

Academic Audit: Department: Chemistry

Period of Audit: 2022- 2023

I - COLLEGE PROFILE (To be filled in by the IQAC Coordinator)

1	Name of the Department, Website, email and Ph. No.	Department: CHEMISTRY	E-mail id:	Phone no:		
2	Name of the HOD, email & Mob. No.	Name: Dr. Ramakanta Mondal Mobile No: 9575319005	E-mail: chem.ramakanta@kamv.ac.in			
3	Name of the IQAC Coordinator, email & Mob. No.	Name: Dr. Arindam Chakrabarti Mobile No: 9051051243	E-mail: phys.arindam@kamv.ac.in			
4	Year of Establishment/ Year of Affiliation	2008				
5	NAAC Grade with Cycle, Accredited Year (if not Accredited Status of Preparations)	Grade B+ (2.54) Cycle 2, 2016				
6	UGC Recognition (2F & 12 B)	YES				
7	Departmental Working Hours (if shift system, mention details of both shifts & give reasons for shift system)	10.00 a.m-5.00 p.m (Monday to Saturday)				
8	No. of Posts Sanctioned for the department: Teaching - Non-Teaching- Supportive Staff - Other if any - (Annexure 1)	Approved Authority	Teaching	Non-Teaching		
		Govt. approved:	02	--		
		Management approved:	--	--		
		Govt. approved Contractual:	02	--		
		Management approved Contractual:	--	--		
		Guest Working:	--	--		
9	Course wise & Year wise <u>enrolled</u> Students- strength particulars	No. of Students [Honours] + {General/Programme}	Year	1 st year	2 nd year	3 rd year
			22-23	[01] + { 03 }	[03] + { 04 }	[04] + { 00 }
	Course wise & Year wise <u>passed</u> Students- strength particulars		22-23	[--] + { -- }	[--] + { -- }	[04] + { 00 }





Department of Chemistry

Khatra Adibasi Mahavidyalaya

II-CURRICULAR ASPECTS (with Attachments)	Session	Statement	Impression/Recommendation/ Remark by Academic Advisors	Status
1. Departmental Annual Curricular Plans	22-23	<p>The department follows the curriculum and syllabus as prescribed by the affiliating university (Bankura University). In each semester the syllabus is distributed in modules and the stipulated syllabus is completed, and the topics are taught as per the credits allocated to each topic.</p> <p>Distribution of syllabus in modules and unitization of syllabus were prepared well before the commencement of classes and executed in a planned and systematic manner (Annexure 2). Departmental meeting regarding the distribution of the syllabus of the 1st, 3rd and 5th Semesters was held on 01/08/2022. Departmental meeting regarding the distribution of the syllabus of the 2nd, 4th and 6th Semester was held on 08/02/2023. Assigning the mentors to the newly admitted students of 2022-23 session done at departmental meeting held on 02.09.2022. PO, CO & PSO were also formulated (Annexure 3).</p>		
2. Departmental Activities and Records of students' and Teachers' participation for the Academic Year	22-23	<p>Every activity is recorded such as Orientation Programme, Departmental meetings, Departmental Seminar, Student-Seminar, Class Tests, Meetings of committees related to Parent-Student-Teacher formed by the department etc. Orientation Programme was held on 28/09/2022 to 05/10/2022. Parent-teacher meet was held on 27/03/2023. Internal examination of 1st, 3rd & 5th Semester students was held on 10/11/2022 to 17/11/2022. Internal Examination of Semesters- II, IV, VI started on & from 03.05.2023 to 08/05/2023.</p>		
3. Add-on/Certificate Courses completed during Academic Year	22-23	NIL		
4. Plan for introduction of new Add-on/Certificate Courses in Academic Year	22-23	NIL		
5. Coverage of Syllabus (Average Percentage)	22-23	<p>Syllabus is covered for all courses of UG program within the stipulated time period. 5th semester classes began on 02/08/2022, and more than 90% theory syllabus was completed on 13/10/2022 and around 80% practical syllabus was completed and the classes were dissolved on 21/01/2023. 6th semester classes began on 21/03/2023, and almost 95% theory and 80% practical syllabus was completed on</p>		



Department of Chemistry

Khatra Adibasi Mahavidyalaya

			14/06/2023 and classes were dissolved on 17/06/2023.		
6	Maintenance of Student Attendance Registers	22-23	Day to day attendance is recorded in the Student Attendance Registers. Students were made aware about the importance of their percentage of attendance in classes in the Mentor-Mentee meetings.		
7	Feedback forms on Curriculum from students	22-23	Yes (Through Online)		

III - TEACHING, LEARNING & EVALUATION (with Attachments)		Year	Statement	Impression/Recommendation/Remark by Academic Advisors	Status
1	Plan of Action and Achievements	22-23	Record of Plan of Action and Achieved of each session is well maintained by the department.		
2	Co-Curricular Activities (Departmental Level)	22-23	Students of the department participate different sports and cultural activities and departmental quiz competition.		
3	Degrees offered	22-23	UG Hons. & programs are run by the department.		
4	Conduct of Internal Examinations-continuous assessment & Mid-Term Test	22-23	Continuous assessment is carried out by the department in the form of Class Test carried out in written form as well as verbally. Internal assessment examinations are held in the form of assignments and viva-voce. Internal assessment of 1 st , 3 rd and 5 th semester students was held on 10/11/2022 to 17/11/2022 and that of 2 nd , 4 th and 6 th semester students was held from 03/05/2023 to 08/05/2023.		
5	Remedial Classes	22-23	Remedial classes are conducted for each semester on the basis of suggestions provided by the student representatives who propose the topics that require special attention. Sometimes in the remedial classes, evaluated and assessed answer scripts are shown to the students for their self-analysis and better understanding of the subject. Remedial classes of 5 th semester students were held on taken on 1 st December 2022 to 20 th December 2022. Remedial classes of Semester VI taken on 4 th June 2023 to 20 th June 2023		
6	Record of Mentoring of students by teachers	22-23	Record of mentoring of students by teachers is maintained by the department. However, mentoring is also provided outside the class. Assigning mentors for new and existing students was held on the departmental meeting on 02/09/2022.		
7	Result Analysis for the years	22-23	Result analysis is done according to the result sheet provided by the University (Annexure 4). After critical analysis of the results, the students are advised about how to improve in the University examination.		



Department of Chemistry

Khatra Adibasi Mahavidyalaya

IV - RESEARCH AND CONSULTANCY (with Attachments)		Year	Statement							Impression/Recommendation/Remark by Academic Advisors			Status		
1	No. of Research Guides in the Department	22-23	Nil												
2	No. of Faculty registered for Ph. D	22-23	01												
3	Number of Major/Minor/Other Research Projects	Year	Major			Minor		Others							
		22-23	Nil			Nil		Nil							
4	Number of Research Papers Published in Academic year (Annexure 5) (Internationals/Nationals Journals)	Year	International			National		State Level							
		22-23	01			00		00							
5	Number of Papers Presented in (International/National/State Level Conference) (attach details)	Year	International			National		State Level							
		22-23	00			00		00							
6	Number of Books Published in (Single Author/Co Author)	Year	As a Single Author				As a Co-Author								
		22-23	00				00								
7	Number of Seminars / Workshops / Training Program Conducted in the Academic year (International / National / State) (attach details)	Year	Seminars			Workshops			Training Program						
		22-23	I	N	S	I	N	S	I	N	S				
8	Student Seminars/ Workshop/ Exhibition/ Project in the Academic Year (other than University) (Annexure 6)	Year	Seminar			Workshop		Exhibition	Project						
		22-23	01			Nil		Nil	Nil						
9	Record of Consultancy in Academic year (attach details)	22-23	Nil												
10	Record of MOUs in Academic year (attach details)	22-23	Nil												



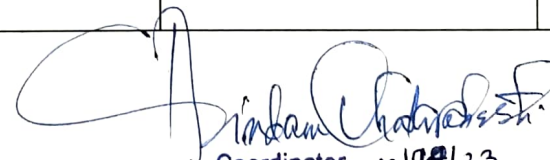
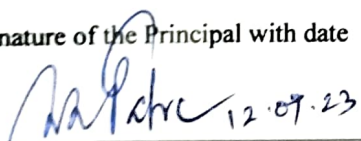


Department of Chemistry

Khatra Adibasi Mahavidyalaya

V - EXTENSION ACTIVITIES (with Attachments)	Year	Statement	Impression/Recommendation/ Remark by Academic Advisors	Status
1 Record of Subject/Department Related Extension Activities (attach details)	22-23	NIL		

Recommendation/Suggestions by Academic Advisors

Suggestions for improvement /progress of the department	Sheet attached	
	Signatures of Academic Advisor with designation	Seal
	 Principal Jamini Roy College Beliatore, Bankura (W.B.)	
Signature of the HOD with date  12.09.23	Dept. of Chemistry Khatra Adibasi Mahavidyalaya Khatra :: Bankura	 Coordinator 12/09/23 IQAC Khatra Adibasi Mahavidyalaya Khatra : Bankura
Signature of the Principal with date  12.09.23		




Department of Chemistry

Khatra Adibasi Mahavidyalaya

Declaration by the Principal

On behalf of the College Governing Body and as Institutional Head, I will forward the observations by the Academic Advisors to IQAC and also to the Governing Body of the Institution for further necessary action regarding Academic development of the department.

Date:


Signature of Principal 12.09.23
Principal
Khatra Adibasi Mahavidyalaya
Khatra, Bankura



Annexure 1: Staff Pattern

Faculty profile with name, qualification, designation, specialization (D.Sc./ D.Litt./ Ph.D/ M.Phil. etc.,)					
Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Swarup Kumar Maji	Ph.D	Assistant Professor	Nanostructures as energy material for catalytic/photocatalytic activities	9 Years +	Nil
Dr. Ramakanta Mondal	Ph.D	Assistant Professor	Protein conformational dynamics, Ion Transportation Mechanism	4 Years +	Nil
Mr. Soumen Rakshit	M.Sc (Pursuing a PhD in Bankura University)	State Aided College Teacher	Synthetic and applications of Organometallic frameworks; Design and study of new homogeneous and heterogeneous catalysts; Metal Complexes in Medicine	7 Years +	Nil
Mr. Saroj Modak	M.Sc	State Aided College Teacher		7 Years +	Nil



Department of Chemistry

Khatra Adibasi Mahavidyalaya

Annexure 2: Syllabus Module

Session	Link
2022-2023	https://kamv.ac.in/dept_catg/1706692710_Syllabus%20Module_2022-23.pdf

Annexure 3: CO, PO

Link for CO, PO of CBCS Syllabus for Three Years Undergraduate Course in Chemistry Programme under Bankura University (w.e.f. 2017):

https://kamv.ac.in/co_po/1714993578_CO%20&%20PO%20Chemistry-2022-23.pdf

Annexure 4: Result Analysis of 2022-2023 session

Name	Semester	Student ID	Percentage	Current Position	Phone Number
Joydeep Mandal	Semester VI	20111114005	7.82	B.Ed. In Swarajnagar Teachers Training College	8167650721
Rudra Layek	Semester VI	20113114001	9.05	M.Sc in Bankura University	6290078278
Himalaya Singhamahapatra	Semester VI	20113114003	7.98	Preparation for Competitive Exam	8942907900
Santanu Bid	Semester VI	20113114004	7.93	WB Police	8617544839

Annexure 5: Number of Research Papers Published in Academic year

Sl. No.	Faculty Name	Name of Journal	ISSN number	Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
1	Dr. Swarup Kumar Maji	ACS Applied Nano Materials	2574-0970	https://www.scopus.com/sourceid/211009145 27	https://pubs.acs.org/doi/10.1021/acsnm.2c05129	Yes

Annexure 6: Student Seminars/ Workshop/ Exhibition/ Project in the Academic Year

Session	Link
2022-2023	https://www.kamv.ac.in/dept_catg/1719301260_Academic%20Activities%202022-23%20final.pdf