

## Academic Audit

**Name of the Institute : Dinabandhu Andrews College**

**Date : 22.05.2023**

**Name, Designation and Address of Academic Audit Experts:**

1. Prof. (Dr.) Manas Kabi, Principal, Asutosh College, 92, Shyama Prasad Mukherjee Rd, Jatin Das Park, Patuapara, Bhowanipore, Kolkata, West Bengal 700026.
2. Prof. (Dr.) Ramkrishna Prasad Chakraborty, Principal, K.K. Das College, GRH-17, Baishnabghata Patuli, Garia, Kolkata-700084.
3. Prof. (Dr.) Somnath Mukhopadhyay, Principal, Dinabandhu Andrews College, 54 Raja S.C. Mallick Road, P.O. Garia, Kolkata-700084.

**Members of Staff Present:**

1. Dr. Joy Sarkar, Governing Body Member & Co-Ordinator, IQAC, Dinabandhu Andrews College, 54 Raja S.C. Mallick Road, P.O. Garia, Kolkata-700084.
2. Mrs. Nabanita Chatterjee, Governing Body Member & Convenor, Academic Sub-Committee, Dinabandhu Andrews College, 54 Raja S.C. Mallick Road, P.O. Garia, Kolkata-700084.
3. Dr. Rajesh Bera, Governing Body Member, Dinabandhu Andrews College, 54 Raja S.C. Mallick Road, P.O. Garia, Kolkata-700084.
4. Dr. Dibakar Sardar, Secretary, Teachers' Council, Dinabandhu Andrews College, 54 Raja S.C. Mallick Road, P.O. Garia, Kolkata-700084.
5. Dr. Mithun Maji, Bursar, Dinabandhu Andrews College, 54 Raja S.C. Mallick Road, P.O. Garia, Kolkata-700084.





Criterion	Items	Verification  Yes / No	Comments	Suggestions for improvement
<b>I. Curriculum</b>	Steps followed in the designing of syllabus & curriculum	Yes	<p>The College is affiliated to the University of Calcutta and follows its Curricula and Examination guidelines.</p> <p>The College has been consistently designing its teaching methodology to cater to the curricula and examination process. The College implements its teaching strategies and ongoing evaluation procedures in accordance with the University's plans and directives. All students, even those who are slow learners, benefit from ongoing academic evaluation, and their university results demonstrate this.</p> <p>Practical lessons and exams are conducted in accordance with the Academic Calendar, with reference to the relevant Lab Manuals. This is how a student is introduced to and prepared for the University's examination system so that he or she can succeed on the University's final exams.</p>	Turn it on.
	Contents of the Curriculum	Yes	Totally based on CBCS Pattern of learning and evaluation system which is implemented by University of Calcutta time to time.	Turn it on.
	Validation done	Yes	Done by the UGBOS for UG Courses and PGBOS for PG Courses.	Turn it on.
	IDC / EDC	Yes	<p>IDC- As approved by the Governing Body at its meetings, these changes are periodically implemented by the College.</p> <p>EDC- The University of Calcutta periodically puts into effect.</p>	Turn it on.

Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
	Credits allotted / distribution- logic	Yes	<p>Total Courses= 48; (26TH+22P/TU) (For B.Sc. / B.A. Hons.)  Total Credits= 140 (For Hons.)  (96TH+44P)-For B.Sc. (Hons.) /  (118TH+22 TU)-For B.A. (Hons.)</p> <p>Total Courses= 42; (24TH+18P/TU) (For B.Sc. / B.A. Gen.)  Total Credits= 120 (For Gen.)  (88TH+32P)-For B.Sc. (Gen.) /  (102TH+18TU)-For B.A. (Gen.)</p> <p>Total Courses= 26 (For B.Com Hons.)  Total Credits= 144 (For B.Com Hons.)</p> <p>Total Courses= 23 (For B.Com Gen.)  Total Credits= 126 (For B.Com Gen.)</p>	Make an effort to adhere to University of Calcutta courses and curricula.





Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
<b>Curriculum Transaction</b>	Teaching methods & teaching aids	Yes	ICT based teaching learning process and conventional chalk and duster methods have been used by the teachers. One Seminar has been arranged on ICT based learning process on 05.01.2023 (Speaker: Dr. Subhranil Som, Principal, Bhairab Ganguly College) to enrich the stakeholders.	Maintain a healthy balance between traditional teaching techniques and ICT-based teaching techniques.
	E-learning modules	Yes	Mainly YouTube videos uploaded by the teachers. Department wise study materials uploaded in the college website.	Make an effort to set up some MOOCs for teachers and students.
	Project work UG/PG	Yes	<b>Zoology Department:</b> PG Sem 4: 52 students (April 2023) UG Sem 6: 30 students  <b>Electronics Department:</b> PG Sem 3: 17 students (January 2023)	Insist that students share their findings in the form of a review paper or an extended research paper.
	Internal assessment – components – Uniqueness	Yes		



Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
	Student support – remedial coaching	Yes	Department-wise remedial classes arranged for slow learners.	Attempt to persuade faculties to provide more supplemental instruction for students who are falling behind.
	Parents meeting – evaluation of student's progress	Yes	Department-wise PTM is arranged regularly.	PTM will be organized according to semesters and maintain records within departments.
	Feedback from students	Yes	Department wise Feedback taken on 02.01.2023 & 03.01.2023 as per G.O. 238-SSE/2022 Dated 27.12.2023	Continuously keep it going.
	Steps taken on the feedback	Yes	Necessary steps taken department wise to improve the infrastructure.	Keep it running continuously.







Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
Faculty Profile	Projects completed / on going	Yes	Projects Completed: Major: 0 Minor:1+2+1+1+2=7 Project Ongoing: Major:1+1=2 Minor:0	To improve the infrastructure of the college, try to persuade the faculties to apply for and receive more major and minor projects.
	Seminars / conferences attended	Yes	07	On a regular basis, more seminars, conferences, and workshops will be scheduled.
	Papers / articles / books Published outstanding five publications from Social Science/ Science/ Commerce/and others		Papers: Books: Book Chapters: [Refer Annexure I]	Always support faculty and students who want to publish.
	FDP / RC / OC / Training Program / Workshop	Yes	RC: 09 OP: 00 FDP: 03 Webinar Organized: 01	Although participation in these programs is a minimum requirement for CAS of college faculty members, more faculties should be involved.
	Preparation of E-learning materials / Content		Students have access to department-specific study materials via the college website.	Department-wise more study materials will be uploaded in the college website.
	Acted as resource persons	Yes	09	More faculties should be encouraged to do so.

Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
	M.Phil. & Ph. D awarded	Yes	Ph.D- 43 M.Phil.-05	Turn it on.







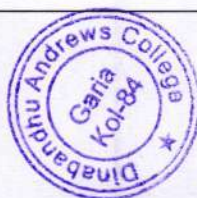
Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
Profile of Students	Demand ratio (Applications received Vs Sanctioned Strength)	Yes	B.Com. (UG):2273:370=6.14:1 B.Sc. (UG): 3595:1002=3.58:1 M.Sc. (PG): 84:79=1.06:1 B.A. (UG): 4838:980=4.93:1	
	Students' involvement in extra-curricular & Co- curricular activities	Yes	Dance Competition, Food Festival, Foot Sol, University sports Meet, Model Competition, Debate Competition (YPC), Extempore competition (YPC), Intra-college Quiz Competition, Mock Parliament (YPC), Intra-College Chess Competition, Inter-college University Athlete Meet, Economatrix 2.0 etc.	More participation is necessary.
	Study tour / industrial visits /exhibitions / Internship / Training	Yes	<b>Zoology Department:</b> PG Sem 4 excursion (Local) 52 students (March, 23) UG Sem 5 Genl Excursion (Poultry Farm Visit): 34 students (Nov, 23) UG Sem 5 Hons (Mandarmani): 32 students (Nov , 23) UG Sem 6 Hons (CIFE): DSE :26 students (June, 22) UG Sem 4 Genl (Indian Museum): 34 students (May, 22) PG Sem 3 (Rabindra Sarobar): 36 students (April, 23) <b>Botany Department:</b> UG Sem II & IV Hons Excursion (Shilong): 19 students (Aug, 2022) UG Sem IV & VI Hons Excursion (IBG): 45 students (April, 2022) UG Sem II Gen Excursion (IBG): 57 students (April, 2022) UG Sem V Hons Excursion (RKMVERI): 23 students (Sep, 2022) UG Sem I & III Hons Excursion (IBG): 36 students (Dec, 2022) UG Sem I & V Gen Excursion (IBG): 66 students (Dec, 2022)	More industrial visit required.



Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
			<p><b>Geography Department:</b> UG Sem 5 Hons Excursion (Ayodhya, Purulia): 34 students (Aug, 2022)</p> <p><b>Microbiology Department:</b> UG Sem 4 Hons Excursion (NIBMG): 35 students (April, 2023) UG Sem 5 Hons Excursion (Ranchi Mother Dairy): 35 students (Aug, 2022)</p>	
	Achievements	Yes	<p>1. Siddhartha Bardhan (2017-2020 batch) has cleared the NET exam 2022 in CSIR-JRF category (AIR-13) and got the prestigious SPM scholarship (first-time in the history of Dinabandhu Andrews College). He also cleared the TIFR Entrance exam for Ph.D in last year.</p> <p>2. Arup Karpa, SEM-5 Geography (H) student has stood 3<sup>rd</sup> position in 100 meter &amp; 2<sup>nd</sup> position in 200 meters run at Inter-College University Meet.</p> <p>3. Martina Chakraborty, Sem 5 Microbiology (H) student, has got the Best Script Writer and Best Parliamentarian award in YPC 2022.</p> <p>4. Annay Dey, Sem 5 Economics (H) student, has got the 3<sup>rd</sup> position Extempore competition.</p>	Give students additional support so they can pass more national exams across all subject areas.



Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
Infrastructure in the Institute	No. of classrooms	Yes	<b>Total 35</b> Old Building: 20 Annex Building: 15	Time to time maintenance required.
	No. of laboratories	Yes	<b>Total: 32</b> Botany: 03 Zoology: 02 (UG)+ 02 (PG)+ 03 (PG Special Papers)= 07 Microbiology: 02+02=04 Chemistry: 04 Physics: 07 Mathematics: 01 Electronics: 03 (PG) Molecular Biology: 01 Sericulture: 01 Commerce: 01	Make an effort to give the students more lab space. Collaboration between departments is highly valued.
	No. of computers – for teachers	Yes	27	The faculty needs access to more computers.
	No. of computers – for students	Yes	32	There is an immediate need for a bulk purchase of computers.
	No. of computers – research scholars	Yes	02 (One in Chemistry and one in Mathematics)	Scholars in need of more computing resources.

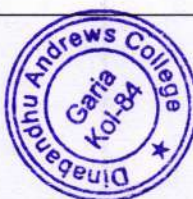




Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
	No. of instruments	Yes	Zoology Department: 32 Geography Department: 34 Molecular Biology Department: 24 Chemistry Department: 23 Microbiology Department: 154 Botany Department: 137 Physics Department: 94 Sericulture Department: 17	Keep it up. Try to arrange a room having central instrument facility for all the departments.



Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
<b>VI. Activities of the Institute</b>	MoUs signed	Yes	MoU signed with three Institutions. (i) K.K. Das College (ii) Pune Institute of Business Management (iii) Raidighi College	At least 8-10 MoUs will be signed with the different institutions/ organizations.
	Consultancy	No		
	Collaborations	Yes	Collaboration with 7 institutions. For Faculty Exchange Program: 3 For Exchange of Research Methodology: 03 For Exchange of Knowledge: 1	More collaboration will be required for the overall exchange of knowledge.
	Association Meetings	No		
	Guest lectures	Yes	Department of Bengali and Political Science have arranged some lectures in a regular basis for the students.	More departments will be encouraged to do so.
	Conference / Seminar / Webinar/ Workshop conducted (last 5 years)	Yes	Seminar: 05; National Seminar: 01 Webinar: 08 Workshop: 03	Try to arrange more seminar, workshop and conference for the students, faculties and non-teaching members.
	Extension Activity	No		Try to arrange some extension activities for the students.





Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
	Interaction with Industry / Research Centers / Educational Institutions	Yes	1. Ramakrishna Mission Vivekananda University with the Botany Department 2. Acharya Jagadish Chandra Bose Indian Botanic Garden with the Botany Department 3. National Institute of Biomedical Genomics (NIBMG) with Microbiology Department 4. Ranchi Mother Dairy with the Microbiology Department	Turn it on.
	Newsletters / Magazine	Yes	1. E-magazine "Bio-Scope" published by Department of Botany (2022-23) 2. E-magazine "The Economist's Kaleidoscope" published by Department of Economics (2022-23)	More departments will be encouraged to publish their e-magazine. If possible then college will take initiative to publish a Journal with an ISSN/ISBN number.
	Placement	Yes	A joint collaboration venture with TCS and Department of Commerce has been made. TCS provide the Sem 6 students the free Tally Course and on the basis of that they provide the placement of the students	More training courses and carrier fair have to be organized in the college premises and a strong placement cell will be required as an immediate effect.



**Please comment on SWOC Analysis:****Strength:**

- Convenient location leading to large area of influence. Students can commute from long distances. Well connected with bus, train and metro route.
- Supportive and proactive management.
- De-centralized administration.
- Wide choice of subjects and language option.
- Highly qualified faculties with strong academic profile.
- Healthy student strength and demand ratio.
- Automation of college administrative office and online payment options.
- Strong and active NCC wing.
- Received funds from several national and state level funding agencies.
- Up to date infrastructural facilities and well equipped laboratories and central research facility.
- A regular good publication record of the faculties.
- Green campus having a wide range of terrestrial and aquatic organisms found in the pond and garden of the college.
- Use of green energy (solar energy) successfully to minimize the use of conventional electricity.

**Weakness:**

- Limited number of PG departments.
- Limited number of research scholars.
- Limited number of funded research projects.
- Library space shared with Morning Section.
- Hostel facility not available for the students.





- Not introduce any vocational/value-added/ any certificate course for the students.

**Opportunities:**

- Due to its reputation, the college has a good demand for students' admission.
- With the availability of a good number of research faculties, there is a scope for mobilizing grants and increasing research output.
- Scope for up gradation into a university.

**Challenges:**

- Limited space available for expansion.
- Share the playground with a local club for sports and athletic activities.


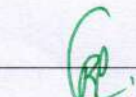

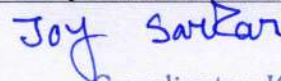
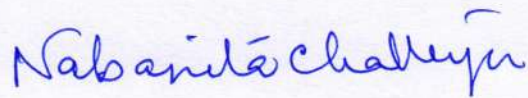
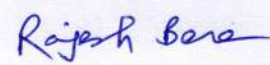
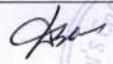

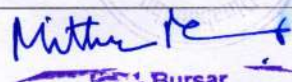
**Best Practice (s) / Innovations of the Institute:**

**Future Plans of the Institute:**

- Opening of new PG courses
- Encouraging faculties to bring research grants
- Pursue government for obtaining land for second campus and playground





Academic Audit Experts (with official seal):	Designation	Signature of the Academic Audit Experts (with official seal):
Prof. (Dr.) Manas Kabi	Principal, Asutosh College, 92, Shyama Prasad Mukherjee Rd, Jatin Das Park, Patuapara, Bhowanipore, Kolkata, West Bengal 700026.	 PRINCIPAL ASUTOSH COLLEGE 92, S. P. MUKHERJEE ROAD KOLKATA-700 026
Prof. (Dr.) Ramkrishna Prasad Chakraborty	Principal, K.K. Das College, GRH-17, Baishnabghata Patuli, Garia, Kolkata-700084.	 Principal K.K. DAS COLLEGE Garia, Kol-84
Prof. (Dr.) Somnath Mukhopadhyay	Principal, Dinabandhu Andrews College, 54 Raja S.C. Mallick Road, P.O. Garia, Kolkata-700084.	 Principal Dinabandhu Andrews College Garia, Kolkata-700 084
Members of Staff Present	Designation	Signature of the Member of Staff (with official seal):
Dr. Joy Sarkar	Governing Body Member & Co-Ordinator, IQAC, Dinabandhu Andrews College, 54 Raja S.C. Mallick Road, P.O. Garia, Kolkata-700084.	 Coordinator, IQAC Dinabandhu Andrews College
Mrs. Nabanita Chatterjee	Governing Body Member & Convenor, Academic Sub-Committee, Dinabandhu Andrews College, 54 Raja S.C. Mallick Road, P.O. Garia, Kolkata-700084.	
Dr. Rajesh Bera	Governing Body Member, Dinabandhu Andrews College, 54 Raja S.C. Mallick Road, P.O. Garia, Kolkata-700084.	
Dr. Dibakar Sardar	Secretary, Teachers' Council, Dinabandhu Andrews College, 54 Raja S.C. Mallick Road, P.O. Garia, Kolkata-700084.	 
Dr. Mithun Maji	Bursar, Dinabandhu Andrews College, 54 Raja S.C. Mallick Road, P.O. Garia, Kolkata-700084.	 Bursar For Dinabandhu Andrews College Garia, Kolkata-700 084

