



Department of Chemistry

Khatra Adibasi Mahavidyalaya

Academic Audit: - Department: Chemistry					
Period of Audit: 2021- 2022					
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
	Course wise & Year wise <u>passed</u> Students- strength particulars		21-22	[03] + { 08 }	[04] + { 02 }
			21-22	[--] + { -- }	[--] + { -- }
					3 rd year
					[03] + { 01 }
					[03] + { 01 }



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II-CURRICULAR ASPECTS (with Attachments)		Session	Statement	Impression/Recommendation/ Remark by Academic Advisors	Status
1.	Departmental Annual Curricular Plans	21-22	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. 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 1 st , 3 rd & 5 th Semester was held on 29/09/2021. Other departmental meetings were held on 15/01/22, 12/02/22, 09/06/22. PO, CO & PSO were also formulated (Annexure 3).		
2	Departmental Activities and Records of students' and Teachers' participation for the Academic Year	21-22	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 not conducted due to the covid but Student-Week celebration was conducted on 1 st January to 7 th January 2022. Internal examination of 1 st , 3 rd & 5 th Semester students was held on 18/12/2021 to 19/12/2021. Internal Examination of Semesters- II, IV, VI started on & from 04/05/2022 to 06/05/2022.		
3	Add-on/Certificate Courses completed during Academic Year	21-22	NIL		
4	Plan for introduction of new Add-on/Certificate Courses in Academic Year	21-22	NIL		
5	Coverage of Syllabus (Average Percentage)	21-22	Syllabus is covered for all courses of UG program within the stipulated time period. 5 th semester classes began on 22/09/2022, and more than 85% theory syllabus was completed on 13/11/2022 and around 80% practical syllabus was completed and the classes were dissolved on 21/01/2022. 6 th semester classes began on 21/03/2022, and almost 90% theory and 80% practical syllabus was completed on 14/07/2022 and classes were dissolved on 17/07/2022.		



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6	Maintenance of Student Attendance Registers	21-22	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	21-22	Yes (Through Online)		

III - TEACHING, LEARNING & EVALUATION (with Attachments)		Year	Statement	Impression/Recommendation/Remark by Academic Advisors	Status
1	Plan of Action and Achievement	21-22	Record of Plan of Action and Achieved of each session is well maintained by the department.		
2	Co-Curricular Activities (Departmental Level)	21-22	Students of the department participate different sports and cultural activities and departmental quiz competition.		
3	Degrees offered	21-22	UG Hons. & programs are run by the department.		
4	Conduct of Internal Examinations-continuous assessment & Mid-Term Test	21-22	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 18/12/2021 to 19/12/2021 and that of 2 nd , 4 th and 6 th semester students was held from 04.05.2022 to 06/05/2022.		
5	Remedial Classes	21-22	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 2021 to 15 th December 2021. Remedial classes of Semester VI taken on 5 th June 2022 to 15 th June 2022 (ERP)		
6	Record of Mentoring of students by teachers	21-22	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 29/09/2021.		



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7	Result Analysis for the years	21-22	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.		
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IV - RESEARCH AND CONSULTANCY (with Attachments)		Year	Statement						Impression/Recommendation/Remark by Academic Advisors			Status	
1	No. of Research Guides in the Department	21-22	Nil										
2	No. of Faculty registered for Ph. D	21-22	00										
3	Number of Major/Minor/Other Research Projects	Year	Major			Minor		Others					
		21-22	Nil			Nil		Nil					
4	Number of Research Papers Published in Academic year (Annexure 5) (Internationals/Nationals Journals)	Year	International			National		State Level					
		21-22	02			00		00					
5	Number of Papers Presented in (International/National/State Level Conference) (attach details)	Year	International			National		State Level					
		21-22	00			00		00					
6	Number of Books Published in (Single Author/Co Author)	Year	As a Single Author					As a Co-Author					
		21-22	00					00					
7	Number of Seminars / Workshops / Training Program Conducted in the Academic year (International / National / State) (attach details)	Year	Seminars			Workshops			Training Program				
			I	N	S	I	N	S	I	N	S		
		21-22	00	00	00	00	00	00	00	00	00		

8	Student Seminars/ Workshop/ Exhibition/ Project in the Academic Year (other than University) (Annexure 06)	Year	Seminar	Workshop	Exhibition	Project		
		21-22	01	Nil	Nil	Nil		
9	Record of Consultancy in Academic year (attach details)	21-22	Nil					
10	Record of MOUs in Academic year (attach details)	21-22	Nil					

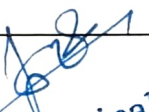
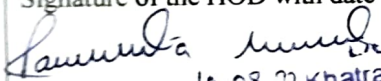
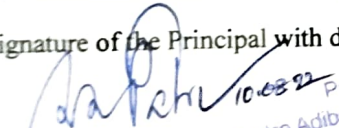
V - EXTENSION ACTIVITIES (with Attachments)		Year	Statement	Impression/Recommendation/ Remark by Academic Advisors	Status
1	Record of Subject/Department Related Extension Activities (attach details)	21-22	NIL		



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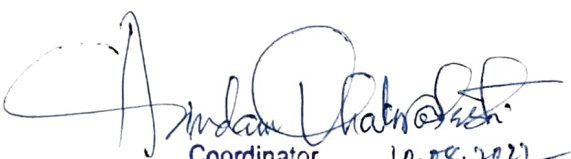
Khatra Adibasi Mahavidyalaya

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  10.08.22	Signature of the Principal with date  10.08.22		

Signature of the HOD with date
10.08.22
Khatra Adibasi Mahavidyalaya
Khatra :: Bankura

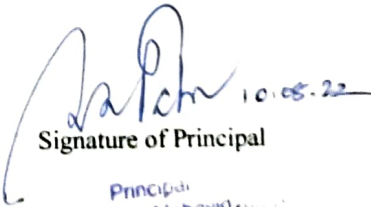
Signature of the Principal with date
10.08.22
Principal
Khatra Adibasi Mahavidyalaya
Khatra, Bankura


Coordinator
IQAC
Khatra Adibasi Mahavidyalaya
Khatra : Bankura
10.08.2022

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
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	8 Years +	Nil
Dr. Ramakanta Mondal	Ph.D	Assistant Professor	Protein conformational dynamics, Ion Transportation Mechanism	3 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	4 Years +	Nil
Mr. Saroj Modak	M.Sc	State Aided College Teacher	Organic Chemistry	4 Years +	Nil

**Annexure 2: Syllabus Module**

Session	Link
2021-2022	https://www.kamv.ac.in/dept_catg/1718885193_Syllabus%20Module%202021-22.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://www.kamv.ac.in/co_po/1717490568_CO%20&%20PO%20Chemistry-2021-22.pdf

Annexure 4: Result Analysis of 2021-2022 session

Name	Semester	Student ID	Percentage	Current Position	Phone Number
Poyrani Tudu	Semester VI	19113114001	88.5	M.Sc in IEST, Shibpur	8327832870
Arnab Mahanti	Semester VI	19113114002	81.5	M.Sc in Bankura University	7063391767
Arup Ghosh	Semester VI	19113114003	79.5	Preparation for Competitive Exam	8967429834

**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 Biomaterials	2576-6422	https://www.scopus.com/sourceid/21100912215	https://pubs.acs.org/doi/abs/10.1021/acsabm.1c01247	Yes
1	Dr. Swarup Kumar Maji	ACS Omega	2470-1343	https://www.scopus.com/sourceid/21100828963	https://pubs.acs.org/doi/full/10.1021/acsomega.2c01306	Yes

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

Session	Link
2021-2022	https://www.kamv.ac.in/dept_catg/1709203689_Departmental%20Student%20Seminar%20organized%20by%20Department%20of%20Chemistry.pdf