

Shailabala Women's Autonomous College

Odisha State Higher Education Council

02-03 December 2022

The Shailabala Women's Autonomous College (hereafter, SBWAC) came into existence in 1913 as an Intermediate College. In 1946, the SBWAC obtained the status of a first-grade degree college. The college is named after Ms. Shailabala Das – the adopted daughter of Utkal Gaurav Madhusudan Das, the architect of modern Orissa [now, Odisha]. The SBWAC has the honor of being established as the first women's college of the State and the third in the country. The credit goes to Ms. Shailabala Das who was instrumental in establishing this premier institution of the country.

The Odisha State Higher Education Council (hereafter, OSHEC) performed an Academic Performance Audit (APA) of the SBWAC over a period of two days starting on 2nd December 2022. The OSHEC took this initiative and the principal of the SBWAC, Prof. (Dr.) Gayatri Biswal welcomed the intent of the Council. One of the objectives of the OSHEC is to conduct an Academic Performance Audit of all HEIs in Odisha under the administrative control of the Department of Higher Education, Government of Odisha.

The OSHEC reviewed the academic activities of various departments of SBWAC under four broad categories. (1) Student-related performance, (2) Teacher-centric performance, (3) Infrastructure, and (4) General activities that reflect academic growth.

Major highlight

1. SBWAC celebrated its centenary on 2nd April 2013
2. SBWAC was accredited by NAAC in Grade 'A' for a period of five years from 2.2.2006 till 1.2.2011.
3. In the 2nd Cycle, SBWAC again obtained an 'A' Grade following NAAC accreditation for a period of five years from 2017 to 2022.
4. SBWAC was awarded Autonomous Status by the UGC on 28.2.2017.

Academic Performance Audit-2021-22

The audit team reviewed 22 departments/units at SBWAC. In addition, the team also reviewed the activities of the central library, examination section, programs in self-financing mode, administrative office, and NCC/NSS. The team interacted with the Principal, Officers, IQAC coordinator, In-charge of the website, and In-charge of e-resources of the college.

A systematic review of the departments revealed a median of 0.43 as the Performance Index of SBWAC on a scale ranging between 0.0 and 1.0. Figure 1 depicts the summary of the evaluation. Three departments out of the 22 secured a Performance Index ≥ 0.60 .

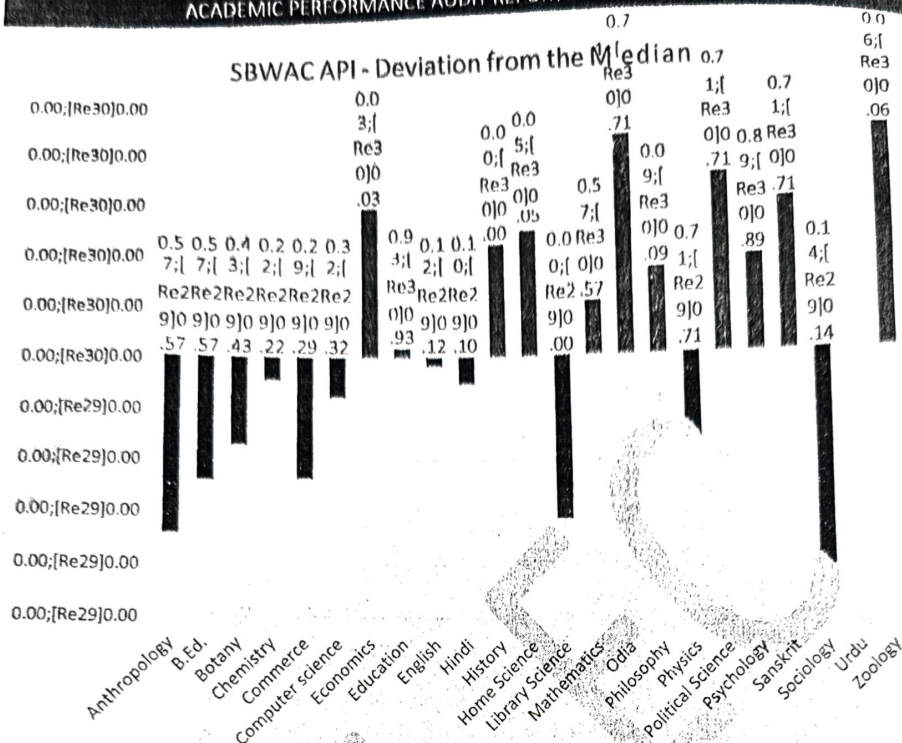


Figure 1: API of departments as a function of deviation from the median API score of 0.43.

The Audit Team identified the following areas wherein SBWAC needs to be more watchful.

1. The affiliation search results in the SCOPUS database did reveal the presence of the SBWAC, but there are two cited articles.
2. The digital presence of the researchers of SBWAC on the pages of Publons powered by Web of Science and ORCID is desirable.
3. The teachers of the college should be encouraged and oriented to publish research/review articles in globally reputed databases, like WoS, Scopus, and PubMed.
4. The teachers of the college should publish their articles in UGC-CARE-listed journals. The UGC-CARE list also includes journals cited in WoS and Scopus.
5. UG students should deliver at least 2 seminars in the final academic year and PG students should deliver at least 1 seminar in each semester.
6. SBWAC should offer skilling courses for UG and PG students through its departments. The College can introduce online learning courses through SWAYAM to strengthen undergraduate education.
7. The IQAC should initiate Internal Audit and identify the best performing individual teacher, and departments every year and felicitate them in public events, such as on Foundation Day or Teachers' Day, etc.
8. In addition to Academic Audits, IQAC should undertake Green Audits, Energy Audits, and Gender Audits regularly.
9. All activities of SBWAC should be published on the website with document validation and geo-tagged pictures.

10. SBWAC should augment its digital presence through social media networks, namely Facebook, Twitter, LinkedIn, Instagram, etc.
11. The library should digitize all its resources at the earliest and contribute the library data to IndCat [indecat@infibnet.ac.in].
12. The SWOC analyses of the SBWAC should be revised and rephrased.
13. Adequate infrastructure support should be extended to each department every year.
14. Consultancy Cell should be energized and attempts should be made to offer consultancy to government, non-government organizations, businesses, trade, and industry.
15. All the laboratories need to be well-maintained and equipped with up-to-date facilities.
16. Adequate provisions for basic amenities, such as WiFi connectivity, washrooms, and drinking water for students, employees, and differently-abled individuals should be made.
17. Cleanliness and beautifications of the departments and the campus are desirable.
18. The frequency of parent-teacher and mentor-mentee/proctorial meetings should be increased.

Additional Suggestions

- This is high time SBWAC should participate in India Rankings 2023.
- The SBWAC should draft and publish short-term and long-term IDPs.
- The SBWAC should develop an R&D culture on the campus linked to intra-mural incentivization.
- The SBWAC should make all-out efforts to retain an 'A' grade in the third cycle of the NAAC accreditation.

Detailed Report

The following experts participated in the event as Academic Performance Auditors:

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|-----------------------------|----------------------------|
| 1. Dr. Atanu Kumar Pati | Executive Member, OSHEC |
| 2. Dr. Susmit Prasad Pani | Executive Member, OSHEC |
| 4. Dr. Pradeep Kumar Behera | Academic Consultant, OSHEC |

Objectives

The Department of Higher Education, Government of Odisha introduced an Academic Performance Audit (APA) of all HEIs under its administrative umbrella as a mandatory activity to be carried out regularly. OSHEC was assigned the responsibility to oversee the Academic Performance Audit of each HEI. In addition, OSHEC has the mandate to monitor the performance of all programs offered by the HEIs under the PPP modality. The APA is aimed at the following:

1. To review the overall annual academic performance of HEIs
2. To review the performance of regular programs and self-financed programs offered by the HEIs through the individual departments, including those programs running under the PPP model
3. To review the preparedness of the HEIs for NAAC accreditation and NIRF ranking and to apprise them of the nuances of accreditation and ranking processes

Interaction with the IQAC

1. The IQAC must arrange all relevant documents for verification and validation and upload them on the college website.
2. Conduct various kinds of Audits, like Academic Audit, Gender Audits, Green Audits & Energy Audits, and upload audit reports on the website.
3. Collect feedback from all stakeholders, such as Students, Teachers, Employees, Alumni, the Public, Parents, and Employers. Publish action taken reports (ATR) on the university website/or in a designated URL.
4. Plan and execute accreditation processes (NAAC, NIRF, etc.) for the institution.
5. Draft and publish IDP for the institution.
6. Vision and Mission statements should be presented in all departments, administrative sections, and at all vantage points on the campus.
7. The SWOC should be congruent with the motto of the institution.
8. The IQAC in its presentation should include at least 7 slides reflecting each criterion of the NAAC accreditation process.
9. The presentation should include the future development plan for the institution.
10. IQAC also includes all extension activities conducted by the college in its presentation.

Interaction with the CoE and examination functionaries

1. The SBWAC should initiate the process of online evaluation of examination scripts and the creation of a pool of examiners for the purpose.
2. The SBWAC should create question banks on all subjects in coordination with the concerned departments and the library.

Interaction with OIC Website

1. SBWAC should have a social media digital presence policy. It has an official Twitter handle with effect from July 2019. It also needs to maintain official and approved social media networks, like Facebook, YouTube, LinkedIn, and Instagram.
2. All faculties should register themselves in Publons, Google Scholars, Research Gate, and ORCID, which should be reflected on the University Website.
3. A list of publications of teachers should be published on the website. Each publication should carry its DOI number and a link to the respective journal's website.
4. Individual faculty should have access to update their CV on the website.
5. In a nutshell, the website should be NAAC-compliant.

Library

1. The link to the library should be prominently displayed on the main page of the College's website.
2. The stock verification record should be up to date.
3. Details of the titles of books and the number of books should be published on the pages of the SBWAC's library website.
4. Details of the book lost, books not returned, and a list of weeded-out books should also be reflected in the library pages on the website.
5. The resources in the library should be digitized at a fast pace and the information should be shared with the INFLIBNET for inclusion in the IndCat project.
6. Details of faculty footfall in the library should be recorded continuously.
7. There should be a repository for the academic publications of the teaching faculty. It should also include soft copies of all dissertations and theses.
8. The library should have Smart TV, CC TV, and Wi-Fi connectivity.
9. The library should upload the access link to the EBSCO platform.

Extramural Research Projects and Other Metrics in the Criterion III

1. Most of the departments do not have sponsored research projects from national and international funding agencies.
2. At any given time, each department should have at least two ongoing research projects.
3. The faculty should have multidisciplinary collaborative projects.
4. Look at #3.3.2 of the AQAR 2021-2022; there is a long list of works and seminars conducted by the College, however, except one, others are not related to Research Methodology, IPR, Entrepreneurship, and Skill development.

Observations

A summary of the consolidated Academic Performance Index of 22 departments/units is presented below in the Table. The Department of URDU probably did not participate in the audit process. The departments were assessed based on FOUR major criteria, namely (1) Student-related performance, (2) Teacher-centric performance, (3) Infrastructure, and (4) General activities that reflect academic growth. The median Performance Index score was found to be 0.43 for SBWAC. Three out of 22 departments had a Performance Index ≥ 0.60 .

Table-1: Academic Performance Index (API) of individual departments and the college.

S. No.	Department	Score	API	Median	Plus/Minus
1	Anthropology	7222.5	0.26	0.43	0.17
2	B.Ed.	8675	0.31	0.43	0.12
3	Botany	9630	0.34	0.43	0.09
4	Chemistry	11409.1	0.41	0.43	0.02
5	Commerce	8730	0.31	0.43	0.12
6	Computer science	10938.9	0.39	0.43	0.04
7	Economics	16147	0.58	0.43	0.15
8	Education	12,294.70	0.44	0.43	0.01
9	English	11808	0.42	0.43	0.01
10	Hindi	11314.43	0.40	0.43	0.03
11	History	15050	0.54	0.43	0.11
12	Home Science	15387.7	0.55	0.43	0.12
13	Library Science	7700	0.28	0.43	0.16
14	Mathematics	13470	0.48	0.43	0.05
15	Odia	17878.1	0.64	0.43	0.21
16	Philosophy	14316	0.51	0.43	0.08
17	Physics	9750	0.35	0.43	0.08
18	Political Science	16750	0.60	0.43	0.17
19	Psychology	14556.4	0.52	0.43	0.09
20	Sanskrit	16050	0.57	0.43	0.14
21	Sociology	6430	0.23	0.43	0.20
22	Urdu				
23	Zoology	17996.5	0.64	0.43	0.21
Average			0.44		
Median			0.43		
Min			0.23		
Max			0.64		

API - Academic Performance Index

Presence in the SCOPUS Database

1. The Scopus AF-ID of SBWAC is 60078483. However, only two papers have been cited and both are from the Physics department and belong to a particular author. This appears very unusual since SBWAC is a very old Institution of repute. It must have many articles published in important SCOPUS-listed journals.
2. If multiple SCOPUS AF-IDs are there for the SBWAC, then all those should be merged so as reflect more publications in the SCOPUS database.
3. SBWAC should make efforts in this direction and resolve this issue.
4. Please look at the screenshot [pasted below]of the opening page of SBWAC on the SCOPUS page.



Scopus

2 document results

(AF-10) ("Shaila Bala Womens College" 60078483)

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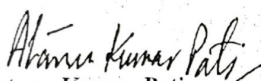
General Advisory to all Departments

1. All the departments should revise the SWOC analysis. Fancy and high-sounding phrases should be avoided. Don't make more than five bullet points in each category, namely Strength, Weakness, Opportunity, and Challenges.
2. All the departments should revise and update their syllabi regularly.
3. Drop-out analysis should be made carefully. Someone taking TC for employment should not be considered a dropout. Similarly, someone taking TC for his/her admission into some other programs in a different HEI should not be considered a dropout.
4. Guest teachers recruited for two consecutive semesters or a period of 9 months are to be considered in the category of 'regular teachers.'
5. All activities of the departments should be published on the pages of the HEI's website.
6. Mentor-Mentee meetings should be carried out regularly. It could be given a space in the timetable of each department. The proceedings of such meetings should be published on the web pages of the college. It should not function as a grievance-redressal unit.
7. The students should be encouraged, motivated, and groomed to participate in the NET/GATE examinations.
8. All teaching faculty should get themselves registered on academic platforms, like Vidwan [<https://vidwan.inflibnet.ac.in/>].
9. All teaching faculty and students should use e-Resources maximally provided to them through the EBSCO platform.
10. Students should be motivated to apply for fellowships.
11. Faculty of all departments must participate in outreach activities.
12. All the departments should analyze results paper-wise.

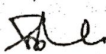
General Observation and Recommendation

- Mission and Vision statements may be revised and rephrased.
- There should be a dedicated page for Ms. Shailabala Das on the website.
- Submit a proposal to the Government for the introduction of seed funding to the faculty.
- Develop IDP for the college, which should include both short-term and long-term plans.
- Motivate teachers and students to create a research culture. Patent, Consultancy, and Counselling are the areas where the contribution of the college can be more productive.

- The college should organize FDP and FIP regularly.
- The college should organize workshops and seminars with themes linked to the Research methodology, IPR, Entrepreneurship, Skill development, and Capacity building.
- Motivate and encourage faculty to publish research papers and reviews in journals listed in SCOPUS, WoS, and PubMed.
- The faculty should publish their research articles in UGC-CARE-listed journals. It is to be noted that the UGC-CARE list also includes journals cited in WoS and SCOPUS.
- Status of NAAC preparedness – Yet to be initiated
- The OSHEC team underscored the need for accreditation to ensure the renewal of the RUSA grant and other financial assistance.
- The IQAC has assured the audit team to make the website of SBWAC NAAC compliant.
- The IQAC should also ensure that the data uploaded at the time of submission of the AQAR should be sanitized.


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