



Khatra Adibasi Mahavidyalaya

Khatra, Bankura, West Bengal

Department of Mathematics

Academic Audit: 2019-2020



Academic Audit: - Department of Mathematics

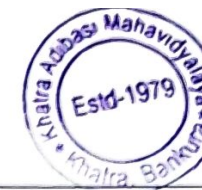
Period of Audit: 2019-2020

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

1	Name of the Department, Website, email and Ph. No.	Department: 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. 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 1)		Govt. Approved Sanctioned teaching post	Present strength		
Full time Teacher:		02	01(till 31 st Oct 19) 02 (from 1 st Nov 19)			
Govt. approved SACT:		02	02			
Invitee Lecturer:		NA	Nil			
9	Course wise & Year wise <u>enrolled</u> Students- strength particulars	No. of Students	Year	1 st year	2 nd year	3 rd year
			19-20	[14] + { 01 }	[09] + { 02 }	[08] + { 02 }



Course wise & Year wise <u>passed</u> Students- strength particulars	[Honours]+ {General/ Program me}				
		19-20	[11]+{ }	[11]+{ }	[05]+{ 0 }



II-CURRICULAR ASPECTS (with Attachments)		Session	Statement	Impression/Recommendation/ Remark by Academic Advisors	Status
1	Departmental Annual Curricular Plans	2019-20	<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).</p> <p>Departmental meetings regarding the distribution of the syllabus of the odd Semesters was held on 28/03/2019 well in advance of the commencement of the academic year.</p> <p>Departmental meeting regarding the distribution of the syllabus of the even Semesters was held on 30/01/2020.</p> <p>Other departmental meeting was held on 28/09/2019 for scheduling the dates for the internal assessments.</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	19-20	<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 22/07/2019.</p> <p>Departmental meetings were held on 28/03/2019, 28/09/2019 and 30/01/2020.</p> <p>Internal Assessment of Semesters I, III and V were held on 6th, 7th and 8th November 2019.</p> <p>Internal Assessment of Semesters II, IV and VI were conducted in online mode through submission of assignments.</p>		
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. In each semester 100% syllabus is completed.		
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.		
7	Feedback forms on Mentorship from students	19-20	Yes (Annexure 4)		



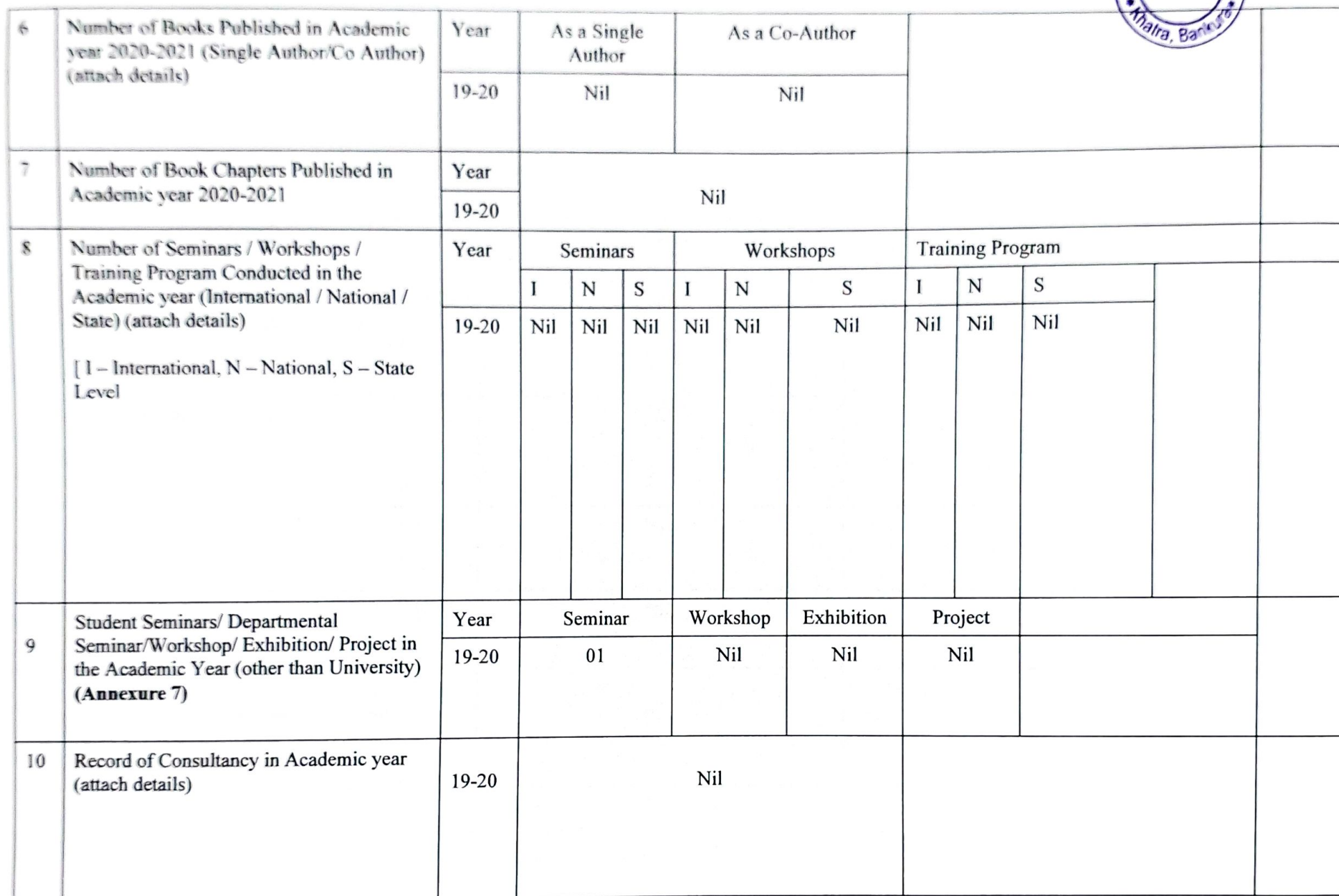
III - TEACHING, LEARNING & EVALUATION (with Attachments)		Year	Statement	Impression/Recommendation/ Remark by Academic Advisors	Status
1	Teaching Diaries & Plans in the Prescribed Formats	19-20	Record of Plan of Action and Achieved of each session is well maintained by the department.		
2	Co-Curricular Activities (Departmental Level)	19-20	None		
3	Degrees offered	19-20	UG 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. Internal assessment examinations are held in the form of assignments. Internal Assessment of Odd Semesters were held on 6th, 7th and 8th November 2019. Internal Assessment of Even Semesters were conducted in online mode through submission of assignments.		



5	Remedial Classes	19-20	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 odd semester students were taken on 18/11/2019, 19/11/2019, 20/11/2019, 25/11/2019, 26/11/2019 .		
7	Result Analysis	19-20	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	19-20	Nil				
2	No. of Faculty registered for Ph. D	19-20	Nil				
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 (Internationals/Nationals Journals)	Year	International	National	State Level		
		19-20	Nil	Nil	Nil		
5	Number of Papers Presented in Academic year 2020-2021 (International/National/State Level Conference) (attach details) (Annexure 6)	Year	International	National	State Level		
		19-20	02	Nil	Nil		








11	Record of MOUs in Academic year (attach details)	19-20	Nil		
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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		
2	Field Visit (attach records)	19-20	NIL		
3	Industry Visit (attach records)	19-20	NIL		
4	Any Other Club (attach records)	19-20	NIL		
5	Any other social service activity undertaken by the students and teachers/students/teachers of the department (attach records)	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	 Principal	
		2	Onda Thana Mahavidyalaya P.O.-Murakata, Dist.-Bankura	
3		3		

	Signature of the HOD with date  Head Department of Mathematics Khatra Adibasi Mahavidyalaya 16.11.21
	Signature of the TIC with date  Teacher-in-Charge Khatra Adibasi Mahavidyalaya Khatra :: Bankura 16/11/21


 16.11.21
 Coordinator
 IQAC
 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: 16.11.2021

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	Dr. Rima Barik	Ph.D.	Assistant Professor	Functional Analysis, Set Topology, Real Analysis	Joined on 1 st November 2019.	Nil
3.	Sri Madhab Nandi	M.Sc.	Guest Lecturer	Pure Mathematics	4 Years	Nil
4.	Sri Chandi Das Gop	M.Sc.	Guest Lecturer	Operation Research, Turbulent Flows	6 months	Nil



Annexure 2: Syllabus Module

Session	Link
2019-2020	https://kamv.ac.in/dept_catg/1718823204 syllabus%20module%20-%2019-20.pdf



Annexure 3: CO, PO

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

https://kamv.ac.in/co_po/1653725684_CO%20PO%20BKU%20KAM.pdf

Annexure 4: Feedback Form 2019-2020



FEEDBACK FORM FOR THE SESSION 2017-18 TO 2019-2020

Khatra Adibasi Mahavidyalaya
Khatra, Bankura - 722140



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

Department of Mathematics

Name of the student : Ujjwal Patra 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	✓			

Ujjwal Patra

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 Mathematics Department 2019-2020:

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	5	50%
U.G. 1 st Semester (Hons) Bankura University	15	11	73.3%
U.G. 2 nd Semester (Hons) Bankura University	11	11	100%
U.G. 3 rd Semester (Hons) Bankura University	12	07	58.3%
U.G. 4 th Semester (Hons) Bankura University	11	11	100%
U.G. 5 th Semester (Hons) Bankura University	08	05	62.5%
U.G. 6 th Semester (Hons) Bankura University	08	05	62.5%





Annexure 6: Papers Presented in the session 2019-2020

Sl. No.	Title of the invited lecture /paper presented	Title of Conference/ Seminar with date	Organized by	Whether International/ National /State or University level
1	Mathematical Model of Micropolar Fluid Flow through Stenosed Artery with mass Transfer: Dr. Md Asif Ikbal	Two Days International Seminar on Classical to Quantum Computing. 15/02/2020 to 16/02/2020	Dept. of Physics, B.Voc., Computer Science & Mathematics. Egra SSB College, Purba Medinipur	International Level Seminar
2	Studies on Blood Flow through patient-specific stenotic artery, Dr. Md. Asif Ikbal	International Conference on Mathematical Science and Application 26/02/2020 to 28/02/2020	Department of Mathematics, University of Kalyani, WB	UGC-SAP-DRS-II Sponsored International Level Seminar

Annexure 7: Student Seminar organized by the department

https://kamv.ac.in/dept_catg/1715411301_Activities_2019-20.pdf