

Revised Regulations regarding Admission, Award of Degree/ Diploma, and Examination System for the students of the Postgraduate Degree Programs in Faculty of Clinical Sciences made under Section 22 (1) (ii), (iii), and (iv) of the Isra University Act, 1997.

1) Short Title:

These Regulations shall be called, "The Isra University Regulations-2020 for Admission, Award of Degree/ Diploma, and Examination System for the students of the Postgraduate Degree Programs in Faculty of Clinical Sciences"

2) Commencement:

These Regulations shall come into force with effect from January 2020.

3) Abbreviations:

- i. **BAS&R:** Board of Advanced Studies & Research of the University
- ii. **FCE:** Final Certifying Examination
- iii. **IUAT:** Isra University Admission Test
- iv. **MD:** Doctor of Medicine
- v. **MS:** Master of Surgery
- vi. **MTA:** Mid-Term Assessment
- vii. **PGD:** Postgraduate Diploma
- viii. **PM&DC:** Pakistan Medical & Dental Council
- ix. **PMC:** Pakistan Medical Commission

4) Definitions:

- i) **University:** Isra University, Hyderabad
- ii) **Full Time Studentship:** Means the availability of a candidate in the University for the minimum Clinical/Training period. During this period, the students will pay the normal fee and will have access to all the University facilities.
- iii) **Credit Hours:** Each course or subject has a certain number of credit hours assigned to it. The credit hours indicate weightage of the course relative to other courses, and also reflects number of hours of teaching of that course per week.

5) Scope:

These Regulations shall apply to Degree Programs and Diploma in Faculty of Clinical Sciences duly approved by PM&DC/ PMC and approved by the university (Appendix-I).

6) Institutes of Training in Degree Programs/ Diploma:

Institute of training will be same as approved by PMDC/ PMC and Isra University.

7) Program Duration (Years)

Program/ Diploma	Duration (Min)	Duration (Maximum)
MS/ MD	04 Years	<ul style="list-style-type: none"> • First two (02) years training to be completed in maximum three (03) years • No Maximum Limit after MTA
MS (Orthopedics)	05 Years	
PGD	02 Years	05 Years

8) Admissions in MD/ MS Degree/ Diploma

a) **Eligibility Criteria:** For admission in Degree Programs/ Diploma, the candidate shall be required to have:

- i) MBBS/Equivalent degree relevant to the program
- ii) Completed one year House Job from PMDC recognized Hospital
- iii) Registration with PMDC

b) **Admission Process:** Admission Process will start with advertisement of the Postgraduate Courses. The cases of admission shall be processed on the following lines:

- i) The students will apply on the prescribed application form, available at the Admissions Office of Isra University.
- ii) The Admissions Office will forward the completed forms to the Dean for scrutiny.
- iii) The students who fulfill the requisite conditions for admission will be called for Isra University Admission Test (IUAT).
- iv) Passed Entry Test and comprehensive interview conducted by the University
- v) Students who have passed FCPS Part-I (relevant subject) are exempted from entry test.

c) **Isra University Admission Test:** Isra University Admission Test will consist of Theory and a Comprehensive Interview. Candidates scoring at least 60% in Theory Paper will be eligible to appear in the interview

- i) **Theory Paper:** It will consist of 100 Multiple Choice Question (One Best Type) with total of 100 marks having equal portion of questions from knowledge of applied Basic Medical Science Subjects and the concerned subject of the candidate. Paper will be set from the knowledge of MBBS level and will be of 150 minutes/ 2.5 hours.
- ii) **Interview:** Only successful candidates qualifying theory will be called for a Comprehensive Interview. Interview Committee comprises of, at:

Isra University, Hyderabad Campus	
Pro Vice Chancellor (Academics of Medical & Dental Sciences)*	Chairperson
Dean Faculty of Clinical Sciences	Member
Director Medical Research	Member
Chairperson of the concerned Department	Member
Director Admissions	Secretary

*In absence of PVC, the Dean will chair the committee

Isra University, Karachi and Islamabad Campuses	
Pro Vice Chancellor (Concerned)	Chairperson
Principal of the College	Member
Chairperson of Department (Concerned)	Member
Additional Registrar (Campus)	Secretary

d) Selection for Admission by Comprehensive Interview Committee:

- i) The Committee will recommend only those candidates for admission who are found academically outstanding and having special aptitude for serving the community. The decision of the committee will be final.
- ii) Candidates shall not be allowed to enroll in two clinical training programs simultaneously anywhere.
- iii) Successful Candidate shall have to submit NOC from the employer/ affidavit certifying that he/ she is not employed anywhere.

e) Registration and Enrollment:

- i) Total number of students enrolled for the course of MD/ MS shall not exceed 02 per supervisor per year or 08 candidates in a given time per supervisor.
- ii) Total number of students enrolled for the course of Diploma shall not exceed 04 per supervisor per year or 08 candidates in a given time per supervisor.
- iii) All selected candidates for PG Programs are to be registered with PMDC/ PMC.

9) Supervisors and Examiners:

The faculty members fulfilling the criteria as laid down by PMDC/ PMC, and approved by BAS&R will be appointed as supervisors or the examiners. The Vice Chancellor / Pro-Vice Chancellor (concerned) shall appoint training Supervisor on the recommendation of Dean/ Head of the Department, immediately after admission.

10) Probationary Period:

First semester of degree/ diploma program shall be observed as probationary period, in which a committee constituted by Dean / Principal will assess overall performance of the candidate along with semester examination at "360 degree evaluation". Opinion of the training supervisor will have due weightage. If the committee is not satisfied with the performance of the candidate, his/ her admission will be cancelled with immediate effect.

11) Scheme of Management and Conduct of Courses

- a) **System of Examinations:** The University shall follow the Semester System of Examinations for Postgraduate Training Programs. There shall be two semesters in one academic year. The semester commencing in January will be called as **January Semester**, and the one starting in July as **July Semester**. Each semester will be of 20 weeks of teaching, excluding vacations and the time needed for the conduct of semester examination and inter semester breaks.

b) Training Requirements for Clinical Sciences

Degree or Diploma	Duration		Credit Hours			
	Years (Minimum)	Semesters	Course work	Workshops	Research Work	Total
MS, MD	4	8	72	6**	12	90
MS (Orthopedics)	5	10	90	6**	12	108
Diploma	2	4	36	-	-	36

**workshops include Research Methodology & Biostatistics, and Medical Education.

c) **Workload per Semester:** The students of Postgraduate Diploma & Degree Programs in the area are required to complete 9 to 12 Credit hours of Clinical/ Course work and Research Work

i) Weekly Workload per Semester for Clinical/ Course work

Clinical/Course Work	Contact Hours	Credit Hours
Problem Based Learning/ Case Based Learning	3	1
OPD/ OT/ Procedures/ Emergency Duty	9	3
Ward Duty/ Ward Rounds/ On Call Duty	12	4
Seminar/ Journal Club/ Morbidity & Mortality Meeting/ Clinico-Pathological Conference (CPC)	3	1
Total	42	9

ii) Weekly Workload per Semester for Research work

Three (03) credit for Research work starting from 4th to 7th semester.

iii) Credit Hour distribution for workshops

- (1) Workshop of Research Methodology & Biostatistics (03 Credit Hours) shall be conducted in first two years.
- (2) Workshop of Medical Education (03 Credit Hours) shall be conducted in last semester.

d) **Attendance:** Students are required to maintain at least 80% attendance in their clinical/ course work as mentioned in the table above. Those who fail to keep up the required attendance will not be allowed to appear in the semester examination. However, when the candidate completes the required deficiency, he/she will be allowed to appear in re-sit examination along with next regular semester examination.

In hardship cases, the committee consisting of the following members will examine the cases and recommend to the Vice Chancellor for grant of exemption up to 10% only:

1. Dean of the Faculty	Convener
2. Vice Dean of the Division	Member
3. Chairperson of the Department	Member
4. Controller of Examinations	Member/Secretary

12) Grading System for Equivalence of Marks

Student's performance in MS/ MD Degree and Diploma will be evaluated on Pass/ Fail Criteria. The Grading System mentioned below will be applicable in case the candidate applies for the equivalence.

Grade	Level of Performance	Value of grade	Grade Equivalence Marks %
A	Excellent	4	90 and above
A-	Very Good	3.67	80 to 89
B+	Good	3.33	70 to 79
B	Satisfactory	3	60 to 69
F	Fail	0	Below 60%

- a) **Quality Points (QP)** are determined by multiplying the value of the grade earned by student with the credit hours of that course e.g. if a student obtains B grade for a two credit hours course, then QP will be calculated as under:

$$QP = 3 \times 2 = 6$$

- b) **Grade Point Average (GPA):** Grade Point Average is an expression for the average performance of a student in the courses; he/she has taken during a particular semester. This is calculated by the Quality Points of all the courses taken in a semester, divided by the total number of credit hours.

$$GPA = \frac{\text{Sum of Quality Points}}{\text{Sum of the credit hours}}$$

- c) **Cumulative Grade Point Average:** Cumulative Grade Point Average is the expression describing the performance of a student in all semesters.

$$C.G.P.A = \frac{\text{Sum of Quality Points of all semesters}}{\text{Sum of the credit hours of all the semesters}}$$

13) Examination System

- a) **Semester Examination:** Semester Examination would be conducted at the end of semester. This is in addition to class work activities including continuous assessment tests, quizzes, and assignments or projects whatever applicable. This internal assessment will carry 20% weightage and the End of Semester

Examination will carry 80% weightage. The students will have to secure 60% marks to pass the semester examination.

b) Assessment system in Degree Programs shall be as under:

Mode of Assessment	Marks		Weightage
Internal Assessment	Semester	Total	20%
Continuous Assessment Test (01 per Semester)	50	400	
Semester Examination (08 Semesters)	100	800	
Final Certifying Examination	-	400	80%
Total	-	1600	100%

c) Mid-Term Assessment (MTA):

- i) MTA will be held in all MD and MS Degree Program after passing first four semesters of the program and completion of workshops of the tenure.
- ii) For MTA, there shall be at least two examiners in each subject, out of which at least one shall be external examiner, invited from another recognized university/ college. The same set of examiners shall ordinarily be responsible for the written, practical and/or oral part of examination.

d) Format of Examination for MS/ MD

S #	Mode	Management	Distribution of Marks
1	CAT	Theory: 15 MCQs, 2 Short Essay	25
		Clinical Examination	25
2	Semester Examination	Theory: 30 MCQs 02 Short Answer Question, 01 Long Essay Question	50
		Clinical Examination	50
3	Mid-Term Assessment	Theory: 50 MCQs 04 Short Answer Question, 02 Long Essay Question	100
		Clinical Examination	100
4	Final Certifying Examination	Theory: 50 MCQs 04 Short Answer Question, 02 Long Essay Question	Paper I & II 100 + 100 = 200
		Clinical Examination	200

e) **Assessment system in Diploma shall be as under:**

Mode of Assessment	Marks		Weightage
Internal Assessment	Semester	Total	20%
Continuous Assessment Test (01 per Semester)	50	200	
Semester Examination (04 Semesters)	100	400	
Final Certifying Examination	-	400	80%
Total	-	1000	100%

f) **Format of Examination for Diploma**

S#	Mode	Management	Distribution of Marks
1	CAT	Theory: 15 MCQs, 2 Short Essay	25
		Clinical Examination	25
2	Semester Examination	Theory: 30 MCQs 02 Short Answer Question, 01 Long Essay Question	50
		Clinical Examination	50
3	Final Certifying Examination	Theory: 50 MCQs 04 Short Answer Question, 02 Long Essay Question	Paper I & II 100 + 100 = 200
		Clinical Examination	200

g) **Final Certifying Examination:**

- i) There shall be a final certifying examination after successful completion of clinical training, completion of coursework of the degree program, and approval of thesis by evaluators.
- ii) Three external examiners and one internal examiner in addition to Inspector from PM&DC/ PMC (in first examination of the program only) will be invited in the final certifying examination to assess the student in the concerned subject.
- iii) To pass final certifying examination the candidate has to secure 60% marks both in practical and theory component separately.

14) Re-sit Examinations:

- i) **Semester Re-sit Examination:** Students of MD/ MS/Diploma, who do not pass any semester examinations, will be promoted to the next semester and will appear in Re-Sit along with next regular semester. Candidate should pass the semester in maximum in three (03) attempts availed/ un-availed. Failing again in semester examination will lead to repeat that semester.

ii) The candidate has to qualify first two (02) years course within 3-year time, or else his/her admission will be cancelled.

b) MTA Re-sit: (Degree Program only): MTA failing students of MD/ MS will have chance to clear examination in four attempts (two regular and two re-sit to be held within six months' time) availed and un-availed and his/ her period of training will remain frozen till he/ she qualifies MTA. In case of failure, admission of such student shall be cancelled with immediate effect.

c) FCE Re-sit: (Degree Program/ Diploma): If student of MD/ MS/ Diploma who passes theory component of the Final Certifying examination and fails in the Clinical component, will be given two more availed or un-availed chances to pass this part of examination. In case, the candidate fails again he/ she will have to repeat whole examination (Theory and Practical).

15) Award of Certificate of Clinical Training for MS/ MD Program and Diploma

a) Certificate of clinical training shall be awarded to the candidates who have fulfilled following criteria.

- The candidate has qualified Mid-Term Assessment
- The candidate has completed minimum period required for the training.
- The candidate has passed all the semesters, and
- The thesis has been approved by all evaluators.
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b) Bar on number of attempts in MD/ MS Degree Program

- There is no bar of attempts for Final Certifying Examination, If the candidate has passed all semesters including MTA.

16) Award of the Degree of MS/ MD Programs.

a) The program shall be considered complete, if the candidate

- has been awarded a certificate of training
- has successfully cleared Final Certifying Examination
- has successfully defended thesis

17) Award of the Diploma (All)

a) The program shall be considered complete, if the candidate

- has been awarded a certificate of training
- has successfully cleared Final Certifying Examination

18) Non-Resident Studentship/ Semester freeze

a) The period for which the student wishes to freeze or interrupt his/her study within the training period or after completion of clinical training until the award of degree will be considered a non-residency period. He/She will resume his/her studies from the same stage where he/ she left (froze) and has to pay Admission Retention Fee (ARF) as per university policy.

b) Freezing will only be allowed subject to acceptance of justified rationale.

- c) The duration of Freezing is maximum of one year. Freezing of first semester of diploma program and first two semesters of MS/ MD programs will not be not be allowed.
- d) Freezing of first semester will be allowed on circumstances beyond the control of a student such as
 - i) serious accident,
 - ii) family tragedy,
 - iii) serious health ailments,
 - iv) Iddat
 - v) Maternity/Delivery
 - vi) Any other subject to acceptance on justified rationale

19) Hardship Committee:

The committee headed by the Pro-Vice Chancellor (concerned) will decide all the hardship cases or the conditions which are not covered in these regulations. The committee will comprise following members:

1. Pro-Vice Chancellor (Academics)/ Dean
2. Principals of Concerned College
3. Director Postgraduate (Concerned)

The Vice Chancellor will be the appellate authority.

20) Modification:

The Regulations are subject to modification by the concerned authority as may be felt appropriate from time to time.

(2)

Revised Regulations for Research Work in MD/ MS degree Programs of Faculty of Clinical Sciences made under statute 6(4) of the First Statutes of Isra University Act, 1997.

- 1) Short Title:** These regulations shall be called, "The Isra University Regulations 2020, for Research Work in MD/ MS degree Programs of Faculty of Clinical Sciences".
- 2) Commencement:** These regulations shall come in to force with January 2020.
- 3) Scope:** These Regulations shall apply to Postgraduate Degree Programs (MS/ MD) offered in Faculty of Clinical Sciences duly approved by PM&DC/ PMC and approved by the university (Appendix-I), and any other Program of similar nature in future.
- 4) Research Load:** Research load of 12 Credit Hours along with coursework is mandatory for Students admitted in MS/ MD Degree Programs to be completed before final certifying examination.
- 5) Commencement of Research Work:** Students will be encouraged to start work on a thesis proposal (synopsis) after completion of first semester under the supervision of the supervisor appointed for him.
- 6) Presentation of Thesis Proposal (Synopsis) by the Candidate:** Students have to submit thesis proposal (Synopsis) before the end of forth semester and to Director Research for presentation in Research / Ethical Committee of Faculty of Clinical Sciences.
- 7) Seminar by Candidate:** After receiving evaluation reports from examiners, the student will be asked to conduct the seminar in front of the Vice Chancellor/Pro Vice chancellor before holding the final Certifying Examination.
- 8) Approval of Thesis Proposal (Synopsis) and appointment of Supervisors:** The Research/ Ethics committee, if satisfied will recommend the proposal (Synopsis) along with names of one supervisor and at least two co-supervisors to the Board of Advance Studies for approval through Director Research.
- 9) Work on Thesis:** After approval of the topic by the Board of Advance Studies & Research, student will start work on his/ her thesis under supervision of the Supervisor and prepare the document on the format as approved by the University. Students should make some contribution to knowledge and afford evidence of originality of the work in the thesis.
- 10) Modification/ Change of Research Topic**
 - a) **Time Limit for Modification/ Change:** In case, if a student is required to modify/ change of topic, he/ she has to apply with justification to the Director Research duly forwarded and recommended by the concerned supervisor, and the Dean.

b) **Process of Modification/Change:** The Director Research will place the request of the student before the Research/ Ethics Committee. The committee may co-opt two other senior members of the teaching staff of the faculty. The final topic will be submitted to the Board of Advanced Studies & Research for approval.

11) Change of Supervisor

(i) **Initiation of Change by Student:** In case, a student desires to change his/her supervisor, he/she shall have to apply with sound justification to the Vice Chancellor duly forwarded and recommended by his/her Chairperson, the Dean, and the Director Research. The Vice Chancellor may appoint one of the co-supervisors to be supervisor on the recommendation of the Dean, subject to the approval of the Board of Advanced Studies & Research.

(ii) **Initiation of Change by Supervisor:** If the supervisor is not satisfied with the progress of the student, he/she may send his/her report to the Vice Chancellor for further action. The Vice Chancellor, in consultation with the Director Research, may take the necessary action as he deems fit, subject to the approval of the Board of Advanced Studies & Research.

12) Pre-requisites for the Initial Submission of the Thesis by the Students in Clinical Sciences

a) **Submission of thesis:** The student shall have to submit his/her thesis six (06) months before the end of the training.

b) **Certificate of the Originality:** The thesis must bear a certificate from the supervisor(s) to the effect that the thesis embodies an original research and is worthy of presentation to the University for further necessary action.

c) **Copies of thesis:** Eight copies of the thesis without binding [loose] on A-4 size paper will be required

13) Appointment of Examiners: The Vice Chancellor shall appoint four examiners out of which at least three shall be external examiners from the list of already approved Examiners by BAS&R.

14) Processing of the Documents for Evaluation: After Completion of all the formalities, the thesis will be submitted to the Controller of examinations, who will send it to the appointed examiners.

15) Evaluation of thesis

a) The text of thesis will be submitted to anti-plagiarism software for report.

b) The MS/MD thesis will be evaluated by an internal examiner (supervisor) and three external examiners to be appointed by the Vice Chancellor.

16) Work by a Candidate Falling Short of Requirements: Where the work of the student falls short of the requirements, the following recommendations are open to the examiners:

- a) Accept the thesis as it is.
- b) Accept the thesis subject to minor changes, as per comments given in the report.
- c) Accept the thesis subject to major changes as per comments given in the report(s); subject to resubmission of the dissertation that incorporates the suggestions given by the examiners. It is the supervisor's responsibility to ensure that the student has incorporated, in letter and spirit, all the corrections and suggestions made by the examiners. The supervisor will inform the Director Postgraduate Examinations/ Controller of Examinations in writing that the student has satisfactorily taken care of all the suggestions, corrections and recommendations of the examiners.
- d) The thesis is returned to the student for further research or rewriting and resubmission for another examination, within a period of not less than two months and not more than six months,
- e) The thesis may not be accepted and the student be awarded a terminal degree instead, subject to fulfillment of other requirements.

17) Receipt of Reports: On the receipt of the evaluation reports of the examiners, the Director Postgraduate Examinations/Controller of Examinations shall submit the same to the Board of Advanced Studies & Research, who shall decide whether the degree be awarded to the student.

18) Submission of Final Draft

- a) Subject to the decision of the Board of Advanced Studies & Research, the student will be required to submit eight copies of the thesis according to the Isra University guidelines for the preparation of the thesis document to the Director Postgraduate Examinations/ Controller of Examinations, after incorporating all the suggestions, if any, given by the Board.
- b) The thesis supervisor will certify in writing that all the suggestions and corrections have been incorporated, and that the student qualifies for the award of the degree. The cases of award of Degree will be submitted to the Board of Advanced Studies & Research by Director Postgraduate Examinations/ Controller of Examination

19) Oral/Practical Examination of Thesis: The student should be aware that the oral examination forms an important part of the examination for the award of the degree. The purpose of the oral examination is to allow the examiners the opportunity to explore and satisfy themselves regarding the knowledge, accuracy and authenticity of the subject matter presented in the thesis. The PM&DC will be requested to send their observer in the first examination.

Appendix-I, List of Training Programs approved by PMDC/ PMC and Isra University

Doctor Medicine	of	Cardiology	MD (Cardiology)
		Chest Disease & Pulmonology	MD (Chest Disease & Pulmonology)
		Dermatology	MD (Dermatology)
		Internal Medicine	MD (Internal Medicine)
		Nephrology	MD (Nephrology)
		Pediatrics	MD (Pediatrics)
		Radiology	MD (Radiology)
Master Surgery	of	Anesthesia	MS (Anesthesia)
		ENT/ Otorhinolaryngology	MS (ENT)/ MS(Otorhinolaryngology)
		General Surgery	MS (General Surgery)
		Minimal Invasive Surgery	MS (Minimal Invasive Surgery)
		Obstetrics & Gynecology	MS (Obstetrics & Gynecology)
		Ophthalmology	MS (Ophthalmology)
		Orthopedics	MS (Orthopedics)
		Urology	MS (Urology)