# Yearly Status Report - 2019-2020

| Part A | |
|---|---|
| **Data of the Institution** | |
| **1. Name of the Institution** | **DINABANDHU ANDREWS COLLEGE** |
| Name of the head of the Institution | **Dr. Somnath Mukhopadhyay** |
| Designation | **Principal** |
| Does the Institution function from own campus | **Yes** |
| Phone no/Alternate Phone no. | **03324304377** |
| Mobile no. | **9433526663** |
| Registered Email | **dacprincipal@gmail.com** |
| Alternate Email | **iqacseminar@dacollege.org** |
| Address | **54 Raja S.C. Mallick Road, Baishabghata, P.O. Garia, Kolkata, Pin-700084** |
| City/Town | **Kolkata** |
| State/UT | **West Bengal** |
| Pincode | **700084** |

## 2. Institutional Status

| | |
|---|---|
| Affiliated / Constituent | **Affiliated** |
| Type of Institution | **Co-education** |
| Location | **Semi-urban** |
| Financial Status | **state** |
| Name of the IQAC co-ordinator/Director | **Dr. Amitabha Roy** |
| Phone no/Alternate Phone no. | **03324301222** |
| Mobile no. | **9331026342** |
| Registered Email | **dacprincipal@gmail.com** |
| Alternate Email | **iqac@dacollege.org** |

## 3. Website Address

| | |
|---|---|
| Web-link of the AQAR: (Previous Academic Year) | [https://www.dacollege.org/uploads/pdfs/aqar-2018-19_new.pdf](https://www.dacollege.org/uploads/pdfs/aqar-2018-19_new.pdf) |

## 4. Whether Academic Calendar prepared during the year

| | |
|---|---|
| **4. Whether Academic Calendar prepared during the year** | **Yes** |
| if yes,whether it is uploaded in the institutional website: Weblink : | [https://www.dacollege.org/index.html](https://www.dacollege.org/index.html) |

## 5. Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | Validity Period From | Validity Period To |
|---|---|---|---|---|---|
| **1** | **B+** | **75.2** | **2007** | **10-Feb-2007** | **10-Feb-2012** |
| **2** | **B** | **2.37** | **2016** | **02-Dec-2016** | **02-Dec-2021** |

## 6. Date of Establishment of IQAC

**15-Jun-2011**

## 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 |

| Participation in NIRF | 20-Nov-2019 6 | 2440 |
|---|---|---|

L::asset('/'),'public/').'/public/index.php/admin/get_file?file_path='.encrypt('Postacc/Special_Status/'.$instdata->upload_special_status)}}

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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 |
|---|---|---|---|---|
| Dr. Swapna Mukhopadhyay, Department of Microbiology | Major Project | Department of Higher Education, W.B. | 2017 1095 | 524400 |
| **No Files Uploaded !!!** | | | | |

| **9. Whether composition of IQAC as per latest NAAC guidelines:** | **Yes** |
|---|---|
| Upload latest notification of formation of IQAC | [View Link](#) |
| **10. Number of IQAC meetings held during the year :** | **5** |
| The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website | **No** |
| Upload the minutes of meeting and action taken report | **No Files Uploaded !!!** |
| **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)**

• **Space for Gymnasium and Yoga Room • Contribution to Chief Ministers Relief Fund for Amphan Cyclone • Organize Relief Camp for the villagers of Deulbari Village of Sundarban (Approx 200 villagers) in collaboration of Department of Botany of this college • Introduction of Website Portal based Online Examination system during Lockdown Period • Introduction of online study materials for the students during Lockdown Period • Introduction of Google Meet/ Zoom platform for the online classes/ Seminars for students during Lockdown Period**

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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 |
|---|---|
| Institutional Collaboration | A few institutional collaboration. |
| Encouragement for the publication by faculty | Numerous faculty members have had their work published in a variety of peer-reviewed journals as research papers, reviews, or book chapters. |
| ICT integration for the purpose of teaching and learning | The online platform assisted in the launch of the teaching-learning system at the Mid of March. |
| Planning for One International Webinar of a World-Renowned Scientist Prof. Bruce Alberts | Department of Botany in Collaboration with IQAC has successfully organized this seminar on "Science, Biology and the World 's Future". Approximately four thousand participants took part in this webinar and made it a grand success. |
| To encourage various departments to host seminars at the state, national, and international levels | Department of Zoology & Commerce in collaboration with IQAC have organized separately one International Webinar on "Health Science & Human Diseases" and "Mental Health of Youth in the New Normal" respectively. Department of Political Science in collaboration with IQAC has organized separately one State-level Webinar on "The Need for a Strategic Culture in Indian Foreign Policy". Simultaneously Department of Commerce in collaboration with IQAC has organized another State-level Webinar on "Impact of COVID-19 on the Economy & Society". |
| Infrastructure development planning | Construction of the New Silver Jubilee Building is currently underway. |
| Planning for one Gymnasium and Yoga Room | One Gymnasium and Yoga have been established in the Silver Jubilee Building of the campus. |
| Planning for contribution of Ten Lakh to the Chief Ministers Relief Fund for Amphan Cyclone | The college administration has been decided to contribute a sum of rupees ten lakh to the Chief Minister's relief fund for the COVID affected people as a community relief work. |
| Planning for organising a relief camp for Amphan Cyclone affected villagers of Sunderban | Department of Botany in Collaboration with IQAC has organized one relief camp for that purpose. |
| No Files Uploaded !!! ||

| **14. Whether AQAR was placed before statutory body ?** | Yes |
|---|---|

| Name of Statutory Body | Meeting Date |
|---|---|
| Governing Body, Dinabandhu Andrews College | 10-Jan-2024 |

| | |
|---|---|
| **15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?** | No |
| **16. Whether institutional data submitted to AISHE:** | Yes |
| Year of Submission | 2020 |
| Date of Submission | 20-Mar-2020 |
| **17. Does the Institution have Management Information System ?** | Yes |
| If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words) | 1. Fully automation of office and accounts through remote access of the college website via CMS ERP system 2. Online admission process for students via CMS login 3. Online examination portal for the internal assessments and university exams for the students 4. Online evaluation system for the internal assessments and university exams for the faculty members 5. Online fee payment system for UG (Hons. General) and for P.G. students 6. SMS gateway for college internal stakeholders 7. Online salary and pension SYSTEM via HRMS 8. Online marks submission system for CBCS semester system 9. Regular uploading of significant notices on academic curriculum and tenders on the college website 10.Uploading of Academic calendar in college website 11. Uploading of yearly prospectus in college website. |

## 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

Dinabandhu Andrews College has implemented the following procedures to efficiently provide the curriculum to the students:- 1. At the beginning of each academic session, teachers are assigned syllabus subjects in departmental meetings. 2. At departmental meetings, teachers are assigned a class load based

on the requirements outlined in the CBCS for both UG and PG courses. 3. Together with department heads and other colleagues, teachers build individualised academic plans for each year or semester, based on the syllabus and available classes. 4. Taking into account the assigned syllabus and available classes in a session, teachers create their own individualised academic plans for each year or semester in cooperation with department heads and other colleagues. 5. The administration of the college keeps an eye on things to make sure that both teachers and students are following the schedule. 6. Departments schedule remedial and tutorial classes in accordance with need. 7. Under the guidance of their departmental teachers, students work on projects and dissertations. 8. A number of departments offer Educational Excursions and fieldwork. 9. Students are given appropriate instrumentation facilities in practical classes. 10. In addition to administering the Internal Assessment Test before to each semester's examination, departments regularly provide class examinations in order to assess students' progress in their academic studies. 11. The departments keep thorough records of all classes, student attendance and evaluations, project reports, and test results. The academic committee meets occasionally to review these records and come up with recommendations for how students might get better. 12. The conventional chalk-and-talk teaching approach is seamlessly combined with technology including presentation software, animations, and lecture films via LCD projectors for efficient knowledge distribution in the classroom. For homework, tests, and electronic resources, students engage with departmental professors' Google Classrooms. Google Meet and Zoom are widely used to take the online classes. 13. In order to help their students, particularly those who learn at a slower pace, teachers make sure that they have access to well-prepared study materials. 14. Students routinely take part in intra- and intercollege debate, quiz, extempore and science model competitions under the direction of departmental teachers. 15. Once a topic has been covered in depth, departmental teachers frequently encourage students to take part in group discussions. 16. Academically advanced students are encouraged to write articles for different journals of National and International Standard and give presentations at seminars/ conferences at university to national level. 17. Faculty members of various disciplines regularly take part in publication of various books/ book chapters/ articles in journals. 18. The principal and IQAC organise various intercollege faculty development programmes. 19. Faculty members participate in state, national, and international level seminars, workshops, symposiums, short-term courses, refresher courses, and orientation courses to improve their academic thinking and provide students up-do-date knowledge. 20. The central library and departmental libraries offer a good collection of textbooks and curriculum-aligned reference resources for students. 21.The college meets the demands of teachers and students by offering INFLIBNET access to e-books and e-journals.

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

## 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|---|---|---|
| No Data Entered/Not Applicable !!! | | |
| 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 CBCS | Programme Specialization | Date of implementation of CBCS/Elective Course System |
|---|---|---|
| BA | Bengali | 01/07/2019 |
| BA | English | 01/07/2019 |
| BA | History | 01/07/2019 |
| BA | Philosophy | 01/07/2019 |
| BA | Political Science | 01/07/2019 |
| BSc | Botany | 01/07/2019 |
| BSc | Zoology | 01/07/2019 |
| BSc | Microbiology | 01/07/2019 |
| BSc | Physics | 01/07/2019 |
| BSc | Chemistry | 01/07/2019 |
| BSc | Mathematics | 01/07/2019 |
| BSc | Geography | 01/07/2019 |
| BSc | Economics | 01/07/2019 |
| BSc | Electronics | 01/07/2019 |
| BA | Sanskrit | 01/07/2019 |
| BCom | Commerce | 01/07/2019 |
| BSc | Molecular Biology | 01/07/2019 |
| BSc(Sericulture) | Sericulture | 01/07/2019 |

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 |
|---|---|---|
| Nil | Nill | 0 |
|  | [View Uploaded File]() | |

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 | Botany | 62 |
| BSc | Zoology | 236 |
| MSc | Zoology | 51 |
| BSc | Sericulture | 10 |
| BSc | Geography | 22 |
|  | [View Uploaded File]() | |

## 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

| Students | No |
|---|---|
| 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 |
|---|
| **No Data Entered/Not Applicable !!!** |

## 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 | Bengali Hons. | 84 | 316 | 50 |
| BA | English Hons. | 70 | 920 | 44 |
| BA | History Hons. | 85 | 339 | 41 |
| BA | Philosophy Hons. | 85 | 114 | 52 |
| BA | Political Science Hons. | 85 | 238 | 55 |
| BSc | Physics Hons. | 80 | 320 | 37 |
| BSc | Chemistry Hons. | 80 | 316 | 42 |
| BSc | Mathematics Hons. | 80 | 478 | 46 |
| BSc | Economics Hons. | 75 | 95 | 21 |
| BSc | Electronics Hons. | 80 | 88 | 31 |
| [View Uploaded File]() | | | | |

### 2.2 – Catering to Student Diversity

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

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of fulltime teachers available in the institution teaching only UG courses | Number of fulltime teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|---|---|---|---|---|---|
| 2019 | 3806 | 166 | 95 | 0 | 95 |

### 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 | Number of | ICT Tools and | Number of ICT | Numberof smart | E-resources and |
|---|---|---|---|---|---|

| Teachers on Roll | teachers using ICT (LMS, e-Resources) | resources available | enabled Classrooms | classrooms | techniques used |
|---|---|---|---|---|---|
| 95 | 95 | 30 | 10 | 2 | 15 |
| View File of ICT Tools and resources | | | | | |
| View File of E-resources and techniques used | | | | | |

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

Since its founding, Dinabandhu Andrews College has catered to the needs of its students. An essential component of the Institutes pursuit of academic achievement is student mentoring. The following methods are used to manage the mentoring programme effectively. On the first day of classes, students receive dual orientation from the department head of education I to welcome them to the campus and reassure them that they are safe in a brand-new learning environment with unfamiliar people and surroundings, and (ii) to allay their fears and doubts about their topic of choice by outlining the opportunities and job prospects in their field. promoting communication between these two communities outside of the classroom in order to close the gap between educators and learners. improvement of the campus environment, allowing students to approach professors for both academic and individual advice. They receive information about the facilities, the policies and procedures of the college, and how to effectively oversee the University of Calcuttas academic offerings. The faculty members examine issues pertaining to stress, anxiety, depression, and social challenges in individual therapy sessions. At the college, university, and state levels, they are made aware of their cultural preferences and the value of engaging in extracurricular activities, sports, and cultural events. The College oversees many need-based scholarships, and faculties can utilise the Principals Welfare Fund in appropriate meetings to provide assistance to students. Therefore, the purpose of the mentorship programme is to encourage mentees to have an open and tolerant mindset as well as principles of social responsibility and womens empowerment.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|---|---|---|
| 3972 | 95 | 1:42 |

## 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 |
|---|---|---|---|---|
| 99 | 93 | 4 | 2 | 44 |

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

| Year of Award | Name of full time teachers receiving awards from state level, national level, international level | Designation | Name of the award, fellowship, received from Government or recognized bodies |
|---|---|---|---|
| 2020 | Dr. Joy Sarkar | Assistant Professor | Fellow of Linnean Society of London |
| View Uploaded File | | | |

## 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 |
|---|---|---|---|---|
| BCom | Honours | 2 Semester | 15/07/2019 | 30/09/2019 |

| | | | | |
|---|---|---|---|---|
| BSc | Honours | 2 Semester | 12/07/2019 | 30/08/2019 |
| BA | Honours | 2 Semester | 12/07/2019 | 30/08/2019 |
| BCom | General | 1 Semester | 13/01/2020 | 27/02/2020 |
| BSc | General | 1 Semester | 03/01/2020 | 11/02/2021 |
| BSc | Honours | 1 Semester | 16/12/2019 | 11/02/2020 |
| BA | Honours | 1 Semester | 16/12/2019 | 11/02/2020 |
| BCom | Honours | 1 Semester | 13/01/2020 | 27/02/2020 |
| BA | General | 1 Semester | 03/01/2020 | 11/02/2020 |
| BA | General | 2 Semester | 12/07/2019 | 30/08/2019 |

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

1. The college set up a Google workspace Business Plus plan for the teaching and non-teaching personnel throughout the pandemic to facilitate the seamless running of webinars, online classes, and meetings. 2. Since the college is affiliated with the University of Calcutta, the college does not have the authority to alter the examination regulation. The college is involved with UGBOS in the ongoing process of developing new methods of internal assessment to accommodate updated course offerings and testing procedures. For that reason, the college has procured an online examination portal from a third party to administer university and internal exams.

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

The Academic calendar was prepared at the beginning of academic session 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. All of the colleges annual events, including holidays (both national and state as well as local and institutional), test dates, and other types of evaluation (such as those based on students performances in departmental seminars, webinars), are detailed in the academic calendar. All additional college activities, including sports and cultural events, are also outlined in the academic calendar in relation to the academic ones.

## 2.6 – Student Performance and Learning Outcomes

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

[https://www.dacollege.org/](https://www.dacollege.org/)

**2.6.2 – Pass percentage of students**

| Programme Code | Programme Name | Programme Specialization | Number of students appeared in the final year examination | Number of students passed in final year examination | Pass Percentage |
|---|---|---|---|---|---|
| BOTA | BSc | HONOURS | 43 | 38 | 88.37 |
| CEMA | BSc | HONOURS | 54 | 51 | 94.44 |
| ECOA | BSc | HONOURS | 16 | 12 | 75 |
| ELTA | BSc | HONOURS | 17 | 15 | 88.24 |

| | | | | | |
|---|---|---|---|---|---|
| GEOA | BSc | HONOURS | 22 | 22 | 100 |
| MCBA | BSc | HONOURS | 33 | 33 | 100 |
| MTMA | BSc | HONOURS | 70 | 68 | 97.14 |
| PHSA | BSc | HONOURS | 40 | 40 | 100 |
| ZOOA | BSc | HONOURS | 29 | 29 | 100 |
| SRTV | BSc | HONOURS | 4 | 4 | 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)

Nil

# 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 |
|---|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | | |

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## 3.2 – Innovation Ecosystem

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

| Title of workshop/seminar | Name of the Dept. | Date |
|---|---|---|
| Nil | Nil | |

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

| Title of the innovation | Name of Awardee | Awarding Agency | Date of award | Category |
|---|---|---|---|---|
| Fellow of Royal Society of London | Joy Sarkar | The Linnean Society of London | 22/10/2020 | Royal Fellow |

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

| Incubation Center | Name | Sponsored By | Name of the Start-up | Nature of Start-up | Date of Commencement |
|---|---|---|---|---|---|
| Nil | Nil | Nil | Nil | Nil | Nill |

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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 |
|---|---|

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

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 | Department of Mathematics | 7 | 5.56 |
| International | Department of Chemistry | 6 | 2.26 |
| International | Department of Botany | 2 | 2.72 |
| International | Department of Microbiology | 9 | 0.16 |
| International | Department of Economics | 2 | 0 |
| International | Department of History | 1 | 0 |
| International | Department of Zoology | 2 | 8.8 |
| International | Department of Geography | 6 | 2.51 |

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

| Department | Number of Publication |
|---|---|
| Department of Commerce | 6 |
| Department of Geography | 3 |
| Department of Economics | 1 |

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

| Title of the Paper | Name of Author | Title of journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
|---|---|---|---|---|---|---|
| Estimation of growth regulation in natural populations by extended family of growth curve models with fractional | Tridip Sardar | Ecological Informatics | 2019 | 6.1 | Dinabandhu Andrews College | 6 |

| | | | | | | |
|---|---|---|---|---|---|---|
| order deri vative: Case studies from the global population dynamics database. | | | | | | |
| Impact of adult mosquito control on dengue prevalence in a multi- patch setting: A case study in Kolkata (2014–2015 ) | Tridip Sardar | Journal of Theoret ical Biology | 2019 | 4.9 | Dinabandhu Andrews College | 14 |
| A realistic two-strain model for MERS-CoV infection uncovers the high risk for epidemic p ropagation | Tridip Sardar | PLoS Negl Trop Dis | 2020 | 6.8 | Dinabandhu Andrews College | 29 |
| An open challenge to advance probabilis tic foreca sting for dengue epidemics. | Tridip Sardar | Proceedi ngs of the National Academy of Sciences | 2019 | 11.1 | Dinabandhu Andrews College | 145 |
| Bio- mimetic of catecholas e and phos phatase activity by a tetra- iron(III) cluster | Madhusudan Shit | Polyhedron | 2019 | 5.4 | Dinabandhu Andrews College | 26 |
| Arsenic- induced im munomodula tory effects disorient | Joydeep Das | Chemosph ere | 2020 | 13.3 | Dinabandhu Andrews College | 18 |

| | | | | | | |
|---|---|---|---|---|---|---|
| the surviv al-death interface by stabili zing the H sp90/Becli n1 interac tion | | | | | | |
| Green sy nthesized copper oxide nano particles ameliorate defence and antiox idant enzymes in Lens culinaris. | Joy Sarkar | Nanomate rials | 2020 | 5.4 | Dinabandhu Andrews College | 107 |
| An assessment on the rel ationship between land surface te mperature and normalized difference vegetation index | Subhonil Guha | Environm ent, Devel opment and Sustainabi lity | 2020 | 3.8 | Dinabandhu Andrews College | 100 |
| Memory response on thermoe lastic def ormation in a solid half-space with a cyl indrical hole | Soumen Shaw | Mechanics Based Design of Structures and Machines | 2019 | 6 | Dinabandhu Andrews College | 11 |
| The role of methyl and benzyl substitute d dithioca rbazate of 2-acetyl pyridine for the formation of bridged dimeric and | Chandana Pramanik | Polyhedron | 2020 | 5.4 | Dinabandhu Andrews College | 3 |

| unbridged monomeric copper (II) complexes and catech olase mimetic activity of the complexes. | | | | | | |
|---|---|---|---|---|---|---|
| [View Uploaded File](#) | | | | | | |

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

| Title of the Paper | Name of Author | Title of journal | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication |
|---|---|---|---|---|---|---|
| Estimation of growth regulation in natural population s by extended family of growth curve models with fractional order deri vative: Case studies from the global population dynamics database. | Tridip Sardar | Ecological Informatic s | 2019 | 12 | 6 | Dinabandhu Andrews College |
| Green sy nthesized copper oxide nano particles ameliorate defence and antiox idant enzymes in Lens culinaris. | Joy Sarkar | Nanomate rials | 2020 | 22 | 107 | Dinabandhu Andrews College |
| Bio- mimetic of catecholas | Madhusudan Shit | Polyhedron | 2019 | 8 | 26 | Dinabandhu Andrews |

| | | | | | | |
|---|---|---|---|---|---|---|
| e and phos phatase activity by a tetra-iron(III) cluster | | | | | | College |
| Memory response on thermoe lastic def ormation in a solid half-space with a cyl indrical hole | Soumen Shaw | Internat ional Journal for Comput ational Methods in Engineerin g Science and Mechanics | 2019 | 12 | 11 | Dinabandhu Andrews College |
| The role of methyl and benzyl substitute d dithioca rbazate of 2-acetyl pyridine for the formation of bridged dimeric and unbridged monomeric copper (II) complexes and catech olase mimetic activity of the complexes. | Chandana Pramanik | Polyhedron | 2020 | 4 | 3 | Dinabandhu Andrews College |
| Rhodium( III) supported amination reaction of a pendant naphthyl group: Structure, electroche mistry and theoretica l interpre tation | Dibakar Sardar | Polyhedron | 2019 | 8 | 3 | Dinabandhu Andrews College |
| An Ecofr | Tanmay | Journal | 2020 | 4 | 0 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| iendly management of seed borne mycoflora of Mustard (Brassica sp.) through Botanicals and determination of antifungal activity by SEM | Ghosh | of Critical Reviews | | | | Dinabandhu Andrews College |
| An open challenge to advance probabilistic forecasting for dengue epidemics. | Tridip Sardar | Proceedings of the National Academy of Sciences | 2019 | 12 | 145 | Dinabandhu Andrews College |
| A thermo dynamic analysis of an enhanced theory of heat conduction model: Extended influence of finite strain and heat flux. | Soumen Shaw | International Journal of Engineering Science | 2020 | 12 | 7 | Dinabandhu Andrews College |
| Polysaccharide capped antibacterial silver nanoparticles synthesis using green chemistry | Joy Sarkar | Journal of Nano and Biomaterials | Nill | 22 | 0 | Dinabandhu Andrews College |
| [View Uploaded File](#) | | | | | | |

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

| Number of Faculty | International | National | State | Local |
|---|---|---|---|---|
| **No Data Entered/Not Applicable !!!** | | | | |
| **No file uploaded.** | | | | |

## 3.4 – Extension Activities

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

| Title of the activities | Organising unit/agency/ collaborating agency | Number of teachers participated in such activities | Number of students participated in such activities |
| --- | --- | --- | --- |
| Army Attachment Camp | NCC | 0 | 10 |
| All India Shivalik Trekking Expedition | NCC | 0 | 1 |
| Combined Annual Training Camp | NCC | 0 | 16 |
| Independence Day Celebration | NCC | 10 | 80 |
| Combined Annual Training Camp | NCC | 0 | 5 |
| EK BHARAT SHRESHTHA BHARAT-1 | NCC | 0 | 2 |
| Tree Plantation | NCC | 1 | 20 |
| Swachha Bharat Aviyan | NCC | 0 | 20 |
| Yoga Day | NCC | 0 | 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 |

View File

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

| Name of the scheme | Organising unit/Agency/collaborating agency | Name of the activity | Number of teachers participated in such activites | Number of students participated in such activites |
| --- | --- | --- | --- | --- |
| Nil | NIl | Nil | 0 | 0 |

View File

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

View File

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 | Duration From | Duration To | Participant |
| --- | --- | --- | --- | --- | --- |

| Nil | Nil | Nil | Nill | Nill | 0 |
|---|---|---|---|---|---|

View File

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 |
|---|---|---|---|
| Raidighi College | 23/12/2020 | Academic and Quality Initiative Programme | 10 |

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# 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 |
|---|---|
| 117.6 | 21201159 |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|---|---|
| Campus Area | Existing |
| Class rooms | Existing |
| Laboratories | Existing |
| Seminar Halls | Existing |
| Seminar halls with ICT facilities | Existing |
| Value of the equipment purchased during the year (rs. in lakhs) | Newly Added |
| Classrooms with Wi-Fi OR LAN | Existing |

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## 4.2 – Library as a Learning Resource

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

| Name of the ILMS software | Nature of automation (fully or patially) | Version | Year of automation |
|---|---|---|---|
| SOUL | Fully | 2.0 | 2019 |

4.2.2 – Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
|---|---|---|---|---|---|---|
| Text Books | 32099 | 1067785 | 0 | 0 | 32099 | 1067785 |
| Reference | 0 | 0 | 0 | 0 | 0 | 0 |

| Books | | | | | | |
|---|---|---|---|---|---|---|
| e-Books | 3135000 | 5900 | 0 | 0 | 3135000 | 5900 |
| Journals | 45 | 80475 | 0 | 0 | 45 | 80475 |
| e-Journals | 6000 | 0 | 0 | 0 | 6000 | 0 |
| Digital Database | 1 | 0 | 0 | 0 | 1 | 0 |
| CD & Video | 75 | 0 | 0 | 0 | 75 | 0 |
| Others(specify) | 5 | 9125 | 0 | 0 | 5 | 9125 |

View File

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives &amp; 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 |
|---|---|---|---|
| Nil | Nil | Nil | Nill |

View File

## 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 | 101 | 23 | 33 | 22 | 11 | 19 | 47 | 50 | 5 |
| Added | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 101 | 23 | 33 | 22 | 11 | 19 | 47 | 50 | 5 |

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 |
|---|---|
| Nil | Nil |

## 4.4 – Maintenance of Campus Infrastructure

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

| Assigned Budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurredon maintenance of physical facilites |
|---|---|---|---|
| 4177500 | 17097947 | 405313 | 405313 |

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)

| NIL |
| :---: |
|  |

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

5.1.1 – Scholarships and Financial Support

|  | Name/Title of the scheme | Number of students | Amount in Rupees |
| :---: | :---: | :---: | :---: |
| Financial Support from institution | Nil | 0 | 0 |
| Financial Support from Other Sources |  |  |  |
| a) National | Financial support from other sources like Kanyasree, Post Matric Scholarship to SC, ST and OBC, Chief Ministers Relief Fund (Nabanna), Swami Vivekananda, Swami Vivekananda Merit cum Means Scholarship for Minorities | 463 | 5085000 |
| b)International | Nill | Nill | Nill |
| [View File](#) | | | |

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

| Name of the capability enhancement scheme | Date of implemetation | Number of students enrolled | Agencies involved |
| :---: | :---: | :---: | :---: |
| Nil | Nill | 0 | Nil |
| [View File](#) | | | |

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

| Year | Name of the scheme | Number of benefited students for competitive examination | Number of benefited students by career counseling activities | Number of students who have passedin the comp. exam | Number of studentsp placed |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2019 | Nil | 0 | 0 | 0 | 0 |
| 2020 | NIl | 0 | 0 | 0 | 0 |
| [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 | 0 |
|---|---|---|

## 5.2 – Student Progression

### 5.2.1 – Details of campus placement during the year

| On campus | | | Off campus | | |
|---|---|---|---|---|---|
| Nameof organizations visited | Number of students participated | Number of stduents placed | Nameof organizations visited | Number of students participated | Number of stduents placed |
| Nil | 0 | 0 | Nil | 0 | 0 |

View File

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

| Year | Number of students enrolling into higher education | Programme graduated from | Depratment graduated from | Name of institution joined | Name of programme admitted to |
|---|---|---|---|---|---|
| 2020 | 15 | B.A. | Bengali | University of Calcutta | M.A |
| 2020 | 20 | B.A. | History | University of Calcutta | M.A |
| 2020 | 6 | B.A. | Political Science | University of Calcutta | M.A |
| 2020 | 10 | B.Sc | Botany | University of Calcutta | M.Sc |
| 2020 | 8 | B.Sc | Economics | University of Calcutta | M.Sc |
| 2020 | 5 | B.Sc | Electronics | University of Calcutta | M.Sc |
| 2020 | 30 | B.Sc | Microbiology | University of Calcutta | M.Sc |
| 2020 | 16 | B.Sc | Physics | University of Calcutta | M.Sc |
| Nill | 20 | B.Sc | Zoology | University of Calcutta | M.Sc |

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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 |
|---|---|
| Nill | 0 |

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

| Activity | Level | Number of Participants |
|---|---|---|
| No Data Entered/Not Applicable !!! | | |
| 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 |
|---|---|---|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | | | | |
| No file uploaded. | | | | | | |

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

Student Union is the voice of all students and it works throughout the year for the general interest and welfare of the students. Student Union organises various activities including Freshers' Welcome, Student Feast, Saraswati Puja and Annual sports. Student Union also plays important role in the admission process. The student representatives from the members of the Student Union are present in various academic and administrative bodies of the college to give their valuable opinion on different matters regarding the overall development of the institution.

## 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

No Data Entered/Not Applicable !!!

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

No Data Entered/Not Applicable !!!

5.4.4 – Meetings/activities organized by Alumni Association :

No Data Entered/Not Applicable !!!

## 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 mission of the organization is to embrace, uplift, and innovate. Its overarching goal is to foster a passion for learning and deliver high-quality education to students from all walks of life. This guarantees that every person develops into an integrated individual with the information and abilities to meet new challenges. Section supervisors oversee the administration of both day and morning sections. Key administrative responsibilities within the college are administered by a few subcommittees, which are comprised of students, teaching and non-teaching staff, and representatives from several departments. Creation of several subcommittees overseen by the IQAC with members drawn from all college stakeholders to coordinate the colleges major academic initiatives. Introduction of College Management Software (CMS) to handle all tasks that can be completed by authorized college personnel, such as online admission, online verification, online payment of various fees (such as admission fees, tuition fees, examination fees and, university registration etc.), online account maintenance, etc. To support students learning throughout the COVID-19 crisis, a useful Learning Management System (LMS) was implemented.

| 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 | Student admission: Admission to this institution is solely based on merit, ensuring fairness and transparency throughout the process. The admission process is conducted entirely online to maintain transparency and accessibility. An admission committee comprising teachers oversees the entire admission process. Prior to the commencement of online form submissions, notifications are published on the institutions website. Typically, this occurs within one week following the publication of results by major education boards across India. Once online applications are received from prospective students, a merit list is promptly displayed online based on the marks obtained. Students are then required to complete their admission online by submitting the necessary fees electronically. This streamlined process aims to minimize inconvenience for students and ensure a hassle-free admission experience. Overall, the institutions commitment to merit-based admissions and online procedures underscores its dedication to fairness, accessibility, and efficiency in the admission process. |
| Curriculum Development | The college is affiliated to the University of Calcutta and follows its curricula and Examination guidelines. The college has started the CBCS system from this year abiding by the instructions of the university. The course structure and the syllabus were supplied by the university. The university has a different set of Board of Studies (BoS) for the different subjects, which design the syllabus of the core courses (CC), the generic electives (GE), the discipline specific electives (DSE), the ability enhancement compulsory courses (AECC), skill enhancement elective courses (SEC) for all the courses. Out of them our college offers the subjects like English, Bengali, History, Philosophy and Political Science in humanities as |

| | |
|---|---|
| | core options or honours courses. In science, college provides core options or honours courses in Physics, Chemistry, Mathematics, Electronics, Botany, Zoology, Microbiology, Sericulture (Major), Economics and Geography. In Commerce, Accounting and Finance is offered as the core subject or Honours course. In Humanities Sanskrit is taught as General or Elective subjects, whereas, in Science, Molecular Biology is taught as General or Elective subjects. |
| Teaching and Learning | In addition to College Management Software all the Departments of the college have pioneered in starting online classes during COVID-19 Pandemic. The Departments also supported students by providing online study material through the Learning Management System (LMS) portal. Informally the notes were also shared in the WhatsApp group of the students. Students' webinars are organized, along with online classes. Tutorials and class tests are taken online. |
| Examination and Evaluation | Amidst the challenging circumstances of the pandemic, the college swiftly transitioned its examination processes to an online format, ensuring continuity in academic assessments while prioritizing the safety and well-being of students. Utilizing online platforms, students were able to take their examinations remotely from the comfort and safety of their homes, eliminating the need for physical attendance at the college premises. Moreover, the evaluation of these examinations was also conducted online by dedicated teachers, who employed digital tools and platforms to assess student performance efficiently and accurately. This approach not only facilitated the timely completion of assessments but also provided flexibility and convenience to both students and faculty members. Importantly, by embracing technology and innovation, the college demonstrated its commitment to adapting to changing circumstances while ensuring the continuation of academic rigor and integrity. Overall, the seamless transition to online examinations and evaluation mechanisms underscores the colleges resilience and |

| | |
|---|---|
| | adaptability in navigating unprecedented challenges, while upholding academic standards and ensuring the safety of its students and staff members. |
| Research and Development | The college regularly organizes national and state-level conferences, lecture series, and seminars across various departments to acquaint students with the latest findings and deepen their understanding of their respective subjects. These events serve as platforms for students to engage with cutting-edge research and emerging trends in their fields. Under the proactive encouragement of the college authority, faculty members are motivated to undertake both minor and major research projects. As a result of this encouragement, the Department of Microbiology is currently overseeing a significant research endeavour. Furthermore, the college actively supports faculty members in participating in national and international seminars, conferences, and workshops. This support extends both directly through funding and indirectly through facilitating academic exchanges and collaborations. Such engagements not only enrich the professional development of faculty members but also contribute to the overall academic enrichment of the institution. By fostering a culture of research and scholarly engagement, the college underscores its commitment to academic excellence and the pursuit of knowledge advancement in both local and global contexts. These initiatives reflect the institutions dedication to nurturing a vibrant academic community and promoting lifelong learning among its faculty and students alike. |
| Library, ICT and Physical Infrastructure / Instrumentation | Our college offers a comprehensive array of Library, ICT, and infrastructural facilities, accessible during and sometimes beyond college hours. A library committee, comprising the Principal, Bursar, Librarian, and other faculty members, oversees various activities, from introducing new library software to recommending book purchases and curriculum changes. We have implemented the dedicated Library software SOUL for automation, resulting in cost reduction and improved |

| | |
|---|---|
| | accessibility for library staff, teachers, and students. Additionally, the library provides various ICT tools such as photocopiers, scanners, and printers, along with Wi-Fi connectivity. Moreover, we have established a browsing centre in the library and 21 more in different departments. Our college subscribes to NLIST by INFLIBNET, facilitating access to e-journals and e-books. Furthermore, we hold institutional membership with the British Council Library, and our college library maintains a dedicated webpage for student access. Additionally, the library boasts a diverse repository of magazines, e-books, videos, and CDs, accessible to both faculty and students during library hours. With over 101 computers and availability of Smart classroom, our college is well-equipped for modern teaching methods. Weve established a Local Area Network (LAN) and offer two seminar rooms with high-fidelity acoustics for PG students. Additionally, our science department laboratories boast modern equipment. The colleges infrastructure is further enhanced with amenities like a canteen, medical room, separate common rooms for boys and girls, and an indoor games hall. Grants are allocated based on departmental needs, scrutinized to ensure optimal resource allocation. |
| Human Resource Management | The college aims to maximize the utilization of its personnel resources by encouraging active participation from all faculty members in various campus events. To facilitate smooth college operations, a range of subcommittees, comprising both teaching and non-teaching staff, have been established. Faculty members are strongly encouraged to engage in orientation programs and refresher courses to enhance their skills and stay updated with the latest developments in their fields. This proactive approach ensures that faculty members are equipped to provide high-quality education and support to students. In response to the epidemic, the college has prioritized regular student counselling services. The psychological counselling unit organizes webinars and other online sessions to provide support and |

| | guidance to students facing challenges during these unprecedented times. This comprehensive approach underscores the colleges commitment to the holistic well-being of its students and underscores its dedication to fostering a supportive and nurturing learning environment. |
|---|---|
| Industry Interaction / Collaboration | There are frequent industry and educational visits in several laboratory-based disciplines. In addition to the Internal Quality Assurance cell, other cells are set up to meet stakeholder needs. These cells encompass the Training and Placement cell, among others. |

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

| E-governace area | Details |
|---|---|
| Planning and Development | The planning and development responsibilities are carried out by the Governing Body, the IQAC, and the Academic Sub-Committee. Our college operates a dedicated website that serves various purposes, complemented by connected apps and pages tailored to our specific needs. Students stay connected through WhatsApp groups, which serve as platforms for sharing information and updates relevant to their academic and extracurricular activities. Additionally, the college utilizes SMS services to disseminate important information to all stakeholders efficiently. These communication channels help ensure effective communication and coordination among students, faculty, and other members of the college community. These online resources facilitate seamless processes such as accessing university examination results, uploading marks to the university portal, searching for books in the library by title or author name, managing the admission process, and assigning invigilation duties. These tasks can be conveniently completed with a simple click of the mouse, thanks to the detailed information available through the various links on our website www.dacollege.org. |
| Administration | The college efficiently receives university information via a dedicated university portal, which is then disseminated to students through the college website. Grants for equipment |

| | | and books procurement from central/state government agencies are acquired through the e-tender process. Notifications regarding academic and administrative programs are communicated to stakeholders via ICT channels. Email correspondence is utilized for coordinating upcoming meetings with governing body members. Moreover, the college hosts a web server housing the College Management Software (CMS). The primary objective of this initiative is to develop and implement software solutions that generate detailed reports for effective college administration, ensuring accuracy, consistency, and timeliness. |
| --- | --- | --- |
| | Finance and Accounts | The Finance and Accounts department meticulously adheres to defined functions and employs stringent accounting practices to maintain accurate financial records. Using TALLY ERP9 software, the department meticulously documents every financial transaction, including receipt of funds, project expenditures, purchases, and payments of various utility bills. By leveraging TALLY ERP9 and CMS, the department ensures comprehensive record-keeping and efficient management of financial data. This systematic approach enables precise tracking of financial activities, enhances transparency, and facilitates effective decision-making processes within the organization. Establishing a robust database containing all relevant student activities, both academic and non-academic, is imperative. Furthermore, retirement-related documents are submitted through the e-pension portal, simplifying the retirement process for eligible staff members. These digital initiatives enhance operational efficiency and contribute to the effective management of college resources and personnel. |
| | Student Admission and Support | i. To streamline the admissions process for potential students, a fully online system has been implemented. ii. Regular fees easily paid by students online, improving the accessibility and efficiency of financial activities. With the use of fees management software, the banks student fee collecting strategy for both undergraduate and graduate students is |

| | effectively executed. iii. The college has an entirely computerized database of students, guaranteeing thorough and well-organized record-keeping. iv. Departmental WhatsApp groups promote cooperation and support by enabling smooth contact between teachers and students. v. The Library Sub-Committee has decided unanimously to shift Library Management Information System to a Library Software 'SOUL' to make it a standardized one. OPAC (On-line Public Access Catalogue) are used by the student and faculty members along with the traditional library catalogue. vi. The college offers extensive support to students, encompassing both financial assistance and psychological support. Various forms of aid are accessible to students, including the Student's Aid Fund, Kanyasree Prakalpa, Vivekananda Merit-cum-means scholarship, and SC/ST scholarships. |
|---|---|
| Examination | Adhering to the system established by the University of Calcutta, our college seamlessly transitioned to online procedures during the pandemic. Students were relieved of the need to physically visit the college to submit answer scripts, with submissions facilitated entirely online. Furthermore, the process of question paper submission was streamlined through the Learning Management System (LMS). Marks were submitted online, leading to the efficient declaration of results. Additionally, a dedicated portal was established for the smooth conduct of online semester-end examinations during the pandemic period, ensuring continuity in academic evaluations. |

## 6.3 – Faculty Empowerment Strategies

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

| Year | Name of Teacher | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|---|---|---|---|---|
| Nill | Nil | Nil | Nil | 0 |
| [View File](#) | | | | |

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

| Year | Title of the | Title of the | From date | To Date | Number of | Number of |
|---|---|---|---|---|---|---|

| | professional development programme organised for teaching staff | administrative training programme organised for non-teaching staff | | | participants (Teaching staff) | participants (non-teaching staff) |
|---|---|---|---|---|---|---|
| Nill | Nil | Nil | Nill | Nill | Nill | Nill |

View File

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

| Title of the professional development programme | Number of teachers who attended | From Date | To date | Duration |
|---|---|---|---|---|
| Orientation Programme | 1 | 26/08/2019 | 16/09/2019 | 21 |
| Short Term Course | 1 | 05/11/2019 | 11/11/2019 | 07 |
| Refresher Course | 1 | 20/08/2019 | 02/09/2019 | 14 |
| Orientation Programme | 1 | 30/08/2019 | 20/09/2019 | 22 |
| Refresher Course | 1 | 02/07/2019 | 15/07/2019 | 14 |
| Refresher Course | 1 | 09/12/2019 | 21/12/2019 | 13 |
| Refresher Course | 1 | 26/08/2019 | 09/09/2019 | 14 |
| Orientation Programme | 1 | 03/02/2020 | 24/02/2020 | 20 |
| Refresher Course | 1 | 03/01/2020 | 16/01/2020 | 14 |
| Short Term Course | 1 | 12/03/2020 | 18/03/2020 | 07 |

View File

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

| Teaching | | Non-teaching | |
|---|---|---|---|
| Permanent | Full Time | Permanent | Full Time |
| 2 | 26 | 0 | 0 |

6.3.5 – Welfare schemes for

| Teaching | Non-teaching | Students |
|---|---|---|
| Being a Governmentaided institution, all employees enjoy the privilege of Government Health Scheme Sasthya Sathi Programme• Loans from GPF very easily made | Being a Governmentaided institution, all employees enjoy the privilege of Government Health Scheme Sasthya Sathi Programme. Loans from GPF very easily made | Students were encouraged to apply for Kanyashree scheme (K1) and (K2) of the Government of West Bengal. Economically weaker students are given |

| available through single window service of Principal's Office. • Medical Leave • Maternity Leave • CCL available at Principal's discretion. • Staff Cooperative fund is also available for the teaching staff. | available through single window service of Principal's Office. • Medical Leave • Maternity Leave • CCL available at Principal's discretion. Staff Cooperative fund is also available for the teaching staff. | support to apply for Vivekananda Merit Scholarship. The college has also helped the economically weaker students by giving financial support from the students' welfare fund of the college. Apart from that Post Matric Scholarship to SC, ST and OBC students, Chief Ministers Relief Fund (Nabanna), WBMDFC Post Matric Scholarship, West Bengal Govt. Merit Cum Means Scholarship, Swami Vivekananda Merit cum Means Scholarship for Minorities are also available for the students. |

## 6.4 – Financial Management and Resource Mobilization

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

Internal and external financial audits are performed by the institution on a regular basis. The college is a government-aided institution and the financial audit is conducted by the external auditor appointed by the Higher Education Department, Govt. of West Bengal. The resource generated is being utilized in the development of infrastructure, library book, laboratory equipment, sports articles etc.

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 |
| --- | --- | --- |
| Nil | 0 | Nil |
| [View File](#) | | |

6.4.3 – Total corpus fund generated

| 20342863 |
| --- |

## 6.5 – Internal Quality Assurance System

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

| Audit Type | External | | Internal | |
| --- | --- | --- | --- | --- |
| | Yes/No | Agency | Yes/No | Authority |
| Academic | No | Nill | No | Nill |
| Administrative | No | Nill | No | Nill |

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

1. At the beginning of every academic year, first-year students and their parents are informed about the academic program and various student support services. 2. Every department organises meeting with parents to discuss the performance of students. 3. The valuable suggestions of parents are forwarded

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

| Nil |
| --- |

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

| 1. Construction of new building –details required. 2. Upgradation of Library following the previous year's NAAC suggestion 3. The use of ICT by the faculty members in the teaching-learning process has been increased. 4. Renovation of girl's washroom. |
| --- |

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC | Date of conducting IQAC | Duration From | Duration To | Number of participants |
| --- | --- | --- | --- | --- | --- |
| 2019 | Nil | Nill | Nill | Nill | 0 |

| View File |
| --- |

## 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 |
| Nil | Nill | Nill | 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 |
| --- |
| 1. Substantial use of Solar Energy as part of our Green Initiative as well as renewable energy source. 2. Classrooms with adequate natural light and ventilation. 3. Proper maintenance of the plants of the college campus which contributes to its pleasant beauty. 4. Departments of Botany, Zoology and Sericulture conduct ecological research on a regular basis by going on field trips. 5. Deferent Green Zones have been maintained in the college campus. 6. The college campus is rich in biodiversity with at least 60 types of medicinal plant species, 37 types of shrubs and trees and 24 types of animals. 7. Conducting a green audit annually to evaluate environmental concerns. 8. The college grounds are strictly enforced as a no-plastic zone. 9. The majority of the lights on campus use LEDs. |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
| --- | --- | --- |
| Provision for lift | No | 0 |
| Ramp/Rails | Yes | 5 |

| Braille Software/facilities | Yes | 1 |
|---|---|---|
| Rest Rooms | Yes | 25 |
| Scribes for examination | Yes | 1 |
| Special skill development for differently abled students | No | 0 |
| Any other similar facility | Yes | 10 |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date | Duration | Name of initiative | Issues addressed | Number of participating students and staff |
|---|---|---|---|---|---|---|---|
| **No Data Entered/Not Applicable !!!** | | | | | | | |
| View File | | | | | | | |

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

| Title | Date of publication | Follow up(max 100 words) |
|---|---|---|
| Code of Conduct for Principal | 23/07/2019 | At a plenary session, the code of conduct was republished. |
| Code of Conduct for Governing Body | 23/07/2019 | At a plenary session, the code of conduct was republished. |
| Code of Conduct for Teachers | 23/07/2019 | At a plenary session, the code of conduct was republished and thoroughly explained to both teaching and non-teaching staff. Each participant was also given a copy of the revised code. |
| Code of Conduct for Non-Teaching | 23/07/2019 | At a plenary session, the code of conduct was republished and thoroughly explained to both teaching and non-teaching staff. Each participant was also given a copy of the revised code. |
| Code of Conduct for Librarians | 23/07/2019 | At a plenary session, the code of conduct was republished. |

| Code of Conduct for Students | 23/07/2019 | There is constant reminders to the students and guardians to abide by the values stated in the code of conduct. |
|---|---|---|

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|---|---|---|---|
| One day International Webinar on Mental Health of Youth in the New Normal (Joint venture of IQAC and Department of Commerce). | 10/08/2020 | 10/08/2020 | 87 |

View File  View File  View File  View File  View File

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

1. Solar Energy Conservation 2. Plantation of trees by the roadside of the pond 3. Maintenance of Medicinal Garden, College Trees and Shrubs 5. For generating environmental awareness among the students, the college encourages the students to participate in the process of developing one project on environmental sustenance 6. Students, staff using a) Bicycles b) Public Transport c) Pedestrian-friendly roads 7. Plastic-free campus 8. Paperless office 9. Green landscaping with trees and plants 10. Rain Water Harvesting System

## 7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Establishment of a staff canteen 2. Establishment of a teachers' reading cum conference room 3. Maintenance of separate Boys' Girls' toilets in each floor 4. Arrangement of one food festival programme by the Department of Microbiology 5. Donation of Rs. 100000/- (Rupees ten lakh) in West Bengal State Emergency Relief Fund 2020 from college development fund for the betterment of Amphan Cyclone affected people of West Bengal. 6. Arrangement of Covid Vaccination camp in college campus 7. Perform one Corona Awareness Campaign 8. Perform one public health awareness camp in collaboration with Raidighi College 9. Celebrating Yoga Day within the college campus 10. Distribution of relief to the Cyclone "Amphan" affected people of Sundarban areas by the Department of Botany

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

https://www.dacollege.org/insbp.html

## 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

Donation of Rs. 100000/- (Rupees ten lakh) in West Bengal State Emergency Relief Fund 2020 from college development fund for the betterment of Amphan Cyclone affected people of West Bengal Distribution of relief to the Cyclone "Amphan" affected people of Sundarban areas by the Department of Botany

Provide the weblink of the institution

https://www.dacollege.org

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

1. To continue construction of the new academic building on the proposed site 2. To complete the Centralized Server-based networking 3. To computerize the students' database 4. To continue the process of complete online fee collection and to implement the same in a phased manner. 5. To continue the work of digitization of the library and other documents. 6. To save energy use of maximum number of LED lights. 7. Create e-book system for easy access in library.