



## Yearly Status Report - 2016-2017

### Part A

#### Data of the Institution

|   |  |                                       |
|---|--|---------------------------------------|
| <b>1. Name of the Institution</b>             |  | ACHARYA JAGADISH CHANDRA BOSE COLLEGE |
| Name of the head of the Institution           |  | Dr. Purna Chandra Maity               |
| Designation                                   |  | Principal                             |
| Does the Institution function from own campus |  | Yes                                   |
| Phone no/Alternate Phone no.                  |  | 03340015413                           |
| Mobile no.                                    |  | 9433628810                            |
| Registered Email                              |  | info@ajcbosecollege.org               |
| Alternate Email                               |  | purnamaityncc@gmail.com               |
| Address                                       |  | 1/1B A J C Bose Road                  |
| City/Town                                     |  | Kolkata                               |
| State/UT                                      |  | West Bengal                           |
| Pincode                                       |  | 700020                                |
| <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. Shampa Khasnobis       |
| Phone no/Alternate Phone no.           | 03340015413                |
| Mobile no.                             | 9830670306                 |
| Registered Email                       | shampa.khasnobis@gmail.com |
| Alternate Email                        | ajcbciqac2@gmail.com       |

### 3. Website Address

|  |   |
|--|---|
| Web-link of the AQAR: (Previous Academic Year)                           | <a href="http://www.ajcboscollege.org/AQAR/AQAR1516.pdf">http://www.ajcboscollege.org/AQAR/AQAR1516.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.ajcboscollege.org/notice/2016/calender-col-1-16.pdf">http://www.ajcboscollege.org/notice/2016/calender-col-1-16.pdf</a> |

### 5. Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | Validity    |             |
|-------|-------|------|-----------------------|-------------|-------------|
|       |       |      |                       | Period From | Period To   |
| 1     | C     | 1.89 | 2009                  | 29-Jan-2009 | 31-Dec-2014 |
| 2     | C     | 1.83 | 2016                  | 05-Nov-2016 | 04-Nov-2021 |

|   |             |
|---|-------------|
| <b>6. Date of Establishment of IQAC</b> | 17-Dec-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 |
| Seminar on Academic and   | 22-Jun-2016     | 33                                    |

|                                    |   |
|------------------------------------|---|
| Administrative Quality Enhancement | 1 |
|------------------------------------|---|

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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 |
|--------------------------------|--------|----------------|-----------------------------|--------|
| Chemistry                      | MRP    | UGC            | 2017<br>2                   | 150000 |
| <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 :**

6

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)**

MOU with George Telegraph

MOU with Hulkadek for E-waste Management

Parent Teacher Meeting

No Files Uploaded !!!

**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  |
|-------------------|---|
| Academic Calender | List of Holiday, College Activities including Exam Schedule |

|                               |  |
|-------------------------------|--|
| Quality Enhancement Programme | Seminar on Academic and Administrative Quality Enhancement by Dr. Tanweer Alam Mazhari |
| Lesson Plan by Teachers       | Students informed about Teaching schedule beforehand                                   |
| College Website Upgraded      | All information to Stakeholders made available online                                  |
| Tutorials & Remedial Class    | Better University result for weaker students   |
| No Files Uploaded !!!         |  |

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

Yes

| Name of Statutory Body | Meeting Date |
|------------------------|--------------|
| IQAC                   | 20-Aug-2019  |

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

Yes

Date of Visit

26-Sep-2016

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2017

Date of Submission

30-Mar-2017

**17. Does the Institution have Management Information System ?**

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

Admission procedure is totally online. Application forms for admission are uploaded on the website. Selection of candidates is done based on the credit scores calculated on the basis of merit, by the respective Departments. Reserved category students are also selected in the same way as per government rules. Student information is available on the website. All relevant information regarding the College notices and announcements are uploaded on the website. Marks obtained by students at all College Examinations are entered into the college website by the teachers. Fees can be paid online/offline in the bank. Students are

notified via text messages about admission and academic issues. Likewise notifications via text messages are also made for staff members. Information is disseminated through college website. The College has an online human resource management system developed indigenously by a Faculty member of the Physics Department. Staff can avail their respective leave record, pay slip and other service related information online. Finance Accounting with bank is conducted online. Ledger records are maintained electronically through Tally. Students evaluate teachers through feedback system and outcomes are evaluated and analyzed.

## 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 has a mechanism for effective, documented curriculum delivery. However, upgradation of the syllabi is done at the University level. At the commencement of each academic year, every teacher provides the students with individual lesson plan with schedule for each course. The teachers try to follow the plan so that the student is able to gauge with clarity, what portion of the curriculum will be delivered within the stipulated time frame. These lesson plans are also preserved each year as documentation. Besides traditional lectures and seminars, infrastructure for the use of ICT in classrooms, like power point presentations, smart boards and audio-visual support are all available to make the delivery of the curriculum interesting for the students. Tutorials are held with mentoring and participative learning encouraged. Internal assessment is done transparently with examined scripts shown to students. Inter-personal skills are enhanced through value education.

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 |
|---|-----------------|-----------------------|----------|--|-------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                 |                       |          |  |                   |

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course                          | Programme Specialization | Dates of Introduction |
|---|--------------------------|-----------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                          |                       |
| No file uploaded.                         |                          |                       |

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 | Programme Specialization | Date of implementation of |
|-----------------------------|--------------------------|---------------------------|
|-----------------------------|--------------------------|---------------------------|

|   |                             |
|---|-----------------------------|
| CBCS                                      | CBCS/Elective Course System |
| <b>No Data Entered/Not Applicable !!!</b> |                             |

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

|                    | Certificate | Diploma Course |
|--------------------|-------------|----------------|
| Number of Students | 0           | 0              |

### 1.3 – Curriculum Enrichment

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

| Value Added Courses                       | Date of Introduction | Number of Students Enrolled |
|---|----------------------|-----------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                      |                             |
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1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization         | No. of students enrolled for Field Projects / Internships |
|-------------------------|----------------------------------|---|
| BSc                     | Biological Science Field Project | 35  |
| BEd                     | Excursion and Field Project      | 50  |
| BSc                     | Environmental Science Field Work | 69  |
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### 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   |
|---|
| Feedback by students of all batches is taken, analyzed and clarified if need be, for quality enhancement in teaching methodology. Observations on general trends are also made. A selfappraisal is prepared by each teacher. Need based intervention by the Principal is made when the Principal meets the teacher concerned behind closed doors and tries to analyse the situation on a one to one basis. Efforts are made to motivate parents to process feedback forms on the College. |

## 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                | English Honours     | 81  | 387 | 91  |
| BA                | Bneglai Honours     | 15  | 46  | 7   |
| BA                | Hindi Honours       | 27  | 123 | 36  |
| BA                | B.A. General        | 158 | 414 | 141 |
| BSc               | Physics Honours     | 61  | 344 | 36  |
| BSc               | Chemistry Honours   | 48  | 263 | 32  |
| BSc               | Mathematics Honours | 81  | 258 | 43  |
| BSc               | B.Sc. General       | 178 | 349 | 75  |
| BCom              | B.Com. Honours      | 319 | 983 | 293 |
| BCom              | B.Com. General      | 238 | 670 | 203 |
| BEd               | Teacher Education   | 50  | 682 | 50  |
| No file uploaded. |                     |     |     |     |

## 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 |
|------|---|---|---|---|--|
| 2016 | 1007  | 0   | 23  | 0   | 0  |

## 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 |
|----------------------------|---|-----------------------------------|----------------------------------|---------------------------|---------------------------------|
| 88                         | 20  | 11                                | 7                                | 1                         | 0                               |
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| No file uploaded.          |   |                                   |                                  |                           |                                 |

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

There is a tutorial system in some departments where teachers act as academic mentors. The teachers also offer counseling to those seeking personal help. Needbased academic mentoring is also show available where teachers help the students by personally dealing with them.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 3417   | 43                          | 0                     |

## 2.4 – Teacher Profile and Quality

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

| No. of sanctioned | No. of filled positions | Vacant positions | Positions filled during | No. of faculty with |
|-------------------|-------------------------|------------------|-------------------------|---------------------|
|-------------------|-------------------------|------------------|-------------------------|---------------------|

|           |    |    |                  |      |
|-----------|----|----|------------------|------|
| positions |    |    | the current year | Ph.D |
| 39        | 23 | 16 | 0                | 18   |

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 |
|---|---|-------------|--|
| <b>No Data Entered/Not Applicable !!!</b> |   |             |  |
| No file uploaded.                         |   |             |  |

## 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 |
|---|----------------|----------------|--|---|
| <b>No Data Entered/Not Applicable !!!</b> |                |                |  |   |
| <a href="#">View File</a>                 |                |                |  |   |

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

Continuous evaluation is carried out throughout the year through regular tests, objective tests, projects, student paper presentations, seminars, etc. Some departments take regular, weekly tutorials. Remedial instruction is given to slow learners and challenged students. Midterm tests and Selection examinations help to prepare the students for University Examinations. Corrected answer scripts are shown to the students for scrutiny. The teachers give suggestions and train the students for better scoring in forthcoming examinations by expressing themselves more appropriately in response to questions. Group assessment is conducted by teachers when students are assigned group presentations on curricular and cocurricular, academic topics. The University enables students to apply for reevaluation of University answer scripts.

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

As an affiliated college, the Calcutta University calendar is adhered to. In addition to this, an Academic College Calendar is prepared by the Academic Sub Committee and IQAC and printed which contains a list of all the interactive and innovative programmes to be conducted by the college, both at the faculty and student level. Detailed schedules with dates are given for MidTerm and Selection Examination. Students prepare for these examinations accordingly. Each member of the staff and student community receive a copy of the college calendar to enable them to plan for activities.

## 2.6 – Student Performance and Learning Outcomes

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

<http://www.ajcbosecollege.org/NA2016>

2.6.2 – Pass percentage of students

| Programme Code | Programme Name | Programme Specialization | Number of students | Number of students passed | Pass Percentage |
|----------------|----------------|--------------------------|--------------------|---------------------------|-----------------|
|----------------|----------------|--------------------------|--------------------|---------------------------|-----------------|



|        |      |                   | appeared in the final year examination | in final year examination |     |
|--------|------|-------------------|--|---------------------------|-----|
| ENGA   | BA   | English Hons      | 10                                     | 10                        | 100 |
| HINA   | BA   | Hindi Hons        | 4                                      | 3                         | 75  |
| BNGA   | BA   | Bengali Hons.     | 2                                      | 2                         | 100 |
| BAGEN  | BA   | B.A. Gen          | 55                                     | 55                        | 100 |
| PHSA   | BSc  | Physics Hons      | 10                                     | 10                        | 100 |
| CEMA   | BSc  | Chemistry Hons.   | 7                                      | 7                         | 100 |
| MTMA   | BSc  | Mathematics Hons. | 9                                      | 9                         | 100 |
| BSCGEN | BSc  | B.Sc. Gen.        | 90                                     | 90                        | 100 |
| BCOMH  | BCom | B.Com. Hons       | 133                                    | 90                        | 68  |
| BCOMG  | BCom | B.Com. Gen        | 203                                    | 203                       | 100 |
| BEDN   | BEEd | B.Ed.             | 50                                     | 50                        | 100 |

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## 2.7 – Student Satisfaction Survey

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

[http://www.ajcbosecollege.org/na\\_sss\\_2016](http://www.ajcbosecollege.org/na_sss_2016)

## 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 |
|-----------------------|----------|----------------------------|------------------------|---------------------------------|
| Minor Projects        | 2        | UGC                        | 280000                 | 150000                          |

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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 |
|---|-------------------|------|
| <b>No Data Entered/Not Applicable !!!</b> |                   |      |

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 |
|---|-----------------|-----------------|---------------|----------|
| <b>No Data Entered/Not Applicable !!!</b> |                 |                 |               |          |
| No file uploaded.                         |                 |                 |               |          |

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 |
|---|------|--------------|----------------------|--------------------|----------------------|
| <b>No Data Entered/Not Applicable !!!</b> |      |              |                      |                    |                      |

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### 3.3 – Research Publications and Awards

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

| State | National | International |
|-------|----------|---------------|
| 0     | 0        | 0             |

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

| Name of the Department | Number of PhD's Awarded |
|------------------------|-------------------------|
| Bengali                | 1                       |

#### 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) |
|------------------------------------|------------|-----------------------|--------------------------------|
| No Data Entered/Not Applicable !!! |            |                       |                                |
| <a href="#">View File</a>          |            |                       |                                |

#### 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 |
|---------------------------|-----------------------|
| Chemistry                 | 4                     |
| Mathematics               | 4                     |
| Zoology                   | 1                     |
| B. Ed.                    | 21                    |
| Hindi                     | 10                    |
| <a href="#">View File</a> |                       |

#### 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 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 |
|------------------------------------|----------------|------------------|---------------------|---------|---|---|
| No Data Entered/Not Applicable !!! |                |                  |                     |         |   |   |
| <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 | 0             | 7        | 0     | 0     |

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/<br>collaborating agency | Number of teachers<br>participated in such<br>activities | Number of students<br>participated in such<br>activities |
|---|---|--|--|
| <b>No Data Entered/Not Applicable !!!</b> |   |  |  |
| <a href="#">View File</a>                 |   |  |  |

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

| Name of the activity                      | Award/Recognition | Awarding Bodies | Number of students<br>Benefited |
|---|-------------------|-----------------|---------------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                   |                 |                                 |
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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/Agen<br>cy/collaborating<br>agency | Name of the activity | Number of teachers<br>participated in such<br>activites | Number of students<br>participated in such<br>activites |
|---|--|----------------------|---|---|
| <b>No Data Entered/Not Applicable !!!</b> |  |                      |   |   |
| <a href="#">View File</a>                 |  |                      |   |   |

### 3.5 – Collaborations

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

| Nature of activity                        | Participant | Source of financial support | Duration |
|---|-------------|-----------------------------|----------|
| <b>No Data Entered/Not Applicable !!!</b> |             |                             |          |
| <b>No file uploaded.</b>                  |             |                             |          |

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<br>linkage | Name of the<br>partnering<br>institution/<br>industry<br>/research lab<br>with contact<br>details | Duration From | Duration To | Participant |
|---|-------------------------|---|---------------|-------------|-------------|
| <b>No Data Entered/Not Applicable !!!</b> |                         |   |               |             |             |
| <b>No file uploaded.</b>                  |                         |   |               |             |             |

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<br>students/teachers<br>participated under MoUs |
|------------------|--------------------|--------------------------|---|
| George Telegraph | 26/08/2016         | Communicative<br>English | 0   |
| Hulladeck        | 05/09/2016         | e waste management       | 54  |

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 |
|--|--|
| 15   | 14.15  |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities                                | Existing or Newly Added |
|---|-------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                         |
| No file uploaded.                         |                         |

### 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 |
|---------------------------|---|------------|--------------------|
| WebBased                  | Partially                                 | indigenous | 2016               |

4.2.2 – Library Services

| Library Service Type | Existing |         | Newly Added |       | Total  |         |
|----------------------|----------|---------|-------------|-------|--------|---------|
|                      |          |         |             |       |        |         |
| Text Books           | 13378    | 4158832 | 181         | 50058 | 13559  | 4208890 |
| Reference Books      | 841      | 208275  | 23          | 8651  | 864    | 216926  |
| e-Books              | 115000   | 0       | 101000      | 19725 | 216000 | 19725   |
| e-Journals           | 7000     | 0       | 13000       | 0     | 20000  | 0       |
| No file uploaded.    |          |         |             |       |        |         |

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 |
|---|--------------------|---------------------------------------|-----------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                    |                                       |                             |
| 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 | 48              | 10           | 48       | 5                | 2                | 11     | 32          | 100                             | 0      |
| Added    | 7               | 3            | 7        | 0                | 0                | 4      | 3           | 50                              | 0      |
| Total    | 55              | 13           | 55       | 5                | 2                | 15     | 35          | 150                             | 0      |

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

150 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 |
| <b>No Data Entered/Not Applicable !!!</b>  |  |

#### 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 |
|--|--|--|--|
| 13.13                                  | 13.33  | 8.18                                   | 11.92  |

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 Upgradation of the computer systems is generally done on quarterly basis. To fulfill the emergency demands, individual system upgradation is carried out keeping in mind the need for update, deployment and maintenance of the computers in the institution. Hardware and Software maintenance of computers and accessories, laptop projectors, CCTV and biometry are done by Speed Computer and Services through renewable Annual Maintenance Contracts. The elevator Annual Maintenance Contracts(AMC) is with Thyssen krupp Elevator Company. .Website maintenance is done indegenously. , Biometric system is with Speed Computers. The Aqua guards are maintained through AMC by Eurrka Forbes. Library is maintained by Security Solutions AMC of KOHA software.

#### 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   | Freeship                         | 181                | 904000           |
| Financial Support from Other Sources |                                  |                    |                  |
| a) National                          | Minority scholarship , Kanyasree | 37                 | 675000           |
| b) International                     | Nil                              | 0                  | 0                |
| No file uploaded.                    |                                  |                    |                  |

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 |
|---|-----------------------|-----------------------------|-------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                       |                             |                   |
| 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 |
|---|--------------------|--|--|--|---------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                    |  |  |  |                           |
| <b>No file uploaded.</b>                  |                    |  |  |  |                           |

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 |
|---------------------------|--------------------------------|---|
| 2                         | 2                              | 5   |

## 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 |
| Tata Consultancy Services     | 57                              | 23                        |                               |                                 |                           |
| <b>No file uploaded.</b>      |                                 |                           |                               |                                 |                           |

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 |
|---|--|--------------------------|---------------------------|----------------------------|-------------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |  |                          |                           |                            |                               |
| <b>No file uploaded.</b>                  |  |                          |                           |                            |                               |

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 |
|---|---|
| <b>No Data Entered/Not Applicable !!!</b> |   |
| <b>No file uploaded.</b>                  |   |

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

| Activity                 | Level   | Number of Participants |
|--------------------------|---------|------------------------|
| Annual Sports            | College | 352                    |
| <b>No file uploaded.</b> |         |                        |

## 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 |
|---|-------------------------|------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                         |                        |                             |                               |                   |                     |
| No file uploaded.                         |                         |                        |                             |                               |                   |                     |

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

Student representation in administration is achieved through student membership in the Governing Body as well as in the IQAC. The student representative can voice their views and opinions and other related student matters in the respective meetings. The Student Council is very active and responsible for all student activities throughout the year. They also act as the liason between the Principal, faculty and the student body as a whole. They sit in at meetings and their suggestion are given due consideration.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

157

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Science Experiment Demonstration by Krishnendu chakrabarty, Alumnus dept of Physics, 2015

### 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 Admission Committee counsels prospective candidates for admission before the Application Forms for admission are released The Admissions Committee (for admissions) involves all members of the staff who cooperate and work at different levels. They also sit in at interface meetings and meet parents and students prior to admission. Planning Board (for financial planning and implementation) involves the participation of teachers and nonteaching staff. Every grant to the college is discussed in this Board. Budgets for each department at the beginning of the academic year is prepared and discussed at the purchase committee and passed in the Finance committee. The Library committee prepares and plans for the book budget with individual departments. There is a Building Committee formed as per UGC guidelines with members from faculty, architects, engineers, contractors and office staff to assist with the planning and execution of vertical extension of the college and planning for infrastructure associated with the new wing.

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

Yes

## 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   |
|----------------------------|---|
| Admission of Students      | Admission of Students: The procedure for online admissions was refined. Information from application forms for admission was used for the filling up of University Registration and Examination Forms. The admission procedure was speeded up and involved all staff members. |
| Curriculum Development     | Curriculum Development: Curriculum is set by the University. Academic mentoring of students is done by the teachers.  |
| Teaching and Learning      | Teaching and Learning: Workshops, seminars, regular use of ICT in classrooms contributed to enhancement of Teaching Learning. A Language Lab for the B.Ed. students has been set up.  |
| Examination and Evaluation | Results of internal examinations are published online. Parentteacher meetings are conducted for students who have low attendance and are those who have not performed well in college.  |
| Research and Development   | Research and Development: The Research Cell holds regular meetings and programmes and presentations to broaden the academic perspectives through presentations of research done by students and faculty.  |
| Human Resource Management  | Human Resource Management Online HRMS designed and implemented indigenously. All staff can have access to information regarding leave, and other service record, online, through individual login password.   |

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

| E-governance area        | Details  |
|--------------------------|--|
| Planning and Development | Egovernance in areas of operations: Planning and Development There is a Building Committee with members from faculty, an architect, an engineer, contractor, teachers and office staff to assist with the planning and execution of vertical extension of the college, planning for infrastructure associated with the new wing. |
| Administration           | Administration MIS is in place. The website displays notices before admission. As admission is carried out online all information regarding it is  |



published from time to time on the college website. Most of the Accounts documentation and student information is digitally maintained, likewise.

**Finance and Accounts**

Financial planning and implementation involves the participation of teachers and nonteaching staff. Every grant to the college is discussed in meetings. Budgets for each department at the beginning of the academic year also form part of the discussions. The Library committee prepares and plans for the book budget with individual departments. TALLY is used to maintain office accounts. Student Support: The Student Council liaison between the students and the staff. Academic support is provided to weak students. The Library welcomes students for reference and study. Books are also made available to students through the Departmental libraries. Student's Health Home. Financially challenged students receive full or half fee waiver depending on the financial condition of the incumbent. The Freeship committee selects candidates on the basis of their application and after personally meeting the incumbents/

**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 |
|---|-----------------|--|--|-------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                 |  |  |                   |
| 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) |
|---|--|---|-----------|---------|---|---|
| <b>No Data Entered/Not Applicable !!!</b> |  |   |           |         |   |   |
| 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 |
|---|---------------------------------|------------|------------|----------|
| Refresher Course                                | 1                               | 02/07/2016 | 22/12/2017 | 21       |
| No file uploaded.                               |                                 |            |            |          |

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

| Teaching                           |           | Non-teaching |           |
|------------------------------------|-----------|--------------|-----------|
| Permanent                          | Full Time | Permanent    | Full Time |
| No Data Entered/Not Applicable !!! |           |              |           |

6.3.5 – Welfare schemes for

| Teaching                         | Non-teaching                     | Students      |
|----------------------------------|----------------------------------|---------------|
| Staff Cooperative Credit Society | Staff Cooperative Credit Society | Health Scheme |

## 6.4 – Financial Management and Resource Mobilization

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

Finance and Accounts : Financial planning and implementation involves the participation of teachers and nonteaching staff. Every grant to the college is discussed in meetings. Budgets for each department at the beginning of the academic year also form part of the discussions. The Library committee prepares and plans for the book budget with individual departments. TALLY is used to maintain office accounts. Student Support: The Student Council liaison between the students and the staff. Academic support is provided to weak students. The Library welcomes students for reference and study. Books are also made available to students through the Departmental libraries. Student's Health Home. Financially challenged students receive full or half fee waiver depending on the financial condition of the incumbent. The Freeship committee selects candidates on the basis of their application and after personally meeting the incumbents/

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 !!!                       |                               |         |
| No file uploaded.  |                               |         |

6.4.3 – Total corpus fund generated

|         |
|---------|
| 6751551 |
|---------|

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

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)

The college completed its second cycle and got accredited in December 2016. So post accreditation initiatives have just begun.

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

## 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 |
| Womens Day             | 08/03/2017  | 08/03/2017 | 46                     | 34   |

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

The students are required to do a project on environmental science based on practical field work which is a part of their curriculum so that they become aware and conscious of the various environmental issues. A solar Gate light has been installed

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities    | Yes/No | Number of beneficiaries |
|--------------------|--------|-------------------------|
| Provision for lift | Yes    | 3000                    |
| Ramp/Rails         | Yes    | 11                      |
| Rest Rooms         | Yes    | 11                      |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadva | Number of initiatives taken to engage with and contribute to | Date | Duration | Name of initiative | Issues addressed | Number of participating students and staff |
|------|--|--|------|----------|--------------------|------------------|--|
|------|--|--|------|----------|--------------------|------------------|--|

|                                    |                 |  |  |  |  |
|------------------------------------|-----------------|--|--|--|--|
| ntages                             | local community |  |  |  |  |
| 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)

|  |
|--|
| Plastic free campus<br>Non Smoking campus<br>Minimise waste<br>Minimize water consumption<br>Gutka free zone |
|--|

**7.2 – Best Practices**

7.2.1 – Describe at least two institutional best practices

1. Award for Academic Excellence by the teachers council Best Practice 1 Title of the practice : Award for Academic Excellence 1. Goal: To encourage students to do well in the University Examination. 2. The Context : To utilize the funds of the Teachers’ Council for a noble cause. 3. The Practice: The award is given to the College topper in the University Examination of each and every course offered by the College. Total number of awards being 13. The awardees are presented with a medal, a certificate and a small gift as a token of appreciation in recognition of their hard work. The awards are handed over in a ceremony where the parents of all the awardees are invited. 4. Evidence of Success : This resulted in a healthy competition amongst the students and eventually improve the overall university results for most departments. 5. Problems Encountered and Resources Required : Since the award was the result of a unanimous resolution of the teacher’s council, little or no problem was encountered in introducing it. 2. Indigenously developed Online Human Resource Management System Best Practice 2 1. Title of the practice : Online Human Resource Management System 2. Goal: To make all service related data available online to the respective staff of the college. . 3. The Context Online availability and storage of data saves paper (ecofriendly) and space. Moreover, data can be accessed anytime from anywhere. 4. The Practice : Software for HRMS was developed indigenously by Dr. Santanu Laha, Associate Professor in the Department of Physics of our college. The system has been running successfully from 2013 till date. 5. Evidence of Success : Both academic and administrative staff of the college can view their leave statements, salary statements, PF statements and all other service related personal data for their entire service period by logging on to their respective accounts. The account can be accessed by entering their user ID and password to maintain privacy of personal data. 6. Problems Encountered and Resources Required : As the software was prepared indigenously and free of cost, no problems were encountered as such. 7. Notes(optional) 8. Contact person: Name of the Principal : Dr.Purna Chandra Maity Name of the Institution : Acharya Jagadish Chandra Bose College City : Kolkata Pin Code : 700020 Accredited status : NAAC accredited in 2016 Work phone : 03322825181 Website :www.ajcbosecollege.org Mobile : 09433343919 Fax: 03322821362 Email info@ajcbosecollege.org

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

institution website, provide the link

### 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 Institution caters to a diverse section of students belonging to different caste creed and religion. A good number of students come from the minority section, specially minority women.

Provide the weblink of the institution

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

#To develop and continue the construction of the college building to enhance the infrastructural facilities (need of the hour) # To initiate faculty exchange programmes # nTo improve the feedback system and its process of analysis, # To conduct faculty development programmes