



Khatra Adibasi Mahavidyalaya

Khatra, Bankura, West Bengal

Department of Physics

Academic Audit: 2019-20



Academic Audit of Department of Physics


Period of Audit: 2019-20

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

1	Name of the Department, Website, email and Ph. No.	Department: Physics E-mail: phys.siddhartha@kamv.ac.in Mobile No: 8697342455				
2	Name of the HOD, email & Mob. No.	Name: Dr. Siddhartha Sinha E-mail: phys.siddhartha@kamv.ac.in Mobile No: 8697342455				
3	Name of the IQAC Coordinator, email & Mob. No.	Name: Dr. Alope Bhowmik E-mail: alokebhowmik.b05@gmail.com Mobile No: 9475623715				
4	Year of Establishment/ Year of Affiliation	2008: General Course under Burdwan University (BU); (Intake Capacity 40) 2017: Honours & Program Courses under Bankura University (BKU); (Intake Capacity 20)				
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	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	02 <small>(1 New faculty joined)</small>	
		Govt. approved SACT:		00	00	
		Invitee Lecturer:		NA	Nil	
9	Course wise & Year wise Registered Students	No. of Students Honours{Progam}	Year	1 st Sem	3 rd Sem	5 th Sem
			2019-2020	03{03}	00{02}	01{}
	Passed Students in 2020		Appeared in the Final Year Exam		01{02}	
			Passed (Exit Batch in 2020)		00{00}	



II-	Session	Statement	Impression/Recommendation/	Status
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CURRICULAR ASPECTS(with Attachments)			Remark by Academic Advisors	
1 Departmental Annual Curricular Plans	19-20	<p>The existing guest lecturers resign from their teaching posts at the beginning of the session and the odd semester classes are taken by a single teacher. Our second Full Time faculty, Dr. Arindam Chakrabarti, joins the department midway through the session. This faculty strength continues to this day.</p> <p>From this session onwards, the dual affiliation of the department ends & curricular plans are designed only for BKU Honours & Program students.</p> <p>The syllabus is divided into modules and units well before classes begin, and it is executed, as far as possible for the odd semesters in a planned and systematic manner. (Annexure 2).</p> <p>PO, CO & PSO were formulated (Annexure 3) for 1st, 3rd & 5th Semesters.</p> <p>Departmental meeting regarding the distribution of the syllabus of all students was held on 18.12.2019 (Wed). PO, CO & PSO were also formulated (Annexure 3) for 2nd, 4th & 6th Semesters.</p>		

2	Departmental Activities and Records of students' and Teachers' participation for the Academic Year	<p>Almost 90% of all lab equipments (as required by BKU syllabus) are purchased and installed. Some experimental set-ups related to Solid State Physics and Electromagnetic theory experiments were not purchased due to their excessive prices.</p> <p>Dr. Siddhartha Sinha attended the 126th Orientation Programme, conducted by CU in the period Aug-30 to Sept 20, 2019.</p> <p>From April, 2020 onwards, all classes were taken in online mode (due to Covid-19 protocols), using Google Meet, through the College ERP.</p> <p>IA for 1st, 3rd & 5th sem students were held on 06/11/2019, 07/11/2019 & 08/11/2019.</p> <p>IA for 2nd, 4th & 6th sem students were held in online mode (due to Covid-19 protocols) in the period from 25/5/2020 to 31/05/2020.</p>		
3	Add-on/Certificate Courses completed during Academic Year	NIL		
4	Coverage of Syllabus (Average Percentage)	70% of syllabus is covered for the even semesters due to presence of only one full time teacher during that period. For the ensuing even semester, syllabus coverage was 100%, as the second full time faculty had joined. Classes for the even semesters began on 03.02.2020, and was shifted to online mode from April onwards due to Covid-19 protocols.		
5	Maintenance of Student Attendance Registers	Day to day attendance is recorded in the Student Attendance Registers. Students were made aware about the importance of their percentage of attendance in their classes.		



III - TEACHING, LEARNING & EVALUATION (with Attachments)	Year	Statement	Impression/Recommendation/ Remark by Academic Advisors	Status
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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 and also reflected in website.		
2	Co-Curricular Activities (Departmental Level)	19-20	Nil		
3	Degrees offered		B Sc. Hons., GE and Program (BKU)		
4	Conduct of Internal Examinations-continuous assessment & Mid-Term Test		IA for 1 st , 3 rd & 5 th sem students were held on 06/11/2019, 07/11/2019 & 08/11/2019. IA for 2 nd , 4 th & 6 th sem students were held in online mode (due to Covid-19 protocols) in the period from 25/5/2020 to 31/05/2020		
5	Result Analysis		Result analysis is done according to the result sheet provided by the University (Annexure 4). After critical analysis of the results in departmental meeting, the students are advised about how to improve in the term end examinations.		



IV - RESEARCH AND CONSULTANCY (with Attachments)		Yr	Statement			Impression/Recommendation/Remark by Academic Advisors			Statu s		
1	Faculty registered/pursuing PhD	19	Nil			Nil					
2	Number of Research Papers Published in (Internationals/Nationals Journals)	20	International	National	State Level						
			Nil	Nil	Nil						
3	Number of Papers Presented in (International/National/State Level Conference) & Invited Lectures [Annexure 5]		International	National	State Level						
			00	00	Nil						
4	Number of Books Published in (Single Author/Co Author)		As a Single Author	As a Co-Author							
			Nil	Nil							
5	Number of Book Chapters		Nil								
6	Number of Seminars / Workshops / Training Program Conducted in		Seminars		Workshop s	Training Program					
			I	N	S	I	N	S	I	N	S

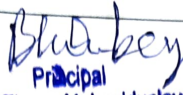
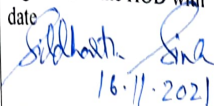

the Academic year (International / National / State) (attach details) [I – International, N – National, S – State Level	0	0	0	0	0	0	0	0	0	0		
	Seminar		Workshop		Exhibition		Project					
7 Student Seminars/ Departmental Seminar/Workshop/ Exhibition/ Project in the Academic Year (other than University)	Nil		Nil		Nil		Nil					
8 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
Record of Subject/Department Related Extension Activities	19-20	Nil		



Recommendation/Suggestions by Academic Advisors



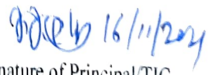
Suggestions for improvement /progress of the department	Sheet attached	
	Signatures of Academic Advisor with designation	Seal
	 Principal Onda Thana Mahavidyalaya P.O.-Murakata, Dist.-Bankura	
Signature of the HOD with date	 16.11.2021 Head Department of Physics Khatra Adibasi Mahavidyalaya	
Signature of the Teacher-in-Charge with date	 16/11/2021 Teacher-in-Charge Khatra Adibasi Mahavidyalaya Khatra :: Bankura	


 16.11.2021
 Coordinator
 IQAC
 Khatra Adibasi Mahavidyalaya
 Khatra : Bankura

Declaration by the Principal/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


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

List of Annexure

Annexure 1: Staff Pattern of Department of Physics

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Siddhartha Sinha	M.Sc, PhD	Assistant Professor	Gravitational Waves & Cosmology	18.03.2015 continuing
Dr. Arindam Chakrabarti	M.Sc., PhD	Assistant Professor	Correlated Systems, Phase Transition & Superconductivity	17.12.2019 continuing

Faculty Profile:

<https://kamv.ac.in/biodata/Siddhartha%20Sinha.pdf> (Dr.Siddhartha Sinha)

<https://kamv.ac.in/biodata/ARINDAM%20CHAKRABORTI.pdf> (Dr. Arindam Chakrabarti)

Annexure 2: Syllabus Module (Unitization of Syllabus through teaching assignment distribution with specified lectures)

Session	Link
2019-20	https://kamv.ac.in/dept_contents.php?did=12&item_id=2



Annexure 3: CO, PO & PSO

Link for CO, PO of CBCS Syllabus for Three Years Undergraduate Course in ~~English~~ ^{Physics} Programme under Bankura University (w.e.f. 2017):

https://kamv.ac.in/course_outcome.php

Annexure 4: Result Analysis of Dept. of Physics, 2019-2020 session

No of Students Appeared in 6 th Sem (BKU)	Course	No of Students Appeared	Course Qualified	Not Qualified	Percentage of Qualified students
6 th Sem	Hons	01	0	01 (SNC for Sem 5)	0%
6 th Sem	Program	02	0	02 (SNC for Sem 5)	0%

Resolution and Recommendation: The result indicates a zero-success rate, as both the Honours & Program students had failed to qualify in one or more papers in their fifth Semester. Apart from that, all other papers of all other semesters were cleared by all the students. For these students, it was decided to advise them to review exam papers to identify specific areas where they struggled and then seek feedback from faculty members on topics or concepts that need more attention.