

Department-wise Academic Audit

Session: 2021-22

1. General

1.1. Name of the department : MATHEMATICS

1.2. Year of establishment :

General	1997
Honours	2007

1.3. Number of teaching staff (Cadre-wise):

Professor	
Associate Professor	1
Assistant Professor	1
Monastic Teacher	
SACT	2

1.4. Number of Non-Teaching and technical staff:

Non- Teaching Staff	Substantive	NIL
	College Paid	NIL
	Other	NIL
Technical Staff	Substantive	NIL
	College Paid	NIL
	Other	NIL

1.5. Programme/ Programmes offered:

UG	Honours	Mathematics
	General	Mathematics
PG	NIL	

2. Admission

2.1.

Year	Faculty	Intake Capacity	Applications Received	Students Admitted
2021-22	4	52	287	29

2.2. Were there any difficulties in realizing the sanctioned strength of students? : Yes

2.3. If yes, what were they? :

In the middle of the session, students opt for different options to different fields or other institutions.

3. Attendance

3.1. Is the record of attendance maintained for all the courses offered by the faculty/ department for the sessions? : YES

3.2. Number of students who were detained on the grounds of poor attendance for the sessions : 01

4. Result and Student Progression

4.1 Results for CBCS Batch of 2019 – 22

Semester	Appeared	Passed	SGPA	Number Of Students
Sem I	25	25	5 - 5.99	5
			6 - 6.99	13
			7 - 7.99	6
			8 - 8.99	1
			9 - 9.99	
			10	
Sem 2	25	22	7 - 7.99	15
			8 - 8.99	7
			9 - 9.99	
			10	
Sem 3	25	25	6 - 6.99	1
			7-7.99	3
			8 - 8.99	20
			9 - 9.99	1
			10	
Sem 4	25	24	5-5.99	
			6-6.99	
			7-7.99	

			8 – 8.99	21
			9 – 9.99	3
			10	
Sem 5	25	24	5-5.999	
			6-6.999	
			7-7.99	
			8 – 8.99	17
			9 – 9.99	7
			10	
Sem 6	25	24	5-5.99	
			6-6.99	11
			7 – 7.99	12
			8 – 8.99	1
			9 – 9.99	
			10	
Sem 6	25	24	CGPA	CGPA
			5-5.99	
			6-6.99	2
			7 – 7.99	8
			8 – 8.99	14
			9 – 9.99	
			10	

4.2 STUDENT PROGRESSION

Sl. No.	Name	Batch	Progression after B.Sc. Mathematics Honours
1	Mehabub Laskar	2018-2021	Pursuing MSc. In Pure Mathematics, CU
2	Sukdeb Naskar	2018-2021	Pursuing MSc. In Pure Mathematics, CU
3	Pinki Baidya	2018-2021	B.Tech. in Computer Science, Hungary
4	Abu Taher Mistry	2018-2021	Pursuing M.Sc. in Mathematics Alia University

5.	Krishnendu Mondal	2018-2021	Pursuing M.sc in Mathematics, Fakirchand college (Affiliated CU)
6.	Sourav Jana	2018-2021	Pursuing M.sc in Mathematics, Prabhu Jagatbandhu college (Affiliated CU)

4.3. Student Employment during 2021- 22 (Past Batches)

Sl. No.	Name	Batch	Organization, Position

5. Timetable and workload (with supporting document)

5.1. Are timetables for all courses offered by the department for the sessions?

Response: Yes, there are separate time tables for odd and even semesters with teaching workload distribution.

View File:

5.2. Are detailed lesson Plans made available to students at the beginning of sessions?

Response: Yes , There are separate Teaching plans for odd and even semester with teaching workload distribution, which are distributed among students at the beginning of the session.

5.3. Has provision being made for UG/ PG tutorials in the timetable:

Response: Yes, Tutorial for each core course is included in the CBCS syllabus, so there is a provision to allot one class for tutorial. Students are to prepare under the guidance of the respective teacher of the department and submit one project in the field of their respective core course and on the day of tutorial examination they have to present their project in front of all students and faculties which is followed by viva voce.

Marks distribution: total marks 15 in each core course(5 marks each for project copy + presentation+ viva-voce).

5.4. Are details of seminar presentation for the semesters/ sessions available?

: Yes

5.5. Total number of teaching hours of the dept. :

145 hours /week (70 classes /week in odd sem and 75 classes /week in even sem)

5.5.1. B. A. NA

Year	Semester	Total no. of contact hours/ week	Total no. of theory hours	Total no. of Practical/ Lab./ Tutorial hours

5.5.2 B Sc .

Year	Semester	Total no. of contact hours/ week	Total no. of theory hours	Total no. of Practical/ Lab./ Tutorial hours
2021-22	Odd	70	70	NA
	Even	75	71	04

5.6. Average no. of contact hours for SACT/ Visiting Faculty member/ week:

Response: 15 hours/ week

5.7. Average no. of hours allotted for research Independent Projects, Study

Material Development etc. per week for faculty Member during the session

: 10 hours/ week

5.8. Number of hours devoted for Extension Activities during the session:

6. Departmental Committee Reports

6.1. Dates of the meeting of the departmental Committee (DCM) during the sessions:

Response: 04 Meeting dated 14.08.21; 10.12.21; 04.02.2022; 20.04.2022.

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6.2. Are the minutes of the DCM maintained : Yes

6.3. Major follow-up action initiated at the department Level on the basis of discussions at the DCM :

Response: Resolution adopted in a joint or individual meeting of the Department of Mathematics of Sammilani Mahavidyalaya and K. K. Das College(Under MOU between two colleges), have been executed satisfactorily under the faculty and students exchange program. Organizing departmental seminars, special lectures, National level

seminars, arranging events for extra curricular activities, and celebrating National Mathematics Day are special agenda which have been fulfilled.

And as usual conducting regular classes as per common routine of both the colleges, internal examinations and student teacher interaction remain our first priority.

6.4. End Semester Report on Lesson Plan target achievement:

Response: Syllabus is completed within stipulated time. All the faculty members have taken offline and online classes (online classes are taken on holidays also) to complete the syllabus. Due to lack of faculty members we have MOU with K.K.Das college, Garia, for 6th and 4th semesters. We have successfully coordinated between the faculties of two colleges and pleased to state that we have completed the whole syllabus within stipulated time frame. After completion of syllabus, remedial and tutorial classes are taken for the slow learners and also for their project respectively.

7. Student Activities:

7.1. Are field visits arranged for students : NIL

7.2. If 'Yes', mention the dates & details of field visit for the sessions:

7.3. If 'No', Please specify reasons for not arranging Field visits:

Response: No, Since it is not included in our syllabus.

7.4. Initiative taken for remedial programme for slow learners:

Response: Remedial classes are generally taken for each semester, after completing the syllabus. Moreover remedial classes are also taken throughout the year for slow-learners, absentee students. Not only that, several exercises in Mathematics, given by the students are solved by the faculties beyond class hours in both offline and online mode.

7.5. Initiatives taken by the faculty/ department to bring out the students' talents:

Response:

- 1) **Special lecture Series** have been arranged under the Faculty and student exchange program of MOU on the online platform in Google meet for Semester - IV students.

Speaker : Souvik Mukherjee, Research Scholar, ISI, Kolkata.

Two classes per week (every Saturday from 7pm to 9pm)

During March-April, 2022.

Topics covered : Multivariate Calculus.

- 2) Every year the Department of Mathematics organizes one departmental Seminar for the benefit of the students. In 2021 -22, the webinar entitled "***A Journey from real to Abstract Analysis***" held on 29th May 2022, was organized by the department in collaboration with K.K. Das college.

Speaker: Dr. Ramkrishna Prasad Prasad Chakraborty, Principal, K. K. Das College.

For detailed report

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- 7.6. No. of research based mini projects undertaken by students under guidance of faculty members: (Year wise)

Name of the Project	No. of Participating students	Name of the Guiding Faculty

8. Faculty Research (Enclose relevant documents)

8.1. Number of PhD theses submitted by the faculty in the last 5 year: NA

8.2. No. of PhDs awarded to the faculty members in the last 5 years: Nil

8.3. No. of faculty members enlisted for PhD programme: Nil

8.4. No. of faculty members enlisted as research guide/ co-guide with dates: Nil

8.5. No. of research colloquiums organized within the faculty/ department during the sessions: Nil

9. Research Proposal (Enclose relevant documents)

9.1. No. of Research Proposal sent by the faculty members to various agencies during the sessions : Nil

9.2. No. of Research Projects sanctioned during the sessions: Nil

9.3. Total funds mobilized through projects during the sessions: Nil

10. Infrastructure Development during the period:

10.1. Major addition to the infrastructure of the department (List of Equipments, facilities & cost to be provided)

List of Equipments or Facilities	Source of Funds (UGC/ RUSA/ College/ Other- Specify)	Amount
NIL	Nil	Nil

11. Seminars/ Conferences (Enclose relevant documents):

11.1. No. of seminars/ conferences organized by the dept. during the sessions: 01

11.2. No. of papers presented in the above seminars/ Conferences:

National : NIL

International : NIL

11.3. No. of participants in the above seminars/ conferences from outside state : NA

11.4. Have the proceedings of the conferences/ workshops/Seminars organized and published? : NO

11.5. No. of papers presented per faculty member during the sessions-

National :

International :

11.6. How many international visits were made by the faculty members During the session (Faculty, Country visited and purpose in tabular form) : NIL

12. Publications (Enclose relevant documents):

12.1. No. of publications per faculty member in National/ International Journals or Books:

Name of the faculty	Title of the Paper/ chapter with journal/ book name, publication date/year and other relevant detail	National or International publication	ISSN/ eISSN/ ISBN no.	Whether UGC enlisted
NIL				

12.1. No. of publications per faculty member in Regional Journals/ Books:

Name of the faculty	Title of the Paper/ chapter with journal/ book name, publication date/year and other relevant detail	ISSN/ eISSN/ ISBN no.	Whether UGC enlisted

13. Others

13.1. Awards/ Recognition received by staff in last 5 years (Mention detail with document/s)
: NIL

13.2. Invited Lecture, Faculty Exchange or any other activity Contributing to dissemination of domain knowledge by faculty member:

Response: 'Faculty & student exchange programme' under MOU with Department of Mathematics of Sammilani Mahavidyalaya (SMV) and K. K. Das College (KKDC).

Name of the Teacher's involved	Designation	Date and number of Classes	Number of Participants
Dr. Sumita Das	Associate Professor, SMV	<u>Odd Semester</u> Start Date : 6.9.2021	225

Dr. Malay Roy	Assistant Professor, SMV	End Date: 3.2.2022 Total Class: 755(1hr. duration) <u>Even Semester</u> Start Date: 14.2.2022 End Date: 12.7.2022 Total Class: 267(1hr. duration)	76
Ms. Sukti Sen	Sact		
Dr. Raju Haldar	Sact		
Dr. Nasima Munshi	Assistant Professor, KKDC		
Mr. M. B. Subba	Assistant Professor, KKDC		
Ms. A. Roy Chowdhury	Sact		
Dr. Souvik Mukherjee	ISI, Kolkata (Guest)		

13.3. Membership of faculty member in academic/ Administrative, Professional bodies:

Dr. Sumita Das	(i) Member of Governing Body (ii) Member of IQAC (iii) Member library committee (iv) Member of Academic committee (v) Member of the Purchase Committee (v) Convener of Finance committee (vi) Nodal officer, NIRF Ranking of the college
Dr. Malay Roy	(i) Bursar of the college (ii) Convener of the Purchase committee (iii) Member of PF Committee

	(iv) Nodal Officer, Banglar UcchaShiksha Portal (v) Monitoring WBHS Portal, from college end (vi) Member of Service Book Committee (vii) Member RUSA 2.0 Monitoring Committee
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13.4. Is there any MoU signed in the last 5 years? (If 'Yes', Give details): YES

13.4. How many National/ International acclaimed experts have visited the Faculty/ Dept./ Centre (Date, Name, designation and purpose of visit):

Response: Nil

13.5. Any contribution of faculty member/s of the dept. in corporate sector/ social cause : Yes

Response: Dr. Sumita Das: (i) Member of Calcutta Mathematical society
(ii) Indian science congress

Signature
External Expert

Signature
Head of the Department
Department of Mathematics