



Yearly Status Report - 2017-2018

Part A

Data of the Institution

1. Name of the Institution		MAULANA AZAD COLLEGE
Name of the head of the Institution		DR. SUBHASIS DUTTA
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		03322264306
Mobile no.		9433563658
Registered Email		maulanaazadcollegেকolkata@gmail.com
Alternate Email		mackolkataiqac@gmail.com
Address		8, RAFI AHMED KIDWAI ROAD
City/Town		Kolkata
State/UT		West Bengal
Pincode		700013
2. Institutional Status		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	state
Name of the IQAC co-ordinator/Director	Professor Subir Chandra Dasgupta
Phone no/Alternate Phone no.	03322493737
Mobile no.	9830471981
Registered Email	mackolkataiqac@gmail.com
Alternate Email	subirdgupta@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.maulanaazadcollegekolkata.ac.in/AQAR_2016_17.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.maulanaazadcollegekolkata.ac.in/academic-calendar.php

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
2	A	3.13	2016	05-Nov-2016	04-Nov-2021

6. Date of Establishment of IQAC

01-Aug-2008

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 protection of Environment: Celebration	16-Sep-2017 1	100

of world Ozone Day		
Seminar on Rights Power and Emancipation of Women in India	28-Mar-2018 1	100
Seminar on CBCS Implementation	18-Jul-2018 1	100
Interactive session with college office staff and Students	23-Jul-2018 1	250
Seminar cum workshop on student fellowship scheme opportunity at JBNSTS	11-Jul-2018 1	40

8. Provide the list of Special Status conferred 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
College	Development Grant	Government of West Bengal	2017 1	2269869
Botany, Chemistry, Microbiology, Physics, Zoology	STAR College	DBT	2017 1	387484
Sociology	Major Research Project	ICMR	2017 1	1554458
Microbiology	Major Research Project	UGC	2017 1	387484
Botany	Major Research Project	UGC	2017 1	216800
Chemistry, Microbiology	UG BOOST	DST	2017 1	2000000
Zoology	Major Research Project	NTRF	2017 1	0
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

2

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

Yes

Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes
If yes, mention the amount	300000
Year	2017

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

IQAC takes key role in preparation and implementation of academic calendar in college. ? IQAC is instrumental in monitoring and implementation of the Career Advancement scheme of the teachers and arranges for responding to the All India Higher Education Survey. ? IQAC monitors all such programmes in the college like seminars, outreach initiatives, student meets and career counseling initiatives and mediates liaison with Industry ? There is a constant and vigilant system of monitoring in which the Principal is always actively engaged and there are live consultations between the Principal, the TCS (Secretary, Teachers' Council), Coordinator, IQAC, Conveners of UGC Committees and all the Heads as also those seniors in charge of key areas. ? IQAC oversees the activity of the Research Committee and motivates faculties to write research proposal and making them aware of the different funding agency.

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

Plan of Action	Achivements/Outcomes
Renovation and modernization of IQAC room	Implemented
Renovation of Bakers Govt. Hostel	Implemented
Recruitment of Security personnel from Gorkha Council	Implemented
Continuation of CAS for faculty members	Implemented
Execution of hands on training of DBT Star College programme	Implemented
Seminar and workshop on Human Rights Power and Emancipation of Women in India	Implemented
Beautification of College Garden	Implemented
Upgradation of Botany Laboratories and teachers common room	Implemented
Counseling session for students regarding implementation of CBCS through academic calendar	Implemented

Alumni meetings to discuss and enhance wholesome education and development.	Executed				
Participation in workshops, conferences, seminars and poster presentation by Faculty members	Executed				
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Governing Body</td> <td style="text-align: center;">30-Nov-2018</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	Governing Body	30-Nov-2018
Name of Statutory Body	Meeting Date				
Governing Body	30-Nov-2018				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes				
Date of Visit	07-Sep-2016				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2018				
Date of Submission	07-Mar-2018				
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)	<p>The institution is fully managed by Higher Education Department, Government of West Bengal through its eportal Integrated Financial Management System (WBIFMS). Each employee has a unique login id through which he/she can gain limited access to his portal and see his personal credentials such as pay slips, GPF or apply for leaves, enter his/her family details for nominations under various schemes including health scheme. The details entered by the employee are then checked and verified by the DDO or any officer of higher cadre before being sent up for approval by the Finance Department, Government of West Bengal, The Principal is administrative head and is accountable to Director of Public Instruction, West Bengal. However the administration is facilitated by (a) a set of sub committees formed by the Teachers</p>				

council, and (b) the Head of the Departments. The sub committees design and implement all the affairs that relates to the college's image building. Right from admission to conducting elections for student's union, the sub committees mastermind almost every academic and administrative strategy. The Head of the department are responsible for assessing the academic progress of respective departments. They assign the syllabi for all teachers in a course, look over all performances of the assignees, take feedback from the students and parents through periodical guardian meeting, monitor each and every student's weakness and strength, frame the budget, manage the resources and in case of Postgraduate department holding semester PG examination regularly, official publication of results and in association with IQAC undertake SWOT analysis in real terms. It becomes the responsibility of the Principal and the government to address all these issues if needed.

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

Institution has the mechanism for well-planned curriculum delivery and documentation. The Institution is affiliated to the University of Calcutta and hence the UG syllabus is constituted and governed by the University with a few teachers of the college as members in the Board of Studies in various subjects taught in this college. The academic calendar is made in accordance with the affiliated University and is displayed in the website before commencement of admission each year. The lesson plan and detailed course structure is also displayed in the website.

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
None introduced	None introduced	30/06/2018	0	Not applicable	Not applicable

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BCom	Semesterised exam based	01/07/2017

on Choice Based Credit

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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
BSc		01/07/2018
BA		01/07/2018
BCom		01/07/2017

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
Not offered	30/06/2018	0
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Bioscience departments	98
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>The development of any organization, especially a college, heavily depends upon a wellfunctioning feedback system. It requires a thorough preparation to initiate, launch and implement the feedback system. This college has been practicing the feedback systems accommodating all the stakeholders including students, alumni and parents for many years to help the individuals and organization as a whole to improve the performance and effectiveness of the Institution. Parents are important stake holders of this system. Parentteacher meeting is periodically conducted in this college and their suggestions are regularly obtained and analyzed. The following parameters are accommodated in the feedback: Efficiency of Teaching faculty, Fees Structure, Infrastructure, Library, Environment, Career guidance and Placement.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BCom		68	1786	67
BA		549	4499	514
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	959	91	95	0	21

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	60	15	20	2	0

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

Student mentoring is an integral part of the Institutes' endeavor towards academic excellence. The following strategies are adopted to effectively cater for the mentoring programme ?Dual orientation of students on the first day of admission a) by the Principal to welcome them to the campus and make them feel comfortable at an altogether new learning environment with unfamiliar people and surroundings b) by the Departmental HOD to minimize their speculations and worries about their subject of choice by introducing to them the scopes and job opportunities in their subject ?Bridging the gap between the teachers and students by fostering interaction between these two communities beyond academic matters.?Creation of a better environment in college, where students can approach teachers, for both educational and personal guidance.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1064	95	1:10

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
110	95	15	1	55

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	Designation	Name of the award, fellowship, received from
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	state level, national level, international level		Government or recognized bodies
2018	Dr. Iftekhar Ahmed	Assistant Professor	Well wisher Award (Life time Achievement Award) Of All India Unani Congress
2017	Dr. Shahnawaz Shibli	Assistant Professor	Tagore Award by Bazme Qalan Kallub
2018	Dr. Shahnawaz Shibli	Assistant Professor	Anjuman Tarragi Pasad, Howrah
2018	Dr. Shahnawaz Shibli	Assistant Professor	Social Activist award, Kamarhati Welfare Association
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester- end/ year- end examination
MA	Semester III Urdu	Semester	20/01/2018	12/03/2018
MA	Semester IV Urdu	Semester	11/07/2018	20/08/2018
BA	Part I	Year	27/07/2018	27/10/2018
BA	Part II	Year	05/06/2018	05/09/2018
BA	Part III	Year	13/04/2018	30/06/2018
BSc	Part I	Year	06/09/2018	06/12/2018
BSc	Part II	Year	05/06/2018	05/09/2018
BSc	Part III	Year	13/04/2018	30/06/2018
BCom	Part I	Year	06/09/2018	06/12/2018
BCom	Part II	Year	25/05/2018	25/08/2018
BCom	Part III	Year	13/04/2018	30/06/2018
MSc	Semester I Zoology	Semester	17/01/2018	27/03/2018
MSc	Semester II Zoology	Semester	06/07/2017	31/08/2017
MSc	Semester III Zoology	Semester	20/01/2018	27/03/2018
MSc	Semester IV Zoology	Semester	24/06/2017	27/07/2017
MA	Semester I English	Semester	15/01/2018	28/02/2018
MA	Semester II English	Semester	12/06/2018	06/08/2018

MA	Semester III English	Semester	15/01/2018	28/02/2018
MA	Semester IV English	Semester	12/06/2018	06/08/2018
MA	Semester 1 Urdu	Semester	20/01/2018	12/03/2018
MA	Semester II Urdu	Semester	11/07/2018	20/08/2018
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

In order to functionalize a continuous quality improvement module, the following two stage evaluation and reform system has been implemented A) Student assessment - continuous monitoring of attendance, and responsiveness in the class, conduction of special remedial/tutorial classes outside the routine hours, periodic conduction of class tests, result analysis and discussion with the students B) Student feedback - The institution receives an exhaustive structured questionnaire from every student after year/semester end teaching, infrastructure, and the entire learning experience for the students during their tenure. The college has instituted an online student's feedback system to obtain feedback on teaching, coursework and various academic activities. The student's feedback is considered as a valuable source of information to measure their level of satisfaction. ? Parent teacher meeting /monitoring - Parents are invited at least once in a semester to discuss the progress of their wards. This is in addition to the regular monitoring of the student's progress by their mentors. ? Academic audit - Regular academic audit both internal/external are conducted. The audit reports are reviewed and approved by the management. ? The faculty (mentor) regularly interacts with the assigned students to access and monitor the progress of each student and the same is communicated to the parents.

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

The Academic calendar was prepared according to the guidelines issued by the University of Calcutta by a teachers' committee constituted by Principal in consultation with the Secretary of Teachers' council and duly placed and approved in a Teachers' Council meeting. The University Registration process for ensuing newly admitted students' process started on 12th July, 2017 and was completed within 5th September, 2017. Commencement of classes occurred on 25th July, 2017. Additional remedial/tutorial classes were taken by various departments for the not so meritorious students. Midterm examination for all three years was held in the month of November, 2017 just after the college reopened after Durgapuja vacations. Selection test to sit for the University Part I examinations was conducted for first year on the first week of March, For second year students it was held on the Last week of January and that for the third year was held on second week of December. In all cases, results were published within two weeks from the last date of examination.

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.maulanaazadcollegekolkata.ac.in/statistics.php>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students	Number of students passed	Pass Percentage
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			appeared in the final year examination	in final year examination	
Part III	BA		289	208	71.9
Part III	BSc		173	148	85.55
Part III	BCom		69	50	72.46
Semester IV	MSc		21	21	100
Semester IV	MA		23	23	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.maulanaazadcollegekolkata.ac.in/studentfeedback.php>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	3	UGC	1456871	387484
Major Projects	3	UGC	1596200	216800
Major Projects	2	ICMR	3101342	1554458
Students Research Projects (Other than compulsory by the University)	1	DBT STAR College Scheme	125000	125000
Any Other (Specify)	3	DBT BOOST WB	2000000	2000000
Major Projects	3	NTRF	1700000	0

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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
No workshops were conducted	Nil	30/06/2018

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No awards were won	None	Nil	30/06/2018	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
No incubation centers created	Not applicable	Not applicable	Not applicable	Not applicable	30/06/2018
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
Sociology	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)
International	Microbiology	1	3.92
International	Physics	4	3.49
International	Statistics	1	0.73
International	Zoology	2	1.48
International	History	1	0
International	Mathematics	1	0
National	Bengali	2	0
National	English	1	0
National	Mathematics	1	0
National	Urdu	4	0

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
Botany	1
English	7
History	2
Microbiology	1
Political Science	1
Urdu	17
Zoology	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	Name of	Title of journal	Year of	Citation Index	Institutional	Number of
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Paper	Author		publication		affiliation as mentioned in the publication	citations excluding self citation
Trehalose induced structural modulation of Bovine Serum Albumin at ambient temperature	Ahana Das, Pijush Basak, Rudradip Pattachanayak, Turban Kar, Rajib Majumder, Debadrita Pal, Anindita Bhattacharya, Maitree Bhattacharyya, Samudra Prosad Banik	International Journal of Biological Macromolecules	2017	8	Dept. of Microbiology, Maulana Azad College, JBNSTS, Kolkata, NMSU, New Mexico, USA, Department of Biochemistry, CU, IACS, Kolkata, Structural Biology and Bioinformatics Div., CSIR IICB, Kolkata	8
Exploring Charge and Color Breaking Vacuum in NonHolomorphic MSSM	Jyotiranjana Beuria, Abhishek Dey	Journal of High Energy Physics	2017	3	Dept. of Physics, Maulana Azad College, Regional Centre for Accelerator based Particle Physics Harish Chandra Research Institute, Allahabad	3
Exploring viable vacua of the Z ₃ symmetric NMSSM	Jyotiranjana Beuria, Utpal Chattopadhyay, Aresh Krishna Dutta and Abhishek Dey	Journal of High Energy Physics	2017	12	Dept. of Physics, Maulana Azad College, Regional Centre for Accelerator based Particle Physics Harish Chandra Research Institute, Allahabad	12

Combined complete active space configuration interaction and perturbation theory applied to conformational energy prototypes: Rotation and Inversion barriers	Suvonil Sinha Ray, Uttam Sinha Mahapatra, Rajat K. Chaudhuri, Sudip Chattopadhyay	Computational and Theoretical Chemistry	2017	0	Dept. of Physics, Maulana Azad College, Department of Chemistry, Indian Institute of Engineering Science and Technology, Howrah, Indian Institute of Astrophysics, Bangalore	0
Antifibrotic effect of black tea (Camellia sinensis) extract in experimental pulmonary fibrosis	Kaustav Chakraborty, Avijit Dey, Arindam Bhattacharyya, Subir Chandra Dasgupta	Tissue and Cell	2017	0	Dept. of Zoology, Maulana Azad College, Department of Zoology, University of Calcutta	0
A predator-prey mathematical model with both the population affected by disease	Palash Mandal, Nanda Das, Samarees Pal	Nonlinear studies	2017	0	Dept. of Mathematics, Maulana Azad College, Hoogly Mohsin College, University of Kalyani	0
Study of a Nonlinear HIV/AIDS epidemic model and effect of vaccination	Debashis Biswas, Nanda Das, Samarees Pal	Bulletin of the Calcutta Mathematical Society	2017	0	Dept. of Mathematics, Maulana Azad College, Hoogly Mohsin College, University of Kalyani	0
Testing in nonparametric ANCOVA model	Debajit Chatterjee and Uttam Bandyopadhyay	Annals of the Institute of Statistics	2018	0	Dept. of Statistics, Maulana Azad	0

based on ridit reli ability functional	yay	ical Mathe matics			College, University of Calcutta	
Detection of Curvatu reRadiusDe pendent In terfacial pH/Polarit y for Amph iphilic Se lfAssembli es: Positive versus Negative Curvature	Yeasmin Sarkar, Rini Majumder, Sanju Das, Ambarish Ray, and Partha Pratim Parui	Langmuir	2018	4	Department of Chemistry, Maulana Azad College, Kolkata 700013, India Department of Chemistry, Jadavpur U niversity, Kolkata 700032, India	4
Interfacia l pH and polarity detection of amphiph ilic selfa ssemblies using a single Schiffbase molecule	R. Majumder, Y. Sarkar, S. Das, A. Ray and P. P. Parui	New J. Chem	2018	3	Department of Chemistry, Maulana Azad College, Kolkata 700013, India Department of Chemistry, Jadavpur University	3
A unique cysteine selective water soluble fl uorescent probe operable in multiple sensing cycles for the detection of biogenic cysteine in multice llular living species	S. Das, Y. Sarkar, R. Majumder, S. Mukherjee, J. Bandyop adhyay, A. Ray and P. P. Parui,	New J. Chem	2018	7	Department of Chemistry, Maulana Azad College, Kolkata 700013, India Department of Chemistry, Jadavpur U niversity, Kolkata 700032, India	7

Anthraimid azoledione Based Reversible and Reusable Selective Chemosenso rs for Fluoride Ion: NakedEye, Colorimetr ic and Flu orescence ONOFF	Bhattachar yya B, Kundu A, Guchhait N, Dhara K.	J. of Fluo rescence	2018	2	Department of Chemistry, Government Girls General Degree College, Kolkata, 700013, India. Department of Chemistry, Maulana Azad College, Kolkata, 700013, India Department of Chemistry, University College of Science Te chnology, Kolkata	2
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Trehalose induced structural modulation of Bovine Serum Albumin at ambient temperature	Samudra Prosad Banik	International Journal of Biological Macromolecules	2017	8	9	Dept. of Microbiology, Maulana Azad College
Exploring Charge and Color Breaking Vacuum in NonHolomorphic MSSM	Abhishek Dey	Journal of High Energy Physics	2017	4	3	Dept. of Physics, Maulana Azad College
Exploring viable vacua of the Z3symmetric	Abhishek Dey	Journal of High Energy Physics	2017	4	12	Dept. of Physics, Maulana Azad College

NMSSM						
Combined complete active space configuration interaction and perturbation theory applied to conformational energy prototypes: Rotation and Inversion barriers	Uttam Sinha Mahapatra	Computational and Theoretical Chemistry	2017	21	0	Dept. of Physics, Maulana Azad College
Antifibrotic effect of black tea (Camellia sinensis) extract in experimental pulmonary fibrosis	Subir Chandra Dasgupta	Tissue and Cell	2017	13	0	Dept. of Zoology, Maulana Azad College
A predator-prey mathematical model with both the population affected by disease	Nanda Das	Nonlinear studies	2017	5	0	Dept. of Mathematics, Maulana Azad College
Study of a Nonlinear HIV/AIDS epidemic model and effect of vaccination	Nanda Das	Bulletin of the Calcutta Mathematical Society	2017	5	0	Dept. of Mathematics, Maulana Azad College
Testing in nonparametric ANCOVA model based on reliability functional	Debajit Chatterjee	Annals of the Institute of Statistical Mathematics	2018	2	0	Dept. of Statistics, Maulana Azad College
Detection of Curvature	Ambarish Ray	Langmuir	2018	10	4	Dept. of Chemistry,

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pendent In
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pH/Polarit
y for Amph
iphilic Se
lfAssembl
ies:
Positive
versus
Negative
Curvature

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	6	26	21	0
Presented papers	6	7	25	0
Resource persons	2	4	0	0

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
College Campus Cleaning	NSS	20	80
Blood Donation Camp	NSS	35	65
Career Counselling	NSS	10	50

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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	0

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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 cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Nil	NA	NA	0	0

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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	10	UGC and NTRF	3
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
Sharing of research facilities	Equipment sharing	Department of Physiology Calcutta University	01/07/2017	30/06/2018	Prof. Subir Chandra Dasgupta
Sharing of research facilities	Equipment sharing	Department of Biochemistry Calcutta University	01/07/2017	30/06/2018	Samudra Prosad Banik
Sharing of research facilities	Equipment sharing	JBNSTS Kolkata	01/07/2017	30/06/2018	Samudra Prosad Banik
Sharing of research facilities	Equipment sharing	Department of Chemistry, Jadavpur University	01/07/2017	30/06/2018	Ambarish Ray
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
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
29.39	22.69

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
------------	-------------------------

Existing	130	33	1	1	1	16	62	20	
Added	2		1	1		4		30	
Total	132	33	2	2	1	20	62	50	0

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

50 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
None developed	Not applicable

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
14066142	13378383	9230730	9230730

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)

?Smart class rooms are installed in majority of the Departments to facilitate ICT enabled teaching. ? Internet speed has been boosted to 50 Mbps through fiber optic cable technology mediated Internet facility ?All departments and administration are networked and connected through LAN ? Admission and student database is managed online. ? Library is JSTORDELNET supported. ? Computer training programme for SC/ST/Minority girls has been initiated. ? ICT skill development programme for staff members has been initiated. ? All computers have been brought under AMC. ? Social network platforms are in use for group based sharing of study materials and interaction between students and faculty members ?Separate mail id for each year student has been allocated for easy communication and class material ? Facility for internet,intranet and intercom service has been initiated for academic and administrative office ? Single window facility to meet up student needs has been launched.

<http://www.maulanaazadcollegekolkata.ac.in>

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	Student freeship and Kanyashree K2	994	2175970
Financial Support from Other Sources			
a) National	National Scholarship Portal, Swami Vivekananda, Swami Vivekananda Merit cum Means	668	4192000

	Scholarship for Minorities, Post Metric Scholarship, Urdu Academy and Kanyashree		
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
None initiated	30/06/2018	0	0
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
2018	Student Employment	200	0	20	2
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
0	0	15

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
Larson and Toubro	10	2	TCS and Blossom Academy	50	2
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
2018	3	B.Sc. (Honours)	Botany	University of Calcutta	M.Sc. in Botany

2018	10	B.Sc. (Honours)	Chemistry	University of Calcutta, IIT Kanpur, IIT Guwahati, IIT Dhanbad, Hyderabad School of Chemistry, Puducherry University, IIEST Shibpur, Howrah and Central University of Rajasthan	M.Sc. in Chemistry and Integrated M.Sc. and Ph.D.
2018	28	B.Sc. (Honours)	Physics	NIIT Trichur, NIIT Durgapur, University of Calcutta, IISER, Kolkata and SNBNCBS	M.Sc. in Physics and Integrated M.Sc. and Ph.D.
2018	28	B.Sc. (Honours)	Zoology	University of Calcutta, West Bengal State University and Christ University	M.Sc. in Zoology
2018	15	B.A. (Honours)	Bengali	University of Calcutta	M.A. in Bengali
2018	16	B.Sc. (Honours)	Microbiology	University of Calcutta, JNU, Pondicherry University	M.Sc. in Microbiology
2018	105	B.A. (Honours)	Humanities and Languages	University of Calcutta, Burdwan University, Kalyani University, Jadavpur University	M.A.
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	1

NET	1
NET	1
SET	1
SET	1
SET	1
SET	1
SET	1
SET	1
GATE	1
GATE	1
GATE	1
GATE	1
GATE	1
No file uploaded.	

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

Activity	Level	Number of Participants
Annual Athletic Meet on 03.02.2018	College	249
Celebration of World Ozone Day on 16.09.2017	College	115
No file uploaded.		

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
2018	Most Disciplined college award in the 3rd BRC intercollege rowing championship	National	1	0	1111150597	Ghoolam Zaffar

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

An elected body of Student Council (Students' Union) is present within the college to look after student matters within the guidance of the institute. A student from the third year functions as the General Secretary. He is helped by several class representatives. Under the ambit of this forum, students are encouraged to be a part of the decisionmaking process supporting democratic form of governance. One member from the council is included in the IQAC to represent the student body in college academic and administrative affairs. The general activities of the Student Council includes 1) Facilitate student admission process 2) Look after student related matters and report their grievances to the higher authority 3) Organization of the annual athletic

sports together with the Physical Instructor of the college. 4) Organisation of various religious and cultural programmes such as Saraswati Puja, MiladulNabi etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

A registered Alumni association is present (S/IL/77219). Alumni meetings are continuously arranged, annual alumni meet organized to discuss and enhance wholesome education and development. This year the meet was held on 21st December, 2018. Alumni members help the institution in every possible extend. They are regularly invited to interact with the students. They come and share their expertise from various fields like government, academia, corporate world, startups etc. Workshops are conducted by alumni on current trend/technology. Alumni of the institute working in different reputed government /private /MNCs / academia are regularly invited to address the students and boost their selfconfidence. Alumni offered the prize for the students who scored good results in university examination. Beside that series of lectures were held by different departments by their alumni who are well settled in higher studies in reputed institute.

5.4.2 – No. of enrolled Alumni:

107

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

10000

5.4.4 – Meetings/activities organized by Alumni Association :

1) Feedbacks on institute, academic, nonacademic activities are provided by the alumni on regular basis. 2) The alumni also provide scholarships/awards/prizes to the deserving students. 3) The alumni association also sponsors different endowment lectures.

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)

Decentralization: Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system. The Governing Body delegates all the academic and operational decisions based on policy to the Academic Monitoring Committee headed by the Principal in order to fulfill the vision and mission of the institute. Academic Monitoring Committee formulates common working procedures and entrusts the implementation with the faculty members. Faculty members are given representation in various committees and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, cocurricular, and extracurricular activities. They are given authority to conduct industrial tours and to have tie up with industry experts , conducting field excursions and appointed as coordinator and convener for organizing seminars/workshops/conferences. For effective implementation and improvement of the institute following different committees are formed. Other units of the institute like sports, library, store etc. have operational autonomy under the guidance of the various committees..

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
Examination and Evaluation	instrumentations in the CBCS curriculum. ? Increased participation of faculty members in FIPs and STCs in order to enable them hone their teaching skills in the e platform. ? Examination and Evaluation: CBCS based semester modules have been mandated in all streams. The following changes in the examination calendar have been effected from the present academic year to accommodate the new system. ? Conduction of bimonthly class tests and one end of semester internal examination for each department. ? Strict vigilance of attendance and immediate report of the same to the concerned parent since a part of the end of semester mark is borne by the class attendance. ? Fast evaluation of answer scripts, prepublication discussion with students and conduction of post publication remedial classes.
Research and Development	The R D of the science departments got a major boost through the award of the STAR COLLEGE status by the Department of Biotechnology, Govt of India for research infrastructure augmentation and conduction of short student projects. The beneficiary departments were Botany, Chemistry, Microbiology, Physics and Zoology. ? Additionally, Chemistry and Microbiology received support from UG BOOST, Department of Science and Technology, Government of West Bengal. ? Many faculties are engaged in active research with five departments recognized as Ph.D. awarding centers from various universities. ? Faculties are constantly publishing their works in indexed and peer reviewed National and International Journals.
Library, ICT and Physical Infrastructure / Instrumentation	Library, ICT and Physical Infrastructure/Instrumentation: Library is well connected with consortium of Indian libraries INFLIBNET. The database is managed partially by Koha software. There is one dedicated internet browsing centre and another

one has been newly installed with three computers. 471 text books and 314 reference books were added to the Institute Central Library during 2017-2018 period. The Institute has more than 132 computers with 6 smartclass rooms. There is a dedicated seminar room with high fidelity acoustics. The laboratories of all science departments are well furnished with modern equipment. The infrastructural facilities are augmented with other amenities such as canteen, medical room, separate hostels for boys and girls, separate common rooms for boys and girls, basketball court and indoor games hall.

Human Resource Management

The Institution is under full administrative and financial jurisdiction of the Government of West Bengal. The database of its employees is maintained in a common platform named iFMS (Integrated Financial Management System) where service related informations of the employees including salary slip, arrear bill, family nominee for various schemes and plans, duty leaves etc, can be seen and updated appropriately.

Industry Interaction / Collaboration

Institute has active collaboration with Jagadish Bose National Science Talent Search, Kolkata for various social outreach activities. The faculty members are also engaged in various interdisciplinary scientific projects with various research institutes of repute. Students accompanied by faculty members intermittently visit industries to witness actual production plants in operation. Most of these activities are carried out from the auspices of the DBT STAR COLLEGE programme.

Admission of Students

Merit based admission of students is carried out in a full online manner to ensure transparency. An admission committee constituted from the teachers looks after the entire admission process. Notification is generally published in the website ahead of submission of online forms which usually commences within one week of publication of 2 result of all major education boards across India.

Curriculum Development

The Institution is under complete administrative and academic

jurisdiction of the University of Calcutta. Therefore, there is little scope of curriculum development on part of the individual faculties of the Institution. However, several faculties are members of Board of Studies (Presently 24 in PG and 9 in UG) of various universities including University of Calcutta who took active role in restructuring the syllabi under the newly introduced semester based CBCS module. Several other faculties also took active part in the syllabus finalization workshops conducted by various departments of the University.

Teaching and Learning

The introduction of the CBCS has necessitated the induction of new strategies and methodologies alongside the already functional ones. The salient features are as following ? Greater adoption of smart classroom and related ICT technologies to ensure optimal coverage of the syllabus within prescribed time. ? Intermittent conduction of student seminars on topics within curriculum to improve student confidence and augment understanding. ? Organization of visits to different research laboratories (for science stream) for ease of grasp of

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

E-governance area	Details
<p>Planning and Development</p>	<p>Installation of e classrooms in all departments with two videoconferencing enabled smart class rooms. ? Each department is provided with computers having internet facility. ? The institute Central Library has adequate no. of books, journal, computer with internet enabled reading room facility for students. ? Digitization of rare manuscripts in the central library, subscriptions to major journal databases such as JSTOR. Library is managed by the Inflibnet and KOHA softwares.</p>
<p>Administration</p>	<p>Administrative work both at Principal's office and Students' section is facilitated by more than 15 terminals connected 50 MBPS leased line. ? WiFi facility throughout the institute. ? All leave applications statement of attendances and other service related documents are handled and uploaded through the West Bengal Higher Education iFMS portal. software ? 24x7</p>

	CCTV surveillance system is operative at various points inside the campus including Central Library, Students common room, Staff room, corridors, and Principal's office.
Finance and Accounts	Tally System for maintaining the accounts in accounts department.
Student Admission and Support	Internet facility is provided in the student hostel. ? Admission and examination procedure are computerised.
Examination	Till now, online software managed portal for entry of marks is only present in the Department of Commerce under the CBCS system. It will be mandated in all departments in the next academic year. As of now, college examination of marks are entered in a spreadsheet and preserved.

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
2017	No teacher was provided support	Not applicable	Not applicable	0
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)
2017	Nil	Nil	01/07/2017	30/06/2018	0	0
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
Interdisciplinary Refresher Course	1	15/01/2018	05/02/2018	21
Refresher Course on	1	06/11/2017	25/11/2017	21

"Literature and other arts" at Comparative Literature Dept., Jadavpur University

No file uploaded.

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
93	93	45	45

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
West Bengal Health Scheme, 2008	West Bengal Health Scheme, 2008	Kanyashree, Merit cum means

6.4 – Financial Management and Resource Mobilization

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

The accounts of the college are audited regularly as per the government rules. MAC has separate dedicated internal Committee for keeping records of expenditure from Government Development grants and those obtained from different extramural funding agencies like UGC, DBT, DST etc. Receipts including vouchers for payment made are checked thoroughly and tallied with order copy and four sets of quotations (Tenders and quotations are duly called for in Newspapers/websites well atleast one month before the commencement of purchase procedures). They are then subsequently audited by Government enlisted auditor and the end of the financial year, After the audit the report is sent to the management for review. The college also files income tax return every year within the stipulated time.

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
Jindal Fellowship and Ramkrishna Mission	15000	Scholarship

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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	Yes	Calcutta University	Yes	IQAC
Administrative	Yes	Accountant General Bengal	Yes	IQAC

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

Organization of Parentteacher meetings by respective Departments is an integral part of feedback from Stakeholders. ? Parents are invited for discussion of their wards' performance in three specific areas a) attendance b) responsive and interaction in class c) Performance in examinations, Alongside, their views on the overall academic ambience of the Institution and infrastructural support is also discussed. ? Subsequently, an exhaustive report is prepared, analysed and sent to IQAC. Based on the reports, IQAC conducts meetings with Principal and Departmental heads to take remedial measures. ? Institute believes that maintaining a holistic relationship between teachers and parents goes a long way in development of mutual trust between an organization and its stakeholders.

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

? Workshop on augmentation of computer skills for support staff ? One day induction programme cum workshop on use of PFMS and EAT module for accountants. ? One day induction programme on the modalities of CBCS system.

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

Establishment of a computer centre at the Department of chemistry and installation of smart class room facility at all departments. ? Completion of extension work at the roof top annex of the Department of Microbiology. ? Renovation of Boys' hostel and further work for completion of girls' hostel. ? Complete revamp of electrical fittings and accessories and replacement by power efficient ones ? Renovation of Ladies' washroom for teachers and girl's washroom.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Seminar on CBCS Implementation	18/07/2018	18/07/2018	18/07/2018	100
2018	Interactive session on the modalities of CBCS with college office staff and students	23/07/2018	23/07/2018	23/07/2018	250
2018	Seminar cum workshop on student fellowship scheme opportunity	11/07/2018	11/07/2018	11/07/2018	40

	at JBNSTS				
2018	IQAC meeting regarding monitoring internal quality	09/08/2018	09/07/2018	09/08/2018	35

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
None organised	01/07/2017	30/06/2018	0	0

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
<p>1. The entire compound of the college has been declared as a plastic free zone.</p> <p>2. The medicinal plant garden has been revamped and one new garden has been additionally planted</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	19
Braille Software/facilities	Yes	0
Rest Rooms	Yes	19

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
2017	0	0	30/06/2018	011000	Not applicable	Not applicable	0

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

Title	Date of publication	Follow up(max 100 words)
None	30/06/2018	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 !!!			

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

1. Complete revamp of medicinal plant garden 2. Establishment of no smoking

zone in the campus 3. Erection of a new square garden and its subsequent beautification 4. Replacement of old light bulbs, fans and air conditioners with power efficient electrical accessories and star rated airconditioners. 5. Constitution of a committee for maintaining liaison with Municipal authority proper and timely disposal of hazardous waste and cleaning of sewage.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1) To enhance research potential of UG and PG students The college has been the recipient of the coveted DBT STAR status in 2017 after successfully running the scheme for five years to motivate young minds in scientific research. Under the scheme, UG students of five beneficiary science departments are groomed for development of research aptitude through small scientific workshops, research projects, seminars and peer meet programmes. The findings from the projects are published in peer reviewed journals as well as presented in National level seminars and symposiums. Additionally, a lot of outreach activities are also conducted by the college under the scheme, for eg visit to rural schools for creation of science awareness through demonstration and lectures, inviting school children to visit the laboratories at our science departments and carry out handson activities etc. Additionally six departments from science and humanities are recognized PhD. awarding centres with well equipped laboratories where scholars can enroll themselves under the faculties to carry out their doctoral dissertations. 2) To promote gender equity and inclusiveness in education in a multilingual platform This is a coeducational Institute with students from various social backgrounds where a vast number of students are first generation learners including an almost 1:1 ratio of male and female students. In order to bring students from economically weaker background into mainstream of education and motivate them to pursue higher education, the college carries out department specific orientation programmes and student counseling sessions, offers a host of state government and other funding agency aided scholarships and freeships with dedicated committees constituted of teachers to look after these and also holds ParentTeacher intermittently. The college offers six different language options namely English, Bengali, Urdu, Persian, Arabic and Sanskrit to its students to promote cultural exchange in a multilingual platform.

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

<http://www.maulanaazadcollegekolkata.ac.in/>

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 Institute believes in imparting quality inclusive education to all irrespective of caste, creed and economic status. Due to its location, it gets many first generation learners. So, it a daunting task for the faculties to keep them motivated in their academic pursuit with the present job market. Our faculties put extra efforts to achieve this feat Keeping in view the above objective the Institution does not regularly get toppers across all disciplines but is often successful in finding meritorious students from the noncream layer of the society and placing them in academic career. The multilingual platform offered in the institution also aids significantly in achieving this objective and learners can slowly adept and get molded into the academic ambience of the campus. Following is a sampler of students from economically weaker backgrounds successfully placed in top academic and administrative jobs in the last academic year.

Provide the weblink of the institution

<http://www.maulanaazadcollegekolkata.ac.in/>

8.Future Plans of Actions for Next Academic Year

IT Infrastructure augmentation: In view with the increased stress on elearning courses such as MOOC, the college plans to open a new computer centre with internet facility and three new smart classroom enabled with video conferencing. ? The college has been awarded with the coveted STAR College Status by the Department of Biotechnology, Govt. of India, after five years of the inception of the scheme. This has greatly boosted the enrolment of the science students into higher education and ignited in them a passion for research. The college plans to open a new central instrument facility for high end research at the college for both students and faculty members. The college has active collaboration and MOUs with several NGOs and research institutions. It plans to initiate more collaboration in a view of extending its social outreach especially to school children of underprivileged areas. ? Subscriptions to more journal databases by the central library will be implemented. ? The college hopes to complete the Girl's hostel building with renovation of the Boy's hostel. ? In order to make the campus more ecofriendly, several initiatives are on the pipeline for implementation in the next academic year ? Replacement of old bulbs, air conditioners and electrical accessories with new power efficient ones. ? Complete revamp of the incampus gardens with plantation of more medicinal and ornamental plants. ? In order to make the campus more "Divyangan" friendly, plans for erection of dedicated washrooms and ramps have been initiated and will be sent for sanction. ? The rooftop annex of the Microbiology Department will be completed and made functional as soon as possible.