



Department of Chemistry

Khatra Adibasi Mahavidyalaya

Academic Audit: - Department: Chemistry

Period of Audit: 2019- 2020

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. Swarup Kumar Maji Mobile No: 9609077369	E-mail: swarupkrmaji@gmail.com			
3	Name of the IQAC Coordinator, email & Mob. No.	Name: Prof. Alok 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		
		Govt. approved:		01		
		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	1 st year	2 nd year	3 rd year
			19-20	[03] + { 08 }	[08] + { 09 }	[06] + { 02 }
	Course wise & Year wise <u>passed</u> Students- strength particulars		19-20	[--] + { -- }	[--] + { -- }	[6+1] + { 0 }



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II-CURRICULAR ASPECTS (with Attachments)		Session	Statement	Impression/Recommendation/ Remark by Academic Advisors	Status
1.	Departmental Annual Curricular Plans	19-20	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 25/07/2019. Other departmental meetings were held on 14/12/19, 01/04/20. PO, CO & PSO were also formulated (Annexure 3).		
2	Departmental Activities and Records of students' and Teachers' participation for the Academic Year	19-20	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 02/09/2019. Internal examination of 1 st , 3 rd & 5 th Semester students was held on 04/11/2019 to 05/11/2019. Internal Examination of Semesters- II, IV, VI started on & from 28/05/2020 to 29/05/2020.		
3	Add-on/Certificate Courses completed during Academic Year	19-20	NIL		
4	Plan for introduction of new Add-on/Certificate Courses in Academic Year	19-20	NIL		
5	Coverage of Syllabus (Average Percentage)	19-20	Syllabus is covered for all courses of UG program within the stipulated time period. 5 th semester classes began on 01/09/2019, and 100% theory syllabus was completed on 14/12/2019 and around 100% practical syllabus was completed and the classes were dissolved on 14/12/2019. 6 th semester classes began on 3/02/2020, and almost 90% theory and 40% practical syllabus was completed on 15/06/2020 and classes were dissolved on 25/07/2020.		
6	Maintenance of Student Attendance Registers	19-20	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.		



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7	Feedback forms on Curriculum from students	19-20	Yes (Through Online)		
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III - TEACHING, LEARNING & EVALUATION (with Attachments)		Year	Statement	Impression/Recommendation/Remark by Academic Advisors	Status
1	Plan of Action and Achievement	19-20	Record of Plan of Action and Achieved of each session is well maintained by the department.		
2	Co-Curricular Activities (Departmental Level)	19-20	Students of the department participate different sports and cultural activities and departmental quiz competition.		
3	Degrees offered	19-20	UG Hons. & programs are run by the department.		
4	Conduct of Internal Examinations-continuous assessment & Mid-Term Test	19-20	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 04/11/2019 to 05/11/2019 and that of 2 nd , 4 th and 6 th semester students was held from 28/05/2020 to 29/05/2020.		
5	Remedial Classes	19-20	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 15/03/2020 to 25/03/2020. Remedial classes of Semester VI taken on 25/06/2020 to 10/07/2020.		
6	Record of Mentoring of students by teachers	19-20	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 01/09/2019.		
7	Result Analysis for the years	19-20	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	19-20	Nil										
2	No. of Faculty registered for Ph. D	19-20	00										
3	Number of Major/Minor/Other Research Projects	Year	Major		Minor		Others						
		19-20	Nil		Nil		Nil						
4	Number of Research Papers Published in Academic year (Annexure 5) (Internationals/Nationals Journals)	Year	International		National		State Level						
		19-20	01		00		00						
5	Number of Papers Presented (International/National/State Level Conference) (attach details)	Year	International		National		State Level						
		19-20	00		00		00						
6	Number of Books Published (Single Author/Co Author)	Year	As a Single Author			As a Co-Author							
		19-20	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		
		19-20	00	00	00	00	00	00	00	00	00		
8	Student Seminars/ Workshop/ Exhibition/ Project in the Academic Year (other than University)	Year	Seminar		Workshop		Exhibition		Project				
		19-20	00		Nil		Nil		Nil				
9	Record of Consultancy in Academic year (attach details)	19-20	Nil										
10	Record of MOUs in Academic year (attach details)	19-20	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)	19-20	NIL				



Recommendation/Suggestions by Academic Advisors

Suggestions for improvement /progress of the department		Sheet attached		
1		Signatures of Academic Advisor with designation		Seal
2		1	<i>Bhabej</i> Principal	
		2	Onda Thana Mahavidyalaya P.O.-Muraketa, Dist. Bankura	
3		3		
Signature of the HOD with date <i>Sudesh Kumar Maji</i> 16-11-2021		Dept. of Chemistry Khatra Adibasi Mahavidyalaya Khatra :: Bankura		
Signature of the Teacher In Charge with date <i>[Signature]</i> 16/11/2021		Coordinator IQAC Khatra Adibasi Mahavidyalaya Khatra : Bankura		

Teacher-in-Charge
Khatra Adibasi Mahavidyalaya
Khatra :: Bankura

Declaration by the Teacher in Charge

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] 16/11/2021
Signature of Teacher in Charge
Teacher-in-Charge
Khatra Adibasi Mahavidyalaya
Khatra :: Bankura



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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	6 Years +	Nil
Mr. Soumen Rakshit	M.Sc	Guest Teacher	Inorganic Chemistry	2 Years +	Nil
Mr. Saroj Modak	M.Sc	Guest Teacher	Organic Chemistry	2 Years +	Nil
Mr. Parimal Konar	M.Sc	Guest Teacher	Physical Chemistry	2 Years	Nil

Annexure 2: Syllabus Module

Session	Link
2019-2020	https://www.kamv.ac.in/dept_catg/1718885214_Syllabus%20Module%2019-20.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/1717490654_CO%20&%20PO%20Chemistry-2019-20.pdf

Annexure 4: Result Analysis of 2019-2020 session

Name	Semester	Student ID	Percentage	Current Position	Phone Number
Ayan Sannigrahi	Semester VI	17363114003	69.76	WB Pollice	9382855911
Sourav Sahana	Semester VI	17363114007	60.30	Preparing for competitive examinations	8617048506
Adarsha Pathak	Semester VI	17363114009	61.23	Preparing for competitive examinations	9547355723
Santanu Kar	Semester VI	17363114008	57.23	Preparing for competitive examinations	7365849266
Apurba Mandal	Semester VI	17363114006	60.53	Preparing for competitive examinations	7699003512
Souvik Atha	Semester VI	17363114002	68.15	Preparing for competitive examinations	9932894704
Priyabrata Pal	3 rd Year	Roll – 17SH-207, No - 0023	65.0	Preparing for competitive examinations	8918016989

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/21100914527	https://pubs.acs.org/doi/10.1021/acsanm.9b01675	Yes