



B.SC. PARAMEDICAL REGULATIONS

AIIMS KALYANI



JANUARY 8, 2024

ACADEMIC SECTION
AIIMS Kalyani

1. INTRODUCTION

The Ministry of Health & Family Welfare, Government of India established All India Institute of Medical Sciences, Kalyani by an Act of Parliament in the year 2018 under the Pradhan Mantri Swasthya Suraksha Yojana (PMSSY). Its aim is to correct regional imbalances in quality tertiary level healthcare, and to impart highest quality of medical and nursing training at both undergraduate and postgraduate levels. This Institution is governed by the AIIMS act, as AIIMS New Delhi. The undergraduate and postgraduate admissions are done by a common entrance examination for all these institutes, on the basis of merit-cum-choice of the candidates.

Aim of the undergraduate and postgraduate programme of this institute is to develop patterns of teaching in medical education in all the branches so as to demonstrate a high standard of medical education. This educational experience is imparted in an atmosphere of research. By virtue of the Act, the Institute grants its own medical degrees and other academic distinctions. The degrees granted by the Institute under the All India Institute of Medical Sciences Act are recognized medical qualifications for the purpose of the Indian Medical Council Act and, notwithstanding anything contained therein, are deemed to be included in the first schedule of that Act, entitling the holder to the same privileges as those attached to the equivalent awards from the recognized Universities of India respectively.

At AIIMS Kalyani we endeavor to train future specialists, faculty, and researchers, in the undergraduate and postgraduate programme. This can be accomplished in an atmosphere that facilitates research and enquiry. Undergraduate students are exposed to newer methods of teaching and given opportunities in the same. The other important objectives of the Institute are to bring together in one place educational facilities of the highest order for the training of personnel in all the important branches of health activity and to attain self-sufficiency in postgraduate and undergraduate medical and paramedical education.

2. PARAMEDICAL ACADEMIC DISCIPLINES (B.Sc.)

The Standing Academic Committee of AIIMS Kalyani has approved starting of academic courses in the following paramedical disciplines from 2021 session [will be amended time to time as per the approval of Academic Committee, AIIMS Kalyani]:

Sr. No.	Paramedical Academic Disciplines	Total Seats/Year
1	B.Sc. Medical Laboratory Technology	20
2	B.Sc. OT Technology	20

3. DURATION AND BROAD GOALS AND OBJECTIVES OF THE COURSE

A. Duration of the Course:

1. The undergraduate course curriculum for paramedical courses shall be of three (3) years duration in the degree course with six months (6-months) of compulsory internship. However, Bachelor in Optometry shall be of three (3) years duration in the degree course with one (1) year of compulsory internship.
2. The course curriculum for paramedical courses shall preferably be competency based.

- B. Broad Goal and Objectives of Paramedical Undergraduate Programme (B.Sc.):** The goal of paramedical undergraduate programme shall be to produce competent para-medical technician:
- i. who shall have mastered most of the competencies, pertaining to the specialty, that are required to be practiced at the primary, secondary and the tertiary levels of the health care delivery system;
 - ii. who shall be aware of the recent advances and developments in the specialty concerned;
 - iii. practice the specialty ethically;
 - iv. demonstrate enough understanding of the basic sciences relevant to the concerned specialty;
 - v. organize and supervise the chosen or assigned healthcare services demonstrating adequate managerial skills in the field situation or hospital.

- C. Components of the Paramedical Academic Course:** The major components of the academic course shall be:

- i. Acquisition of theoretical knowledge

- ii. Acquisition and demonstration of highest practical and technical skills
- iii. Learning communication skills
- iv. Exposure and practice of technical skills relevant to the course

4. ADMISSION PROCESS

1. Admission to B.Sc. paramedical academic courses is done through a competitive entrance examination conducted by Examination Section of AIIMS, Kalyani.
2. The details about the entrance examination shall be mentioned in the prospectus of that year.
3. The eligibility, examination patterns, dates, results, and counselling leading to allotment of seats is governed by the rules and regulations as laid down/modified by AIIMS Kalyani from time to time.
4. Details of counselling/admission process, allocation of seats and dates shall be notified separately on the website www.aiimskalyani.org by AIIMS Kalyani and the year wise prospectus.
5. Academic session shall preferably be commencing from 1st July of every year. Selected candidates have to join within the timeline indicated by Examination Section, AIIMS Kalyani in selection/admission letter issued to respective candidate.
6. No candidate will be admitted in these courses in any circumstances beyond 31st August of year of admission.

[Please refer to the session wise prospectus for any changes in the above guidelines available at www.aiimskalyani.edu.in by AIIMS Kalyani]

5. RESERVATION OF SEATS

1. Reservation of seats is as follows:
 - i. Other Backward Class: 27%
 - ii. Scheduled Caste: 15%
 - iii. Scheduled Tribes: 7.5%
 - iv. EWS: 10%
2. If requisite number of suitable candidates is not available to fill up the seats reserved for the Scheduled Class, the same will be filled by candidates belonging to the Scheduled Tribes and Vice-versa.
3. In case suitable candidates are not available for the two reserved categories, the vacant seats will be filled up by the candidates from the general category.
4. In case suitable candidates are not available in the OBC reserved category, the same will be filled up by the candidates from the general category.
5. For Indian Nationals, 5% reservation for person with benchmark disability shall be provided on horizontal basis in the seats advertised.

6. CRITERIA FOR OTHER BACKWARD CLASSES (NON - CREAMY LAYER) (OBC):

1. Reservation for OBC (Non-creamy layer) shall be according to the rules of the Government of India.
2. Applicants are required to ensure that he/she does not belong to the persons/sections (creamy Layer) mentioned in Column 3 of the Schedule to the Government of India, Department of Personnel and Training, O.M. No. 36012/22/93-Est (SCT) dated 08.09.93 which is modified vide O.M. No. 36033/3/2004 Estt. (Res) dated 09/03/2004 or the latest notification of the Government of India (i.e., Central List). A format is provided at the end of the Prospectus. Certificate to be produced during counselling should be issued within closing date of final registration.

7. CRITERIA FOR SCHEDULED CASTE/SCHEDULED TRIBE (SC/ST):

1. Reservation for SC/ST candidates will be according to the rules of Government of India.
2. Applicants are required to produce the necessary certificate in the prescribed format provided.
3. During counselling the certificate as prescribed in M.H.A., O.M., No. 42/21/49 – N.G.S. dated 28.1.1952, as revised in Dept. of Per-&A.R. letter No. 36012/6/76-Est (SCT), dated the 29.10.1977, to be produced by candidate belonging to a Scheduled caste or a Scheduled Tribe in support of his/her claim.

8. CRITERIA FOR PERSONS WITH BENCHMARK DISABILITY (PWBD):

1. In accordance with the provisions of the Rights of Persons with Disabilities Act, 2016, 5% seats of the annual sanctioned intake capacity shall be filled up by candidates with benchmark disabilities, based on the merit list of entrance examination.
2. The candidate must possess a valid document certifying his/her physical disability.
3. The disability certificate should be issued by a duly constituted and authorized Medical Board of the State or Central Govt. Hospitals/Institutions.
4. All PWBD candidates shall be evaluated by a Medical Board of the Institute to determine eligibility.

9. SUBMISSION OF CASTE CERTIFICATE BY SC/ST/OBC/EWS CANDIDATES:

- i. After declaration of result of the examination, candidates belonging to SC/ST/OBC/EWS should submit an attested copy of certificate from any one of the following authorities stating that the candidate belongs to a Scheduled Caste, a Scheduled Tribe or Other Backward Classes/EWS in the prescribed form along with other requisite documents.
 - A. District Magistrate, Additional District Magistrate, Collector, Deputy Commissioner, Additional Deputy Commissioner, Deputy Collector, 1st Class Stipendiary Magistrate, City Magistrate, Sub-Divisional Magistrate, Taluka Magistrate, Executive Magistrate, Extra Assistant Commissioner.
 - B. Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate.
 - C. Revenue Officer not below the rank of Tehsildar.
 - D. Sub-Divisional Officer of the area where the candidate and his or her family normally reside.
 - E. Administrator/Secretary to Administrator/Development Officer (Lakshadweep Island) or as authorized in the Constitution.

ii. The candidate will be required to submit an undertaking to the effect of his/her caste. The detection of any discrepancy in the caste certificate shall entail cancellation of registration. This is as per the provisions made by the Ministry of Personnel, Public Grievance and Pensions vide their order no 36033/4/97-Estt. (RES) dated 25.7.2003 and No. 36011/3/2005-Estt. (RES) dated 9.9.2005 respectively.

10. Submission of Caste Certificate by OBC/EWS candidates:

- i. Candidates applying under OBC/EWS category must possess valid OBC/EWS certificate issued by competent authority within last one year prior to the last date of filling the form for admission or registration.
- ii. The certificate must mention that caste as mentioned in OBC/EWS Certificate is listed in Central OBC/EWS list vide gazette notification no Dated
- iii. The certificate must be valid for admission in Central Government Institutions.
- iv. The certificate must mention that the candidate does not belong to Creamy layer.
- v. **Please Note:**
- a. Candidates who fail to submit the OBC/EWS category certificate with above details or submit OBC/EWS certificate valid for state only will not be allotted seat in the OBC/EWS category by the counselling committee. Such candidate can be considered as Unreserved candidate strictly in order of their merit, for the same round or future round.
- b. Candidates must note that a certificate from any other person/authority will not be accepted and no further correspondence in this regard shall be entertained. The name, designation and the seal of the officer should be legible in the certificate.

6. ADMISSION REQUIREMENTS FOR B.Sc. COURSES

1. A candidate is eligible to appear in Entrance Examination if he/she

- i. is an Indian Citizen;
- ii. has attained or will attain age 17 (seventeen) years as on 31 December of Year of Admission;
- iii. should have passed 10+2 or equivalent examination with English, Physics, Chemistry and Biology/Mathematics;
- iv. has a minimum aggregate mark required in qualifying examination i.e., 10+2 or equivalent: 50% for Gen/OBC [45% in case of SC/ST Categories] in aggregate in English, Physics, Chemistry and Biology/Mathematics.

v. Please Note:

- a. Candidates who are to appear in 12th class examination under 10+2 system or an equivalent examination in March/April 2021 and whose results are likely to be declared before 30th June of that year are also eligible to apply for B.Sc. Courses.
- b. Candidates who are due to appear at qualifying examination, or have already appeared and are awaiting result, can also apply for admission. But such candidates must furnish proof of passing qualifying examination with requisite percentage of marks and subjects at time of admission, failing which their candidature will be cancelled.

2. SCHEME OF COMPETITIVE EXAMS AND PROCEDURE FOR SELECTION

- i. Admission will be made entirely on basis of performance of candidates at Entrance Examination to be conducted in AIIMS Kalyani.
- ii. Entrance examination to be conducted in English language.
- iii. The general standard of each entrance examination will be that of 12th class under the 10+2 scheme or an equivalent examination of an Indian University/Board.
- iv. No syllabus for examination has been prescribed by the Institute.

3. SCHEME OF ENTRANCE EXAMINATION FOR B.Sc. COURSES

- a. One paper of 2 hours duration and consisting of objective type [Multiple Choice Questions] in four parts of 30 questions each in subjects of Physics, Chemistry and Biology/Mathematics [Mathematics for B. Optometry, B.Sc. Radiotherapy Technology & B.Sc. Medical Technology in Radiography] and 10 questions in General Knowledge.
- b. Based on result of Entrance Examination, separate merit list will be prepared for General, OBC, Scheduled Caste and Scheduled Tribe Categories.

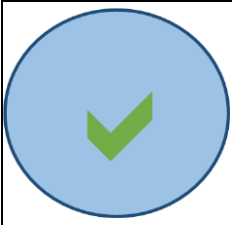
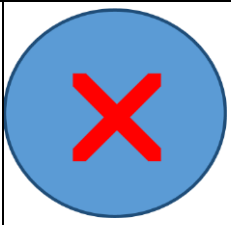
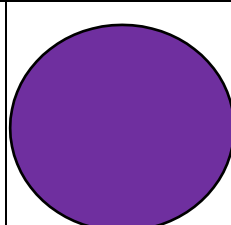
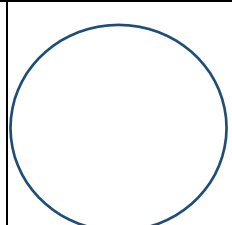
4. METHOD OF RESOLVING TIES

In case of two or more candidates belonging to same category obtaining equal marks in entrance examination, their inter se merit will be determined in order of preference as under:

- i. Candidates obtaining higher marks in Biology/Mathematics in entrance examination.
- ii. Candidates obtaining higher marks in Chemistry in entrance examination.
- iii. Candidates obtaining higher marks in Physics in entrance examination.
- iv. Candidate older in age to be preferred.

5. SCHEME OF MARKING

- i. There will be negative marking for wrong answers in entrance examination for all courses.
- ii. Each correct response will get a score of +1 mark.
- iii. Each incorrect response will get a score of -1/3.
- iv. No credit will be given for question not answered or Marked for Review [Questions marked for Review shall be considered as Unanswered unless saved].
- v. More than one response will be negatively marked.
- vi. Zero marks will be given for questions not answered.

			
CORRECT	WRONG	FOR REVIEW	NOT ANSWERED
+1	- 1/3	0	0

- 6. It is hereby informed that if any applicant provided false information solely for purpose of appearing in examination for practice or other purpose, applicant will be debarred from all AIIMS Kalyani Examination in future. Further, all selected candidates may be verified with previous data. Therefore, all applicants are required to fill application accurately.**

7. Please Note:

- I. Entrance examination for B.Sc. courses will be conducted in Kalyani only.
- II. Seats will be filled strictly on merit on basis of marks secured by the candidates at Entrance Examination Conducted by AIIMS Kalyani.
- III. Entrance Examination will be conducted in English Language only.
- IV. General standard of each entrance examination will be that of 12th class under 10+2 scheme or an equivalent of an Indian University/Board.
- V. No syllabus for examination shall be prescribed by the Institute.
- VI. Important: If any discrepancy in any question is found in Entrance Examination, Candidate is advised to write to COE, Examination Section, AIIMS Kalyani within 24 hours [Email: coe@aiimskalyani.ac.in]. This email will only be used for discrepancy related to question. However, for other query also please mail to academics@aiimskalyani.edu.in.**

8. METHOD OF COUNSELLING/SEAT ALLOCATION:

1. Counselling for admission in various B.Sc. academic courses shall be held in physical form at AIIMS Kalyani, details of which shall be placed on website www.aiimskalyani.edu.in
2. Minimum 50 percentile scoring in the entrance examination conducted by AIIMS Kalyani should be there for the candidate to be eligible for selection through counselling process.
3. In first and second round in each category number of candidates for counselling will be 8 times number of seats.
4. Order of counselling will be General/ST/SC/OBC. Counselling will be done strictly by combined merit list starting from Rank. No 1.
5. In final open round counselling, all candidates having 50th percentile marks shall be eligible.
6. In case, during open counselling any ST Seat remains vacant (after calling all eligible candidates of ST category) then this vacant seat shall be made available to SC category candidate and vice versa and even after doing this, if any SC/ST seat remains vacant (after calling all eligible candidates of SC/ST category) then this vacant seat shall be made available to eligible General Category candidate.
7. Similarly, in case of OBC seat remains vacant after calling all eligible OBC candidates then this vacant OBC seat shall be made available to eligible General category candidate.
8. Selected candidates shall undergo a medical examination by Board appointed by the Institute and if found medically fit will join course after depositing requisite fee.
9. They shall forfeit all their claims to seats if they do not join by stipulated date and fee deposited by them will not be refunded.
10. No candidate, in any circumstances, shall be allowed to join after 31st August 2021. While reporting for admission, candidates must bring all relevant certificates/documents, in original. These original documents will be kept with institute till his /her completion of course.
11. Candidate who will confirm seats during counselling will have to go through biometric

verification at the time of joining.

Important:

- Candidates who have already pursuing BSc Course in any subject (but have not completed) and have qualified in the entrance examination based on merit, shall be considered however they must report to Institute and deposit even original documents or DD of Rs. 50,000/- (Rs. Fifty Thousand only) as security deposit. Security Deposit will be refunded back after depositing original documents within 5 days.

7. CONDITIONS FOR DISCONTINUATION OF ACADEMIC COURSE

1. The following shall be conditions/reasons [not limited to] for discontinuation of academic course:
 - i. Unable to complete the academic course within the stipulated six-year.
 - ii. Unable to successfully complete mandatory six months/one year of compulsory rotatory internship.
 - iii. Exhaustion of maximum attempts [i.e., four] for passing the final year examination.
 - iv. Voluntary leaving the course or unauthorized continuous absent from the duty/academic course, absconding or untraceable etc.
 - v. Admission to the academic course taken by fraudulent means or submitting fake documents/certificates etc.
 - vi. Disciplinary action resulting in expulsion/rustication of the student from the course.
 - vii. Candidate found to be physical or mental incompetent existing prior to the admission or during the academic course.
 - viii. Death of the candidate.
 - ix. Any other.

8. PENALTY FOR LEAVING THE ACADEMIC COURSE

1. Candidate voluntary leaving the academic course after confirming the admission shall have to pay a penalty of rupees ten thousand only (Rs. 10,000) for loss of the seat.

9. DURATION OF THE ACADEMIC COURSE

1. Duration of B.Sc. paramedical academic courses (MLT, MTR, BRT, OT & AT) is 3 completed years including examinations and six-month of internship training.
2. For Bachelor of Optometry the duration of the course shall be of 3 completed years including examinations and one year of internship training.
3. The training period is full time and continuous.
4. During the academic course there shall be proper training in basic sciences related to the specialty, training in applied aspects of the subject and in allied subjects related to the concerned specialty.

5. During academic training emphasis must be given to gain knowledge about the recent advances in the concerned subject.

10. MEDIUM OF INSTRUCTIONS

1. English shall be the medium of instruction for all the subjects of study and for examinations of the course.

11. ATTENDANCE REQUIREMENT FOR APPEARING IN YEARLY FINAL EXAMINATION

1. Candidate must have minimum 75% of attendance in each theory and practical and clinical/ laboratory postings for appearing in final examinations.
2. The record of such attendance shall be maintained by the concerned department and should be communicated to the Dean periodically or at the end of every six months.
3. The yearly final attendance of the students along with the eligibility for appearing in the examination shall be communicated to the Dean and the Registrar, AIIMS Kalyani.
4. The respective HoDs should periodically communicate to the students if failing short of attendance in theory and practical classes.
5. Students falling short of required minimum attendance shall not be eligible for appearing in the final examinations.
6. In case of short attendance for the eligibility to appear in final yearly examinations, Dean with the approval of the Director, AIIMS Kalyani may waive up to 5% (depending upon the circumstances) of the attendance in case-to-case basis.

12. HOLIDAYS AND VACATION

1. All national and gazette holidays are applicable to the paramedical academic courses.
2. The students are entitled for a summer vacation for fifteen (15) days and winter vacation for ten (10) days in a calendar year as notified by the Office of the Dean.
3. However, in extraordinary or unexpected situations Dean, AIIMS Kalyani with approval of the Director, AIIMS Kalyani may increase or reduce or cancel the scheduled vacations.

13. TEACHING-LEARNING METHODOLOGY AND TIMETABLE

1. The following shall be teaching learning methodology in para-medical academic courses [not limited to]:
 - i. Lectures, case discussion/presentation, group discussions
 - ii. Participation in laboratory and experimental work
 - iii. Practical training in diagnosis and medical and surgical laboratory technical work

- iv. Rotatory postings in various disciplines
 - v. Vertical and horizontal teaching
 - vi. Hands on training
 - vii. Bed side demonstrations
 - viii. Assignments
 - ix. Seminar presentation
 - x. Small observational projects
 - xi. E-learning
2. The department (s) should prepare a teaching timetable in consultation with other concerned subject department (s) for each semester for conduction of lecture and practical classes including clinical postings.
 3. It shall be the responsibility of the department HoD to maintain the records of such academic activities (e.g., attendance, clinical posting etc.) in the department.
 4. The concerned department shall appoint a faculty as Course Co-ordinator from the department who shall be responsible for preparing and maintaining all the records of academic activities of the course.
 5. The course co-ordinator shall then communicate with the Dean office regarding academic activities of the B.Sc. academic course in his/her subject/specialty in agreement with the department HoD.

14. FEES AND OTHER EXPENSES

1. Each candidate selected for admission will have to pay the following Course Duration Fees and dues:

Sr. No.	Description	Amount in(Rs)	Duration
1.	Registration	25/-	
2.	Tuition Fee		
	i. B.Sc. in Medical Laboratory Technology	3000	3 ½ years
	ii. B.Sc. in Operation Theatre and Anesthesia Technology	3000	3 ½ years
3.	Pot Money		
	i. B.Sc. in Medical Laboratory Technology	960	3 ½ years

	ii. B.Sc. in Operation Theatre and Anesthesia Technology	960	3 ½ years
4.	Caution Money	Rs. 1000/- (one-time fee to be deposited by every student for the recovery of breakages or loss of institute's equipment)	
5.	Yearly Examination Fee	Rs. 1000/-	

(All Fees and dues payable at the time of admission)

Note:

- i. The above fees are subject to revision from time to time by the Institute and the students admitted shall have to pay the fees as may be decided by the Institute.
- ii. Fees and other charges including hostel rent once paid shall not be refunded in any case and no correspondence will be entertained in this connection.
- iii. However, the caution money will be refunded to those candidates who do not join the course. In case of a student leaving the course in the middle or after the completion of the course, the balance of caution money, if any after deduction of the charges due, will be refunded.
- iv. Change in the fee structure if any shall be notified by the Dean, AIIMS Kalyan.

15. HOSTEL ACCOMMODATION

1. No hostel accommodation shall be provided for the students pursuing the B.Sc. paramedical academic courses.

16. REPORTING

1. On selection for AIIMS Kalyani, students have to visit the Dean Office for document verification and submission.
2. The selected students are required to undergo a medical examination at AIIMS Kalyani before being admitted to the course and on satisfactory report candidates would collect the admission slip.
3. On completion of the admission process candidates will be allowed to join the institute.
4. No candidate shall be admitted to the course without payment of admission/tuition fees and satisfactory medical report.

17. CONDUCT OF STUDENTS

1. Maintenance of Discipline among students

- i. All powers relating to discipline and disciplinary action are vested with the Director, AIIMS Kalyani.
- ii. The Director, AIIMS Kalyani may delegate all such powers, as he/she deems proper to the Dean and to such other persons as he/she may specify on his behalf.
 - iii. The following shall amount to acts of gross indiscipline:
 - a. Physical assault or threat to use physical force against any member of the teaching or nonteaching staff of any Department/Centre of AIIMS Kalyani or any other persons within the premises/ Campus of AIIMS Kalyani.
 - b. Carrying or use or threat of use of any weapon.
 - c. Violation of the status, dignity and honor of students belonging to the Scheduled Castes, Scheduled Tribes and Other Backward Castes.
 - d. Any practice, whether verbal or otherwise, derogatory to women.
 - e. Any attempt at bribing or corruption in any manner.
 - f. Willful destruction of institutional property.
 - g. Creating ill-will or intolerance on religious or communal grounds.
 - h. Causing disruption in any manner of the functioning of the AIIMS, Kalyani.
 - i. Regarding ragging the directive of Supreme Court will be followed strictly. It is as under: "As per direction of the Hon'ble Supreme Court of India, the Government has banned ragging completely in any form inside and outside of the campus and the Institute authorities are determined not to allow any form of the ragging. Whoever directly or indirectly commits, participates in abets or instigates ragging within or outside any educational Institution, shall be suspended, expelled or rusticated from the Institution and shall also be liable to fine which may extend to Rs. 10,000/-. The punishment may also include cancellation of admission, suspension from attending the classes, withholding/withdrawing fellowship/scholarship and other financial benefits, withholding or cancelling the result. The decision shall be taken by the Head of the Institution."
- iv. Without prejudice to the generality of his/her powers relating to the maintenance of discipline and taking such action in the interest of maintaining discipline as may seem to him/her appropriate.
- v. The Director may in exercise of his/her powers aforesaid order or direct that any student or students;
 - a) Be expelled;
 - b) Be, for a stated period: be not for a stated period, admitted to a course or courses of study in AIIMS.
 - c) Be fined with a sum of rupees that may be specified;
 - d) Be debarred from taking any examination(s) for one or more semesters.
 - e) Withhold the result of the student(s) concerned in the Examination(s) in which he/she or they have appeared be cancelled.

- f) Be prohibited for appearing or completing any examination for any unfair means like copying taking notes, mobiles or any other electronic gadgets inside the examination halls.
- vi. At the time of admission, every student shall be required to sign a declaration that on admission he/she submits himself/herself to the disciplinary jurisdiction of the Director and several authorities of the AIIMS Kalyani who may be vested with the authority to exercise discipline under the Acts, the Statutes, the Rules and the rules that have been framed there under by competent authorities of AIIMS Kalyani.
- vii. Ragging in any form is strictly prohibited, within the premises of College/Department of Institution and any part of AIIMS Kalyani and also outside the AIIMS Campus.
- viii. Any individual or collective act or practice or ragging constitute gross indiscipline shall be dealt with under this Rules.
- ix. Ragging for the purposes of this rules, ordinarily means any act, conduct or practice by which dominant power or status of senior students is brought to bear on students freshly enrolled or students who are, in any way, considered junior or inferior by other students and includes individual or collective acts or practice which:
 - a. Involve physical assault or threat or use of physical force;
 - b. Violate the status, dignity and honor of women students;
 - c. Violate the status; dignity and honor of students belonging to the Scheduled Castes, Scheduled Tribes and Other Backward Castes.
 - d. Expose students to ridicule and contempt and affect their self-esteem;
 - e. Entail verbal abuse and aggression, indecent gesture, and obscene behavior.
- x. The Director, Dean, Hostel Superintendent and Faculty of AIIMS Kalyani shall take immediate action on any information of the occurrence of ragging.
- xi. Notwithstanding anything in Clauses above, the Dean or any other Faculty member/or authority may also *suo moto* enquire into any incident of ragging and make a report to the Director of the identity of those who have engaged and the nature of the incident.
- xii. The Dean may also submit an initial report establishing the identity of the perpetrators of ragging and the nature of the ragging incident.
- xiii. On the receipt of a report under above clause (s) or a determination by the relevant authority disclosing the occurrence or ragging incidents described in the relevant clause (s), the Director shall direct or order rustication of a student or students for a specific number of semesters.
- xiv. The Director may in other cases of ragging order or direct that any student or students be expelled or be not, for a stated period, admitted to a course of study at AIIMS Kalyani, departmental examination for one or more semesters or that the result of the student or students concerned in the examination(s) in which they appeared be cancelled.
- xv. In case where students who have obtained degree(s) of AIIMS Kalyani are found guilty under this Rules, appropriate action may be taken for withdrawal of degrees conferred by the AIIMS Kalyani.
- xvi. For the purpose of this Rules, abetment to ragging will also amount to ragging.
- xvii. As consumption/storage/manufacture of liquor is prohibited in the State of Bihar. Undergraduate B.Sc. students admitted at AIIMS Kalyani must abide and comply with the

concerned state law. Students violating this rule shall be subjected to disciplinary and punitive action as per the AIIMS Kalyani rules/regulations and State Law.

xviii. Private practice in any form is prohibited while pursuing para-medical academic course.

If a candidate is found in violation of this clause, appropriate disciplinary action will be taken by the Competent Authority of AIIMS Kalyani.

2. Anti-ragging Committee

- i. There shall be Anti-Ragging Committee constituted under the Chairmanship of the Dean, AIIMS Kalyani to look into the complaints of ragging on the students.

3. Disciplinary Committee

- i. There shall be a Disciplinary Committee constituted under the Chairmanship of the Dean, AIIMS Kalyani who will investigate and address issues regarding breach in disciplinary rules.
- ii. The Committee will investigate into the complaints received from the students, faculties, staffs or suo moto in such matters and upon enquiry shall submit a report of findings suggesting recommendations to the Competent Authority for further process and necessary actions.

4. Unauthorized absence of students

- i. Unauthorized absence of students will be informed to the Students and Parents or Local Guardians. At least 3 reminders will be issued with a gap of 10 days by the Academic Section to these students. Thereafter the disciplinary action of the concerned will be decided by the Dean or Director, AIIMS Kalyani.

18. YEARLY FINAL EXAMINATION PATTERN AND DISTRIBUTION OF MARKS B.Sc. ACADEMIC COURSE [3-YEAR]

1. Eligibility for final examinations:

- a. There shall be final examination at the end of every academic year.
- b. Student/Candidate should pass final examination both in theory and practical to advance in the next academic year.
- c. Candidate appearing for final examination shall have to satisfy following mandatory provisions:
 - i. Compulsory minimum attendance of 75% in both theory, practical classes, and clinical/laboratory postings each.

2. Examination Pattern:

- a. The First-Year final examination pattern (Theory and Practical/Clinical and Viva Voce) including subjects shall be uniform to all B.Sc. paramedical course namely Medical Laboratory Technology, Medical Technology in Radiography and Operation Technology and Anesthesiology Technology.
- b. The pattern of yearly examination is as below:

A. B.Sc. Medical Laboratory Technology:

Year	Subjects	Number of Paper	Final Theory Marks	Final Practical Marks	Total
First	Basic Anatomy and Physiology	I	100	100 [50+50]	200
	Basic Biochemistry and Pharmacology	I	100	100 [50+50]	200
	Basic Pathology and Microbiology	I	100	100 [50+50]	200
Second	Clinical Physiology & Biochemistry	I	100	100 [50+50]	200
	Clinical Pathology	I	100	100	200
	Clinical Microbiology	I	100	100	200
Third	Clinical Pathology and Transfusion Medicine	I	100	100	200
	Clinical Microbiology and Diagnostic Virology	I	100	100	200
	Clinical Biochemistry and Physiology	I	100	100 [50+50]	200
	Community and Family Medicine	I	100	100	200

B. B.Sc. Operation Theatre and Anesthesiology Technology:

Year	Subjects	Number of Paper	Final Theory Marks	Final Practical Marks	Total
First	Basic Anatomy and Physiology	I	100	100 [50+50]	200
	Basic Biochemistry and Pharmacology	I	100	100 [50+50]	200
	Basic Pathology and Microbiology	I	100	100 [50+50]	200
Second	Anatomy and Physiology related to Anesthesia	I	100	300	700
	Medicine and Surgery relevant to Anesthesia, Anesthesia related to advanced topics	I	100		
	Biomedical concepts, CSSD Procedures Medical Gas Pipeline system	I	100		
	Pain and Palliative Care	I	100		
Third	Anesthesia in specialty surgeries - ENT, OBGY, Trauma	I	100	300	700
	Anesthesia in super specialties surgeries - Neuro, Cardiac, Paediatrics	I	100		
	Intensive Care Principles Emergency and Casualty Care Trauma Anesthesia	I	100		
	Remote place Anesthesia, Ambulance Care, Day Care Anesthesia	I	100		

3. The yearly final examinations shall consist of:

- Theory papers of 3 hour's duration each
- Practical and/or clinical examination
- Viva Voce/Oral examination

a. Pattern of Yearly final theory examination:

i. Theory examination shall be conducted as per the rules and regulations of the Institute.

- ii. Each theory paper shall be of 100 marks and shall have three sections as below:
 - i. Section A – Multiple Choice Questions Single Best Response Type [20 marks]
 - ii. Section B – Short or Brief Answer Questions [40 marks] [8 SAQs X 5 marks each]
 - iii. Section C – Long Answer Questions [40 marks] [4 LAQs X 10 marks each]
- iii. The questions asked should be covering the entire syllabus of the subject.

b. Pattern of final practical examination:

- i. Practical examination shall be conducted as per the rules and regulations of the Institute.
- ii. Each subject practical shall be of either 50 or 100 or 200 or 300 marks as per the academic course and subject requirements.
- iii. Marks of viva voce should be added with practical's/clinical marks.
- iv. The different heads of the practical examination shall be decided by individual department but preferably as per below:

Practical Heads B.Sc. MLT/MTR/OT&AT (First Year, Second Year and Third Year)	Total marks
1. Major Clinical/Practical	30
2. Minor Clinical/Practical	20
3. Spotters, OSCE, OSPE, Record based questions, objectives, instruments, drugs etc.	30
4. Viva Voce	20
Total	100

Practical Heads B.Sc. MTR (Second Year and Third Year)	Total marks
1. Major Clinical/Practical	50
2. Minor Clinical/Practical	50
3. Spotters, OSCE, OSPE, Record based questions, objectives, instruments, drugs etc.	50

4. Viva Voce	50
Total	200

Practical Heads B.Sc. OT&AT (Second Year and Third Year)	Total marks
1. Practical	200
2. Viva	100
Total	300

Practical Heads B.Sc. Radiotherapy Technology (Second Year and Third Year)	Total marks
1. Major Clinical/Practical	30
2. Minor Clinical/Practical	20
3. Spotters, OSCE, OSPE, Record based questions, objectives, instrument, drugs etc.	30
4. Viva Voce	20
Total	100

Practical Heads Bachelor of Optometry (First Year/Second Year and Third Year)	Total marks
1. Major Clinical/Practical	30
2. Minor Clinical/Practical	20
3. Spotters, OSCE, OSPE, Record based questions, objectives, instruments, drugs, etc.	30
4. Viva Voce	20
Total	100

- The result of final practical examination shall be confidential and should be communicated to the Dean Examinations/CoE office under different heads as proposed above.

4. Passing marks in theory and practical's/clinicals/viva-voce:

- i. All candidates are required to obtain a minimum of 50% in Theory and a minimum of 50% in Practical's/Clinicals separately in order to be declared as successful/having passed the examination.
- ii. Candidates securing less than 50% of marks either in theory or practical/clinical and viva-voce shall be declared as failed.
- iii. Failed candidate has to appear in both theory and practical/clinical at the subsequent examination held by the institute.
- iv. In case of Second- and Third-Year Final examinations of B.Sc. Medical Technology in Radiography (MTR) and Operation Technology and Anesthesiology Technology (OT&AT), the candidate must obtain a minimum 50% marks in Theory and a minimum of 50% in

Practical's/Clinicals including Viva-Voce separately to be declared as successful/having passed the examination. Candidates securing less than 50% of marks either in theory or practical/clinical and viva-voce shall be declared as failed. Failed candidate has to appear only in the theory or practical examinations in which he/she has failed.

5. Grading:

Grade	Percentage
Fail	< 50%
Pass percentage	≥ 50%
Second Class	≥ 50% to <60%
First Class	≤ 60% to < 75%
Distinction	≥ 75%

19. FINAL EXAMINATION, ELIGIBILITY OF EXAMINERS AND DECLARATION OF RESULT

1. Final examination:

- Final examinations in Theory & Practical will be held at the end of every academic year.
- The final list of eligible candidates for examination shall be declared and displayed by the Dean Examinations/CoE of the Institute.
- The maximum number of candidates to be examined in Clinical/Practical and Oral on any day shall not exceed thirty (30) for B.Sc. degree examinations.
- Candidates falling short of attendance or skipped the scheduled exams or failed in the final examination need to appear in the subsequent supplementary examination as decided by the Examination Section, AIIMS Kalyani.
- If the candidate fails to attend the final examination due to any reason, he/she shall appear in the next subsequent supplementary examination which shall be conducted within six weeks of declaration of results by the Examination Section, AIIMS Kalyani.
- Failed candidate may advance in next academic year, but he/she has to clear the previous year final examination before becoming eligible to appear in the next year final examination [e.g. a candidate has to clear his first-year final examination both theory and practical before he becomes eligible for second year final examination].
- Total 4 attempts are allowed for a failed candidate to clear the yearly examinations to seek admission to the next academic year. In case if the candidate is unable to clear the final year examinations in 4 attempts his admission shall be cancelled and then he/she will be not allowed to continue the academic course. [e.g., if a candidate does not pass first year final examination in 4 attempts his/her admission stands cancelled and he/she will not be allowed to continue the academic course].
- The candidate has to pass the graduate course within maximum six-year of duration period failing which his enrolment will be cancelled.

- i. There shall be two examiners for the final examination in concerned subject [one internal and one external examiner], who will assess and evaluate the examinee. The internal examiner shall act as the Chairman of the examiner panel.
- j. The Dean Examinations/CoE may ask and prepare a panel of internal/external examiner (s) in consultation with the Head of the Department (s).
- k. The eligibility examiner shall be – The examiners should be working as faculty in medical or paramedical institutions/colleges and should possess qualification of MD/DNB/PhD or equivalent degree in the subject for which they are called as examiners and should have minimum teaching experience of 3 years post MD/DNB/PhD/Equivalent Degree qualification.
- l. The selection of the examiners shall be done from the list of panels of eligible examiners available with the CoE office by the Competent Authority/Dean Examinations. The Head of the Department should send the list of eligible examiners for examination as approved by the departmental board of studies.
- m. The external examiner (s) shall preferably be from AIIMS or Institutes of repute.
- n. The sets of paper shall be moderated by the Chairman of the examiner panel for proof reading/modifications.
- o. The CoE/Dean Examinations shall arrange random selection of one set of papers out of the two/four moderated sets by the hands of Director before the date of examination.
- p. Evaluation of the answer sheets shall be done as per the examination rules.
- q. Practical and clinical examinations and Viva-Voce shall be conducted by the appointed examiners panel for adequate length of time.
- r. The final result signed by each examiner shall be submitted to the CoE/Dean Examinations in a sealed envelope by the Chairman of the examination panel.
- s. The final yearly examination fees and examiner remuneration shall be as per the Rules and Regulations of the Institute.

2. Declaration of results:

- a. The final examination results shall be declared by the Dean Examinations/CoE.
- b. The result shall be finalised and subsequently signed by the Dean Examinations/CoE, Registrar, and the Competent Authority.
- c. The result shall be declared for the theory and practical components as per the examination rules.

20. INTERNSHIP

1. After successful completion of the academic course, the paramedical students have to do compulsory rotatory internship of six months/one year duration as per their course curriculum/syllabus.
2. This internship shall be compulsory in nature.
3. The concerned department shall prepare and maintain the internship logbook to

~~record the activities of the interns during the internship period.~~

4. During internship, the students shall be posted for such time/period as necessary to different departments/wards/laboratories/diagnostic labs/hospital etc. as per their course syllabus for adequate exposure to technical/clinical work.
5. During internship, the students are considered as trainee and have to perform such duties/work under the supervision of the faculty.
6. The internship has to be done in the institute only and no external internship in other institutions is allowed.
7. The intern student has to perform such duties as necessary and told by the concerned faculty under supervision.
8. The intern students have to maintain a standard logbook where the daily record of all activities performed are mentioned.
9. At the end of the posting the intern student has to get the signature of the HoD of the concerned department where he/she has done the internship posting.
10. During internship, the student shall be paid a monthly stipend of 500/- rupees.
11. A maximum of 7 days (in six-month internship duration) or 15 days (in one-year internship duration) of leave can be taken during the six months/one-year of internship training. If the leave exceeds the maximum limit, his/her internship shall be extended for that much of days.
12. A maximum of 5-day continuous leave can be availed in a posting and not more than that.
13. Finally, at the end of the internship, the student has to get the logbook signed by the concerned department HoD (s). The concerned HoD (s) shall then send an internship completion certificate to the Registrar, AIIMS Kalyani as a proof and record of completion of mandatory six-months/one year internship. The logbook may be handed back to the student.

21. ELIGIBILITY FOR THE AWARD OF THE DEGREE

1. The candidate will be awarded the graduate degree in B.Sc. when he or she has successfully completed the programme of study and passed all prescribed final examination in all subjects as per the course curriculum/syllabus and has successfully completed the six-month of compulsory rotatory internship.
2. The maximum period to complete the course successfully (excluding internship) shall not exceed more than six years.

22. REFERENCES

1. AIIMS New Delhi, Admission Prospectus 2019 for B.Sc. (H) Nursing/B.Sc. Nursing (Post-Basic)/B.Sc. (Paramedical Courses).
2. AIIMS New Delhi Guidelines for Academic Courses, Awards and Orations at All India Institute of Medical Sciences, New Delhi, Second Edition 2004.
3. All India Institute of Medical Sciences, Bhubaneswar, Curriculum and Regulations for B.Sc. (H) Paramedical Courses [Operation Theatre and Anesthesia Technology, Medical Laboratory Technology, Medical Technology in Radiography]

