

King Edward Medical University Lahore



PhD: Doctor of Philosophy REGULATIONS (2015)

CONTENTS

Sr. #	Description	Page No.
1.	Notification	04
2.	Short title, commencement and application	04
3.	Definition	04
Part – A		
4.	PhD program goal	06
5.	PhD program objectives	06
6.	Eligibility criteria and application for PhD program	06
7.	Entry examination for PhD program	07
8.	Declaration of result of entry examination	08
9.	Admission process	08
Part – B		
10.	The PhD program format	10
Part – C		
11.	Modular Assessments	13
Part – D		
12.	Comprehensive examination of PhD Program	14
13.	Declaration of result	15
Part – E		
14.	PhD thesis preparation and submission	17
15.	PhD thesis examination	17
16.	PhD thesis evaluation by foreign experts	18
17.	Viva Voce Examination	20
18.	The Public defense of PhD thesis	21
19.	Award of PhD Degree	21
Part – F		
20.	General Clauses	22
Part – G		
20.	Disciplinary Action	24
Part – H		
21.	List Of Appendices	27
21.	Appendix – A Application form for admission into PhD program	28
22.	Appendix – B King Edward Medical University PhD tuition fee and other charges	29
23.	Appendix – C PhD program format of King Edward Medical University	30
24.	Appendix – D Mandatory Workshops	31
25.	Appendix – E Doctoral Program Coordination Committee (DPCC)	32
26.	Appendix – F The Supervisor for PhD program	34

27.	Appendix – G	Guidelines for preparation of synopsis	37
28.	Appendix – H	Guidelines for preparation and submission of PhD Thesis	39
29.	Appendix – I	Guidelines for KEMU PhD thesis format	40
30.	Appendix – J	Certificate by the supervisor for research completion	43
31.	Appendix – K	Titles of Thesis / Research Dissertation	44
32.	Appendix – L	Grading System for PhD Program	46
33.	Appendix – M	Supervisor’s Evaluation Proforma	47
34.	Appendix – N	King Edward Medical University Lahore Research Proposal Evaluation Proforma	49
35.	Appendix – O	Proforma to be completed for selection of External Evaluators for PhD Thesis Evaluation	52
36.	Appendix – P	Proforma For PhD Thesis Evaluation	53

“THE KING EDWARD MEDICAL UNIVERSITY PhD REGULATIONS 2015”

1. NOTIFICATION

In exercise of the power conferred by Section 31 of the King Edward Medical University Act 2005, The Vice Chancellor, King Edward Medical University, Lahore on approval by the syndicate of King Edward Medical University in its ----- meeting on --- ----- is pleased to notify the following regulations namely

“THE KING EDWARD MEDICAL UNIVERSITY PhD REGULATIONS 2015”

2. SHORT TITLE, COMMENCEMENT AND APPLICATION

- a. These regulations may be called the KEMU PhD Regulations 2015.
- b. They shall come into force at once and shall apply to all students/ candidates who intend to do PhD from King Edward Medical University (KEMU), Lahore.

3. DEFINITION

In these regulations, unless the context otherwise requires, the following expression shall have the meaning hereby respectively assigned to them, that is to say:

- a. **Applicant** means a person who applies for admission into PhD program.
- b. **ASRB** means Advanced Studies and Research Board of King Edward Medical University
- c. **Assessment** means a formally defined process within the curriculum in which the candidates' progress in the training program is assessed and measured using a range of defined and validated assessment tools.
- d. **Cumulative Grade Point Average (cGPA)** of a program means sum of grade points value of all modules taught in one program multiplied by the sum of earned credit hours of the whole program divided by the total number of the credit hours of the program.
- e. **Biannual progress report** mean supervisor's biannual review report based on workplace assessments.
- f. **Comprehensive Examination** means the examination which will be conducted after successful completion of 18 credit hours course work in relevant PhD program.
- g. **Co Supervisor** means a specialist who would support the Supervisor and the candidate in conduction and completion of research project.

- h. **Credit Hour** means 16 hours of theory lectures per semester and 48 hours of lab work per semester, shall be equivalent to 1 credit hour.
- i. **Curriculum** means the set of courses and its content.
- j. **Doctoral Candidate** means a person who will be selected for training in PhD program
- k. **Doctoral Program Coordination Committee (DPCC)** will consist of members appointed by Vice Chancellor from the existing teaching faculty of KEMU and the quorum will be one third. The responsibilities of DPCC have been given in [Appendix - D](#)
- l. **Examiner** means examiner for oral examinations and to conduct viva of students of PhD programs.
- m. **External Examiner** means the one who is not teaching (or has not taught during the academic year) the candidates of PhD program and is not a regular faculty member of KEMU.
- n. **Government** means Government of the Punjab.
- o. **Grade Point Average (GPA)** of a semester means the sum of grade points value of all modules taught multiplied by the sum of earned credit hours in a semester divided by total number credit hours of that semester.
- p. **HEC** means Higher Education Commission of Pakistan.
- q. **Internal Examiner** means the one who is a faculty member of KEMU and has a PhD degree.
- r. **IRB** means Institutional Review Board.
- s. **Module** means a set of independent units of study that can be combined to make a course.
- t. **Modular Assessment** means the assessment at the end of each module
- u. **PhD** means Doctor of Philosophy.
- v. **Program** means each and every component of training for King Edward Medical University's degrees of PhD.
- w. **Program Format** means the whole plan of training and assessment for PhD Degree.
- x. **Semester** means a half year term, lasting for 18 weeks (16 weeks of study and 2 weeks for preparation).
- y. **Semester Examination** means the examination at the end of each semester (i.e. after 18 weeks [16 weeks of study and 2 weeks for preparation]).
- z. **Supervisor** mean supervisor for overall conduct of his own specialty or relevant rotational specialty in PhD program.
- aa. **Supervisor's Evaluation Proforma** means Supervisor's Evaluation Proforma for Continuous Internal Assessments as given in [Appendix - L](#).
- bb. **Technologically Advanced Countries** mean those sovereign states which have advanced technological infrastructure and a highly developed economy. These include Japan, Singapore, USA, UK, Canada, Netherlands, China, Sweden, Australia and Finland.
- cc. **Thesis** means PhD thesis written as long essay or dissertation based on university approved research project.
- dd. **University** means the King Edward Medical University (KEMU).

PART – A

4. PHD PROGRAM GOAL

The Goal of the PhD Program is:

To produce competent, committed and skilled researchers who can scientifically address the challenges confronting the human health by developing innovative technologies and advancing scientific knowledge.

5. PHD PROGRAM OBJECTIVES

The PhD program objectives are as follows:-

- i. To be able to create, interpret and apply new knowledge, through original research.
- ii. To be able to interpret latest research and make logical conclusions.
- iii. To be able to come out with innovative thought for research and out of box solutions in areas of concern.
- iv. To be able to interact with those experts who are not directly related with the program.

6. ELIGIBILITY CRITERIA AND APPLICATIONS FOR PHD PROGRAM

- i. The eligibility criteria shall be determined by the academic council according to the recommendations of Doctoral Program Coordination Committee (DPCC) and may be reviewed from time to time in line with HEC laid down criteria.
- ii. The applicant on the last date of submission of applications for admission must possess MBBS / BDS with M.Phil / MD / MS / MDS / FCPS or equivalent qualification.
- iii. The applicants with Level 2 qualifications as recognized by Pakistan Medical and Dental Council will be required to have achieved a minimum cGPA of 3 to qualify for Entry Examination.
- iv. The applicants with Level 3 qualifications with as recognized by Pakistan Medical and Dental Council will be equated to PhD as per HEC Criteria.
- v. Applications for admission in PhD Program at King Edward Medical University (KEMU) will be invited once in a year, through advertisement in print and electronic media mentioning closing date of applications and date

of entry examination along with admission criteria on an application format as available at [Appendix - A](#) along with the fee as prescribed.

- vi. Applications will be invited for admission in PhD programs of Basic Sciences, Clinical sciences and other disciplines as approved by the academic council from time to time after consideration of available infrastructure, human resource, curriculum and track record.
- vii. The application shall be submitted to the office of Registrar on appropriate proforma, documents and fee receipt as per [Appendix - B](#).
- viii. The proforma for admission and the requirement for documents and fee can be modified from time to time by the academic council submission.
- ix. The scrutiny of the application will be conducted at registrar office. The list of successful applicants would be displayed within one month of receiving applications on university website by the registrar's office.

7. ENTRY EXAMINATION FOR PHD PROGRAM

- i. The entry examination will be held on the dates to be announced by the controller of examinations as per university calendar.
- ii. The total marks of the Entry Examination will be 150 and to be divided as follows.

a. Written paper	Total Marks = 100
b. Video-Projected Examination	Total Marks = 30
c. Interview	Total Marks = 20
- iii. The entry examination will consist of the following components
 - a) Written paper
 - i) The written paper will examine General Embryology, General Pathology, Physiology, Biochemistry, Cell Biology, Analytical Abilities and English Language.
 - ii) The written examination will consist of 150 Multiple Choice Questions with single best answer.
 - iii) Each correct answer in MCQs paper will carry 01 mark but an incorrect response will result in deduction of 0.25 mark.
 - b) Video – Projected Examination (VPE)
 - i) The Video Projected Examination will consist of 15 videos / slides.

- ii) These video / slides will consist of data and images based on the subjects as specified in Clause iii, a, i) of Entry Examination.
 - iii) Each correct answer will carry 02marks and an incorrect response will result in deduction of 0.5 mark.
- c) Interview
- i) The interview will be conducted by a committee constituted by the Vice Chancellor.
 - ii) All applicants shall be required to present all their original academic credentials at the time of interview otherwise they shall not be eligible for appearance for interview.

8. DECLARATION OF RESULTS OF ENTRY EXAMINATION

- i) The applicants will pass the Entry Examination by securing at least a cumulative score of 70%. Cumulative score of 70% marks to be calculated by adding up secured marks of each component of the examination and calculating its percentage.
- ii) Entry examination shall be valid for that particular admission and shall not be valid for subsequent admissions.
- iii) Passing in entry examination shall not automatically guarantee admission to PhD program.

9. ADMISSION PROCESS

- i. The seats for PhD shall be advertised by the university. The number of seats in any specialty will depend on the available human resource, infrastructure, curriculum, track record of the program and other parameters as decided by the university as per eligibility criteria.
- ii. The slots available for each PhD program will be decided by the university.
- iii. An application will be judged on the basis of the following criteria for admission
 - a) Cumulative score achieved by the applicant in the Entry Examination.
 - b) Marks achieved by the applicant out of a total of 02 marks for publications in PMDC /HEC approved journals. The publication in an impact factor journal will be given 01 mark per publication whereas and publication in a non-impact factor journal will be given 0.5 marks.

- c) Marks achieved by the applicant for research experience in the relevant field from a total of 02 marks. The experience of one year will be given 01 mark. The research experience must have been achieved whilst working in a supervised, properly assessed and audited program of research in a university. The applicant will provide a certificate of research experience from the supervisor not less than an associate professor.(all university programs).
- x.** The candidates selected as per admission criteria, will be notified and offered admission in to PhD program.
 - xi.** The acceptance of offer of admission by the candidate is to be submitted to the Registrar within 07 days after which it will automatically stand invalid.
 - xii.** On receipt of acceptance from Registrar's office, it shall be transmitted to the Human Resource Department (HRD). The candidate will be responsible to provide all necessary documents to the HRD. The Registrar of the university will allocate a registration number to each candidate within 15 days. Failure on the part of candidate to provide all documents within stipulated time will disqualify the candidate and the seat will be declared vacant.
 - xiii.** After registration, the candidate will submit certificate of acceptance from the supervisor of the concerned department. Failure to do so within stipulated time will disqualify the candidate and the seat will be declared vacant.
 - xiv.** The candidate shall have to get their joining report proforma signed by the supervisor and failure to do so within 07 days will result in declaration of seat being vacant. This may be filled in by the next available candidate on merit.
 - xv.** In case of any grievances, appeal can be filed within 15 days before the Vice Chancellor whose decision will be final.
 - xvi.** The Registrar office shall maintain a record of registration of all candidates
 - xvii.** The university will charge the fee (non refundable) as given in [Appendix B](#).
 - xviii.** The selected candidates shall pay their dues within stipulated time and upon failing to do so shall lead to the cancellation of their admission.
 - xix.** The exact quantum of fee will be decided and adjusted from time to time by the University.

PART-B

10. THE PhD PROGRAM FORMAT

- i. The candidates after grant of admission in to a PhD program will be trained as per chart of program format given in [Appendix - C](#).
- ii. The Doctoral Program Coordination Committee (DPCC) and the Chairman of DPCC will contribute in delivery of program format as given in [Appendix - E](#).
- iii. The minimum duration for the completion of PhD program shall be three years and maximum period shall be seven years. The period shall be counted from the date of registration to the PhD program. The maximum period may further be extended up to 1 year on the recommendations of research supervisor and approved by ASRB. After seven years, the scholar shall not be generally eligible for readmission.
- iv. The candidate will suggest the names of potential supervisor and co-supervisor to DPCC. The role and responsibilities of supervisor and co-supervisor have been given in [Appendix - F](#). DPCC will evaluate the candidate's application regarding the supervisor and co-supervisor and will recommend the names for approval to ASRB.
- v. The synopsis and research grant application will be prepared by the candidate under the guidance of the approved supervisor and Co Supervisor as given in [Appendix - G](#)
- vi. The synopsis of the research project will be submitted to DPCC prior to appearing in the Comprehensive Examination. The DPCC will evaluate as given in [Appendix - N](#) and approve the synopsis. The Chairman of DPCC will forward the synopsis to Project Evaluation Committee and will be sent to Institutional Review Board (IRB). The IRB will forward the synopsis to ASRB for final approval.
- vii. The research grant application will be processed by the Research Facilitation Committee after synopsis approval from ASRB.
- viii. The doctoral candidates after grant of admission will be taught comprehensive courses for 18 credit hours during the first 12 months. (16 hours of theory lectures per semester and 48 hours of lab work per semester, shall be equivalent to 1 credit hour).
- ix. The candidate will attend four mandatory workshops as given in [Appendix - D](#). The workshops should be completed preferably within 06 months but

no later than the date of submission of application to appear in the Comprehensive Examination.

- x. The course of 18 credit hours shall be completed in two semesters i.e semester 01 & 02. The duration of each semester shall be 18 weeks. The first 16 weeks will be required for completion of courses in each semester and the following two weeks will be allocated to preparation and conduct of assessment.
- xi. The course work in the semesters will be modular. The whole course will be supervised by the Chairman of DPCC
- xii. Each module will have a module instructor and the Chairman of DPCC will act as course coordinator.
- xiii. The candidate will appear in an assessment at the end of each module. Each module will have equal weightage.
- xiv. The Comprehensive Examination will be held after completion of two semesters.
- xv. The candidate shall have to pass Comprehensive Examination in four attempts.
- xvi. If a candidate fails to pass Comprehensive Examination in four consecutive attempts (availed or unavailed), the candidate shall be removed from the PhD program.
- xvii. The doctoral candidate can start the research immediately after approval of synopsis from the ASRB. It will be mandatory for the supervisor to submit detailed biannual progress report for each candidate by 30th June and 31st December of each year to the Chairman of DPCC. .
- xviii. The thesis will be prepared and submitted as per guidelines given in [Appendix - H and I](#)
- xix. The candidate will have to publish at least one full text research article at any time during his research, in “W” category journals of HEC i.e Journals having an Impact Factor and included in Journal Citation Report (JCR) of Institute For Scientific Information (ISI) web of knowledge / Thompson Reuters) or as per criteria of HEC.
- xx. The supervisor will confidentially submit in a sealed envelope a list of eight potential examiners for thesis evaluation to the Chairman of ASRB. The supervisor will submit the documents required for each potential examiner as given in **Part E Regulation 14 iii**. The ASRB will approve a panel of

examiners and shall forward the same in a confidential manner to the Controller Of Examination. The Controller Of Examination shall seek Vice Chancellor's approval for final selection of two examiners from technologically advanced foreign countries and two local examiners. Thesis evaluation by foreign examiners will be followed by public defense and viva voce by the local examiners.

- xxi. PhD degree will be awarded after acceptance of thesis.

PART - C

11. MODULAR ASSESSMENTS.

- i. The whole course work will be completed in modules during two semesters.
- ii. The assessment at conclusion of each module will be proforma based.
- iii. The assessment of each course will be conducted by the Module Instructor.
- iv. The assessment will be completed by last day of the final week of each module.
- v. The Module Instructor will prepare duplicate copies of the result of assessment. One of these will be sent to the Chairman DPCC.
- vi. The Chairman DPCC will forward results of all modular assessments to the Controller Examinations and will retain a copy in the office of DPCC.
- vii. Grade Points Average (GPA) of all modules in each semester will be calculated according to the [Appendix - L](#).
- viii. The candidate with GPA of less than 2.70 (65 – 69%) in any module will be required to repeat its assessment.
- ix. The candidate must obtain a minimum Cumulative Grade Point Average (CGPA) of 3.00 (70 – 74 %) from all modular assessments conducted in semester I & II.
- x. A candidate who fails to achieve a minimum Cumulative Grade Point Average of 3.00 from all modular assessments from semester I & II, will not be allowed to appear in the Comprehensive Examination.
- xi. The cumulative score achieved from all modular assessments in two semesters will have 10% weightage in the Comprehensive Examination.

PART - D

12. COMPREHENSIVE EXAMINATION OF PhD PROGRAM

The Comprehensive Examination will be held at completion of course work of 18 credit hours at the end of 12 months period.

The Comprehensive Examination will cover all course work of two semesters.

The total marks of Comprehensive Examination will be 200.

- a. **Eligibility criteria:** To appear in Comprehensive examination, a candidate shall be required :
 - i. To have submitted certificate of completion of mandatory workshops.
 - ii. To have achieved a minimum Cumulative Grade Point Average of 3.00 score in Modular Assessments.
 - iii. To have submitted evidence of submission of Synopsis.
 - iv. To have submitted certificate of 75% attendance in the course work from the Chairman Of DPCC.
 - v. To have submitted, Supervisor's Evaluation Proforma as given in [Appendix – M](#).
 - vi. To have submitted evidence of payment of examination fee and university dues

- b. **Comprehensive Examination Schedule and Fee:**
 - i. The Comprehensive Examination will be held twice a year and will be at the completion of two semesters.
 - ii. The comprehensive examination will held with a minimum period of one month after declaration of second semester result.
 - iii. Examination fee will be determined periodically by the university.
 - iv. The examination fee once deposited cannot be refunded / carried over to the next examination under any circumstances.
 - v. The Controller of Examination will issue Roll Number Slips on receipt of prescribed application form, documents satisfying eligibility criteria and evidence of payment of examination fee.

c. **Components of Comprehensive Examination**

The Comprehensive Examination will consist of the following components

- | | | |
|------|---|-------------------|
| i) | Written Part Of Comprehensive Examination | Total Marks = 100 |
| ii) | Practical Work Part Of Comprehensive Examination | Total Marks = 30 |
| iii) | Oral Part Of Comprehensive Examination | Total Marks = 50 |
| iv) | Contribution of Modular Assessment to the Comprehensive Examination | Total Marks = 20 |

d. **Written Part Of Comprehensive Examination**

The written examination will consist of 100 single best answer type Multiple Choice Questions. Each correct answer in the Multiple Choice Question paper will carry 01 marks but an incorrect response will result in deduction of 0.25 mark.

e. **Practical Work Part Of Comprehensive Examination**

The practical work will consist of 06 stations with 05 marks for each station.

f. **Oral Part Of Comprehensive Examination**

The oral part of Comprehensive Examination will be based on the relevant subjects covered in all the modules.

g. **Contribution of Modular Assessments to the Comprehensive Examination**

The marks for modular assessments as per 10% weightage formula will be 20 and will be added to other components of the Comprehensive Examination.

h. **Declaration of Result**

- i. The candidate scoring a cumulative of 70% marks will pass the Comprehensive Examination. Cumulative score of 70% will be calculated by adding up secured marks of written examination, practical work, oral examination and modular assessments and then calculating its percentage.

- ii. A maximum of four consecutive attempts (availed or unavailed) will be allowed in the Comprehensive Examination during which the candidate will be allowed to continue in the PhD program.
- iii. If the candidate fails to pass the Comprehensive Examination within the above mentioned limit of four consecutive attempts, the candidate shall be removed from the PhD program.

PART - E

13. PhD THESIS PREPARATION & SUBMISSION

- i. The candidate shall prepare and submit PhD Thesis as per Guidelines given in [Appendix – H](#).
- ii. The thesis format will be according to the guidelines for the thesis format given in [Appendix – I](#).
- iii. The candidate will submit a certificate of completion of research from the supervisor as given in [Appendix – J](#).
- iv. The candidate shall submit declaration confirming that the research work was original and has not been printed, published or submitted elsewhere as given in [Appendix – K](#).

14. PhD THESIS EXAMINATION:

- i. PhD Thesis examination will consist of:
 - a. PhD Thesis Evaluation by Foreign Evaluators
 - b. Viva Voce Examination by Local Examiners
 - c. The Public Defense Of Thesis
- ii. The supervisor will send a list of 08 experts who will be the potential examiners for PhD Thesis. The list of eight will consist of 04 foreign and 04 local experts.
- iii. The supervisor shall send the following documents for each examiner's portfolio to the Chairman of ASRB:
 - a. Curriculum Vitae
 - b. Publication record accessible on the web
 - c. Official academic address
 - d. Willingness to become an examiner
- iv. The ASRB will scrutinize the eight portfolios of the potential examiners and send them to Controller of Examinations.
- v. The Controller of Examination will send the panel of 08 examiners to the Vice Chancellor. Six of the panel will be foreign and six will be the local examiners.
- vi. The Vice Chancellor will select two foreign and two local experts from the list of 08 examiners.

- vii. Thesis will be submitted to the Controller of Examinations after clearance from plagiarism as checked through available University software or through HEC quality control system.
- viii. The Controller of Examinations will send the doctoral candidate's PhD thesis within 10 days to the foreign evaluators.
- ix. The Controller of Examinations shall get thesis evaluated within 16 weeks after the date of submission / resubmission of thesis to his office.
- x. The Controller of Examinations will inform the Vice Chancellor about the progress in thesis evaluation on fortnightly basis after the 12th week.
- xi. The Controller of Examination will send a fortnightly reminder to the evaluators after the 04th week and any delay in getting thesis evaluated beyond 16 weeks will be brought to the notice of the Vice-Chancellor immediately.
- xii. If no response received from the evaluators despite reminders, the Vice Chancellor will take appropriate action for completion of evaluation process.
- xiii. **PhD Thesis Evaluation by Foreign Evaluators**
 - a. The PhD thesis must be evaluated by at least two PhD experts related to the field. These evaluators shall be from technologically advanced foreign countries.
 - b. The foreign evaluators for PhD thesis evaluation should meet the following criteria:
 - i) Should have a PhD degree from HEC approved institute in the relevant or closely related field.
 - ii) Should be serving on an academic position in some institution.
 - iii) Should have an official academic institutional address and phone number, official email contact for all correspondence.
 - iv) Should have at least 05 publications accessible on internet.
 - c. The Proforma for selection of external evaluators will be completed as given in [Appendix – O](#).
 - d. The PhD thesis will be evaluated as given in [Appendix - P](#)
 - e. If both foreign evaluators reject the thesis and suggest major revisions which may be required if there is need for further experimentation or significant additional research work or reformulation or major problems with

the presentation of content of thesis. The candidate will be asked for additional research work in the relevant area for a maximum of one year.

- f. The candidate whose thesis required major modification or revision, will apply for resubmission of thesis no later than one year from the date of notification of rejection by the examination department to the student. The corrections or modifications or changes in the revised version will be verified by the supervisor and Chairman of DPCC before being submitted to the foreign evaluator.
- g. If any of the evaluators suggests minor modification which may be of stylistic or typographical type or rearrangements of paragraph without conceptual modification or data revision of the thesis, the candidate will be required to re-submit a revised version of the thesis within three months. The corrections or modifications or changes in the revised version will be verified by the supervisor and Chairman of DPCC and will be accepted as such without being referred to foreign evaluators.
- h. The same evaluator who suggests modification of the thesis, shall evaluate the revised version of the thesis.
- i. If the original evaluator is not available or not willing to continue the process of re-evaluation of thesis, the Vice Chancellor will appoint the new evaluator from the already approved panel.
- j. A fee will be applicable for reevaluation of thesis as determined by the university.
- k. If the revised thesis is again rejected by both evaluators, the candidate will not be allowed to continue in the PhD program.
- l. If one of the external evaluator approves the thesis and the other rejects, it shall be sent for re-evaluation to a 3rd evaluator from the panel of already approved list of six foreign evaluators. The process of thesis re-evaluation will be as previously described. If the 3rd evaluator rejects the thesis, the candidate shall be declared to have failed. In case of acceptance of the thesis by the 3rd evaluator, the case shall be processed further for the Viva Voce and The Public Defense Of thesis.

- m. Following acceptance of the thesis by two foreign evaluators, ASRB will grant permission for conduct of Viva Voce and The Public defense Of Thesis.
- xiv. **Viva Voce Examination For PhD Thesis**
- a. The Viva Voce Examinations for the doctoral candidate will be conducted before The Public Defense of Thesis.
 - b. The examiners in the Viva Voce examination will assess candidates' thought process about the contents of thesis, rationale of research work, determine its originality and seek explanation about any deficiencies, ambiguities and any concerns raised by the examiners.
 - c. There will be two local examiners from the panel of six examiners as appointed by the Vice Chancellor.
 - d. The examination department will prepare five copies of the accepted thesis in print and soft version. There will be two copies for the two local examiners, one copy for the doctoral candidate's file, one copy for the supervisor and one copy for the University library. A fee will be applicable for preparation of copies.
 - e. The examination department will notify the doctoral candidate with the time & date at least ten days before the Viva Voce Examination.
 - f. The local examiners shall submit the result under sealed cover the same day to the examination department.
 - g. If the doctoral candidate fails to satisfy the local examiners in the Viva-Voce examination, the doctoral candidate may be required to reappear in the Viva Voce Examination for the second time within a period of six months.
 - h. The candidate will be re - examined preferably by the same examiners who examined in the previous attempts.
 - i. If one of the two local examiners fail the candidate, then a third examiner will be appointed by the Vice Chancellor from the panel of already approved local examiners. In case the third examiner fails the candidate, he / she will be asked to reappear in the Viva Voce Examination for the second time within a period of six months.

- xv. **The Public Defense of PhD thesis**
- a. The Public Defense of PhD Thesis will follow Viva Voce Examination.
 - b. The Examination Department will notify a date, time and venue for Public Defense of Thesis through University Website, notice board etc.
 - c. The Public Defense of Thesis will be done in a public presentation in which two local examiners who conducted the Viva Voce examination, teaching faculty, members of DPCC and the general public will participate.
 - d. The Chairman DPCC will invite all the participants to The Public Defense of Thesis.
 - e. The Public Defense of Thesis consists of a power point presentation of the major findings followed by a general interactive discussion about the research subject. No modifications will be suggested and only questions will be answered.
- xvi. The candidate will pass or fail on the basis of cumulative outcome from Viva Voce Examination and The Public Defense of Thesis.

15. AWARD OF PhD DEGREE

- i. The doctoral candidate will have to get his / her PhD Thesis accepted, pass cumulatively in viva voce examination and the public defense of thesis.
- ii. The Syndicate on the recommendation of the Advanced Studies and Research Board will approve the reports of the evaluators for the thesis and result of viva voce examination and the public defense of thesis.
- iii. The doctoral candidate will be awarded the degree of DOCTOR OF PHILOSOPHY (PhD) in the relevant subject after approval from the syndicate of King Edward medical University.

PART - F

16. GENERAL CLAUSES

- i. The fee for application form, prospectus, processing charges, tuition fee and other charges can be revised periodically by the university.
- ii. The number of seats for each PhD program will be allocated according to the number of available slots, supervisors / teachers and the availability of relevant equipment as well as infrastructure and others within the departments of the university conducting and supervising research activity. These parameters will be subject to annual audit and review by the University.
- iii. The PhD. program of KEMU will be a full time coursework / research. Part-time coursework or research is not permissible.
- iv. A doctoral candidate may freeze his training / research for a length of period not exceeding one year in total at a stretch or in parts. Vice Chancellor may grant a maximum extension of 30 days in exceptional circumstances over and above this one year limit. No further extension will be permissible and the training in the allocated program will be terminated.
- v. In case, a doctoral candidate withdraws from research and work for completion of his / her thesis, he shall inform the Supervisor, Co-supervisor, Chairman DPCC and the Registrar's Office in writing within 07 days. Any delay in doing so and all the losses incurred consequent upon withdrawal shall be the responsibility of the candidate.
- vi. The leave rules will be adopted as per directives of the Government for postgraduate trainees or as issued by competent authority would be applicable to the trainees.
- vii. Study leave is mandatory for in service doctoral candidates.
- viii. If the doctoral candidate is employed by the King Edward Medical University, his / her workload will be reduced to half provided he / she will not take any class in evening program / on payment basis.
- ix. The doctoral candidate as writer of the thesis is considered as its author as defined by the law on copyright. He / she holds all the rights conferred by copyright.

- x. The King Edward Medical University has a non-exclusive right to publish and use part or all of the thesis, where it has supported the author by funding his / her work or making available the logistical means on its premises.
- xi. Thesis involving a patent: The distribution of a thesis can be delayed while the patent process is being completed. As soon as the patent application has been submitted, the thesis must be distributed.
- xii. The candidate shall inform the Registrar's Office of any changes in his / her personal data, failure to do so and any losses incurred consequent to it, will be the candidate's responsibility.
- xiii. A fee will be applicable for any omission or changes resulting in corrections on the diploma.
- xiv. In case of any ambiguity or controversy, the Vice Chancellor has the final authority to make a decision.
- xv. In interpretation of rules and regulations, the Vice Chancellor will be the final authority.
- xvi. All the previous PhD regulations hereby stand repealed.

PART - G

17. DISCIPLINARY ACTION

- i. Regulations related to cancellation / expulsion from PhD Program
 - a. Expulsion whenever imposed on a candidate shall mean the loss of a specific duration of studies and training as determined by the Vice Chancellor and being debarred from the University Examination during the period of his / her expulsion without refund of any fee.
 - b. A candidate expelled from an institution shall not be readmitted before the expiry of the period of his / her expulsion.
 - c. A candidate shall continue to be under the disciplinary jurisdiction of the Vice Chancellor till the declaration of the result of final examination of the program.
 - d. PhD. registration can be cancelled by the Registrar on the recommendations of the Supervisor / Doctoral Program Coordination Committee / ASRB followed by the approval of the Vice-Chancellor, if the candidate
 - i) earns two consecutive adverse progress reports from his / her supervisor
 - ii) remains absent from the program
 - iii) leaves the program
 - iv) does not complete the course work within specified time line
 - v) does not qualify the comprehensive examination even in the fourth attempt
 - vi) does not meet 75% attendance criteria in theory and practical separately
 - vii) is found guilty of misconduct.
 - e. The aggrieved candidate may file an appeal against cancellation of PhD registration to the ASRB within a period of 30 days. ASRB will give him an opportunity to be heard in person. However, the decision of the ASRB will be final and cannot be questioned in any court of law as prescribed under section 48-A of the King Edward Medical University Act 1973.
 - f. The Module Instructor shall report the names of the candidates who are absent from the lectures / practicals continuously for 14 days in two consecutive weeks to the Chairman DPCC. The Chairman of DPCC will review the report

and may recommend to the Vice Chancellor to strike off the names of such candidates from the program.

- g. A student who discontinues studies on medical / emergency ground will be allowed to seek readmission in the same semester next year after paying semester fees. During the period of discontinuation of studies the hostel, medical and transport facilities shall be withdrawn which are normally available to regular students.
- ii. For all such offences that occur in the institution, attached hospitals and hostel premises, the Vice Chancellor may at his discretion refer the case to the Disciplinary Committee of the institution, which shall be appointed by the Vice Chancellor approved by the Academic Council from time to time. This Disciplinary Committee shall have the power to hear any student or students or any member of the staff or any member of public and is empowered to send its recommendations to the Vice Chancellor who may or may not seek the ratification of these recommendations by the Academic Council.
- iii. The Disciplinary Committee will consist of at least three professors / senior associate professors.
- iv. After considering the recommendations of the Disciplinary Committee, disciplinary action by the Vice Chancellor against the candidates / students committing an offence might take one or more of the following forms depending upon severity of the offence:
 - a. The candidate may be asked to tender and apology, verbal or written. This shall be placed on the student's record.
 - b. A candidate may be placed on probation with monthly report from the supervisor securing 70 % score for a period of up to one year. If during the period of probation he / she fails to improve his / her conduct, he / she may be expelled from the institution.
 - c. A candidate may be fined up to Rs. 10,000/- or an amount which may be decided and adjusted from time to time by the University.
 - d. Stipend / scholarship if any may be suspended or stopped.
 - e. A candidate may be suspended from the roll of the institution for a period determined by the Vice Chancellor on recommendation of disciplinary committee.

- f. The candidate may be expelled from the institution by the Vice Chancellor on the recommendation of the Disciplinary Committee.
- v. The PhD candidate shall not keep in their possession firearms, other weapons of offence and narcotics, involvement in sectarian or anti Pakistan activities in the premises of the institution, attached hospitals and hostels. Appropriate disciplinary action shall be taken against the candidates found guilty of contravening this rule.
- vi. The Vice Chancellor is competent to impose and remit fines.
- vii. The Vice Chancellor is competent to impose punishment as deemed necessary.
- viii. The decision of the Vice Chancellor in all cases shall be considered as final and will not be challengeable in any court of law.
- ix. The above disciplinary rules may be amended by the Vice Chancellor on recommendation of the Academic Council.

Part – H

List of Appendices

Appendix – A	Application form for admission into PhD program
Appendix - B	King Edward Medical University PhD tuition fee and other charges
Appendix – C	PhD program format of King Edward Medical University
Appendix – D	Mandatory Workshops
Appendix – E	Doctoral Program Coordination Committee (DPCC)
Appendix – F	The Supervisor for PhD program
Appendix – G	Guidelines for preparation of synopsis
Appendix – H	Guidelines for preparation and submission of PhD thesis
Appendix – I	Guidelines for KEMU PhD thesis format
Appendix – J	Certificate by the supervisor for research completion
Appendix - K	Tiles of Thesis / Research Dissertation
Appendix – L	Grading System for PhD Program
Appendix – M	Supervisor’s Evaluation Proforma
Appendix – N	King Edward Medical University Lahore Research Proposal Evaluation Proforma
Appendix - O	Proforma to be completed for selection of External Evaluators for PhD Thesis Evaluation
Appendix - P	Proforma For PhD Thesis Evaluation

APPENDIX – A
(See Regulation 6-iii)

Application form for Admission in to PhD Program

APPENDIX – B
(See Regulation 6-v & 9-xv)

KING EDWARD MEDICAL UNIVERSITY PhD TUITION FEE AND OTHER CHARGES*

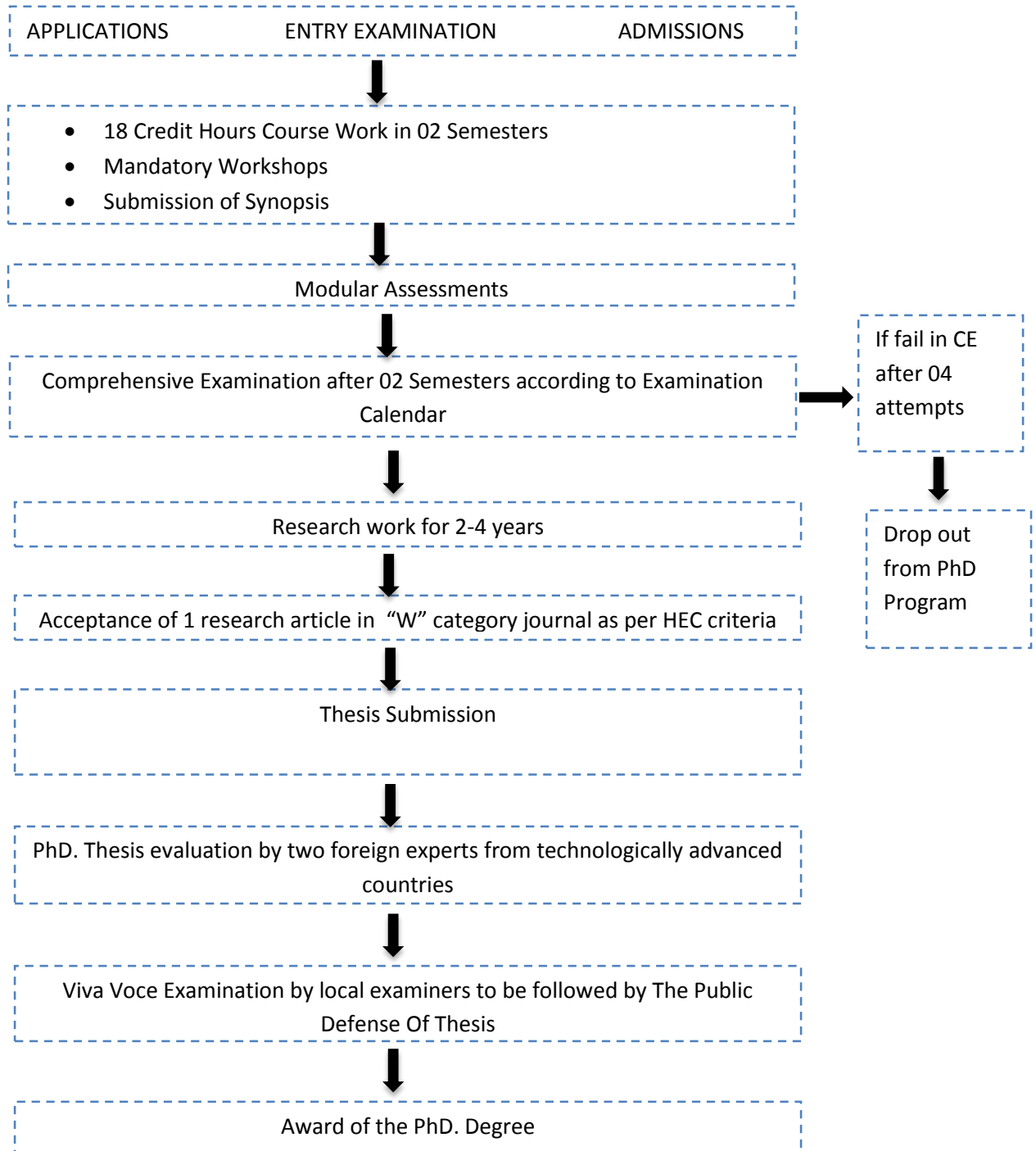
Admission Form fee	1000 / Once
Entry test fee	5000 / Once
Tuition fee	35,000 / annum
Laboratory fee	10,000 / annum
Library fee	1500 / annual
Electric charges	2000 / annual
ID card	200.00
Library security	10,000 / Once
Examination fee	5,000 / annual
PhD. Thesis fee	20,000 / Once
6 th and 7 th year tuition fee (in exception)	5000 / month

* Subject to change after approval from Academic Council.

APPENDIX – C

(See Regulation 10-i)

PhD Program Format of King Edward Medical University



APPENDIX “D”
(See Regulation 10 - ix)

MANDATORY WORKSHOPS

1. Each candidate of MD/MS/MDS program would attend the 04 mandatory workshops and any other workshop as required by the university.
2. The four mandatory workshops will include the following
 - a. Research Methodology and Biostatistics
 - b. Synopsis Writing
 - c. Communication Skills
 - d. Introduction to Computer / Information Technology and Software programs
3. The workshops will be held on 03 monthly basis.
4. An appropriate fee for each workshop will be charged.
5. Each workshop will be of 02 - 05 days duration.
6. Certificates of attendance will be issued upon satisfactory completion of workshops.

APPENDIX – E

(See Regulation 3-k & 10-ii)

Doctoral Program Coordination Committee (DPCC)

i. Composition of the DPCC: The committee will consist of KEMU faculty members who have a PhD Degree and their name is in HEC approved supervisor list. The Vice Chancellor will approve the names of the members of committee. Further, the Vice Chancellor will appoint one chairman and one coordinator from the members of committee at the time of approval.

ii. Responsibilities of Chairman DPCC

- a. To advertise in print / electronic media for admission in to KEMU PhD programs.
- b. To oversee induction of applicants in to PhD program
- c. To facilitate Interview part of the Entry Examination
- d. To supervise the whole course work.
- e. To act as Course Coordinator. The Course Coordinator will recommend the names of instructors for each module, ensure availability of instructors, keep record of attendance, assessments and submit results of modular assessments to the Controller of Examinations.
- f. To send the synopsis for approval by the Institutional Review Board (IRB).
- g. To scrutinize the documents in portfolio of potential examiners for PhD Thesis Evaluation.
- h. To co-ordinate with the Registrar and Controller of Examination

iii. Responsibilities of DPCC

These are as follows:-

- a. To recommend eligibility criteria for applicants of PhD programs
- b. To design curriculum of the taught courses.
- c. To approve all curriculum revisions
- d. To make recommendations to upgrade the course contents to include recent advancements / technologies in respective subject to ASRB, which shall have final authority to approve the changes / up gradation.
- e. To determine the course outline and contents of training modules of each candidate on recommendation of the relevant department

- f. To revise course content of a module at the request of Module Instructor who will forward a request to DPCC for consideration.
- g. To ensure an appropriate learning environment
- h. To develop recommendations for Faculty / Supervisors
- i. To recommend the names of the supervisor and co-supervisor for approval from ASRB.
- j. To evaluate and approve the synopsis for onward submission to Project Evaluation Committee.
- k. To deal with PhD Student affairs
- l. To assure quality of the PhD program.

APPENDIX – F
(See Regulation 10-iv)

The Supervisor for PhD Program

a) Role of Supervisor

Qualified supervision is an essential component for a successful PhD program. The supervision will be tailored to meet the requirements of the individual PhD student and his development throughout the program. In selecting supervisors the following elements may be considered.

b) Academic requirements for the Supervisor

- i. The supervisor will be scientifically qualified in the concerned field, implying that he/she is an active scholar with a steady scientific production that contributes to the peer reviewed literature.
- ii. The supervisor will have a PhD degree.
- iii. The supervisor must be a member of the University staff.
- iv. The supervisor will have a broad scientific, local and international network to be able to introduce the PhD student into the scientific community. Increasingly, it will be expected that the supervisor has some formal training as a supervisor.

c) Responsibilities of the Supervisor

- i. The supervisor will be available on a regular basis throughout the PhD program.
- ii. The supervisor must have demonstrated an interest and expertise in the field of the candidate's research. The supervisor must not undertake to supervise students in fields or on topics in which he/she has no expertise or interest. The number of PhD students per supervisor shall be compatible with his or her workload
- iii. The supervisor must recognize that accepting a research student involves a commitment to see a project through to completion within university's normal time line.

- iv. The support provided by supervisor will include general scientific advice, help on project management, help to identify and initiate follow-up projects, assistance during publication, and career development.
- v. The supervisor must not permit a candidate to work on a project if any doubt exists about the availability of adequate material, records or equipment
- vi. The supervisor must be familiar with the regulations governing the PhD program of KEMU and must be able to advise the candidate in matters relating to the regulations.
- vii. The supervisor must insist on seeing drafts of major sections of the thesis as it is written. The supervisor must see a complete draft of thesis before its submission.
- viii. The supervisor should assist the candidate by:
 - a. Advising and assisting candidates to adhere to time line for completion of different stages of the project.
 - b. Providing information and ways to access relevant literature etc.
 - c. Encouraging and introducing the candidate to researchers working in related fields.
 - d. Having regular discussions and providing critical appreciation of the candidate's findings and ideas.
 - e. Promptly reading, critical and annotating draft chapters.
 - f. Advising the candidate on the form and structure of the thesis according to university guidelines.
 - g. Provision of opportunities for developing presentation skills and documentation according to internationally recognized guides.
 - h. Ensuring that the candidate is aware that plagiarism is a serious offence that will be dealt with in terms of the University disciplinary rules.

Supervisor-student relationship.

This relationship will be the key to a successful PhD program and requires mutual respect, planned and agreed shared responsibility and a contribution from both.

In case of demand of student for the change of supervisor, a written application explaining the reasons for change of supervisor- will be filled by the student. The student has to choose new topic and get it approved from all concerned committees (DPCC, PEC, IRB and ASRB).

The Co – Supervisor for PhD Program

It is recommended that each PhD student will have at least one co-supervisor in addition to the main supervisor to cover all aspects of the program. The co-supervisor may not be content specialist in the chosen field of research but have great knowledge about the scientific area in question and can contribute to the PhD project and help the student with the research.

The responsibilities of Co-Supervisor will be as follows:

- i. To support in preparation of synopsis and its submission to DPCC.
- ii. To ensure continuity in the supervision, in case the main supervisor is absent, becomes sick, leaves university or retires. This person will be responsible for the day-to-day supervision.
- iii. To give the most efficient supervision to the PhD student contributing with a 'second opinion' and certain areas of expertise in addition to the main supervisor.
- iv. To give constructive critique and respond to submitted manuscripts / publications and parts of the final PhD thesis.
- v. To stay up-to-date with the progress of the PhD student's work.

APPENDIX – G
(See Regulation 10-v)

GUIDELINES FOR PREPARATION OF SYNOPSIS

Synopsis will be submitted to DPCC before taking comprehensive examination and will be routed through, IRB and ASRB.

A research proposal for PhD. Registration should include certain basic components, in which a number of questions need to be addressed. The following components should be provided in a synopsis of a PhD. research project. The details may, however, vary according to the field of study. Any alteration to the following format may be made in a specific discipline only with good justification:

- a. **Title:** A title page of the synopsis should include title (topic) of the research project, name of the student (with qualifications), name of the supervisor(s), place of work and date (month and year) of submission.
- b. **Topic:** The topic for research should be selected carefully. It should be specific and worded to show the nature of work involved as far as possible.
- c. **Table of Contents**
- d. **Introduction:** Should clearly manifest why the present work is undertaken which may provide a context or background for the study (i.e., the nature of the problem and its significance). State the specific purpose or research objective of, or hypothesis tested by, the study or observation; the research objective is often more sharply focused when stated as a question. Both the main and secondary objectives should be made clear, and any pre-specified subgroup analyses should be described. Give only strictly pertinent references and do not include data or conclusions from the work being reported.
- e. **Literature review:** A review of the relevant literature showing the work done previously in the area of proposed research is essential to plan further research effectively. The information given in the review should be supported by references.
- f. **Justification and Likely Benefits:** It is important to provide justification for undertaking the proposed research, perhaps in the light of previous work done. It should be possible in most cases to anticipate the specific and general benefits likely to be achieved as a result of completion of the proposed research.

- g. **Aims and Objectives:** - Define clearly the aims of the research proposal. Broad objectives as visualized to be achieved should be properly outlined and these should be itemized. These objectives will indicate the major aspects of the study to be undertaken.
- h. **Plan of work and Methodology:** Explain the approach and methods to be followed. Details pertaining to design of experiments and the data analysis should also be given.
- i. **Plan:** Give year wise tentative plan work.
- j. **Place of Work and Facilities Available:** In order to complete the proposed research some specialized facilities may be required. For example in case of experimental sciences different equipments may be involved or in the case of, may be, a study on a scholar, the relevant literature may be available in a foreign country. Therefore it is important to identify the place where the research work will be undertaken and whether the resources and facilities required for doing the research are available.
- k. **Statistics:** Describe statistical methods with enough detail to enable a knowledgeable reader with access to the original data to verify the reported results. When possible, quantify findings and present them with appropriate indicators of measurement error or uncertainty (such as confidence intervals). Define statistical terms, abbreviations, and most symbols. Specify the computer software used.
- l. **Words:** The applicants should organize research proposal (synopsis) from 1,500 to 5,000 words.

APPENDIX – H

(See Regulation 10-xvii & 13-i)

Guidelines for Preparation and Submission Of PhD Thesis

- i. The PhD thesis is the primary basis for evaluating if the PhD candidate has acquired the skills to carry out independent, original and scientifically significant research and to critically evaluate the work done by others.
- ii. PhD thesis should be published on the KEMU's homepage. Where patent, copyright legislation or other reasons prevent this, at least abstracts of the theses should be publicly accessible. The University will make all PhD theses available online and in the library.
- iii. The thesis submitted by the candidate for PhD degree must comply with the following conditions: -
 - a) It must form a distinct contribution to knowledge and afford evidence of originality, shown either by the discovery of new facts or by the exercise of independent critical judgment.
 - b) It must not include research work for which degree has been awarded to anybody in this or any other university
 - c) The thesis must be written in English and the presentation must be satisfactory for publication.
 - d) At least one publication (to be decided by the faculty) in HEC approved "W" category journals (see HEC website) is requisite for thesis submission.
 - e) Any part of the thesis that has been published before submission of the thesis must be appended at the end of the thesis.
 - f) The candidate shall submit through his supervisor six copies (7 copies in case of co-supervisor) of his/her thesis typed or printed, along with 6/7 copies of a short abstract of about 1000 words and a CD of the thesis.
 - g) The candidate shall pay the prescribed fee for the examination at the time of submission of thesis.
 - h) The candidate shall at the time of thesis submission supply the documents as per university requirements.

Appendix – I

(See Regulation 10-xvii & 13-ii)

GUIDELINES FOR KEMU PhD THESIS FORMAT

All thesis presented in typescript for the degree of PhD should comply with the following specifications unless permission to do otherwise is obtained from the relevant authority / body.

a. **SIZE OF PAPER**

A4 size be used, no restriction is placed on drawings and maps.

b. **PAPER SPECIFICATION**

Six copies on good quality paper (minimum 80g) be submitted.

c. **METHOD OF PRODUCTION**

The text must be typewritten in acceptable type face and the original typescript (or copy of equal quality) must normally be submitted as the first copy. The second and subsequent copies may be produced by means of other acceptable copying methods.

d. **LAYOUT OF SCRIPT**

Typescript should appear on one side only, lines; at least one-and-a-half spaced. Footnotes, quotations, references and photographic captions may be single spaced. Where appropriate, these should contain lists giving the locations of figures and illustrations.

e. **FONT SIZE**

Title Page 18-22

Headings / subheadings 14-20

Text 10-12

Footnotes 8-10

Footnotes be given on the same page where reference is quoted

f. **TYPE STYLE**

Times New Roman / Arial / Courier New

g. **MARGINS.**

At least 1¼ -1½ inches (3.17-3.81cm) on the left-hand side, ¾ - 1 inch (2 - 2.54cm) at the top and bottom of the page, and about ½ - 0.75 inches (1.27 - 1.90cm) at the outer edge. The best position for the page number is at top-center or top right ½ inch (1.27 cm) below the edge. Pages containing figures and illustration should be suitable paginated.

h. FOLLOWING IS THE PREFERABLE LAYOUT OF THE THESIS

- i. Title page
- ii. Abstract / Summary
- iii. Acknowledgements
- iv. Abbreviations not described in the text
- v. Contents
- vi. List of Tables (where applicable)
- vii. List of Figures (where applicable)
- viii. Introduction (including literature review) or
 - a. Introduction
 - b. Review of Literature
 As separate chapters as per requisite of the subject
- ix. Material and Methods
- x. Results

May comprised of one chapter or a number of chapters depending upon the subject matter/ requirements
- xi. Discussion (including Conclusion/s, Recommendation/s where applicable)
- xii. References / Bibliography / Literature Cited
- xiii. Appendices (where applicable)
- xiv. Any other information specific to the respective discipline

i. TITLE PAGE

All thesis must contain a title page giving the title of the thesis, the author's name, the name of the degree for which it is presented, the department in which the author has worked or the faculty to which the work is being presented, and the month and year of submission.

j. LENGTH OF THESIS

Whilst the regulations do not contain a clause relating to the maximum length of theses, it is expected that work presented for the degree of PhD should normally be between 40,000 - 120,000 words of text. Candidates wishing to greatly exceed these sizes should discuss the matter with their supervisors.

k. PUBLISH WORK

Published work from the theses be included as appendix (Reprints/ proof / preprint).

l. BINDING

All final theses and published work presented for higher degrees must be bound in a permanent form or in a temporary (hard binding will be provided after defense of the thesis) form. Front cover should give title of the thesis, name of the

candidate and the name of the Institute/ Department/ Centre/ College through which submitted, in the same order from top to bottom. The lettering may be in boldface and properly spaced. Their sizes should be: title 24 pt., name of the candidate 18 pt. and the name of the department/ institute/ centre/ college 18 pt. The colour of binding should be dark maroon/dark grey

Spine of the thesis should show "PhD thesis" on top across the width of spine, name of the candidate in the middle along the length of spine, and the year of submission across the width at the bottom. Lettering on spine should be in 18 pt. and may be in boldface.

Appendix – J
(See Regulation 13-iii)
King Edward Medical University

Certificate by the supervisor for Research Completion

This is to certify that the research work described in this thesis is the original work of the author and has been carried out under my direct supervision. I have personally gone through all the data/results/materials reported in the manuscript and certify their correctness/authenticity. I further certify that the material included in this thesis has not been used in part or full in a manuscript already submitted or in the process of submission in partial/complete fulfillment of any other degree from any other institution. I also certify that the thesis has been prepared under my supervision according to the prescribed format and I endorse its evaluation for the award of Ph. D degree through the official procedure of the University.

Signed Date

Supervisor

Appendix – K
(See Regulation 13-iv)

Title of Thesis/Research Dissertation

**Submitted to King Edward Medical University Lahore in partial
fulfillment of the requirements for the award of Degree of**

In

By

Name of student_____

Session_____

Role Number_____

Department_____

King Edward Medical University, Lahore

Title of Thesis/Research Dissertation Declaration

Declaration

The form of declaration is as follows. It is compulsory requirement for every thesis or research Dissertation

Dr / Mr / Mrs / Miss _____ Roll Number _____

Student of _____ in the subject of _____

Session _____ hereby declare that the matter printed in the _____ thesis/dissertation titled _____

Is my own and original work which has not been printed, published or submitted as research work, thesis or publication in any form in any University / Research Institution etc in Pakistan or abroad. Further the work is clean from any plagiarism or copying from any other sources. The thesis must be evaluated after clearance from HEC Plagiarism software. The thesis will be submitted to HEC for PhD. Country Directory

Dated _____ Signature of the student _____

King Edward Medical University, Lahore

APPENDIX – L
(See Regulation 11-vii)

Grading System for PhD Program Of KEMU

Percentage Marks	Letter Grade	Grade-Points
85 & Above	A	4.00
80 – 84	A-	3.70
75 – 79	B+	3.30
70 – 74	B	3.00
65 – 69	B-	2.70
61 – 64	C+	2.30
58 – 60	C	2.00
55 – 57	C-	1.70
50 – 54	D	1.00
Below 50	F	0.00
Withdrawal	W	Incomplete

APPENDIX – M

(See Regulation 3-aa & 12-a (v))

**Supervisor's Evaluation Proforma
King Edward Medical University**

Period From: _____ To: _____

Personal Information of Doctoral candidate:

NAME OF CANDIDATE	
PHD REG. NO	
DEPARTMENT/CENTRE	
SUPERVISOR NAME	
SUPERVISOR EMAIL	

Academic Progress

A	Date of Admission/Registration:	Day: _____ Month _____ Year _____	
B	Date/ Expected date of Completion of Research work:	Day: _____ Month _____ Year _____	
c	Date/ Expected date of Completion of Program	Day: _____ Month _____ Year _____	
D	Semester GPA / CGPA	Semester 1	Semester 2
E	Research Topic (Please attach Synopsis):		
F	Date of Approval from ASRB	Day: _____ Month _____ Year _____	

Academic Achievements

S. No	Descriptions	During Reporting Period	Total
A	Number of Publications in HEC Recognized Journals (Please attach E-Copy of Papers)		
C	Presentations in Conferences/Seminars/Workshops Participated (Please attach Details)		

D	Any other Significant Achievement (Please attach Details)		
---	--	--	--

Overall Progress: (Please Tick any one)

Poor	Satisfactory	Good	Very Good	Excellent
------	--------------	------	-----------	-----------

Employment Status

Unemployed	Employed On study leave	Doing Job
------------	-------------------------	-----------

Detail Remarks of Supervisor:

Verified/Certified by:	Countersigned by:
Supervisor	Chairman/Head of Department
Name:	
Designation:	Name _____
Signature & Date _____	Signature & Date _____
Official Seal/Stamp : _____	Official Seal/Stamp: _____

APPENDIX – N

(See Regulation 10-vi)

**King Edward Medical University Lahore
Research Proposal Evaluation Proforma**

Name of the student _____ Department _____

Name of supervisor _____ Co-supervisor _____

Title of research proposal _____

_____**Section I**

Please evaluate the student's proposal by marking the number that correspond to your rating in each of the following areas

A. Research Topic

(Relevance of concept, relationship to theoretical base of existing body of knowledge: significance of topic; contribution to the student's development)

1. Poor 2. Fair 3. Good 4. Very Good 5. Excellent **B. Statement of Problem**

(Clearly stated research questions and purpose: How much improvement does the proposed activity bring to advance knowledge and understanding within its own field or across different field, how the patients are benefit with the outcome)

1. Poor 2. Fair 3. Good 4. Very Good 5. Excellent **C. Originality of work**

(To what extent does the proposed activity suggest and explore creative and original concept)

1. Poor 2. Fair 3. Good 4. Very Good 5. Excellent

D. Soundness of approach and organization of the research plan

1. Poor 2. Fair 3. Good 4. Very Good 5. Excellent

E. Review of literature

(Student has reviewed the literature sufficiently and it was focused and comprehensive).

1. Poor 2. Fair 3. Good 4. Very Good 5. Excellent

F. Methodology

(Design and procedure adequate to support the study's objectives; Scope of project feasible with regard to time and resource limits)

1. Poor 2. Fair 3. Good 4. Very Good 5. Excellent

G. Overall quality of the work

1. Poor 2. Fair 3. Good 4. Very Good 5. Excellent

H. Final recommendations

1. Poor 2. Fair 3. Good 4. Very Good 5. Excellent

Section II

Please suggest changes or amendments which you think would improve this Research Proposal

Write additional comments which may further enhance the quality of research proposal for future submission

EVALUATORS

1. **Name:** _____

Official Address: _____

Telephone: _____ Official Email: _____

Signature _____ Date _____

2. **Name:** _____

Official Address: _____

Telephone: _____ Official Email: _____

Signature _____ Date _____

3. **Name:** _____

Official Address: _____

Telephone: _____ Official Email: _____

Signature _____ Date _____

4. **Name:** _____

Official Address: _____

Telephone: _____ Official Email: _____

Signature _____ Date _____

APPENDIX – O
(See Regulation 14 -xiii, c)

**PROFORMA TO BE COMPLETED FOR SELECTION OF EXTERNAL EVALUATORS
FOR PHD THESIS EVALUATION**

Candidate Name: _____		Reg. No. _____
Specialty of PhD Program: _____		
Examiners Surname:		
First Name:		
Present Place of Working:		
Present Designation:		
PhD Degree of the Examiner: <ul style="list-style-type: none"> • Name of the University which awarded PhD • Specialty of PhD & Area of research Interest • Notification / Publication of the University Awarding PhD at www.whed.net 		
Official Postal Mailing Address of the Examiner		
Official E-Mail ID and Address of the Examiner		
List of 05 Research Papers		

- Does the External Evaluator / Examiner meet the King Edward Medical University's Criteria of External Examiner for PhD Programs as per regulations, 2015.

Yes No

- Declaration of No Conflict Of Interest Completed per check list.

Yes No

APPENDIX – P
(See Regulation 14, xiii d)

Proforma For PhD Thesis Evaluation

Name of doctoral Candidate: -----

University Registration No : -----

Exact Thesis Title (N.B Please capitalize proper nouns only and use words rather than symbols) :

Assessment Criteria	Total Marks for each Criteria	Marks achieved by the Candidate	Evaluator's Comments / revisions
Presentation & Clarity	10		
Originality of Concepts	10		
Innovation of Ideas	10		
Candidate's understanding of theoretical concepts of his discipline and ability to apply to his or her research	10		
Quality and adoption of appropriate experimental techniques	10		
Completeness of Data	05		
Data Analysis	10		
Data Presentation	10		
Discussions of Results	05		
Review of relevant literature	05		
Relevant Conclusions	05		
Number of possible Publications from the thesis	05		

General Assessment not covered by above criteria	05		
<p>TOTAL SCORE FOR PhD THESIS EVALUATION 100</p> <p>MINIMUM SCORE REQUIRED TO PASS THE THESIS ≥ 70 %</p> <p>CUMULATIVE SCORE ACHIEVED BY THE CANDIDATE = Marks obtained / 100</p> <p>Signature of the evaluator _____</p>			

PhD THESIS EVALUATION OUTCOME

(Please ✓ the appropriate box)

Accepted as such	Accepted After Minor Revisions	Not accepted pending major revisions	Rejected on quality	Rejected on plagiarism
<input style="width: 90%; height: 90%;" type="checkbox"/>	<input style="width: 90%; height: 90%;" type="checkbox"/>	<input style="width: 90%; height: 90%;" type="checkbox"/>	<input style="width: 90%; height: 90%;" type="checkbox"/>	<input style="width: 90%; height: 90%;" type="checkbox"/>