



WELCOME
DEPARTMENT OF MATHEMATICS

SAGARDIGHI K K S MAHAVIDHYALAYA

SAGARDIGHI, MURSHIDABAD, PIN: 742 226

AFFILIATED TO UNIVERSITY OF KALYANI,

NADIA, WEST BENGAL

WEBSITE: WWW.SKKSM.AC.IN

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ABOUT DEPARTMENT

Sagardighi Kamada Kinkar Smriti Mahavidyalaya was established in the year of 2008 with the aim of empowering the students to excel academically with skills and values, fostering commitment to innovation, social responsibility, and global citizenship. After six years of establishment of college, the subject Mathematics was first introduced as a general/programme course during the academic year 2014-15 with an intake capacity of 30 students after obtaining approval from University of Kalyani.

Then from the academic year 2023-2024 Institute offers 4-year UG degree programme (with research/without research) in Mathematics (Major) and as per the Curriculum and Credit Framework for UG programmes developed by the UGC and guidelines of University of Kalyani there will be provisions of awarding UG certificate and UG Diploma and Basic UG Degree with Major.

● **Our Vision and Mission :-**

To make student oriented Deptt of Mathematics where research and education are closely related.

To provide opportunity to the students to find solutions of significant scientific questions with sharp eye for the societal benefit and application in relation to great challenges of our society.

● **Our Duty and Responsibility for Providing to Student Facilities:**

- I. To make student friendly environment in clean.
- II. To supply proper apparatus instrument in lab.
- III. Scope of doing experiment with proper guidance.
- IV. We provide online facilities to read various journal.
- V. We provide extra classes for slow learners.
- VI. We provide enrich library as per syllabus & need.

Faculty Members: - 1.TANDRA SARKAR

Syllabus of U.G course under Kalyani University under C.B.C.S :

https://kwc.ac.in/pdf/SYLLABI/MATHEMATICS/Mathematics%20General_CBCS_%20Syllabus%20wef%202018-19.pdf

https://klyuniv.ac.in/wp-content/uploads/2022/01/Mathematics_General_CBCS_Syallabi_2021-22.pdf

Syllabus of U.G course under Kalyani University under N.E.P :

https://klyuniv.ac.in/wp-content/uploads/2023/08/KU_Math_NEP_2020-Final.pdf



Departmental Routine:- Academic Session 2023-24

SAGARDIGHI K.K.S MAHAVIDYALAYA ♦ SAGARDIGHI ♦ MURSHIDABAD ♦ SESSION –2022

CLASS ROUTINE FOR B.S.C. PROGRAMME 1ST, 3RD AND 5TH SEMESTER 2023-24

DAY	1	2	3	4	5	6
	10:30AM TO 11:30 AM	11:30 AM TO 12:30 PM	12:30 PM TO 01:30 PM	01:30 PM TO 02:30 PM	02:30 PM TO 03:30 PM	03:30 PM TO 04:30 PM
MONDAY		MATH-T- DSE-5TH SEM.- TS	MATH- MAJOR-1ST T.S.	MATH-SEC- 1ST T.S.	MATH-SEC- 1ST T.S.	
TUESDAY	MATH- MAJOR-1ST -T.S.	MATH- MAJOR- 1ST-T.S.	MATH- MINOR-1ST - T.S.	MATH-T- CC-3RD SEM.-TS		
WEDNESDAY	MATH-T- DSE-5 TH SEM.- TS		MATH- MAJOR-1ST- T.S.	MATH- MAJOR-1ST -T.S.	MATH-T- CC-3RD SEM.-TS	
THURSDAY						
FRIDAY						
SATURDAY						

TS-TANDRA SARKAR

Academic Calendar for the Academic session 2023-24:-

**SAGARDIGHI KKS
MAHAVIDYALYASAGARDIGHI,
MURSHIDABAD**

List of Holidays for the Academic Session: 2023-

2024(With effect from 01.07.2023)

JULY 2023	29 -Muharram (Saturday)	01
AUGUST 2023	15-Independence Day (Tuesday) 31-Rakhi Purnima (Thursday)	02
SEPTEMBER, 2023	06- Janmashtami (Wrdnesday) 18- Vishwakarma Puja (Monday) 28- Fateha-Doaz-Daham (Thursday)	03
OCTOBER, 2023	02-Gandhi Jayanti (Monday) 14-Mahalaya, (Saturday) 19-31 Durga Puja vacation	15
NOVEMBER, 2023	01-16- (puja Vacation). 19-20- Chhat Puja (Sunday & Monday) 27-Guru Nanak Birthday (Monday)	18
DECEMBER, 2023	13-College Foundation Day (Wednes Day) 25-X-mas Day (Monday)	02
JANUARY, 2024	01-New Year Day (Monday) 12-Swami Vivekananda Birthday (Friday) 15-Poush Parban (Monday) 23-Netaji Birthday (Tuesday) 26-Republic Day (Friday)	05
FEBRUARY, 2024	14- Saraswati Puja –(Wednes Day) 26- Sab-e-Barat –(Monday)	02
MARCH, 2024	08-Sivaratri-(Friday) 25-Doljatra-(Monday) 26-Holi-(Tuesday) 29-Good Friday-(Friday)	04
APRIL, 2024	10-Addl.day before Eid-ul-fitr (Wednesday) 11- Eid-ul-fitr-(Thursday) 14-B.R.Ambedkar Birthday, Bengali New Year (Sunday)	02
MAY, 2024	01-May Day-(Wednesday) 07-Rabindra Jayanti (Tuesday) 23-Buddha Purnima) (Thursday)	03
JUNE, 2024	17- Eid ul Juha (Monday) 18- Addl. Day after Eid (Tuesday)	02
	PRINCIPAL'S DISCRETION	05
Winter Recess	26-12-23 to 31-12-23	06

TENTATIVE SCHEDULE FOR INTERNAL ASSESSMENTS:

SEMESTER	1ST INTERNAL	2ND INTERNAL
SEM-I :	28-11-2023	03-03-2024
SEM-III	29-11-2023	16-02-2024
SEM-V	30-11-2023	05-01-2024
SEM-VI	05-03-2024	07-05-2024
SEM-IV	06-03-2024	08-05-2024
SEM-II	07-03-2024	09-05-2024

Academic Calendar 2023-2024 (Month-wise Working days):

Month	Total days	Sundays	Holidays	Total working Days
July	31	05	01	25
August	31	04	02	25
September	30	04	03	23
October	31	04	15	12
November	30	04	18	08
December	31	05	02	19
January	31	04	05	22
February	29	04	02	23
March	31	05	04	22
April	30	04	02	24
May	31	04	03	24
June	30	05	02	23
Total	366 DAYS	52 DAYS	64 DAYS	250 DAYS

Intake Capacity & eligibility rules:-

Eligibility & Recognized Boards:- candidate may be admitted to the first semester of four – year (Eight Semester) UG - Courses of Studies on passing Higher Secondary (10 + 2) Examination in general conducted by the West Bengal Council of Higher Secondary Education or an equivalent examination conducted by other State Board / Council , or The W.B. Council of Rabindra Open Schooling , or The National Institute of Open Schooling (NIOS) recognized by the Distant Education Bureau (DEB) subject to fulfillment of the conditions mentioned below.

Candidates from ' other ' Boards : In case of other Boards / Councils , a candidate shall have to pass in five recognized subjects , of which one shall be English , of full marks not being less than 100 each . A candidate passing in less than five subjects shall not be eligible for admission.

Candidates from Vocational Stream:- However , Candidates passing Higher Secondary examination in vocational stream conducted by the West Bengal State Council of Technical & Vocational Education & Skill Development (WBSCTVE & SD) or any other equivalent Board / Council are also eligible for admission provided that the candidate must have passed in 5 (five) recognized subjects , of which one shall be English

Minimum Eligibility Criteria for Admission : 4 - Year UG Degree (Honours / Honours with Research) : A

student who has passed the Higher Secondary (10 + 2) Examination held by the West Bengal Council of Higher Secondary Education or its equivalent Examination from other Boards / Councils with at least five subjects including English as Compulsory Subject of 100 marks and must pass in mathematics, chemistry and physics in H.S is eligible to take admission to the UG - Courses of studies on the basis of merit and available vacancy of the particular subject (s) of the concerned college . Aggregate marks shall be calculated by adding the marks in top - five subjects, including Marks obtained in English, in order of marks secured by a candidate. Marks obtained in Compulsory Environmental Studies (if any) shall not be taken into account for calculation of aggregate marks. A candidate shall be allowed to pursue any one the Programmes in a particular Academic Session. At the initial stage, every student has to choose one Major subject and two Minor subjects.

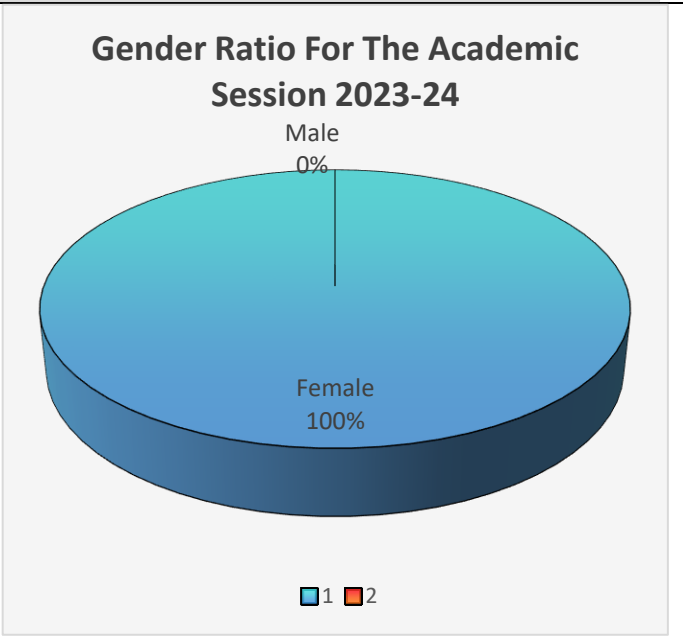
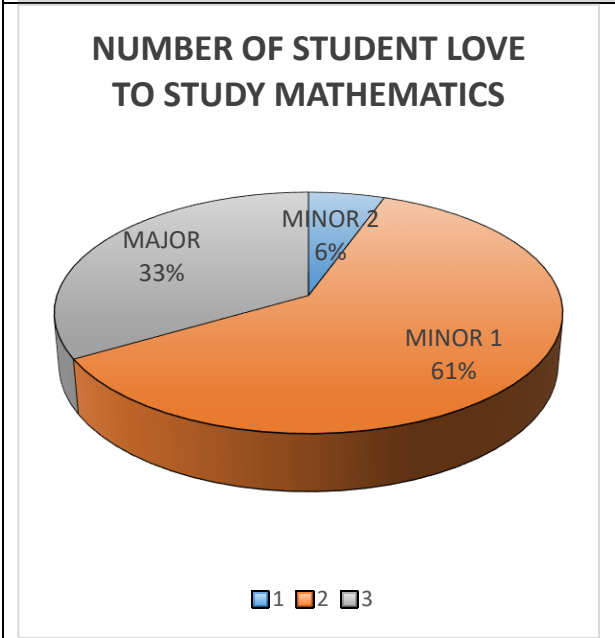
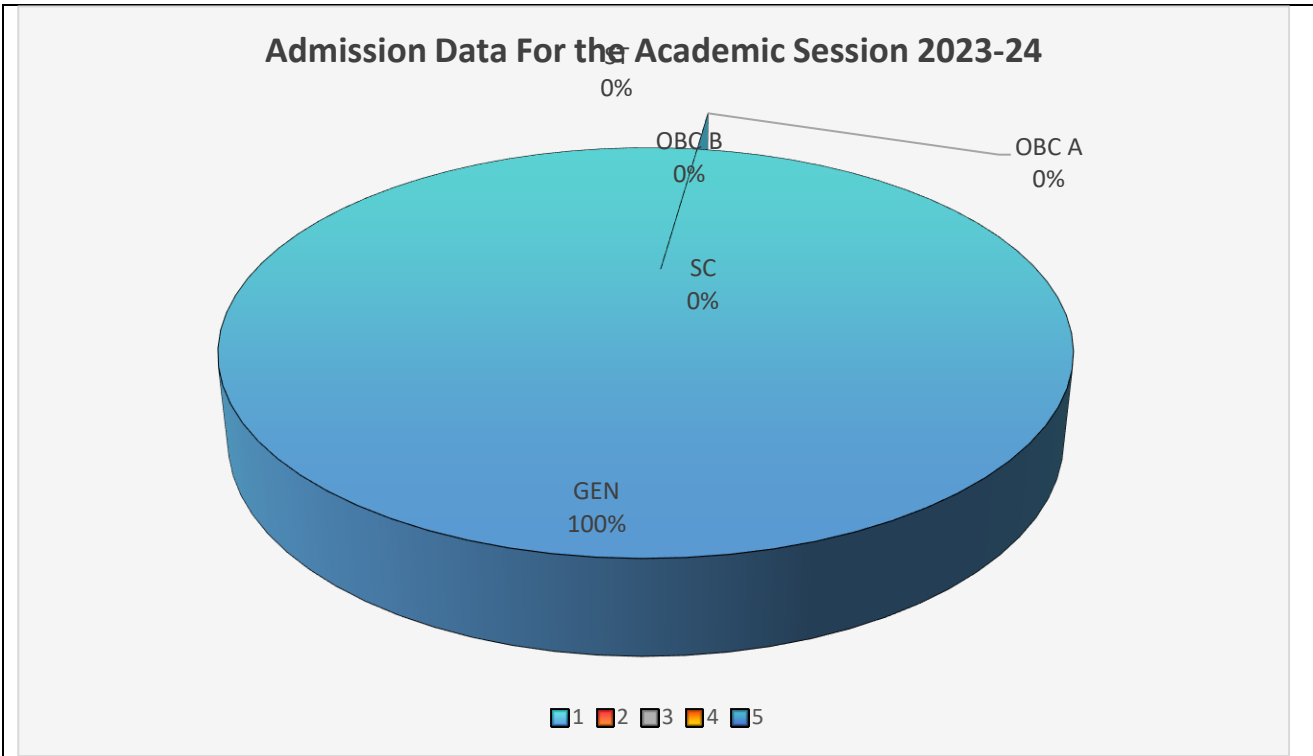
Reservation of seats there shall be reservation of seats for SC/ST/OBC-A/OBC-B/EWS and differently abled candidates as per rules/ orders of the state Government.

Undergraduate Degree Programmes of 4 - year duration, with multiple entry and exit points and re - entry options, with appropriate certifications will be provided such as : a UG certificate after completing 1 year (2 Semesters) of study in the chosen fields of study , provided that a skill based vocational course (additional 4 credits) must be completed during the summer term by the students who will exit the programme after securing 40 credits . These students are allowed to re - enter the degree programme within three years and complete the degree programme within the stipulated maximum period of seven (7) years .

A UG Diploma after 2 years (4 Semesters) of study , provided that a skill based vocational course (additional 4 credits) must be completed during the summer term by the students who will exit the programme after securing 80 credits . These students are allowed to re - enter the degree programme within three years and complete the degree programme within the stipulated maximum period of seven (7) years .

A Bachelor's Degree with Major shall be given after completing 3 - year (6 Semesters) programme of study . A Bachelor's Degree (Honours) shall be given after completing 4 year (8 Semester) programme of study . If the students complete a rigorous research project / dissertation in their major area (s) study in the 4th year of a bachelor's degree then he / she will be given Honours with Research degree .

STATISTICAL REPRESENTATION OF OUR DEPARTMENT, ACADEMIC SESSION 2023-24:-



DEPARTMENT OF MATHEMATICS

Courses Offered

Academic Session - 2023-24

	SEMESTER	COURSE	PAPER CODE	NAME OF THE PAPER	COURSE CREDIT	TOTAL	
UNDER C.B.C.S	3 rd Semester	For Programme course Students	MATH-G-CC-T-03	Real Analysis	06	02	
			MATH-G-SEC-T-01	A.Logic and Sets B.Vector Calculus (Choose any one)	02		
	4 th Semester	For Programme course Students	MATH-G-CC-T-04	Linear Programming Problems & Game Theory	06	02	
			MATH-G-SEC-T-02	A.Graph Theory B.Operating System (Linux) (Choose any one)	02		
	5 th Semester	For Programme course Students	MATH-G-DSE-T-05	A.Matrices and Linear Algebra B.Complex Analysis (Choose any one)	06	02	
			MATH-G-SEC-T-03	C.Theory of Equations D. Analytical Geometry (Choose any one)	02		
	6 th Semester	For Programme course Students	MATH-G-DSE-T-06	A. Linear Programming B. Numerical Methods (Choose any one)	06	02	
			MATH-G-SEC-T-04	A.Probability and Statistics B.Boolean Algebra (Choose any one)	02		
	UNDER N.E.P	1 st semester	For Mathematics Major Students	MATH-M-T-01	Calculus & Analytical Geometry	06	03
				MATH-SEC-T-01	Logic & Boolean Algebra	03	
			For other than Major Students	MATH-MI-T-01	Algebra & Analytical Geometry	04	
		2 nd Semester	For Mathematics Major Students	MATH-M-T-02	Algebra-I	06	03
MATH-SEC-T-02				Graph Theory	03		
For other than Mathematics Major Students			MATH-MI-T-02	Algebra & Analytical Geometry	04		
Total course Offered						14	

Internal Question: - Academic Session 2023-24:-

https://drive.google.com/drive/folders/1iEHEi64llXNrjeV0bQY46Rz0HnpqnVGM?usp=drive_link

Feed Back link for the academic Session 2023-24:-

Your feedback is an invaluable resource that drives continuous improvement, supports personalized learning, enhances engagement, and nurtures a positive learning environment. so contribute your valuable observation and experiences through your feedback.

https://docs.google.com/forms/d/e/1FAIpQLSdQjZW9czclB4ak3-g0mRbjhz-ir1NaoULvg9T0qlOpbBTuFw/viewform?usp=sf_link



Profile of our faculty members:-

TANDRA SARKAR → ↓

Name of the Department	Name and Designation	Date of joining	
MATHEMATICS	TANDRA SARKAR		
Contact No. and e-mail ID	Contact number- 9614776956 e-mail id- tandrasarkar073@gmail.com		
Academic Information	Qualification (In details like year of passing, Institution, etc.)	➤ M.Sc in MATHEMATICS Year- 2017 KALYANI UNIVERSITY	
	Area of Interest	➤ Complex analysis ➤ Algebra ➤ Real analysis	
	NET / SET (Year of passing)	SET 2018 JOINT CSIR UGC IN DECEMBER 2018	
Teaching Experience	➤ >2 Year teaching experience from my date of joining at Sagardighi K.K.S.Mahavidyalaya .		

Some Important link:-
<http://skksm.ac.in/>
<https://klyuniv.ac.in/>
<https://ugcnet.nta.ac.in/>

Departmental e-mail id
sagordighi.science20@gmail.com

Feel free to communicate

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