# BANKI COLLEGE AUTONOMOUS DEPARTMENT OF PHYSICS



		Number and % of students securing marks in the categories						
Program name	Data type	>75%	≤75%-60%	<60%-45%	<45%- ≥Pass %	Total		
UG – PHYSICS	No.	26	14	1	1	42		
	%	61.9	33.33	2.38	2.38	100		
	Score	61.9	24.99	1.19	0.59	88.67		

#### **1b** Seminar Delivered

Name of the program	Number of seminars delivered by each student in the final year	Number of seminars delivered by each student per semester
PHYSICS	14	7

## 1c PROJECT WORK/FIELD STUDY

Name of the	Department	Project work, etc.	Project work, etc.
program		assigned	completed [%]
UG PHYSICS	PHYSICS	40	100

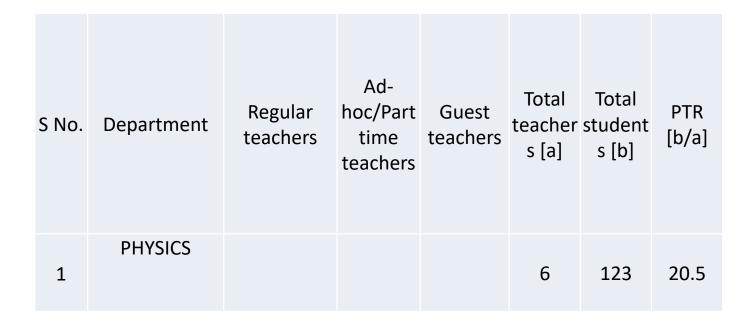
#### 1d PROGRESSION TO HIGHER STUDY

Name of the program	Department	UG to PG [%]	PG to Ph.D. [%]
UG PHYSICS	PHYSICS	>10	NIL

## **1e** <u>**DROP OUT**</u>

S. No.	Name of the program	Number of students enrolled	Number of students who have left the program	Dropouts [%]
1	PHYSICS	126	3	2.38







S. No.	Department	Activity	First prize	Second prize	Third prize	Participation
1	PHYSICS					

#### 1h <u>RESEARCH</u> <u>FELLOWSHIP/SCHOLARSHIP</u>

S. No.	Department	RA/PDF	NET/GATE	Scholarship [State/University level]	Research Assistant
1	PHYSICS			65	

#### 1i <u>NO. OF UP SKILLING /RESKILLING</u> <u>COURSES OFFERED</u>

S. No.	Department	Name of the skilling course	Date introduced [dd/mm/yy]
1	PHYSICS		

## 2a <u>TEACHING BY FACULTY</u>

SI No	Subject	Name of the faculty	Number of periods assigned per week in the time table (a)	Name of periods actually engaged per week (b)	Ratio (b/a)
1	Physics	Dr. Saroj Kumar Sahu	33	32	0.96
2	Physics	Sri Nirakar Prasad Samantaray	22	20	0.90
3	Physics	Mrs. Debasmita Rout	25	24	0.96
4	Physics	Sri Manoranjan Sahoo	24	21	0.87
5	Physics	Miss B.Pritibanya Subhalaxmi	26	25	0.96
6	Physics	Sri Brundaban Pradhan	27	25	0.92
7	Physics	Sri Satyabrata Dash	27	25	0.92

# 2b <u>RESEARCH</u> GUIDANCE/SUPERVISION

S. No.	Subject	Name of the Faculties	Numbers guided						
5. 110.			DLitt	DSc	PhD	MPhil	PG	UG	Total Guided
1	Dr. Saroj Kumar Sahu							7	7
2	Sri Nirakar Prasad Samantaray							7	7
3	Mrs. Debasmita Rout							7	7
4	Sri Manoranjan Sahoo							7	7
5	Miss B.Pritibanya Subhalaxmi							7	7
6	Sri Brundaban Pradhan							7	7
7	Sri Prasanta Kumar Tripathy							7	7
8	Sri Satvahrata Dach							7	7
	Sri Satyabrata Dash								

## 2c <u>RESEARCH PROJECT PER</u> INDIVIDUAL TEACHER

	Subject	Name of the Faculties	aculties			Project details				
S. No.	Jubjeet				Tenure:			Ongoing/		
			Title of the Funding project agency Fi		From - To	Amount sanctioned	Major/Minor	Chgoing/		
								Completed		
1	Physics	Dr. Saroj Kumar Sahu								
2	Physics	Sri Nirakar Prasad Samantaray								
3	Physics	Mrs. Debasmita Rout								
4	Physics	Sri Manoranjan Sahoo								
5	Physics	Miss B.Pritibanya Subhalaxmi								
6	Physics	Sri Brundaban Pradhan								
7	Physics	Sri Prasanta Kumar Tripathy								
8	Physics	Sri Satyabrata Dash								

#### **2d PUBLICATIONS PER INDIVIDUAL**

#### **TEACHER**

S. No	Department	Name of the author/s	Year of publication	Title of paper	Name of journal	Volume and Page numbers	ISSN/e-ISSN, if any
1		Dr Nirakar Samantray		Studies of Structural, Dielectric and Impedance Spectroscopy of Ca/Zr Modified BiFeO3 Ceramics	Materials Chemistry and physics		https://doi.org/ 10.1016/j.matc hemphys.2020. 124115
2		Dr Nirakar Samantray		Studies of Structural, Dielectric and Impedance Spectroscopy of Sr/ Zr Modified BiFeO3 ceramics	Physica B: Physics of Condensed Matter		https://doi.org/ 10.1016/j.physb .2021.413546
3		Dr Nirakar Samantray		Studies of Structural, Dielectric and Impedance Spectroscopy of Electroceramics: (Ba0.05Bi0.95)(Fe0.95Zr0.05) O3	Ferroelectrics		https://doi.org/ 10.1080/00150 193.2022.20344 33
4		Dr Nirakar Samantray		Studies of Structural, Dielectric and Electrical Properties of Ba/ Zr Modified BiFeO3 Electroceramics	Journal of Electroceram ics		<u>https://doi.org/</u> <u>10.1007/s10832</u> -023-00307-z

## 2e <u>PATENT/PRODUCT/COPY</u> <u>RIGHT/POLICY DOCUMENT</u>

S No.	Name of the faculty	Patent/Product/Copyright/Po licy document code	International/ National	Date submitted	Date registered/approve d

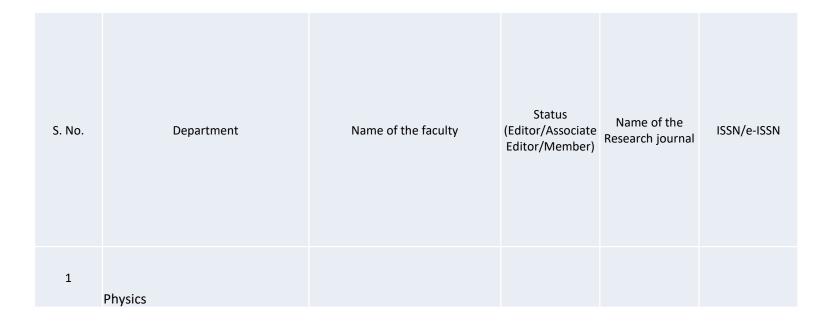
#### 2f <u>SEMINAR/SYMPOSIUM etc. ATTENDED PER</u> INDIVIDUAL TEACHER

S. No.	Department	Name of the faculty	Name of the Seminar/ Symposium, etc.	Date: From - To	International/ National	Paper presented/ Attended
1	Physics	Sri Nirakar Prasad Samantaray	NATIONAL SEMINAR ON FERROELECTRICS AND DIELECTRICS - 2018,			Dielectric and Impedance Spectroscopy of Lead- FreeElectroceramics: (Ba0.05Bi0.95)(Fe0.95Zr0.05) O3
		Sri Nirakar Prasad Samantaray	NATIONAL CONFERENCE ON SCIENCE AND TECHNOLOGY OF FUNCTIONAL MATERIALS (STFM-2019), S'O'A (Deemed to be University),			Studies of Structural, Dielectric and Impedance Spectroscopy of Lead-Free Electroceramics: (Ca0.1Bi0.9)(Fe0.9Zr0.1)O3
		Sri Nirakar Prasad Samantaray	NATIONAL WORKSHOP ON SCIENCE AND TECHNOLOGY OF LOW DIMENSIONAL SYSTEMS (STLD-2019), S'O'A (Deemed to be University)			Studies of Structural, Dielectric and Impedance Spectroscopy ofLead-Free Electroceramics: (Ca0.1Bi0.9)(Fe0.9Zr0.1)O3
		Sri Nirakar Prasad Samantaray	NATIONAL SEMINAR ON FERROELECTRICS AND DIELECTRICS- 2021,RTM, NAGPUR UNIVERSITY, NAGPUR			Studies of Structural, Dielectric and Impedance Spectroscopy of Lead-Free Electroceramics: (Ba0.05Bi0.95) (Fe0.95Zr0. 05) O3
		Sri Nirakar Prasad Samantaray	INTERNATIONAL CONFERENCE OF INTERNATIONAL ACADEMY OF PHYSICAL SCIENCES (CONIAPS XXVII), University of Kashmir (UOK)			Studies of Structural, Dielectric and Impedance Spectroscopy of Lead-Free Electroceramics: (Ba0.1Bi0.9)(Fe0.9Zr0.1)O3

## 2g <u>SERVED AS RESOURCE PERSON,</u> etc. PER INDIVIDUAL TEACHER

S. No.	Name of the faculty		Name of the Seminar/ Symposium,	Date:	International/ National	Type of contributions
			etc.	From - To		
1	PHYSICS					

## 2h <u>MEMBERSHIP IN EDITORIAL</u> BOARD OF RESOURCE JOURNALS



# **2i** EXECUTIVE POSITION IN PROFESSIONAL BODIES

S. No.	Department	Name of the faculty	Name of the professional body	Type of position	Tenure: From – To
1	PHYSICS				

# 2k <u>TRAINING PROGRAMME</u>

S. No.	Department	Name of the faculty	P/RC/O		organizer of the	Tenure:
		,	Р	National	FDP/FIP	From – To
1	PHYSICS					

# **2j** <u>MEMBERSHIP IN PROFESSIONAL</u>



S. No.	Department	Name of the faculty	Name of the professional body	Interna tional/ Nation al	member / Annual/ Sessional	
1	PHYSICS					

# 21 <u>AWARDS/HONOURS</u>

S. No.	Departme nt	Name of the faculty	Name of the Fellowship/Award	Name of the National/State Academy	Name of the Governm ent (Central/ State)	Year of the Award
1	PHYSICS					

# **2m ADMINISTRATIVE POSITIONS**

			Admini	strative position (mentio	n tenure in the cell)	
S. No.	Department	Name of the		Chairman, BoS/		Ment
		faculty	Dean/Direct or	HoD/Coordinator	Proctor Superintendent of Hostel	ion other s, if any
1	PHYSICS					

# 2n <u>CONTIBUTION TO</u> UNIVERSITY/COLLEGE EXAMINATION

			Contrib	ution to Ur	niversity/Co	ollege
S. No.	Department	Name of the faculty	Superinte ndent/ Assistant Superinte ndent		Invigilatio n/Flying squad member	Mentio n others, if any
1	PHYSICS					

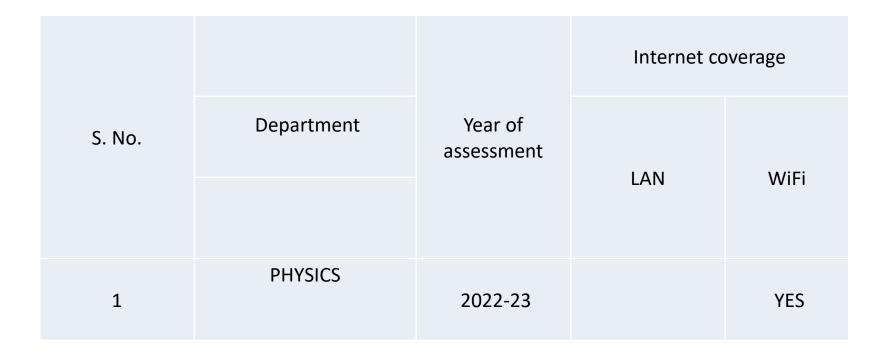
#### **3a INFRASTRUCTURE DEVELOPMENT**

		Computers added		
S. No.	Year of Assessment	Number of Computers	Specifications	
1	PHYSICS			

#### 3b BOOKS INCLUDING E-BOOK ADDED PER STUDENT

			Book,	/e-Books add	ed
S. No.	Department	Year of assessment	Number of books added per student	e-books added per student	Total number added per student
1	PHYSICS				

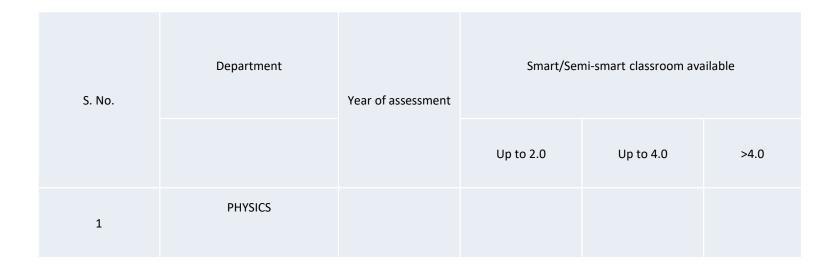
#### 3c INTERNET/WIFI/INTRANET FACILITY WITH COVERAGE IN THE DEPARTMENT



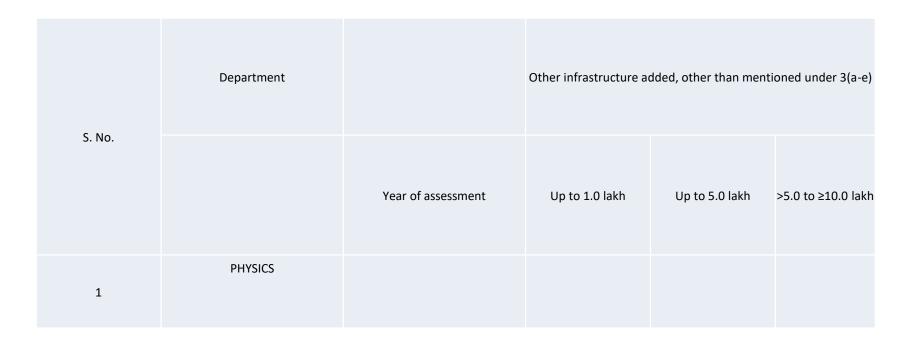
# 3d LAB EQUIPMENT ADDED TO THE DEPARTMENT



#### 3e SMART/SEMI-SMART CLASSROOMS AVILABLE IN THE DEPARTMENT



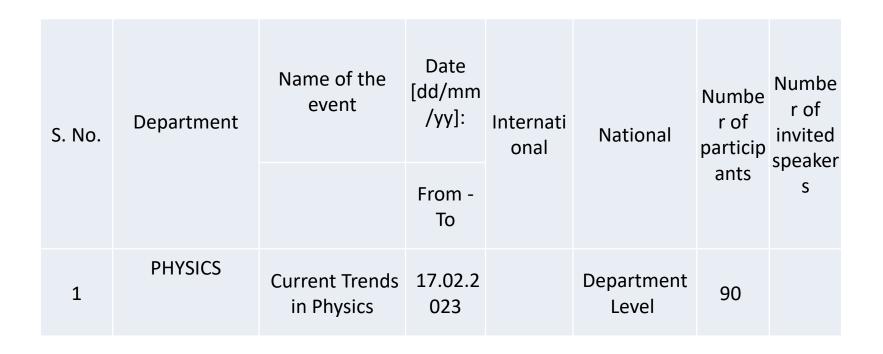
#### 3f EXPENDITURE ON OTHER INFRASTRUCTURE IN THE DEPARRTMENT



#### 4a POPULARITY OF PROGRAMS OFFERED BASED ON SAMS DATA

S. No.	Department	Number of first preferences based on SAMS data [a]	Total number of approved and available seats [b]	Popularity Index [a/b]
1	PHYSICS			

## 4b SEMINAR/SYMPOSIUM



#### 4c STAFF COUNCIL MEETING

S. No.	Department	Date [dd/mm/yy]	Number of members attended	Proceedings circulated [Y/N]	Posted to the HEI's website [Y/N]
1	PHYSICS				

#### 4d DRC MEETING



#### 4e BOS MEETING/SYLLABUS REVISION

S. No.	Department [c	Date [dd/mm/yy]	Number of members attended	Proceeding s circulated [Y/N]	The HEI's	Syllabus revision
						(in %)
1	PHYSICS	18.11.2022	09	YES	NO	0

## 4f VISIT OF PEERS/EXPERTS

S. No.	Department	Name of the visitor	Specializatio n of the visitor	Date of visit [dd/mm/yy ]	Delivered lecture [Y/N]	Interactio n with students and teachers [Y/N]
1	PHYSICS					

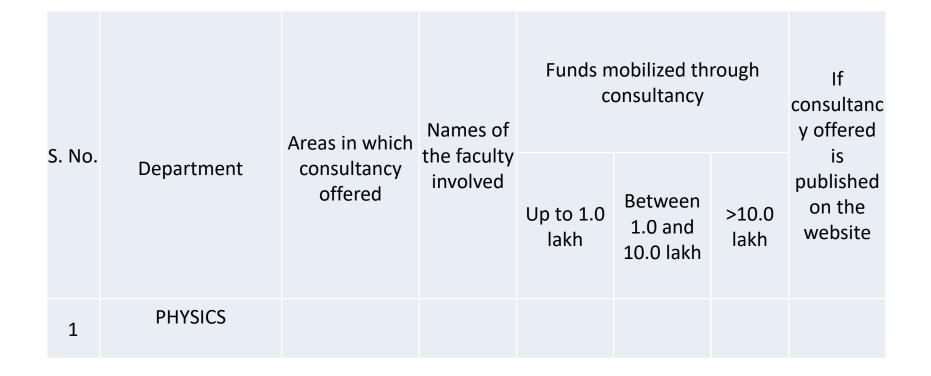
#### 4g GRANTS RECEIVED FROM FUNDING AGENCY

S. No.	Department	Title of the project	The thrust area of research	Name of the funding agency	Tenure of the project From – To
1	PHYSICS				

#### 4h DEPARTMENT MAGAZINE/JOURNAL

S. No.	Department	Title of the serials/ periodicals	Broad area of coverage	If submission s are peer- reviewed [Y/N]	Frequency	ISSN/e- ISSN or Registratio n No.	If cited in UGC-CARE list of journals [Y/N]
1	PHYSICS						

#### 4i CONSULTANCY OFFERED



#### 4j k I ALUMNI ASSOCIATION REGISTRATION/MEETING/CONTRIBUTION

S. No.	Department	If Alumni Association is registered [Y/N]	Frequency of meetings of the	Funds m	nobilized th Alumni	rough	If details of the Alumni Associatio n are
			Alumni Associatio n	Up to 1.0 lakh	Between 1.0 and 10.0 lakh	>10.0 lakh	published on the website
1	PHYSICS						

#### 4m PARENT TEACHER MEETING

S. No.	Departme nt	Frequency of Parent-Teacher meeting	Date of the last meeting held [dd/mm/yy]	Number of parents attended the last meeting	If, action taken report (ATR) is generated	publish ed on the
1	PHYSICS	02	25.02.2023	24	YES	NO

#### 4n o COLLABOARTIVE JOINT PROGRAM/MOU SIGNED

S. No.	Department	Name of peer institutions with whom collaborative programs/ MoUs signed	Number of collaborative programs/MoUs		Publicati on/ Product/	If, collabora tive programs and MoUs are published	
			Foreign	National	State/Reg ional	Programs	on the website [Y/N]
1	PHYSICS						

#### 4p OUTREACH ACTIVITY

S. No.	Department	Do you have a public outreach cell (POC) in your	have a public outreach ell (POC)				
		HEI? [Y/N]	Public lectures	Village adoption	Others, if any	[Y/N]	
1	PHYSICS						

#### 4q MENTOR-MENTEE MEETING IN A SEMESTER

S. No.	Department	Mentee	Date of the last meeting held [dd/mm/yy]	The number of mentees who benefited	If proceedin gs of the meeting drafted [Y/N]	If, proceedin gs are published on the website
1	PHYSICS	03	28.03.2023	16	YES	NO

#### THANK YOU