAE-CSR                | 6.7                    | 2.53                            |
| Major Projects        | 1095     | WBDSTBT                    | 2.4                    | 0.9                             |
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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 |
|---------------------------|-------------------|------|
| NIL                       |                   |      |

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 |
|-------------------------|-----------------|-----------------|---------------|----------|
| NIL                     | Nil             | Nil             | Nil           | Nil      |
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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 |
|-------------------|------|--------------|----------------------|--------------------|----------------------|
|-------------------|------|--------------|----------------------|--------------------|----------------------|

|                   |     |     |     |     |     |
|-------------------|-----|-----|-----|-----|-----|
| NIL               | Nil | Nil | Nil | Nil | Nil |
| No file uploaded. |     |     |     |     |     |

### 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 |
|------------------------|-------------------------|
| NIL                    | Nil                     |

#### 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          | Anthropology | 1                     | 0                              |
| International     | Anthropology | 1                     | 0                              |
| International     | Bengali      | 5                     | 0                              |
| International     | Chemistry    | 9                     | 1.41                           |
| International     | Mathematics  | 3                     | 2.07                           |
| International     | Microbiology | 3                     | 3.74                           |
| International     | Physics      | 1                     | 0                              |
| International     | Statistics   | 5                     | 1.63                           |
| International     | Zoology      | 1                     | 0.39                           |
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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 |
|-------------------|-----------------------|
| Zoology           | 1                     |
| Chemistry         | 1                     |
| Economics         | 2                     |
| History           | 1                     |
| Philosophy        | 1                     |
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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 |
|------------------------------------|----------------|------------------|---------------------|----------------|---|---|
| No Data Entered/Not Applicable !!! |                |                  |                     |                |   |   |
| <a href="#">View File</a>          |                |                  |                     |                |   |   |

#### 3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

| Title of the | Name of | Title of journal | Year of | h-index | Number of | Institutional |
|--------------|---------|------------------|---------|---------|-----------|---------------|
|--------------|---------|------------------|---------|---------|-----------|---------------|

| Paper                                     | Author |  | publication |  | citations excluding self citation | affiliation as mentioned in the publication |
|---|--------|--|-------------|--|-----------------------------------|---|
| <b>No Data Entered/Not Applicable !!!</b> |        |  |             |  |                                   |   |
| <a href="#">View File</a>                 |        |  |             |  |                                   |   |

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

| Number of Faculty           | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 25            | 78       | 5     | 16    |
| Presented papers            | 10            | 15       | Nil   | Nil   |
| Resource persons            | 5             | 3        | 2     | 1     |
| No file uploaded.           |               |          |       |       |

### 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 |
|--|--|--|--|
| One-Day Seminar on Cryo- electron Microscopy for Structure Determination of Biomolecules | INSA, Kolkata Chapter and IQAC, Bidhannagar College  | 3  | 30   |
| Blood Donation Camp  | NSS and Bidhannagar College Alumni Association   | 4  | 27   |
| Awareness programme on Corona Virus  | National Service Scheme, WBSU, Bidhannagar College Unit in collaboration with Central Calcutta Society for Advancement of Human Development and research | 3  | 25   |
| One Day Visit to Kolkata International Poultry Fair, 2020                                | West Bengal Poultry Federation   | 4  | 65   |
| Two day symposium on 'Therapeutic Targets for Neurodegenerative Disorders'               | NIPER and Department of Zoology, Bidhannagar College   | 8  | 35   |
| Two day national Seminar on  | Jointly organized by Dept. of  | 30   | 200  |

|  |  |  |  |
|--|--|--|--|
| 'Diversity in the Era of Globalization: Challenges and Management' | Anthropology, Botany, Microbiology and Zoology, Bidhannagar College, funded by Dept. of Higher Education, Govt. of West Bengal |  |  |
|--|--|--|--|

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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 |
|----------------------|-------------------|-----------------|------------------------------|
| NIL                  | Nil               | Nil             | Nil                          |

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 |
|---|---|---|--|--|
| 71st Anniversary of Universal Declaration of Human Rights on 10th December 2019 | West Bengal Human Rights Commission   | Human Rights Day celebration  | 1  | 5  |
| Observance of Vigilance Awareness Week 2019                                     | Garden Reach Ship Builders and Engineer's Limited (Government of India Undertaking) | An essay competition among the students of Bidhannagar College on "Integrity-A way of life" | 2  | 12   |
| Aids Awareness programme  | Department of Education and NSS   | Aids Awareness  | 3  | 19   |

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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           | Dr. Kiranmoy Chatterjee, Dept. of Statistics, Bidhannagar College & Dr. Prajamitra Bhuyan, Department of Mathematics, Imperial College, | Partially support: Core Research Grant, SERB-DST received by Dr. Kiranmoy Chatterjee | 365      |

|                   |   |     |     |
|-------------------|---|-----|-----|
|                   | London, UK  |     |     |
| Research          | Dr. Kiranmoy Chatterjee, Dept. of Statistics, Bidhannagar College & Dr. Krishna Ray, Department of Botany, West Bengal State University, Barasat, India | NIL | 276 |
| No file uploaded. |   |     |     |

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 |
|-------------------|----------------------|---|---------------|-------------|-------------|
| NIL               | Nil                  | Nil   | Nil           | Nil         | 2           |
| 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 |
|-------------------|--------------------|--------------------|---|
| NIL               | Nil                | Nil                | Nil   |
| 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 |
|--|--|
| 55.61  | 55.61  |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities                     | Existing or Newly Added |
|--------------------------------|-------------------------|
| Classrooms with LCD facilities | 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 partially) | Version  | Year of automation |
|---------------------------|---|----------|--------------------|
| KOHA                      | Partially                                 | 3.14.000 | 2016               |

4.2.2 – Library Services

| Library | Existing | Newly Added | Total |
|---------|----------|-------------|-------|
|         |          |             |       |



|                           |     |     |     |     |     |     |
|---------------------------|-----|-----|-----|-----|-----|-----|
| Service Type              |     |     |     |     |     |     |
| Text Books                | Nil | Nil | Nil | Nil | Nil | Nil |
| <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 |
|---------------------|--------------------|---------------------------------------|-----------------------------|
| 0                   | 0                  | 0                                     | Nil                         |
| 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 | 103             | 4            | 40       | 0                | 0                | 10     | 85          | 40                              | 8      |
| Added    | 0               | 0            | 0        | 0                | 0                | 0      | 0           | 0                               | 0      |
| Total    | 103             | 4            | 40       | 0                | 0                | 10     | 85          | 40                              | 8      |

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

|               |
|---------------|
| 40 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 |
|--|--|
| 0  | Nil  |

#### 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 |
|--|--|--|--|
| 0                                      | 0  | 0                                      | 0  |

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)

|  |
|--|
| <p>Being a Govt. establishment, all financial needs as support system are fulfilled by the Govt. of West Bengal under different heads as well as by the different funding bodies like DST, RUSA, UGC, all intermittently as and when applied for.</p> <p><a href="https://www.bidhannagarcollege.org/">https://www.bidhannagarcollege.org/</a></p> |
|--|

#### 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   | NIL                      | 0                  | 0                |
| Financial Support from Other Sources |                          |                    |                  |
| a) National                          | Nil                      | Nil                | Nil              |
| b) International                     | Nil                      | Nil                | Nil              |
| <a href="#">View File</a>            |                          |                    |                  |

## 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 implementation | Number of students enrolled | Agencies involved |
|--|------------------------|-----------------------------|-------------------|
| Computer training on level 'O' (diploma) and 'CCC' (certificate) | 01/07/2019             | 8                           | NIELIT            |
| No file uploaded.  |                        |                             |                   |

## 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 |
|------|---|--|--|--|---------------------------|
| 2020 | Career Counselling Seminar by Techno India University, Saltlake, Kolkata                                | Nil  | 84   | Nil  | Nil                       |
| 2020 | New Career Avenue in Software and Cloud Computing by IIHT, Ultadanga                                    | Nil  | 80   | Nil  | Nil                       |
| 2020 | Career Prospective in Pharmaceutical Industries by Carreograph Institute of Management Studies, Kolkata | Nil  | 83   | Nil  | Nil                       |

[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 |
|---------------------------|--------------------------------|---|
| Nill                      | Nill                           | Nill  |

## 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 |
| NIL                           | Nill                            | Nill                      | Nill                          | Nill                            | Nill                      |
| No file uploaded.             |                                 |                           |                               |                                 |                           |

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 |
|------|--|--------------------------|---|---|-------------------------------|
| 2020 | 69   | BSc WBSU                 | Anthropology<br>Chemistry<br>Economics<br>Mathematics<br>Microbiology<br>Physics<br>Statistics<br>Botany<br>Zoology | CU, Punjab Univ.,<br>Puducherry Univ., NEHU,<br>BNC,<br>C.U., WBSU,<br>Gokhel Institute of politics and Economics,<br>Madras School of Economics,<br>Central Univ.,<br>Kerala, JU,<br>Motijhil College,<br>JIS- Kolkata | MSc                           |
| 2020 | 20   | BA, WBSU                 | Education<br>Geography<br>History   | Bidhannagar College,<br>NSOU,<br>WBUTTEPA,<br>RDM,<br>Ramkrishna Mission,<br>Ranchi WBSU,<br>CU,<br>Vivekananda College,<br>W.B.,   | MA                            |

[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 |
|-----------|---|
| NET       | 8                                       |
| SET       | 3                                       |
| SLET      | Nil                                     |
| GATE      | 5                                       |
| GMAT      | Nil                                     |
| Any Other | 3                                       |

[View File](#)

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

| Activity     | Level       | Number of Participants |
|--------------|-------------|------------------------|
| Football     | Institution | 78                     |
| Cricket      | Institution | 70                     |
| Kabbadi      | University  | 9                      |
| Football     | University  | 14                     |
| Cricket      | University  | 14                     |
| Chess        | University  | 4                      |
| Table Tennis | University  | 4                      |
| Badminton    | University  | 5                      |
| Swimming     | University  | 2                      |

[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 |
|------|-------------------------|------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| 2019 | gold                    | National               | 1                           | Nil                           | 19525             | Soumayajit Mondal   |
| 2019 | silver                  | National               | 1                           | Nil                           | 19525             | Soumayajit Mondal   |

No file uploaded.

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

Members of the Students' Counsel are severally incorporated in different

administrative and academic committees/bodies like the Governing Body, the IQAC, the Anti-ragging Cell, the Sports Committee. They actively participate in the process of decision-making and put up suggestions for development. It so happens sometimes that their suggestions appear to be significant enough for onward transmission to the higher authorities for special consideration e.g. Girls' Hostel and Boys', scope for more flexible choices and change of course content under CBCS system. They also hold different cultural programmes with the involvement of a considerable number of teachers and staff alike.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Bidhannagar College Alumni Association, registered on 15th June 2016 under the certificate of Registration of Societies West Bengal Act XXVI of 1961, bears the No is S/2L/No.57274 of 2016-2017. The registered office of the Association is at EB-2, Sector-I, Salt Lake, North 24 Parganas, Kolkata 700064, West Bengal. The main aim and objectives of the Association are multiple and changeable from time to time. On the whole, it is integral to both the academic and administrative structuring of events that define the College. Sometimes at their own cost, they organise seminars on current and environmental issues, involving the present students and the teachers alike hold blood donation camps with a bid to encourage an essential sense of social responsibility plant trees, distribute plants among students, donate books to the library. The list could go on, since they, like we do too, think things out to involve and get involved in the process of socialisation which is so essential a component of modern education.

5.4.2 – No. of enrolled Alumni:

159

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

85000

5.4.4 – Meetings/activities organized by Alumni Association :

1. Blood donation camp 2. Books donation to library 3. Seminar on Environmental Issues by Chairman of West Bengal Pollution control board 4. Contribution in Prize giving ceremony 5. Annual Reunion

#### 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 management is supported by a number of sub-committees formed by the Teachers' Council and the IQAC. They work in coordination with the Principal. Any specific work like admission as to the UG Courses is undertaken officially by the relevant Committee. The work over, they submit a report to the Principal, containing all relevant pieces of information like difficulties faced, if any, and suggestions for the better. The report is taken into consideration in the TC Meeting, so that all of the academic staff are aware of the issues involved and get ready to assume any responsibility in the future.

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     | <p>The College for its UG Courses has little to do with Curriculum Development, the University being at the helm of such matters. Some of the senior teachers however act as members of the relevant Board of Studies, which is assigned the task of Curriculum Development. The Departments with PG Courses of course take the responsibility of Curriculum Development all by themselves through the ECs composed of internal and external members.</p>   |
| Teaching and Learning      | <p>The learners are at the centre of the entire process the teachers come in as quite secondary in the process of education. To make the learners interested really in what they need to learn, the teachers make Power Point Presentations, whenever they find it useful they make use of audio-visual aids hold seminars in which the learners alone participate with the teachers around to help and encourage but never in any way interfere with the process of learning.</p>  |
| Examination and Evaluation | <p>Examinations are held at the end of every academic session by the University/ College which the learners must of necessity get through. To help them get ready for such final examinations, the Departments hold periodic tests - routine tests as well as surprise ones. The design is never to generate score sheets but to evaluate their academic strata and set them on the path of improvement.</p>  |
| Research and Development   | <p>Under the directive of the authority the Research and Development Committee inform the teachers of the various Research Schemes and Fellowships and encourages them to apply for the same. The relevant committee looks into any project, if submitted, and approves it for onward transmission and approval. The institutional support is provided to enable implementation of research schemes in the following ways: 1. Three Laboratories have been set up for research activities, dedication to multidisciplinary research being the sole motto. 2. Full autonomy is given to the Principal Investigator for smooth conduct of the research project.</p> |

|  |  |
|--|--|
|  | 3. Funds sanctioned by the different agencies are released without delay as and when required by the researcher.   |
| Library, ICT and Physical Infrastructure / Instrumentation | Digitization being done of library books with OPAC data management system using KOHA software for the easy accessibility of library books by the students and the staff. ? INFLIBNET software being continued. ? Computer literacy training programme for the students and staff undertaken by NIELIT. ? College website www.bidhannagarcollege.org regularly maintained so as to keep all concerned updated through the relevant notices.   |
| Human Resource Management                                  | ? Regular academic duties apart, the members of the faculty are also assigned administrative works within the limits of the sub-committees. ? Attendance records of the teaching and the non-teaching staff are properly maintained ? Parent-teacher meetings are held by the Departments intermittently in keeping with the need for remedial measures. ? Feedback analysis is made. ? Exposure to cultural variety is offered through organization of cultural programmes and college fests.   |
| Industry Interaction / Collaboration                       | Yet to be done.  |
| Admission of Students                                      | Merit-based admission to the UG courses is done online, the merit being quantified through the score of the last relevant Examination taken by the applicants. Admission to PG Courses in Microbiology, Zoology and Chemistry is merit-based too, but the merit is deciphered by two things: i) score of the last Examination taken by the applicants and ii) an Admission Test held at this college. The reason of this method is the relatively large number of applicants against a limited number of seats. The whole process is e-governed, system administered with zero manual interference, guaranteeing transparency and an error-free process. |

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

| E-governance area        | Details  |
|--------------------------|--|
| Planning and Development | Yet to be done.  |
| Administration           | Most of the administrative works are being done by using computers and internet the software-based system is partially introduced for better |

|                               |   |
|-------------------------------|---|
|                               | administrative cohesion and effectiveness. A fully developed system is yet to be introduced.  |
| Finance and Accounts          | WBIFMS is the integrated financial management system enabling all transactions done fully online. Major finance-involved activities are undertaken through online processes like e-tender, fees-deposit, on line credit system.   |
| Student Admission and Support | Admission process has been rendered fully online. The merit lists are displayed in the College web site regularly. There being no need of the applicants physically approaching the College for the admission process. Only credentials are physically verified at the time of commencement of classes. |
| Examination                   | The notification regarding schedule of examinations are displayed in the College web site. All the results for internal evaluation of UG examinations are sent online to West Bengal State University through their portal accessible by membership code.   |

### 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 |
|-------------------|-----------------|--|--|-------------------|
| Nill              | Nill            | NIL  | Nill   | Nill              |
| No file uploaded. |                 |  |  |                   |

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) |
|-------------------|--|---|-----------|---------|---|---|
| Nill              | NIL  | Nill  | Nill      | Nill    | Nill                                    | Nill  |
| No file uploaded. |  |   |           |         |   |   |

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 |
|---|---------------------------------|-----------|---------|----------|
|   |                                 |           |         |          |



|  |   |            |            |     |
|--|---|------------|------------|-----|
| International Online Faculty Enrichment Programme "Tips Tricks for Publishing in International Scientific Journals"    | 1 | 20/06/2020 | 20/06/2020 | 1   |
| UGC sponsored Interdisciplinary Refresher Course in Chemical Sciences, Engg. Technology, Calcutta University           | 2 | 26/08/2019 | 09/09/2019 | 14  |
| UGC sponsored Interdisciplinary Refresher Course in Instrumentation and Automation, Jadavpur University                | 2 | 09/12/2019 | 21/12/2019 | 14  |
| Refresher Course in Recent Advancement in Biological Sciences conducted by UGC HRDC, Burdwan University                | 2 | 16/08/2019 | 29/08/2019 | 14  |
| STC on Gender sensitization and Empowerment conducted by UGC HRDC, Calcutta University                                 | 1 | 05/11/2019 | 11/11/2019 | 7   |
| Workshop on MOOCs, e-Content Development and Open Educational resources conducted by UGC HRDC, North Bengal University | 1 | 04/02/2020 | 10/02/2020 | 7   |
| Online FDP by  | 2 | 31/10/2019 | 16/02/2020 | 109 |

|  |   |            |            |    |
|--|---|------------|------------|----|
| AICTE (Swayam)<br>(Introduction<br>To Quantum<br>Physics and Its<br>Applications   |   |            |            |    |
| Refresher<br>Course in<br>Recent<br>Advancements in<br>Physical,<br>Chemical and<br>Mathematical<br>Sciences,<br>Burdwan<br>University | 1 | 12/02/2020 | 25/02/2020 | 14 |
| UGC sponsored<br>Interdisciplina<br>ry Refresher<br>Course in Life<br>Sciences at UGC-<br>HRDC,<br>University of<br>Calcutta           | 1 | 04/01/2020 | 17/12/2020 | 14 |
| <a href="#">View File</a>  |   |            |            |    |

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

| Teaching  |           | Non-teaching |           |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent    | Full Time |
| Nil       | Nil       | Nil          | Nil       |

6.3.5 – Welfare schemes for

| Teaching                                       | Non-teaching                                   | Students  |
|--|--|---|
| W.B. Health Scheme,<br>Leave Travel Concession | W.B. Health Scheme,<br>Leave Travel Concession | Various scholarships,<br>Student Health Home,<br>sponsored by Govt. of<br>West Bengal |

**6.4 – Financial Management and Resource Mobilization**

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

|   |
|---|
| Internal audits are done prior to the statutory audit undertaken by the AG Bengal, done after every three years covering all three years together - a system which is entirely that of the Government, be it the State Government or the Central. |
|---|

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<br>funding agencies /individuals | Funds/ Grnats received in Rs. | Purpose   |
|---|-------------------------------|---|
| Bishnupada Das<br>Endowment Fund                            | 50000                         | 1. To facilitate the<br>highest scores in UG in<br>History 2. An annual<br>memorial lecture on the<br>socio-economic problems<br>in West Bengal |

[View File](#)

6.4.3 – Total corpus fund generated

0

## 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       | Nil    | No       | Nil       |
| Administrative | No       | Nil    | No       | Nil       |

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

Not yet done

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

Nil

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

1. Introduction of CBCS system. 2. Construction of Students' Hostel has been under active consideration by the Government of West Bengal 3. Initiative taken towards organisation of library and office to be based on software systems.

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 |
|------|--|-------------------------|---------------|-------------|------------------------|
| 2019 | Environment Management in India, Jointly organised by IQAC and Alumni Association, Bidhannagar College | 22/08/2019              | 22/12/2020    | 22/12/2020  | 70                     |
| 2019 | Quality Enhancement of student Centric Teaching, Learning and Evaluation process, organised by         | 14/11/2019              | 14/11/2019    | 15/11/2019  | 120                    |

|                           |  |            |            |            |     |
|---------------------------|--|------------|------------|------------|-----|
|                           | IQAC,<br>Bidhannagar<br>College  |            |            |            |     |
| 2020                      | One day<br>science<br>awareness<br>outreach<br>program on '<br>Cryo-<br>electron<br>Microscopy',<br>Jointly<br>organised by<br>IQAC,<br>Bidhannagar<br>College and<br>INSA (Indian<br>National<br>Science<br>Academy)<br>Kolkata | 26/02/2020 | 26/02/2020 | 26/02/2020 | 150 |
| <a href="#">View File</a> |  |            |            |            |     |

## 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 |
| Women in STEM<br>-organized by<br>US consulate<br>General kolkata | 16/11/2019  | 24/04/2020 | 4                      | Nil  |

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  |
|--|
| Well maintained greenery, Herbal Garden, seasonal flower garden, all designed, and maintained by a dedicated Mali, to cooperate with Nature. The regularity of its maintenance inculcates environmental consciousness in the staff and the taught alike. The College has set up an alternate energy source in the form of a Solar Energy Plant, which however provides for a little less than one percent of the total energy consumption on an average basis. A unit for rain water harvesting has been set up to meet the need ultimately of distilled water to be used in the laboratory in the future. Initiative has been taken to make the most of it in the near future for two things: i) the project is sure to encourage the students to set up the like of it in their residences ii) It saves us from the unscrupulous abuse of under-ground water resource. |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities     | Yes/No | Number of beneficiaries |
|---------------------|--------|-------------------------|
| Physical facilities | Nil    | Nil                     |
| Provision for lift  | Yes    | 3                       |

|                             |     |     |
|-----------------------------|-----|-----|
| Ramp/Rails                  | Yes | 3   |
| Braille Software/facilities | No  | Nil |
| Rest Rooms                  | No  | Nil |
| Scribes for examination     | No  | Nil |

#### 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 |
|-------------------|--|--|------|----------|--------------------|------------------|--|
| Nil               | Nil  | Nil  | Nil  | Nil      | NIL                | Nil              | Nil  |
| 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) |
|-------|---------------------|--------------------------|
| NIL   | Nil                 | Nil                      |

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity          | Duration From | Duration To | Number of participants |
|-------------------|---------------|-------------|------------------------|
| NIL               | Nil           | Nil         | Nil                    |
| No file uploaded. |               |             |                        |

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

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| 1. Maintenance of greenery and floriculture 2. Plantation in the campus in general and in the Herbal Garden in particular 3. Management of wastes-excretion from, say, Chemistry, Zoology and Microbiology 4. Rain-water harvesting 5. Initiatives taken to enhance the capacity of Solar Energy Plant |
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## 7.2 – Best Practices

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

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| <p>1. Title of the Practice (2019-20) Health awareness programme 2. Goal: Health is an asset that helps us to maintain the balance between the life and sound mind. It's the true elixir for a happy life as it leads to a calm and composed mind to be well-being. Awareness plays a key role in our approach to improve the access of healthcare measure. Different initiatives were carried out through the year to develop awareness in various issues in context of clinical problems among students especially on health and hygiene and which generates the awareness among the students how to control and prevent those undesirable events. 3. The Context: Health is the biggest wealth. It helps us to enjoy all the little things in life. If one is not healthy, they fail to feel happy. Being unhappy can impact the health of people around us too. The college aims at the development of proper awareness of health and medicinal issues amongst its students to create a bright and healthy future for themselves and for their surroundings. Given their young and unripe years, the students are prone to numerous ill practices, which in turn, might be aggravated by the lack of proper guidance or misconceptions. Different awareness programme of this sort might help them to stay safe and maintain a healthy life 4. The Practice: i) AIDS AWARENESS PROGRAMME In order to mark World AIDS Day (1st December), the</p> |
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NSS Unit of Bidhannagar College, in collaboration with the Education Department of our college, arranged an awareness programme on AIDS on 27.11.2019. AIDS is surrounded by misinformed taboos in our society. In order to carry out effective prevention measures and treatment for the infected, it is important to create awareness amongst people. Keeping that in mind, we invited Srimati Sumita Samanta, Deputy Director, Information Education Communication and Mainstreaming, West Bengal State Aids Prevention and Control Society (WBSAPCS) and Sri Jagadish Jana, Assistant Director, WBSAPCS. ii) MOTIVATIONAL LECTURE ON BLOOD DONATION A motivational lecture was organised jointly by the NSS unit and the Alumni Association of Bidhannagar College on 26th August, 2019. It is a conventional way of orienting students, the prospective donors, before organising a blood-donation camp. This year, we were privileged to have as the speaker Dr. Suchitra Ghosh, ex-reader in the Department of Zoology, Bangabasi College. Besides being an eminent ornithologist, she has been actively involved in blood donation related activities all around the state. iii) BLOOD DONATION CAMP A Blood donation camp was organised jointly by the NSS Unit and the Alumni Association of Bidhannagar College on 27th August, 2019. It is a regular event in our NSS calendar and is also much anticipated. There is considerable interest and enthusiasm amongst the students regarding this programme. The programme was graced by the presence of Dr. Suchitra Ghosh, ex-reader in the department of Zoology, Bangabasi College and Dr. Madhumita Manna, Principal, Bidhannagar College. Only the day before, she had motivated the students of our college to actively take part in this endeavor.

5. Evidence of Success: Bidhannagar College NSS unit has a vision and strong commitment towards the service of the society. The said unit is always involved with the activities related to health awareness programmes on different issues on societal life among students. Various awareness programmes were conducted frequently on general health and hygiene, etc. a) In AIDS awareness programme, Srimati Sumita Samanta and Sri Jagadish Jana with their thorough and lucid explanation of the fundamental aspects of the disease, kept the students captivated. Sri Jana, in particular, touched a chord by sharing his own personal experiences and his first-hand encounter with the disease. He vividly explained the need for social acceptance and the removal of the stigma for better handling of the disease. The programme was rounded off by a vote of thanks from Dr. Shoumyasree Sen, Head and Associate Professor, Department of Education, Bidhannagar College. b) During motivational lecture on blood donation Dr. Suchitra Ghosh addressed 86 students of the college on the necessity and significance of blood and blood donation. Her everyday classroom-based approach with the use of blackboard was very convenient for the students and created a favourable response. c) This year's Blood donation Camp ran till 4 pm, starting at 11am in the morning. In the presence of a 5 member's medical team, 79 students donated blood. Some teachers and members of non-teaching staff also contributed to this noble enterprise. The participation of 26 NSS volunteers, 8 alumni members, 22 teachers and 7 staff members of the principal's office ensured the smooth running of the entire programme. A few minor cases of post-donation illness and nausea were immediately addressed by the medical experts present at the site.

6. Problems Encountered and Resources Required: More participation of students required to achieve the goal. 1. Title of the Practice (2019-20) Enrichment Programme on Environmental and Cultural Perception 2. Goal: Environmental and cultural perceptions impart knowledge about the current situation and future prospects of nature. It teaches people to explore all the problems related to environment, and engage in wise ways of preserving it. Environmental awareness programme to educate people with a notion "GO GREEN." In this modern era, people are educated, but they are unaware regarding the destruction of mother earth. The objectives of environmental education is to gain awareness, knowledge, attitudes, skills and capacity building: Participation. Cultural awareness helps us break down cultural barriers, build cultural bridges, and learn how to love, and appreciate those different from us. We can relate better

to people with cultural differences as we begin to understand ourselves better. These results in more cultural connection and less cultural conflict. Culture includes what people actually do and what they believe. Culture influences greatly how we see the world, how we try to understand it and how we communicate with each other. Therefore, culture determines, to a great extent, learning and teaching styles.

3. The Context: Similar to the basic essentials of life like food, water, shelter, cleanliness also holds great significance in life. It is, in fact, one of the most important things for healthy living. The first and foremost importance of cleanliness is that it means the absence of disease. Cleanliness helps us stay refreshed and hygienic on a personal level.

4. The Practice: a) Campus Cleaning: A drive was arranged by the N.S.S. unit of Bidhannagar College on the 13th of July, 2019. b) Baishe Shrabon celebration: A cultural programme was organised on 7th August 2019 by the NSS unit of Bidhannagar College in collaboration with the Cultural Committee of the college. It was in observance of the death anniversary of Kabiguru Rabindranath Tagore.

5. Evidence of Success: Bidhannagar College NSS unit has a vision and strong commitment towards the service of the society. The said unit is always involved with the activities related to cleaning of campus and awareness programmes on different issues on societal life among students.

a) College campus cleaning programme: The College campus cleaning programmes were organized at its premises where NSS volunteers (divided into several groups) carried out a massive cleanliness drive. The waste material such as plastic and paper cup, papers, plastic and paper packets were collected from the campus lawn. Sprinkling of bleaching powder along with phenyl was also done over the open drains of the college campus. After the class hours in the first half, 4 students and 8 teachers joined hands to remove weed from the surroundings of the college buildings. Stray trash from the college premises was collected and dumped in the proper place. And finally, bleaching powder was sprinkled at several corners of the campus for disinfecting purposes. Students exhibited enthusiasm and vouched to do this on a regular basis.

b) Baishe Shrabon celebration: As a part of our observance of the day, we garlanded a portrait of Kabiguru Rabindranath Tagore and both the teachers and students took turns in celebrating his works by singing his songs and reciting his poems.

6. Problems Encountered and Resources Required: More participation of students required to achieve the goal.

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

<https://www.bidhannagarcollege.org>

### 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

The common and mandatory activities in terms of academic matters notwithstanding, the College does all it can to encourage the teacher-taught bond of affection and respect, which effectively ensures discipline, a moral sense of responsibility, a process of socialisation and almost a guarantee of healthy academic ambiance. All these are in keeping with the mission and the vision of the College. To bring under control anything contrary to the aforesaid values must of necessity be detected on time. The CC-TV surveillance is set to help the administration to detect the disruptive forces, if any, that thwart the substratum of values which the College claims it seeks to instil.

Provide the weblink of the institution

<https://www.bidhannagarcollege.org>

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

. Regular seminar on current and universal issues 2. Programmes on health issues. 3. Renovation and expansion of solar energy plant 4. To set up an emergency relief funds for students and staff of the college. 5. Regularity of Academic audit 6. To take steps toward automation of library 7. To take online student feed-back as well as teachers feedback under integral student management system.