

**WELCOME**

DEPARTMENT OF CHEMISTRY

**SAGARDIGHI KAMADA KINKAR SMRITI MAHAVIDYALAYA**

**Sagardighi, Murshidabad, Pin: 742 226**

**Affiliated to UNIVERSITY OF KALYANI,**

**NADIA, WEST BENGAL**

**Website: www.skksm.ac.in**

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**Contact No. 03483 268966**

**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 Chemistry 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 Chemistry (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. Department is now committed to build well equipped laboratory where the student can excel their practical skills.

##### Our Vision and Mission :-

##### To make student oriented Deptt of Chemistry 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 societed benefit and application in relation to great challenges of our society.

##### Our Duty and Responsibility for Providing to Student Facilities:

##### To make student friendly environment in clean.

##### To supply proper apparatus instrument in lab.

##### Scope of doing experiment with proper guidance.

##### We provide online facilities to read various journal.

##### We provide extra classes for slow learners.

##### We provide enrich library as per syllabus & need.

##### Faculty Members: 1. DR. SIBAPRASHAD MAITY (Principal)

##### 2.SUCHISMITA KARMAKAR (SACT )

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

[**https://klyuniv.ac.in/wp-content/uploads/2022/06/Chemistry-Hons-Prog.-CBCS-syallabi-Final.pdf**](https://klyuniv.ac.in/wp-content/uploads/2022/06/Chemistry-Hons-Prog.-CBCS-syallabi-Final.pdf)

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

**https://klyuniv.ac.in/wp-content/uploads/2023/07/Chemistry-UG-Syllabus-NEP-2023-24.pdf**

Department of Chemistry

Under Graduate Programme

**COURSE DESIGN**

**SESSION 2018-2019**

# Introduction:-

# The new syllabus as stated in Preamble has been delineated in 7 sections. Course wise credit distributions are given in Section 1 and Section 5 for B.Sc(Honors) and B.Sc. (General) respectively in tabular form. Semester wise CBCS curricula, assignment of specific course names for Chemistry, credit in each course and choices of subjects are given in tabular form in Section 2 and Section 6 for B.Sc (Honors) and B.Sc. (General) respectively.

# There are 14 Core courses distributed over six semesters of B.Sc. (Honors) with Chemistry. Each Core course consists of theory and practical components. Core courses have been named as CHEMHT- N (N= 1 to 14) for theory and CHEMHP-N (N=1 to 14) for practical. All these courses are compulsory for B.Sc. (Honors) with Chemistry.

# There are 4 courses for “Skill Enhancement” from which candidates have to choose two, one out of two in Semester – I (CHEMHS-1A or CHEMHS-1B) and another (CHEMHS-2A or CHEMHS-2B) from the other two.

# Candidates have to choose 4 courses out of 6 under “Discipline Specific Elective (DSE)” papers. The choices and names are given in tabular form in Section 2. One course under DSE has been assigned as project work following the suggestion of WBHEC.

# Students of B.Sc. (Honors) have to choose 4 “Generic Elective (GE)” papers from two science subjects (Physics, Mathematics and any branch of Life Science) other than Chemistry. E.g., if a student chooses Physics and Math then he/she have to choose 2 GE papers from Physics and 2 from Math.

# Details of all the Chemistry courses are given in Section 3 and Section 7 for B.Sc(Honors) and B.Sc.(General) respectively.

# The choices under GE courses for B.Sc. (Honors) with subjects other than Chemistry have been given in Section 4.

# Generic Elective Papers for B.Sc. (Honors) with subjects other than Chemistry

|  |  |  |
| --- | --- | --- |
| **Course** | **Course Name** | **Credit** |
| Generic Elective-1 | CHEMGT-1 + CHEMGP-1 | 4+2 |
| Generic Elective-II | CHEMGT-2 + CHEMGP-2 | 4+2 |
| Generic Elective- III | CHEMGT-3 + CHEMGP-3 | 4+2 |
| Generic Elective-IV | CHEMGT-4 + CHEMGP-4 | 4+2 |

Details of syllabi are given below in Section 7.

# Course wise Credit Distribution in B.Sc. (General) with Science

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course** | **Total no of Papers** | **Credit** | | | |
| **Theory** | | **Practical** | |
| **Per paper** | **Total** | **Per paper** | **Total** |
| Core Courses | 12 | 4 | 4 x 12=48 | 2 | 2x12=24 |
| Discipline  Specific Elective | 6 | 4 | 4x6=24 | 2 | 2x6=12 |
| Ability  Enhancement (Language) | 2 | 2 | 2x2 = 4 | - | - |
| Skill Enhancement | 4 | 2 | 2x4 = 8 | - | - |
| Total | 24 | NA | 84 | NA | 36 |

1. **Semester wise CBCS curricula (Courses, course names, broad area, credit and marks) for B.Sc. (General ) with Science**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Semester** | **Course** | **Course Name** | **Broad area** | **Credit** |
| **I** | Core Course-1 (Theory) | CHEMGT-1 | Chemistry 1A | 4 |
| Core Course-1  (Practical) | CHEMGP-1 | Chemistry 1A | 2 |
| Core Course-2 (Theory) | TBD | TBD | 4 |
| Core Course-2  (Practical) | TBD | TBD | 2 |
| Core Course-3 (Theory) | TBD | TBD | 4 |
| Core Course-3  (Practical) | TBD | TBD | 2 |
| Ability Enhancement Compulsory  Course - 1 | TBD | English communication / Environmental  Science | 2 |
|  |  |  |  |  |
| **II** | Core Course-4 (Theory) | CHEMGT-2 | Chemistry – 1B | 4 |
| Core Course-4  (Practical) | CHEMGP-2 | Chemistry – 1B | 2 |
| Core Course-5 (Theory) | TBD | TBD | 4 |
| Core Course-5  (Practical) | TBD | TBD | 2 |
| Core Course-6 (Theory) | TBD | TBD | 4 |
| Core Course-6  (Practical) | TBD | TBD | 2 |
| Ability Enhancement Compulsory  Course - 2 | TBD | English communication /  Environmental Science | 2 |
|  |  |  |  |  |
| **III** | Core Course-7 (Theory) | CHEMGT-3 | Chemistry – 1C | 4 |
| Core Course-7  (Practical) | CHEMGP-3 | Chemistry – 1C | 2 |
| Core Course-8 (Theory) | TBD | TBD | 4 |
| Core Course-8  (Practical) | TBD | TBD | 2 |
| Core Course-9 (Theory) | TBD | TBD | 4 |
| Core Course-9  (Practical) | TBD | TBD | 2 |
| Skill enhancement\*\*  Course - 1 | TBD | TBD | 2 |
|  |  |  |  |  |
| **IV** | Core Course-10 (Theory) | CHEMGT-4 | Chemistry – 1D | 4 |
| Core Course-  10(Practical) | CHEMGP-4 | Chemistry – 1D | 2 |
| Core Course-11(Theory) | TBD | TBD | 4 |
| Core Course-  11(Practical) | TBD | TBD | 2 |
| Core Course-12(Theory) | TBD | TBD | 4 |
| Core Course-  12(Practical) | TBD | TBD | 2 |
| Skill enhancement Course - 2 | TBD | TBD | 2 |
|  |  |  |  |  |
| **V** | Discipline Specific\* Elective-1 (Theory) | To be chosen  from pool of courses |  | 4 |
| Discipline Specific  Elective-1 (Practical) |  |  | 2 |
| Discipline Specific Elective-2 (Theory) | To be chosen  from pool of courses |  | 4 |
| Discipline Specific  Elective-2 (Practical) |  |  | 2 |
| Discipline Specific Elective-3 (Theory) | To be chosen from pool of  courses |  | 4 |
| Discipline Specific  Elective-3 (Practical) |  |  | 2 |
| Skill enhancement Course - 3 | To be chosen  from pool of courses |  | 2 |
|  |  |  |  |  |
| **VI** | Discipline Specific Elective-4 (Theory) | To be chosen  from pool of courses |  | 4 |
| Discipline Specific  Elective-4 (Practical) |  |  | 2 |
| Discipline Specific Elective-5 (Theory) | To be chosen from pool of  courses |  | 4 |
| Discipline Specific  Elective-5 (Practical) |  |  | 2 |
| Discipline Specific Elective-6 (Theory) | To be chosen from pool of  courses |  | 4 |
| Discipline Specific  Elective-6 (Practical) |  |  | 2 |
| Skill enhancement  Course - 4 | TBD | TBD | 2 |

\* Pool of Discipline specific Electives from Chemistry:

|  |  |
| --- | --- |
| CHEMHTDSE-1A + CHEMHPDSE-1A | Polymer Chemistry |
| CHEMHTDSE-1B +  CHEMHPDSE-1B | Inorganic Materials of Industrial Importance |
| CHEMHTDSE-2A +  CHEMHPDSE-2A | Analytical Methods in Chemistry |
| CHEMHTDSE-2B +  CHEMHPDSE-2B | Instrumental Methods of Chemical Analysis |
| CHEMHTDSE-2C +  CHEMHPDSE-2C | Green Chemistry |

\*\* Pool of skill enhancement courses from Chemistry:

|  |  |
| --- | --- |
| CHEMHS – 1A | IT skills for Chemist |
| CHEMHS-1B | Basic Analytical Chemistry |
| CHEMHS – 2A | Pharmaceutical Chemistry |
| CHEMHS - 2B | Analytical clinical Biochemistry |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course title** | **Name of the course** | **Credit of course** | **Class hours/week** | **Evaluation** | **Internal Assessment** | **Total** |
| CHEM-MAT-1 | Inorganic -1A &  Physical-1A | Major (Theory) | 4 | 4 | 40 | 15 | 75 |
| CHEM-MAP-1 | Inorganic-1A & Physical-1A | Major (Practical) | 2 | 4 | 20 |
| CHEM-MIT-1A | Inorganic-1&  Organic-1 | Minor-1(Theory) | 3 | 3 | 25 | 10 | 50 |
| CHEM-MIP-1A | Inorganic-1& Organic-1 | Minor-1(Practical) | 1 | 2 | 15 |
| CHEM-MDC-1 | Chemistry in  Daily Life | Multidisciplinary  course | 3 | 3 | 35 | 10 | 45 |
| AEC | x | Ability  Enhancement Course |  |  |  |  |  |
| CHEM-SEC-1 | Pharmaceutical Chemistry | Skill Enhancement course | 3 | 3 | 35 | 10 | 45 |
| To be determined |  | Value Added course | 4 | 4 | 40 | 10 | 50 |
| **Total** |  |  | 20 | 25 |  |  | 265 |
|  | | | | | | | |

1. **Year Degree/4-Year Honours in Chemistry**

**COURSE DESIGN**

**National Education Policy-2020**

**With effect from 2023-2024**

**Semester I**

**Semester II**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course title** | **Name of the course** | **Credit of course** | **Class hours/week** | **Evaluation** | **Internal Assessment** | **Total** |
| CHEM-MAT-2 | Organic-1 | Major (Theory) | 4 | 4 | 40 | 15 | 75 |
| CHEM-MAP-2 | Organic -1 | Major (Practical) | 2 | 4 | 20 |
| CHEM-MIT-2A | Inorganic -1 & Organic-1 | Minor-2 (Theory) | 3 | 3 | 25 | 10 | 50 |
| CHEM-MIP-2A | Inorganic-1 & Organic-1 | Minor-2 (Practical) | 1 | 2 | 15 |
| CHEM-MDC-2 | Basic Industrial Chemistry | Multidisciplinary course | 3 | 3 | 35 | 10 | 45 |
| AEC-1 | Communicative English | Ability Enhancement  course | 4 | 4 | 40 | 10 | 50 |
| CHEM-SEC-2 | IT Skills for Chemist | Skill  Enhancement course | 3 | 3 | 35 | 10 | 45 |
|  |  | Summer Internship |  |  |  |  |  |
| **Total** |  |  | 20 | 23 |  |  | 265 |

**Semester III**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course title** | **Name of the course** | **Credit of course** | **Class hours/week** | **Evaluation** | **Internal Assessment** | **Total** |
| CHEM-MAT-3 | Inorganic-1B& Physical-1B | Major (Theory) | 4 | 4 | 40 | 15 | 75 |
| CHEM-MAP-3 | Inorganic-1B& Physical-1B | Major (Practical) | 2 | 4 | 20 |
| CHEM-MIT-1B | Physical- 1&Inorganic-2 | Minor-1 (Theory) | 3 | 3 | 25 | 10 | 50 |
| CHEM-MIP-1B | Physical-1 & Inorganic-2 | Minor-1 (Practical) | 1 | 2 | 15 |
| CHEM-MDC-3 | Basic Concept of Clinical  Biochemistry | Multidisciplinary course | 3 | 3 | 35 | 10 | 45 |
| AEC | x | Ability  Enhancement Course |  |  |  |  |  |
| CHEM-SEC-3 | Basic Analytical Chemistry | Skill Enhancement  course | 3 | 3 | 35 | 10 | 45 |
| To be determined |  | Value Added course | 4 | 4 | 40 | 10 | 50 |
| **Total** |  |  | 20 | 23 |  |  | 265 |
|  |  |  |  |  |  |  |  |

**Semester IV**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course title** | **Name of the course** | **Credit of course** | **Class hours/week** | **Evaluation** | **Internal Assessment** | **Total** |
| CHEM-MAT-4 | Organic-2 | Major (Theory) | 4 | 4 | 40 | 15 | 75 |
| CHEM-MAP-4 | Organic -2 | Major(Practical) | 2 | 4 | 20 |
| CHEM-MAT-5 | Physical-2 | Major (Theory) | 4 | 4 | 40 | 15 | 75 |
| CHEM-MAP-5 | Physical -2 | Major(Practical) | 2 | 4 | 20 |
| CHEM-MIT-2B | Physical-1& Inorganic -2 | Minor-2 (Theory) | 3 | 3 | 25 | 10 | 50 |
| CHEM-MIP-2B | Physical-1&  Inorganic-2 | Minor-  2(Practical) | 1 | 2 | 15 |
| X | X | Multidisciplinary course | X |  |  |  |  |
| AEC-2 | MIL | Ability  Enhancement course | 4 | 4 | 40 | 10 | 50 |
| X | X | Skill Enhancement  course |  |  |  |  |  |
| To be determined |  | Summer Internship |  |  |  |  |  |
| Total |  |  | 20 | 25 |  |  | 250 |

**Semester V**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course title** | **Name of the course** | **Credit of course** | **Class hours/week** | **Evaluation** | **Internal Assessment** | **Total** |
| CHEM-MAT-6 | Inorganic-2 | Major (Theory) | 4 | 4 | 40 | 15 | 75 |
| CHEM-MAP-6 | Inorganic -2 | Major(Practical) | 2 | 4 | 20 |
| CHEM-MAT-7 | Organic-3 | Major (Theory) | 4 | 4 | 40 | 15 | 75 |
| CHEM-MAP-7 | Organic -3 | Major(Practical) | 2 | 4 | 20 |
| CHEM-MIT-1C/ 2C | Physical- 2&Organic-2 | Minor-1/ (Theory) Minor-2 | 3 | 3 | 25 | 10 | 50 |
| CHEM-MIP-1C/ 2C | Physical- 2&Organic-2 | Minor-1/  (Practical) Minor-2 | 1 | 2 | 15 |
| **Total** |  |  | 16 | 21 |  |  | 200 |

**Semester VI**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course title** | **Name of the course** | **Credit of course** | **Class hours/week** | **Evaluation** | **Internal Assessment** | **Total** |
| CHEM-MAT-8 | Physical-3 | Major (Theory) | 4 | 4 | 40 | 15 | 75 |
| CHEM-MAP-8 | Physical-3 | Major(Practical) | 2 | 4 | 20 |
| CHEM-MAT-9 | Inorganic-3 | Major (Theory) | 4 | 4 | 40 | 15 | 75 |
| CHEM-MAP-9 | Inorganic -3 | Major(Practical) | 2 | 4 | 20 |
| CHEM-MAT-10 | Organic-4 | Major (Theory) | 4 | 4 | 40 | 15 | 75 |
| CHEM-MAP-10 | Organic-4 | Major(Practical) | 2 | 4 | 20 |
|  |  | Outreach/ Internship | 2 |  |  |  |  |
| **Total** |  |  | 20 | 24 |  |  | 225 |

**Semester VII**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course title** | **Name of the course** | **Credit of course** | **Class hours/week** | **Evaluation** | **Internal Assessment** | **Total** |
| CHEM-MAT-11 | Inorganic-4 | Major (Theory) | 4 | 4 | 40 | 15 | 75 |
| CHEM-MAP-11 | Inorganic-4 | Major (Practical) | 2 | 4 | 20 |
| CHEM-MAT-12 | Physical-4 | Major (Theory) | 4 | 4 | 40 | 15 | 75 |
| CHEM-MAP-12 | Physical-4 | Major(Practical) | 2 | 4 | 20 |
| CHEM-MAT-13 | Organic-5 | Major (Theory) | 4 | 4 | 40 | 15 | 75 |
| CHEM-MAP-13 | Organic-5 | Major(Practical) | 2 | 4 | 20 |
| CHEM-MIT-1D/ 2D | Analytical &  Industrial Chemistry | Minor-1/ (Theory) Minor-2 | 3 | 3 | 25 | 10 | 50 |
| CHEM-MIP-1D/ 2D | Analytical & Industrial  Chemistry | Minor-1/ Minor-2  (Practical) | 1 | 2 | 15 |
| **Total** |  |  | 22 | 29 |  |  | 275 |

**Semester VIII**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course title** | **Name of the course** | **Credit of course** | **Class hours/week** | **Evaluation** | **Internal Assessment** | **Total** |
| CHEM-MAT-14 | Inorganic-5 | Major (Theory) | 4 | 4 | 40 | 15 | 75 |
| CHEM-MAP-14 | Inorganic-5 | Major(Practical) | 2 | 4 | 20 |
| CHEM-MAT-15 | Physical-5 (Advance Physical  Chemistry) | Major (Theory) | 4 | 4 | 40 | 15 | 75 |
| CHEM-MAP-15 | Physical-5 (Advance Physical  Chemistry) | Major(Practical) | 2 | 4 | 20 |
| CHEM-MAT-16 | From M.Sc\* | Major  (Research Project) or Theory | 4 | 4 | 40 | 10 | 50 |
| CHEM-MAT-17 | From M.Sc\* | Major  (Research Project) or Theory | 4 | 4 | 40 | 10 | 50 |
| CHEM-MAT-18 | From M.Sc\* | Major  (Research Project) or Theory | 4 | 4 | 40 | 10 | 50 |
| **Total** |  |  | 24 | 28 |  |  | 300 |

\*Research project/ Dissertation = 12 credits for Honours with Research or Theory: To be adopted from M.Sc course

**Departmental Routine:-** Academic Session 2023-24

**SAGARDIGHI K.K.S MAHAVIDYALAYA ❖ SAGARDIGHI ❖ MURSHIDABAD ❖ SESSION –2022**

**CLASS ROUTINE FOR B.SC. (NEP 2020& CBCS) 1ST ,3RD & 5TH SEMESTER 2023-24**

**SPM – DR. SIBAPRASAD MAITY SK- SUCHISMITA KARMAKAR**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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** | CHEM-MAJOR-PR- 1ST SEM S.P.M | CHEM-MAJOR-PR- 1STS.P.M |  |  |  |  |
| **TUESDAY** | CHEM-MAJOR-1ST  -S.P.M. | CHEM-MAJOR-1ST-  S.P.M.  CHEM-T-DSE-5TH SEM.-SK | CHEM-G-CC-T 3RD SEM.-SK |  | CHEM-MINOR-1ST\_  S.K. | CHEM-MINOR-1ST\_S.K. |
| **WEDNESDAY** | CHEM-MAJOR-1ST-  S.P.M. | CHEM-MAJOR-1ST  S.P.M. | CHEM-T-DSE- 5TH SEM.-SK | CHEM-G-CC-T 3RD SEM.-SK |  |  |
| **THURSDAY** |  | CHEM.-MAJOR-PR- 1ST \_S.K. | CHEM.-MAJOR-PR- 1ST \_S.K. | CHEM-P-DSE-5TH  SEM.-SK |  |  |
| **FRIDAY** |  | CHEM.-MINOR-1STPR- S.K. | CHEM.-MINOR-PR- 1ST\_S.K. |  |  |  |
| **SATURDAY** |  |  |  |  |  |  |

**Academic Calendar for the Academic session 2023-24:-**

# SAGARDIGHI KKS MAHAVIDYALYA SAGARDIGHI, 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 | 1. Eid ul Juha (Monday) 2. 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 | 2NDINTERNAL |
| **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 ) :

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 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:-

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**Department of Chemistry**

**Courses Offered**

**Academic Session**

**2023-2024**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Semester** | **Course** | **Paper Code** | **Name of the**  **paper** | **Course Credit** | **Total** |
| **UNDER CBCS** | 3rd Semester | For Programme course Students | CHEM-G-CC-T-03 | Chemical Energetics, Equilibria, Organic Chemistry-II | 06(4T+2P) | **02** |
| CHEM-G-CC-P-03 |
| CHEM-G-SEC-T-01 | IT skills for Chemist | 02 |
| 4th Semester | For Programme course Students | CHEM-G-CC-T-04 | Solutions, PhaseEquilibria, Conductance, Electrochemistry, Transition Metal & Coordination Chemistry | 06(4T+2P) | **02** |
| CHEM-G-CC-P-04 |
| CHEM-G-SEC-T-02 | Basic Analytical Chemistry | 02 |
| 5th Semester | For Programme course Students | CHEM-G-DSE-T-1 | Polymer Chemistry | 06(4T+2P) | **02** |
| CHEM-G-DSE-P-01 |
| CHEM-G-SEC-T-03 | Pharmaceutical Chemistry | 02 |
| 6th Semester | For Programme course Students | CHEM-G-DSE-T-02 | Instrumental Methods of Chemical Analysis | 06(4T+2P) | **02** |
| CHEM-G-DSE-P-02 |
| CHEM-G-SEC-T-04 | Analytical clinical Biochemistry | 02 |
| **UNDER N.E.P** | 1St semester | For Chemistry Major Students | CHEM-M-T -1 | Inorganic-1A & Physical -1A | 06(4T+2P) | **03** |
| CHEM-M-P -1 |
| CHEM-SEC-T-1 | Pharmaceutical Chemistry | 3 |
| For other than Chemistry Major Students | CHEM-MI-T-1 | Inorganic-1 & Organic-1 | 4(3T+1P) |
| CHEM-MI-P-1 |
| 2nd Semester | For Chemistry Major Students | CHEM-M-T -02 | Organic-1 | 06(4T+2P) | **03** |
| CHEM-M-P -02 |
| CHEM-SEC-T-2 | IT Skills for Chemist | 3 |
| For other than Chemistry Major Students | CHEM-MI-T-2 | Inorganic-1 & Organic-1 | 4(3T+1P) |
| CHEM-MI-P-2 |
| **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/1FAIpQLSdQjZW9czcIB4ak3-g0mRbjhz-ir1NaoULvg9T0qlOpbBTuFw/viewform?usp=sf_link>

***Profile of our faculty members:-***

**DR. SIBAPRASAD MAITY →https://vidwan.inflibnet.ac.in//profile/332419**

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| --- | --- | --- | --- | --- |
| Name of the  Department | Name and Designation | | Date of joining | IMG-20191003-WA0003.jpg |
| **CHEMISTRY** | **SUCHISMITA KARMAKAR**  SACT-II | | 25th February , 2019 |
| Contact No. and e-mail ID | Contact number- 9614776956  e-mail id- [suchem3@gmail.com](mailto:suchem3@gmail.com) | | | |
| Academic Information | Qualification (In details like year of passing, Institution, etc.) | * M.Sc in CHEMISTRY   Year- 2015  KALYANI UNIVERSITY   * B.Ed | | |
| Specialization | In Physical Chemistry | | |
| Area of Interest | Inorganic Chemistry | | |
| Teaching Experience | * >5 Year teaching experience from my date of joining at Sagardighi K.K.S.Mahavidyalaya . | | | |

**SUCHISMITA KARMAKAR→↓**

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| --- | --- |
| **WhatsApp Image 2024-05-30 at 2.41.37 PM** | **WhatsApp Image 2024-06-01 at 2.23.24 PM** |
| **WhatsApp Image 2024-06-01 at 2.23.27 PM** | **WhatsApp Image 2024-05-30 at 2.41.34 PM** |

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

Thank you…