



Department of Chemistry

Khatra Adibasi Mahavidyalaya

Academic Audit: - Department: Chemistry						
Period of Audit: 2020- 2021						
1 - 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. Swarup Kumar Maji Mobile No: 9609077369		E-mail: chem.swarup@kamv.ac.in		
3	Name of the IQAC Coordinator, email & Mob. No.	Name: Dr. Alope Bhowmik Mobile No: 9475623715		E-mail: alokebhowmik.b05@gmail.com		
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:		03	--	
		Management approved Contractual:		--	--	
		Guest Working:		--	--	
9	Course wise & Year wise <u>enrolled</u> Students- strength particulars	No. of Students [Honours] + {General/Programme}	Year 21-22	1 st year [05] + { 09 }	2 nd year [03] + { 07 }	3 rd year [08] + { 02 }
	Course wise & Year wise <u>passed</u> Students- strength particulars		21-22	[--] + { -- }	[--] + { -- }	[08] + { 2+2 }

**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	20-21	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	20-21	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 conducted on 18/08/2020. Internal examination of 1 st , 3 rd & 5 th Semester students was held on 25/02/2021 to 26/02/2021. Internal Examination of Semesters- II, IV, VI started on & from 24/06/2021 to 25/06/2021.		
3	Add-on/Certificate Courses completed during Academic Year	20-21	NIL		
4	Plan for introduction of new Add-on/Certificate Courses in Academic Year	20-21	NIL		
5	Coverage of Syllabus (Average Percentage)	20-21	Syllabus is covered for all courses of UG program within the stipulated time period. 5 th semester classes began on 10/09/2020, and more than 80% theory syllabus was completed on 22/01/2021 and around 80% practical syllabus was completed and the classes were dissolved on 31/03/2021. 6 th semester classes began on 08/05/2021, and almost 90% theory and 80% practical syllabus was completed on 14/06/2021 and classes were dissolved on 24/07/2021.		



Department of Chemistry

Khatra Adibasi Mahavidyalaya

6	Maintenance of Student Attendance Registers	20-21	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	20-21	Yes (Through Online)		

III - TEACHING, LEARNING & EVALUATION (with Attachments)		Year	Statement	Impression/Recommendation/Remark by Academic Advisors	Status
1	Plan of Action and Achievement	20-21	Record of Plan of Action and Achieved of each session is well maintained by the department.		
2	Co-Curricular Activities (Departmental Level)	20-21	Students of the department participate different sports and cultural activities and departmental quiz competition.		
3	Degrees offered	20-21	UG Hons. & programs are run by the department.		
4	Conduct of Internal Examinations-continuous assessment & Mid-Term Test	20-21	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 25/02/2021 to 26/02/2021 and that of 2 nd , 4 th and 6 th semester students was held from 24/06/2021 to 25/06/2021.		
5	Remedial Classes	20-21	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 15/03/2021 to 25/03/2021. Remedial classes of Semester VI taken on 25/06/2021 to 9/07/2021. (ERP)		
6	Record of Mentoring of students by teachers	20-21	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 10/09/2020.		
7	Result Analysis for the years	20-21	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.		

IV - RESEARCH AND CONSULTANCY (with Attachments)		Year	Statement						Impression/Recommendation/Remark by Academic Advisors			Status	
1	No. of Research Guides in the Department	20-21	Nil										
2	No. of Faculty registered for Ph. D	20-21	00										
3	Number of Major/Minor/Other Research Projects	Year	Major			Minor		Others					
		20-21	Nil			Nil		Nil					
4	Number of Research Papers Published in Academic year (Annexure 5) (Internationals/Nationals Journals)	Year	International			National		State Level					
		20-21	02			00		00					
5	Number of Papers Presented in (International/National/State Level Conference) (attach details)	Year	International			National		State Level					
		20-21	00			00		00					
6	Number of Books Published in (Single Author/Co Author)	Year	As a Single Author				As a Co-Author						
		20-21	00				00						
7	Number of Seminars / Workshops / Training Program Conducted in the Academic year (International / National /	Year	Seminars			Workshops			Training Program				
			I	N	S	I	N	S	I	N	S		
		20-21	00	01	00	00	00	00	00	00	00		

Page 4 of 9


Department of Chemistry

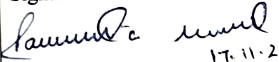

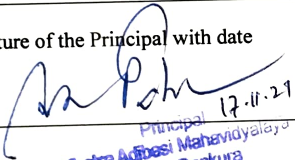
Khatra Adibasi Mahavidyalaya

	State) (attach details) (Annexure 6)											
8	Student Seminars/ Workshop/ Exhibition/ Project in the Academic Year (other than University)	Year	Seminar		Workshop		Exhibition	Project				
		20-21	00		Nil		Nil	Nil				
9	Record of Consultancy in Academic year (attach details)	20-21	Nil									
10	Record of MOUs in Academic year (attach details)	20-21	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)	20-21	NIL		

Recommendation/Suggestions by Academic Advisors

Suggestions for improvement /progress of the department		Sheet attached	
		Signatures of Academic Advisor with designation	Seal
1			
2		1  Principal Onda Thana Mahavidyalaya P.O. Murakota, Dist.-Bankura	
3		3	

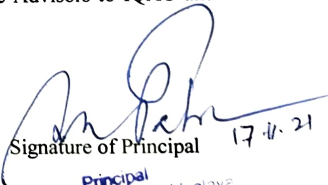
Signature of the HOD with date  17.11.21	Dept. of Chemistry Khatra Adibasi Mahavidyalaya Khatra :: Bankura	 Coordinator 17/11/2021 IQAC Khatra Adibasi Mahavidyalaya Khatra : Bankura
Signature of the Principal with date  17.11.21 Principal Khatra Adibasi Mahavidyalaya Khatra, Bankura		

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 17.11.21
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	7 Years +	Nil
Dr. Ramakanta Mondal	Ph.D	Assistant Professor	Protein conformational dynamics, Ion Transportation Mechanism	2 Years +	Nil
Mr. Soumen Rakshit	M.Sc	State Aided College Teacher	Inorganic Chemistry	3 Years +	Nil
Mr. Saroj Modak	M.Sc	State Aided College Teacher	Organic Chemistry	3 Years +	Nil
Mr. Bivas Dey	M.Sc	State Aided College Teacher	Physical Chemistry	1 Years +	Nil



Annexure 2: Syllabus Module

Session	Link
2020-2021	https://www.kamv.ac.in/dept_catg/1718885266_Syllabus%20Module%2020-21.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/1717490676_CO%20&%20PO%20Chemistry-2020-21.pdf

Annexure 4: Result Analysis of 2020-2021 session

Name	Semester	Student ID	Percentage	Current Position	Phone Number
Anupam Chakraborty	Semester VI	18113114001	64.84	Applied for admission in B. Ed from Uttaran College of Education, Onda, Bankura.	6207624123
Chandidas Kundu	Semester VI	18113114002	69.15	Applied for admission in B. Ed from Aryan College of Education, Sonamukhi, Bankura	8918893335
Dipak Garai	Semester VI	18113114003	73.20	Applied for admission in B. Ed from Radharani B. Ed. College, Khatra, Bankura	9932919963
Manas Pathak	Semester VI	18113114004	70.53	Preparing for M. Sc. entrance examinations	6295632269
Riya Mukherjee	Semester VI	18113114005	74.92	Preparing for M. Sc. entrance examinations	8167007408
Sankha Subhra Patra	Semester VI	18113114006	76.80	Preparing for M. Sc. entrance examinations	9064875657
Sushmita Mahanty	Semester VI	18113114007	74.77	Applied for admission in B. Ed	9749089151
Swaraj Patra	Semester VI	18113114008	75.3	Preparing for competitive examinations	8906867031



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	Journal of Industrial and Engineering Chemistry	1226-086X	https://www.scopus.com/sourceid/21100914527	https://www.sciencedirect.com/science/article/abs/pii/S1226086X21004597?via%3Dihub	Yes

Annexure 6: Number of Seminars / Workshops / Training Program Conducted in the Academic year (International / National / State)

Session	Link
2020-2021	https://kamv.ac.in/dept_catg/1709200641_Exploring%20Science%20Its%20Beauty%20and%20Necessity.pdf

