



Khatra Adibasi Mahavidyalaya

Khatra, Bankura, West Bengal

Department of Mathematics

Academic Audit: 2018-2019

Academic Audit: - Department of Mathematics

Period of Audit: 2018-2019

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

1	Name of the Department, Website, email and Ph. No.	Department: Mathematics Phone no: 9614804084	E-mail: aikbalin@gmail.com			
2	Name of the HOD, email & Mob. No.	Name: Dr. Md. Asif Ikbal Mobile No: 9614804084	E-mail: aikbalin@gmail.com			
3	Name of the IQAC Coordinator, email & Mob. No.	Name: Dr. Dr. Alok Bhowmik Mobile No: 8910120338	E-mail: aloke.b05@rediffmail.com			
4	Year of Establishment/ Year of Affiliation	2008 (started B.Sc. General), 2012 (started B.Sc. Honours)				
5	NAAC Grade with Cycle, Accredited Year (if not Accredited Status of Preparations)	Grade B+ (2.64) 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 and Present Strength of the Department: (Annexure I)		Govt. Approved Sanctioned teaching post	Present strength		
		Full time Teacher:	02	01		
		Guest Teachers:	02	02		
		Invitee Lecturer:	NA	Nil		
9	Course wise & Year wise <u>enrolled</u> Students- strength particulars	No. of Students [Honours] +	Year	1 st Year	2 nd Year	3 rd Year
			18-19	[10] + { 02 }	[09] + { 02 }	[09] + { 05 }



Course wise & Year wise <u>passed</u> Students- strength particulars	{General/Program me}	18-19	[10] + { }	[4 + 8] + { 4 }	[5] + { 0 }
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Drop out: 1

II-CURRICULAR ASPECTS (with Attachments)		Session	Statement	Impression/Recommendation/ Remark by Academic Advisors	Status
1	Departmental Annual Curricular Plans	2018-19	<p>The department follows the curriculum and syllabus as prescribed by the affiliating universities (Bankura University for the 1st, 2nd, 3rd and 4th Semesters & Burdwan University for the 3rd year). In each semester (and year) 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).</p> <p>Departmental meetings regarding the distribution of the syllabus was held on 14/08/2018. Other departmental meetings were held on 04/09/2018, 17/01/2019, 01/03/2019 and 28/03/2019.</p> <p>PO, CO & PSO were also formulated (Annexure 3).</p>		



2	Departmental Activities and Records of students' and Teachers' participation for the Academic Year	2018-19	<p>Every activity is recorded such as Orientation Programme, Departmental meetings, Departmental Seminar, Student-Seminar, Class Tests, Meetings of Mentors with the mentees etc.</p> <p>Orientation Programme was held on 21/08/2018. Departmental meetings were held on 04/09/2018, 17/01/2019, 01/03/2019 and 28/03/2019.</p> <p>Internal examination of 1st Semester was held from 28/09/2018 and 29/09/2018.</p> <p>Internal examination of 3rd Semester was held on 26/09/2018, 27/09/2018 and 29/09/2018.</p> <p>Test for the 3rd year students (BU) was held on 08/02/2019 to 13/02/2019.</p> <p>Internal examination of even Semesters (2nd and 4th) was held from 26/03/2019 to 29/03/2019.</p>		
3	Add-on/Certificate Courses completed during Academic Year	2018-19	NIL		
4	Plan for introduction of new Add-on/Certificate Courses in Academic Year	2018-19	NIL		



5	Coverage of Syllabus (Average Percentage)	2018-19	Syllabus is covered for all courses of UG program within the stipulated time period. In each semester 100% syllabus is completed.		
6	Maintenance of Student Attendance Registers	2018-19	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.		
7	Feedback forms from students	2018-19	Yes (Annexure 4)		



III - TEACHING, LEARNING & EVALUATION (with Attachments)		Year	Statement	Impression/Recommendation/ Remark by Academic Advisors	Status
1	Teaching Diaries & Plans in the Prescribed Formats	2018-19	Record of Plan of Action and Achieved of each session is well maintained by the department.		
2	Co-Curricular Activities (Departmental Level)	2018-19	None		
3	Degrees offered	2018-19	UG programs are run by the department.		
4	Conduct of Internal Examinations-continuous assessment & Mid-Term Test	2018-19	Continuous assessment is carried out by the department in the form of Class Test carried. Internal assessment examinations are held.		



5	Remedial Classes	2018-19	Remedial classes are conducted for each semester on the basis of suggestions provided by the students, the topics that require special attention are revised. 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 1 st and 3 rd semester students were taken on 03/10/2018, 04/10/2018 and 05/10/2018. Remedial classes of 2 nd and 4 th semester students were taken on 08/04/2019, 09/04/2019 and 10/04/2019. Remedial classes for the 3 rd year students of BU were conducted on 25/02/2019 and 26/02/2019.		
7	Result Analysis	2018-19	Result analysis is done according to the result sheet provided by the University (Annexure 5). 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	2018-19	Nil				
2	No. of Faculty registered for Ph. D	2018-19	Nil				
3	Number of Major/Minor/Other Research Projects	Year	Major	Minor	Others		
		2018-19	Nil	Nil	Nil		
4	Number of Research Papers Published in Academic year (Internationals/Nationals Journals)	Year	International	National	State Level		
		2018-19	Nil	Nil	Nil		
5	Number of Papers Presented in Academic year 2020-2021 (International/National/State Level Conference) (attach details) (Annexure 7)	Year	International	National	State Level		
		2018-19	01	Nil	Nil		



6	Number of Books Published in Academic year 2020-2021 (Single Author/Co Author) (attach details)	Year	As a Single Author			As a Co-Author						
		2018-19	Nil			Nil						
7	Number of Book Chapters Published in Academic year 2018-19	Year	Nil									
		2018-19										
8	Number of Seminars / Workshops / Training Program Conducted in the Academic year (International / National / State) (attach details) [I – International, N – National, S – State Level	Year	Seminars			Workshops			Training Program			
		2018-19	I	N	S	I	N	S	I	N	S	
		2018-19	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
9	Student Seminars/ Departmental Seminar/Workshop/ Exhibition/ Project in the Academic Year (other than University) (Annexure 8)	Year	Seminar			Workshop		Exhibition	Project			
		2018-19	01			Nil		Nil	Nil			



10	Record of Consultancy in Academic year (attach details)	2018-19	Nil		
11	Record of MOUs in Academic year (attach details)	2018-19	Nil		

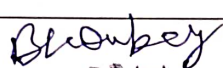
V - EXTENSION ACTIVITIES (with Attachments)		Year	Statement	Impression/Recommendation/ Remark by Academic Advisors	Status
1	Record of Subject/Department Related Extension Activities (attach details)	2018-19	NIL		
2	Field Visit (attach records)	2018-19	NIL		
3	Industry Visit (attach records)	2018-19	NIL		
4	Any Other Club (attach records)	2018-19	NIL		



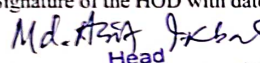
5	Any other social service activity undertaken by the students and teachers/students/teachers of the department (attach records)	2018-19	NIL		
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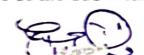
Recommendation/Suggestions by Academic Advisors

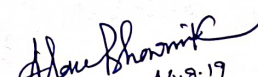
Suggestions for improvement /progress of the department		Sheet attached		
1		Signatures of Academic Advisor with designation		Seal
2		1	 Principal	
		2	Gnda Thana Mahavidyalaya P.O.-Murakata, Dist.-Bankura	
3		3		

Signature of the HOD with date


Head
Department of Mathematics
Khatra Adibasi Mahavidyalaya
14/08/2019

Signature of the TIC with date


Teacher in Charge
Khatra Adibasi Mahavidyalaya
Khatra :: Bankura
14.08.2019


Coordinator
IQAC
Khatra Adibasi Mahavidyalaya
Khatra : Bankura
14.8.19



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: 14.08.2019

A handwritten signature in blue ink, appearing to be "R. K. Saha".

Signature of Teacher-in-charge
Teacher-in-Charge
Khatra Adibasi Mahavidyalaya
Khatra :: Bankura

Annexure 1: Staff Pattern of Department of Mathematics



Faculty profile with name, qualification, designation, specialization (D.Sc./ D.Litt./ Ph.D/ M.Phil. etc.,)						
Sl. No	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Dr. Md. Asif Ikbal	Ph.D.	Assistant Professor	Bio Mathematics	3 Years +	Nil
2	Sri Sandip Deria	M.Sc.	Guest Lecturer		3 Years	Nil
3.	Sri Madhab Nandi	M.Sc.	Guest Lecturer	Pure Mathematics	3 Years	Nil
4.	Sri Chandi Das Gop	M.Sc.	Guest Lecturer	Operation Research,	Joined in February 2019	Nil



Annexure 2: Syllabus Module

Session	Link
2018-19	https://kamv.ac.in/dept_catg/1718823118_syllabus%20module%20-%202018-19.pdf



Annexure 3: CO, PO

Link for CO, PO of the Syllabus for Three Years Undergraduate Course in Mathematics Honours & Programme under Burdwan University and Bankura University (w.e.f. 2017): https://kamv.ac.in/course_outcome.php

Annexure 4: Feedback Form 2018-19



**FEEDBACK FORM
FOR THE SESSION 2016-17 TO 2018-2019**

Khatra Adibasi Mahavidyalaya
Khatra, Bankura - 722140

(Format for the assessment of the teachers by the students)

Department of Mathematics

Name of the student : Mamaj Kundu Roll No :

Features of Teaching / Teachers	Evaluation grade of the Teachers			
	Excellent	Good	Average	Not Satisfactory
Teaching Capacity	✓			
Knowledge of the Teacher		✓		
Regularity / Punctuality	✓			
Creates Curiosity within students			✓	
Use Board Work		✓		
Questioning capacity		✓		
Understanding the weakness of the student			✓	
Way of narrating / description		✓		
Literary Taste	✓			
Command on the class room			✓	
Exam. Oriented teaching / taking class tests		✓		
Uses LCD Projector / other aids		✓		
Giving time out-side the class room / helpful	✓			
Giving reference other than text			✓	
Student Friendly		✓		
Library Facility				✓
Office Interaction		✓		
Sports facility			✓	
Recreational Facility			✓	

Mamaj Kundu
Signature of the Student

[Signature]
Signature of the Principal / Teacher-in-charge
Teacher-in-Charge
Khatra Adibasi Mahavidyalaya
Khatra :: Bankura



Annexure 5: Result Analysis

Result Analysis of the Department of Mathematics 2018-2019:

Name of the Course/programme	Total No. of Students Appeared	No of Students Passed	Pass Percentage
U.G. 3 rd Year (Hons) Burdwan University	10	05	50%
U.G. 2 nd Year (Hons) Burdwan University	04	04	100%
U.G. 1 st Semester (Hons) Bankura University	10	04	40%
U.G. 2 nd Semester (Hons) Bankura University	10	10	100%
U.G. 3 rd Semester (Hons) Bankura University	09	05	55.5%
U.G. 4 th Semester (Hons) Bankura University	08	08	100%



Annexure 6:

Participated in National level workshop on Advance Mathematics (WEM 2019): June 13-22, 2019: Organized by Calcutta Mathematical Society

Annexure 7: List of publications in the session 2018-2019

Sl. No.	Title of the publication with page no. and year of publication	Name of the of publisher	ISSN/ ISBN No.	No. of Co-author	Whether you are the main author
01	Viscoelastic blood flow through stenosed artery in the presence of magnetic field (Page No. 1-15): Md Asif Ikbal	<i>Int. J. Biomedical Engineering and Technology</i> (Vol. 30, No. 01), June 2019	ISSN: 1752-6418 (Print) Web of Science, Scopus Journal, I. factor: 0.285	Single Author	Yes

Annexure 8: Student Seminar organized by the department

https://kamv.ac.in/dept_catg/1715411279_Activities_2018-19.pdf