



10<sup>th</sup> July, 2024

### **FOR INFORMATION**

It is being notified to all concerned that the following Academic Rules and Regulations for the **5-Year Integrated Post Graduate Degree Programmes**, framed by St. Xavier's College (Autonomous), Kolkata will be applicable for the students admitted in the year 2024.

All the rules are subject to change. Any change in this respect will be communicated through College website.

Rev. Dr. Dominic Savio, SJ

**Principal**  
**St. Xavier's College**  
**(Autonomous)**  
**Kolkata**

**Rules and Regulations for 5-Year Integrated Programmes (2024-Batch  
Onwards)**  
**(Subject to Modification)**

**Section 1: Courses**

**1.1 5-Year Integrated Post Graduate Degree Courses (As on 1st July, 2024)**

Degree	Course / Specialisation	Total Credit
M.Sc. in Biotechnology	5-Year Integrated Degree Programme	210
M.Sc. in Multimedia	5-Year Integrated Degree Programme with Specialization in Animation / Design / Film Studies & Production	210

There are 9 types of courses in the new curriculum:

1. Major- The Major Course is the subject in which the degree will be awarded
2. Minor- The Minor subjects are generally complementary to the Major subject and are designed to help the student obtain a broader understanding of subjects connected to or beyond the Major course. The second minor will be chosen by the student in the second year of the course.
3. Multi-Disciplinary (MDS)- Multi-Disciplinary courses are courses from other disciplines. All students are required to take 3 introductory-level courses, 1 in Semester 1, and 2 in Semester 2.
4. Ability Enhancement Courses (AEC)- The AEC includes courses in
  - a) Modern Indian Language (Hindi/ Bengali/ Alternative English)- Semester 1
  - b) Compulsory English – Semester 3
5. Skill Enhancement Courses (SEC)- Skill Enhancement courses are designed to impart practical skills, hands-on training, soft-skills, etc.
6. Value-Added Courses (VAC)-
  - a) Environmental Science – Semester 1` and 2
  - b) Mulya Pravah and Jeevan Kaushal – Semester 3 and 4
7. Course–On Indian Knowledge System (Details to be provided in due course)
8. Optional Value Added Course (OVAC) –A Course On NCC. (Details to be provided in due course)
9. Internship- Internship is a novel aspect of the UG program to allow students to obtain experience in industry, research labs, business, community service, learning projects.  
Internship is a 2-credit course and will have to be completed by Semester 5.

**1.2 Admission process**

The admission process starts immediately after declaration of Class XII results of the various Boards.

No candidate shall be eligible for admission after a lapse of more than five years from the year of passing the previous qualifying examination.

The year of admission will not be taken into account while calculating 5 years from the year of passing the previous qualifying examination.

### **1.3    Registration**

A student who is selected for enrolment in a particular course offered by the College will have to complete admission procedures and get himself/herself registered within the notified time period. The Registration of a student is valid for 7 years including the academic year in which the registration was granted.

## **Section 2:    Attendance**

A student must obtain a minimum of 75% attendance in each paper individually – (Major/Minor/ Multi-Disciplinary / Ability Enhancement / Skill Enhancement / Value-Added).

**2.1**    A student who has less attendance will have to seek condonation from the Principal/Vice-Principal on grounds of illness or involvement in extra-curricular activities approved by the College.

- a) In case of illness, a student must submit a medical certificate along with an application for leave. Leave application must be submitted within three days of the student's absence. Submission of leave-application in itself will not ensure condonation.
- b) In case of extra-curricular activities, a student must obtain written confirmation of his/her participation from the concerned authorities: Head of Department/Presidents of College Societies/Director of Sports/Director of NSS / NCC officer-in-Charge/AICUF Adviser, countersigned by the Vice-Principal. When calculating the attendance percentage of the students representing the College in NCC and sports, due consideration will be given to the days when they so represented the College. Condonation in each case must be in explicit written form authorized by the Principal/Vice-Principal.
- c) A student who is condoned will have to pay a condonation fee within notified period of time.

**2.2**    A student will be debarred from appearing for the Semester Examination in the paper/papers in which he/she has less than the required attendance without condonation. However, subject to fulfilment of certain criteria,

- A student can write the debarred paper(s) in the next appropriate semester. For example, paper(s) debarred in semester 1 in semester 3. The debarred paper(s) of the penultimate and terminal semesters can be written during the supplementary examinations.
- For each debarred paper, a student has to complete 10 hours of monitored library work and/or he/she has to submit an assignment for each of the debarred paper.

- The student has to obtain minimum 40% marks in each of these assignments.
- The student will be evaluated only in terms of semester examination for the debarred paper. The original CIA marks will be carried forward.
- The student has to pay a fine of Rs. 1000 per debarred paper.
- The student has to pay one month's fee as enrolment fee.

**2.3** A student with attendance below 40% in all the papers in a semester taken together may be struck off the College Rolls and such a student will not be eligible for re-enrollment.

However, subject to the discretion of the Principal, such a student may be allowed to repeat the semester in the following academic year. The student will not be allowed to move forward to the next semester until he/she completes the said semester with the required attendance. In such a case, the attendance and marks of the said semester cannot be carried forward. This opportunity, if allowed, will be applicable for the following academic year only.

### Section 3: Course Structure

#### 3.1 CREDIT STRUCTURE FOR BIOTECHNOLOGY

COURSE	CREDIT PER PAPER	TOTAL NO. OF PAPERS	TOTAL CREDITS
<b>Major</b> Semesters 1-9	4	30	120
<b>Major</b> Project/Internship Semester 10		1	22
<b>Minor</b>	4	8	32
<b>Multi- Disciplinary</b>	3	3	9
<b>Ability Enhancement</b>	4	2	8
<b>Skill Enhancement</b>	3	3	9
<b>Value-Added</b>	2	4	8
<b>Internship</b>			2*
			210
*Internship of 2 credits to be completed by Semester 5			

Note: a) RELATION BETWEEN CREDITS AND CLASSES

Theory: 1 credit = 1 class/ week  
 Practical: 1 credit = 2 classes/ week

b) MARKS DISTRIBUTION:

4 credit papers are of 100 marks.

3 and 2 credit papers are of 50 marks

Internship credits carry no marks.

### Minor Courses and Choices (for Biotechnology only)

You will study 2 minor subjects. In the Table given below, subjects in **BOLD** indicate the department. Choice of Minor is listed column-wise for each department. Choice of Minor courses will be recorded at the time of enrolment.

### MINOR COMBINATIONS: FOR BIOTECHNOLOGY

POOL 1 FOR MINOR 1 SEM 1-4	MATHS	POOL 2 FOR MINOR 2 SEM 5 - 8	PHYSICS
	CHEM		
			MICROBIO
			AI

**AI Stands for Artificial Intelligence**

### MULTI-DISCIPLINARY COURSES:

You will choose 1 multi-disciplinary course in Semester 1.

You will choose 2 different multi-disciplinary courses to study in Semester 2. (These courses must be different from the one you chose in Semester 1).

The list of multi-disciplinary courses will be provided at the time of enrolment.

For Arts and Science departments, one credit for internship is to be earned by students through social work involving community engagement and service devoting a minimum 45 hours.

There will be an additional credit for co-curricular activities. A student has to perform co-curricular activities for at least 45 hours to earn this credit.

### Research Project:

For 5-Year Integrated Degree Programme in Biotechnology students will be required to complete a Research Project and Internship for 22 credits in Semester 10. Details will be provided by the Department at the appropriate time.

For 5-Year Integrated M.Sc. Curriculum for Department of Multimedia in Semester 9, students will be required to complete a Research Thesis for 12 credits. In Semester 10, Students will be required to complete a Project and Internship for 22 credits. Details of both will be provided by the Department at the appropriate time

## 3.2 CREDIT STRUCTURE FOR MULTIMEDIA

COURSE	CREDIT PER PAPER	TOTAL NO. OF PAPERS	TOTAL CREDITS
<b>Major</b> Semesters 1-9	4	27	108
<b>Major</b> Thesis Semester 9		1	12
<b>Major</b> Project/Internship Semester 10		1	22
<b>Minor</b>	4	8	32

<b>Multi- Disciplinary</b>	3	3	9
<b>Ability Enhancement</b>	4	2	8
<b>Skill Enhancement</b>	3	3	9
<b>Value-Added</b>	2	4	8
<b>Internship</b>			2*
			210
*Internship of 2 credits to be completed by Semester 5			

Note: a) RELATION BETWEEN CREDITS AND CLASSES- You Will Be Given the Credit /Class Calculation at The Start of the Semester by Your Head of the Department

b) MARKS DISTRIBUTION:

4 credit papers are of 100 marks.

3 and 2 credit papers are of 50 marks

Internship credits carry no marks.

- For Arts and Science departments, one credit for internship is to be earned by students through social work involving community engagement and service devoting a minimum 45 hours. A student has to earn at least 25 hours of social credit from NSS activities. However, a NCC Cadet who completes the NCC course, will be exempted from this social credit.
- There will be an additional credit for co-curricular activities. A student has to perform co-curricular activities for at least 45 hours to earn this credit.

#### **Research Project:**

For 5-Year Integrated M.Sc. Curriculum for Department of Multimedia in Semester 9, students will be required to complete a Research Thesis for 12 credits. In Semester 10, Students will be required to complete a Project and Internship for 22 credits. Details of both will be provided by the Department at the appropriate time

### **Section 4: Continuous Internal Assessment**

**4.1** CIA comprises 30% of the total weightage of each paper.

**4.2** Forms of CIA may include: Mid-Semester Examination, Class Tests, Assignments, Seminars, Tutorials, Laboratory Assignments, Term Papers.

**4.3** Attendance marks will be awarded according to the calculation given below:

Attendance %	5 (For 100 mark paper)	3 (For 60 marks paper)	2 (For 50 Marks Paper)	2 (For 40 Marks Paper)
91-100	5	3	2	2
81-90	4	2	1.5	1.5
75-80	2	1	1	1

**4.4** Each department will inform the students about the CIA programme at the beginning of the semester.

Types of Assessment	For 100-mark	For 50-mark	For composite papers	For 100-mark	For 100-mark

	<b>Theory paper</b>	<b>Theory paper</b>	<b>Theory 60 marks</b>	<b>Practical 40 marks</b>	<b>Practical Paper (Science)</b>	<b>Practical Paper (Commerce)</b>
Attendance	5	2	3	2	5	5
Seminar / Assignment / Any Other Form	5	3	2	38	95	5
Mid-Semester	20	10	10			20
<b>Total</b>	<b>30</b>	<b>15</b>	<b>15</b>			<b>30</b>
Marks in Mid-Semester Examination Question Paper	40 (Reduced to 20)	20 (Reduced to 10)	20 (Reduced to 10)			40 (Reduced to 20)
Duration of Mid-Semester Examination	1 Hour 30 Minutes	1 Hour	1 Hour			1 Hour 30 Minutes
End Semester Examination Marks	70	35	45			70
Semester Examination Duration	3 Hours	1 Hour 30 Minutes	2 Hours			3 Hours

*Practical's will have no CIA mid-semester test as the evaluation is by continuous assessment (CA). Details regarding conduct, testing and marking scheme of practical evaluation (for full practical/ composite practical) will be given by your department at the start of the semester.*

## **Section 5: Eligibility Criteria for Appearing for Semester Examinations**

- 5.1** A student must have at least 75% attendance in each paper. Condonation may be granted on proper reason.
- 5.2** A student must pay the examination fee and submit the Examination Form by the notified last date. However only those students who fulfil eligibility criteria will be issued Admit Card for the Semester Examination.
- 5.4** A student who has any disciplinary charge against his/her name may not be permitted to appear for the Semester Examination.

## **Section 6: Continuation from 3<sup>rd</sup> Year to 4<sup>th</sup> Year**

- Will be uploaded in due course of time.

### **Section 7: Re-Enrolment**

- Will be uploaded in due course of time.
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### **Section 8: Pass Marks**

#### **Pass Marks:**

Major	40%
Minor	40%
Multi-Disciplinary	40%
Ability Enhancement	40%
Skill Enhancement	40%
Value Added Course	40%

For calculation of SGPA and CGPA, **ALL** papers will be considered.

In order to pass in a Composite paper, a student must obtain a minimum of 30% in each component (Theory and Practical) separately and obtain 40% in aggregate.

### **Section 9: Arrear Papers**

- 9.1** An Arrear Paper is one in which a student fails to secure the minimum pass marks.
- 9.2** Arrear paper may arise either through failure or absence. This will be indicated in the Semester Mark Sheet as well as in the Consolidated Mark Sheet. A student will be permitted to appear for an Arrear Paper in the next appropriate semester.
- 9.3** If a student obtains less than 40% in aggregate in a Composite paper, he/she will have to appear only for the Theory component if 30% has been obtained in the Practical component. If a student obtains more than 40% in aggregate in a Composite paper (Theory or Practical) but less than 30% in any one component (Theory or Practical) only that component will become an Arrear paper. The



Practical Arrear in both cases will be in the form of a Semester examination if the concerned practical was in the continuous mode of evaluation.

#### **Section 10: Review**

- Review is permitted for theoretical papers/ modules of Regular and Arrear, and Supplementary examinations of the penultimate and final semesters and for those practical examinations which are computer based.
- Review is not permissible for Internal Assessment, Lab-based Practical Examinations, Foundation courses and Project/Dissertation.
- For review, supplementary and arrear examinations in any paper, the highest marks among the all marks obtained in that paper will be considered as the final marks.

#### **Section 11: Seeing of Answer Scripts**

**11.1** A student may apply to see his answer script only after the review process is completed.

A student cannot apply for review after he has seen his answer script. There is no scope for alteration of marks at this stage.

To apply for seeing the answer script, a student need not have earlier applied for Review.

The main purpose of allowing a student to see his answer script is to enable the student to obtain a feedback on his performance.

**11.2** Review / seeing answer script is not permitted for Practical papers and Projects.

#### **Section 12: Foundation Course (Value Added Course)**

##### **1. Mulya Pravah, Jeevan Kaushal and Environmental Education**

1.1. It is hereby notified for the information, that the following courses have been approved.

1.2. These courses are to be studied as part of the 5-Year Integrated Post Graduate Degree Courses, as outlined below.

1.3. These courses are designed to enhance the academic and professional competencies of students across disciplines.

<b>Serial no.</b>	<b>Course name</b>
1.	MULYA PRAVAH - Human Values and Professional Ethics
2.	JEEVAN KAUSHAL - Life Skills
3.	Environmental Education - 1
4.	Environmental Education - 2

## **2. Course on Indian Knowledge System (IKS)**

2.1. The course on Indian Knowledge System (IKS) has been approved and is compulsory. It must be undertaken as part of the 5-Year Integrated Post Graduate Degree Courses

2.2. The inclusion of the IKS course aims to provide students with a foundational understanding of India's rich intellectual traditions, scientific heritage, and cultural knowledge systems.

2.3. All students enrolled in undergraduate programmes are required to complete the IKS course as per college guidelines within the prescribed timeline to be decided by the respective Vice Principals of the various departments. Further details will be communicated in due course.

## **3. Optional Value-Added Courses (OVAC)**

3.1. The course on NCC has been approved as an optional credit course that be undertaken as part of the 5-Year Integrated Post Graduate Degree Courses. This course is only applicable for students who have enrolled their names under the NCC programme. The course needs to be completed within the prescribed timeline (by the end of the third year i.e. sixth semester) as per college guidelines Further details will be communicated in due course. This course is not open for the students of Department of Education.

### **NOTE:**

1) All the above courses will be of 2 credits and 50 marks each and shall be effective for students enrolled from the Academic Session 2025–2026.

2) Evaluation Structure – Details to be provided later

*Note: For passing a candidate must secure a minimum of 20 marks. VAC will be a part of SGPA and CGPA calculations.*

### **Section 13: Award / Degree**

- Will be uploaded in due course of time.

### **Section 14: Mark Sheet, Migration Certificate, etc.**

- Will be uploaded in due course of time.

### **Section 15: Conversion from Honours to General Degree and Re-Conversion to Honours**

- Will be uploaded in due course of time.