

**MAHARAJA RANJIT SINGH
STATE TECHNICAL UNIVERSITY, BATHINDA**

(Established by Govt. of Punjab under Punjab Act 5 of 2015 and UGC Act 2 (f))

AGENDA

1ST DEANS OF FACULTIES MEETING

VENUE: VICE-CHANCELLOR'S OFFICE

DATE: 04-11-2015

TIME: 4:00 P.M.

DEANS OF FACULTIES		
Sr. No.	Faculty	Dean
1	Humanities & Social Sciences	Dr. B.S. Ghuman, Department of Public Administration, Panjab University, Sector-14, Chandigarh-160014
2	Engineering & Technology	Prof. (Dr.) Paramjeet Singh, Former Professor of Chemical Engineering & Former Registrar, Panjab University, Chandigarh, Former Registrar, Adesh University, Bathinda. H.No. 2921, Phase-7, Mohali.
3	Sciences	Prof. (Dr.) Subodh Kumar, FNASc., Department of Chemistry, Guru Nanak Dev University, Amritsar-143005.
4	Hospitality & Tourism Management	Dr. Minakshi Malhotra, Director, University Institute of Hotel & Tourism Management, Panjab University, Sector-14, Chandigarh-160014.
5	Commerce and Management	Prof. Sanjeev Kumar Sharma, University Institute of Applied Management Sciences, Panjab University, Sector-14, Chandigarh-160014.
6	Architecture	Prof. Karamjit Singh Chahal, Head, Department of Architecture, Guru Nanak Dev University, Amritsar-143005.
7	Pharmacy	Dr. Ashish Baldi, Principal & Professor, HOD, Department of Quality Assurance, ISF College of Pharmacy, Ferozepur Road, Ghal Kalan, Moga-142001.

**CONSTITUENT COLLEGES OF MAHARAJA RANJIT SINGH STATE
TECHNICAL UNIVERSITY, BATHINDA**

S.No.	Constituent College
1	Giani Zail Singh Campus College of Engineering & Technology, Bathinda.
2	Punjab Institute of Technology, Nandgarh, District Bathinda.
3	Punjab Institute of Technology, GTB Garh, District Moga.
4	Punjab Institute of Technology, Mansa.
5	Punjab Institute of Technology, Rajpura, District Patiala.

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1-AGENDA (FOR CONSTITUENT COLLEGES OF MRSSTU, BATHINDA)

GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGG. & TECHNOLOGY, BATHINDA

(CONSTITUENT COLLEGE OF MAHARAJA RANJIT SINGH STATE TECHNICAL UNIVERSITY, BATHINDA)

COURSES PROPOSED (2016-17)

DEPARTMENT OF CIVIL ENGG.

COURSES ALREADY OFFERED

S.No.	Course	Intake
1	B.Tech. (Civil Engineering)	120
2	B.Tech. (Civil Engineering) LEET	24
3	M.Tech. (Construction Technology & Management) AICTE	18

REGULAR COURSES PROPOSED

S.No.	Course	Intake
1	M.Tech. (Geo-Technical Engineering)	18
2	M.Tech. (Structural & Foundation Engineering)	18
3	M.Tech. (Infra Structural Engineering)	18
4	M.Tech.(Geo-informatics & Surveying Technology)	18
5	M.Tech. (Environmental Engineering & Management)	18

DEPARTMENT OF MECHANICAL ENGG.

COURSES ALREADY OFFERED

S.No.	Course	Intake
1	B.Tech. (Mechanical Engineering)	120
2	B.Tech. (Mechanical Engineering) LEET	24
3	M.Tech. (Mechanical Engineering) AICTE	18

REGULAR COURSES PROPOSED

S.No.	Course	Intake
1	M.Tech. (Automation & Robotics)	18
2	M.Tech. (Computer Aided Design, Manufacture & Automation)	18
3	M.Tech. (Industrial & Production Engineering)	18

1-AGENDA (FOR CONSTITUENT COLLEGES OF MRSSTU, BATHINDA)

DEPARTMENT OF ELECTRICAL ENGG.

COURSES ALREADY OFFERED

S.No.	Course	Intake
1	B.Tech. (Electrical Engineering)	60
2	B.Tech. (Electrical Engineering) LEET	12

REGULAR COURSES PROPOSED

S.No.	Course	Intake
1	M.Tech. (Instrumentation & Control Engineering)	18
2	M.Tech. (Power System)	18

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

COURSES ALREADY OFFERED

S.No.	Course	Intake
1	B.Tech. (Electronics & Communication Engineering)	60
2	B.Tech. ((Electronics & Communication Engineering) LEET	12

REGULAR COURSES PROPOSED

S.No.	Course	Intake
1	M.Tech. (Embeded System)	18
2	M.Tech. (Signal Processing & Communications)	18

DEPARTMENT OF TEXTILE ENGG.

COURSES ALREADY OFFERED

S.No.	Course	Intake
1	B.Tech. (Textile Engineering)	60
2	B.Tech. (Textile Engineering) LEET	12

REGULAR COURSES PROPOSED

S.No.	Course	Intake
1	M.Tech. (Textile Technology)	18

1-AGENDA (FOR CONSTITUENT COLLEGES OF MRSSTU, BATHINDA)
DEPARTMENT OF COMPUTER SC. & ENGG.

COURSES ALREADY OFFERED

S.No.	Course	Intake
1	B.Tech. (Computer Sc. & Engineering)	150
2	B.Tech. (Computer Sc. & Engineering) LEET	30
3	M.Tech. (Computer Sc. & Engineering) AICTE	18

REGULAR COURSES PROPOSED

S.No.	Course	Intake
1	M.Tech. (Software Engineering)	18
2	M.Tech. (Computer Networks & Information Security)	18
3	M.Tech. (Digital Image Processing)	18
4	M.Tech. (Artificial Intelligence)	18

DEPARTMENT OF ARCHITECTURE

COURSES ALREADY OFFERED

S.No.	Course	Intake
1	B.Arch.	40

REGULAR COURSES PROPOSED

S.No.	Course	Intake
1	B.Arch.	40
2	M.Arch.	18
3	M.Arch. (Planning) (A joint venture of Deptt. of Civil Engg. & Deptt. of Architecture)	18

DEPARTMENT OF COMPUTER APPLICATIONS

COURSES ALREADY OFFERED

S.No.	Course	Intake
1	MCA	60
2	MCA (Lateral Entry)	60

DEPARTMENT OF MANAGEMENT

COURSES ALREADY OFFERED

S.No.	Course	Intake
1	MBA	60

DEPARTMENT OF APPLIED CHEMISTRY

COURSES ALREADY OFFERED

1-AGENDA (FOR CONSTITUENT COLLEGES OF MRSSTU, BATHINDA)

S.No.	Course	Intake
1	M.Sc. (Chemistry)	60

DEPARTMENT OF APPLIED PHYSICS

COURSES ALREADY OFFERED

S.No.	Course	Intake
1	M.Sc. (Physics)	60

DEPARTMENT OF APPLIED MATHEMATICS

COURSES ALREADY OFFERED

S.No.	Course	Intake
1	M.Sc. (Mathematics)	60

**PART TIME POST GRADUATE COURSES ALREADY OFFERED BY MRSSTU, BATHINDA
IN 2015-16**

S. N.	M.Tech. Course
1	M.Tech. (Computer Science & Engg.)

1-AGENDA (FOR CONSTITUENT COLLEGES OF MRSSTU, BATHINDA)

2	M.Tech. (Electronics & Communication Engg.)
3	M.Tech. (Production Engg.)
4	M.Tech. (Power Engg.)
5	M.Tech. (Textile Engg.)
6	M.Tech. (Structural Engg.)
7	M.Tech. (Environmental Sc. & Engg.)
8	M.Tech. (Construction Technology & Management)
Total	

To provide Quality Technical Education and to maintain high standards in it, it is proposed to discontinue admissions in all type of Part Time Post Graduate Courses w.e.f. 2016-17 session in GZS Campus College of Engineering & Technology, Bathinda.

1-AGENDA (FOR CONSTITUENT COLLEGES OF MRSSTU, BATHINDA)

MAHARAJA RANJIT SINGH STATE TECHNICAL UNIVERSITY, BATHINDA

PROPOSED COURSES FOR PIT(s) (2016-17)

(CONSTITUENT COLLEGES OF MAHARAJA RANJIT SINGH STATE TECHNICAL UNIVERSITY, BATHINDA)

PUNJAB INSTITUTE OF TECHNOLOGY, NANDGARH

COURSES ALREADY OFFERED

S.No.	Course	Intake	Admitted (2015-16)
1	BBA (5-Year Integrated Course leading to MBA Degree)	60	15
2	B.Com. (Prof)	60	NIL
3	MBA	60	NIL
4	M.Com.	60	NIL

NEW COURSES PROPOSED

S.No.	Course	Intake
1	BCA	60
2	MCA	60

PUNJAB INSTITUTE OF TECHNOLOGY, GTB GARH (2016-17)

COURSES ALREADY OFFERED

S.No.	Course	Intake	Admitted (2015-16)
1	B.Tech. (Civil Engineering) LEET	60	10
2	B.Tech. (Electrical Engineering) LEET	60	17
3	B.Tech. (Mechanical Engineering) LEET	60	11

NEW COURSES PROPOSED

S.No.	Course	Intake
1	B.Tech. (Civil Engineering)	60
2	B.Tech. (Electrical Engineering)	60
3	B.Tech. (Mechanical Engineering)	60
4	B.Tech. (Computer Sc. & Engineering)	60

PUNJAB INSTITUTE OF TECHNOLOGY, MANSA (2016-17)

NEW COURSES PROPOSED

S.No.	Course	Intake
1	B.Sc. (Non-Medical)	60

1-AGENDA (FOR CONSTITUENT COLLEGES OF MRSSTU, BATHINDA)

PUNJAB INSTITUTE OF TECHNOLOGY, RAJPUA (2016-17)

COURSES ALREADY OFFERED

S.No.	Course	Intake	Admitted (2015-16)
1	M.Tech. (Computer Science & Engineering)	18	NIL

NEW COURSES PROPOSED

S.No.	Course	Intake
1	M.Tech. (Electronics & Communication Engineering)	18
2	M.Tech. (Electrical Engineering)	18
3	B.Tech. (Electronics & Communication Engineering)	60
4	B.Tech. (Electrical Engineering)	60
5	B.Tech. (Mechanical Engineering)	60
6	M.Tech. (Civil Engineering)	60
7	BBA	60
8	BCA	60

2-AGENDA (FOR MAIN CAMPUS, MRSSTU, BATHINDA)

COURSES PROPOSED FOR MRSSTU MAIN CAMPUS, BATHINDA (2016-17)

DEPARTMENT OF BIOCHEMICAL & BIOMEDICAL ENGG.

S. No	Course	Intake
1.	B. Tech (Biochemical Engg.)	30
2.	M. Tech (Biochemical Engg.)	30
3.	B. Tech (Biomedical Engg.)	30
4.	M. Tech (Biomedical Engg.)	30
5.	B. Tech (Biomedical Instrumentation)	30
6.	M.Tech. (Biomedical Instrumentation)	30

DEPARTMENT OF PHARMACEUTICAL SCIENCES

S. No	Course	Intake
1.	B. Pharmacy	30

DEPARTMENT OF EMERGING TECHNOLOGIES

BIOTECHNOLOGY

S. No	Course	Intake
1.	M.Sc. (Biotechnology)	30

ENVIRONMENTAL SCIENCES

S. No	Course	Intake
1.	B. Tech. (Environmental Sc. & Technology)	30
2.	M. Tech. (Environmental Sc. & Technology)	30

2-AGENDA (FOR MAIN CAMPUS, MRSSTU, BATHINDA)

NANOTECHNOLOGY

S. No	Course	Intake
1.	B. Tech. (Nanotechnology)	30
2.	M. Tech. (Nanotechnology)	30

DEPARTMENT OF AGRO-FOD TECHNOLOGIES

FOOD TECHNOLOGY

S. No	Course	Intake
1.	B. Tech. (Food Technology)	30
2.	M. Tech. (Food Technology)	30

AGRICULTURAL SCIENCES

S. No	Course	Intake
1.	B. Tech. (Agriculture Technology)	30
2.	M. Tech. (Agriculture Technology)	30

3-AGENDA (COLLEGES AFFILIATED TO MRSSTU, BATHINDA)

ALREADY OFFERED REGULAR POST GRADUATE COURSES (2016-17)

(IN COLLEGES AFFILIATED TO MRSSTU, BATHINDA)

S. N.	M.Tech. Course	AICTE Intake 2015-16
1	M.Tech. (Computer Science & Engg.)	324
2	M.Tech. (Electronics & Communication Engg.)	216
3	M.Tech. (Mechanical Engg.)	197
4	M.Tech. (Electrical Engg.)	36
5	M.Tech. (Information Technology)	18
6	M.Tech. (Civil Engg.)	60
7	M.Tech. (CAD/CAM)	36
8	M.Tech. (E-Security)	18
9	M.Tech. (Instrumentation & Control Engg.)	18
10	M.Tech. (Power Systems)	18
11	M.Tech. (Robotics & Mechatronics)	18
12	M.Tech. (Microelectronics Engg.)	18
13	M.Tech. IT (Information & Cyber Warfare) PT	18
14	M.Tech. (Thermal Sc. & Engg.)	18
15	M.Tech. (Structural Engg.)	18
Total		995

3-AGENDA (COLLEGES AFFILIATED TO MRSSTU, BATHINDA)

NEW REGULAR POST GRADUATE COURSES (2016-17)

(PROPOSAL TO OFFER IN COLLEGES AFFILIATED TO MRSSTU, BATHINDA)

S. N.	M.Tech. Course	AICTE Intake 2016-17
1	M.Tech. (Biochemical Engg.)	18
2	M.Tech. (Biomedical Engg.)	18
3	M.Tech. (Biomedical Instrumentation)	18
4	M.Tech. (Structural & Foundation Engg.)	18
5	M.Tech. (Infra Structural Engg.)	18
6	M.Tech.(Geo-informatics & Surveying Technology)	18
7	M.Tech. (Environmental Engineering & Management)	18
8	M.Tech. (Automation & Robotics)	18
9	M.Tech. (Computer Aided Design, Manufacture & Automation)	18
10	M.Tech. (Industrial & Production Engineering)	18
11	M.Tech. (Instrumentation & Control Engineering)	18
12	M.Tech. (Power System)	18
13	M.Tech. (Embeded System)	18
14	M.Tech. (Communication & Signal Processing)	18
15	M.Tech. (Textile Technology)	18
16	M.Tech. (Software Engineering)	18
17	M.Tech. (Computer Networks & Information Security)	18
18	M.Tech. (Digital Image Processing)	18
19	M.Tech. (Artificial Intelligence)	18
20	M.Arch.	18
21	M.Arch. (Planning)(A joint venture of Dept. of Civil Engg. & Dept. of Architecture)	18

3-AGENDA (COLLEGES AFFILIATED TO MRSSTU, BATHINDA)

ALREADY OFFERED PART TIME POST GRADUATE COURSES (2016-17)

(IN COLLEGES AFFILIATED TO MRSSTU, BATHINDA)

S. N.	M.Tech. Course	MRSSTU Intake 2015-16
1	M.Tech. (Computer Science & Engg.)	100
2	M.Tech. (Electronics & Communication Engg.)	125
3	M.Tech. (Mechanical Engg.)	75
4	M.Tech. (Power Systems)	50
5	M.Tech. (Environment Science & Engg.)	50
6	M.Tech. (Chemical Engg.)	25
Total		425

3-AGENDA (COLLEGES AFFILIATED TO MRSSTU, BATHINDA)

ALREADY OFFERED UNDER GRADUATE COURSES (2016-17)

(IN COLLEGES AFFILIATED TO MRSSTU, BATHINDA)

S. N.	B.Tech. Course	Intake 2015-16 (1 ST SEM)
1	B.Tech. (Civil Engg.)	2490
2	B.Tech. (CSE)	3300
3	B.Tech. (Electrical Engg)	1050
4	B.Tech. (Electronics & Communication Engg.)	3030
5	B.Tech. (Mech Engg.)	3060
6	B.Tech. (Electrical & Electronics Engg.)	240
7	B.Tech. (Industrial Engg.)	60
8	B.Tech. (Information Technology)	930
9	B.Tech. (Food Technology)	60
10	B.Tech. (Aeronautical Engg.)	60
11	B.Tech. (Aerospace Engg.)	60
12	B.Tech. (Textile Engg.)	30
13	B.Tech. (Electronics & Instrumentation Engg.)	30
14	B.Tech. (Electronics Engg.)	60
15	B.Tech. (Electrical Engg. & Industrial Control)	60
16	B.Tech. (Computer & Communication Engg.)	60
17	B.Tech. (Automobile Engg.)	60
18	B.Tech. (Automotive Tech.)	60
19	B.Tech. (3D-Animation & Graphics)	60
20	B.Tech. (Marine Engg.)	60
21	B.Tech. (Petrochemicals & Petroleum Refinery Engg.)	60
22	B.Tech. (Computer Engg.)	60
23	B.Tech. (Chemical Engg.)	30
24	B.Arch.	120
Total		15,0900

3-AGENDA (COLLEGES AFFILIATED TO MRSSTU, BATHINDA)

NEW UNDER GRADUATE ENGG. COURSES (2016-17)

(PROPOSAL TO OFFER IN COLLEGES AFFILIATED TO MRSSTU, BATHINDA)

S. N.	B.Tech. Course	Intake 2016-17
1	B. Tech (Biochemical Engg.)	
2	B. Tech (Biomedical Engg.)	
3	B. Tech (Biomedical Instrumentation)	

ALREADY OFFERED PHARMACY COURSES (2016-17)

S. N.	Course	Intake 2015-16
1	B. Pharm.	820

S. N.	Course	Intake 2015-16
1	M. Pharm. (Pharmacognosy)	85
2	M.Pharm. (Pharmaceutical Chemistry)	51
3	M.Pharm. (Pharmaceutics)	102
4	M.Pharm. (Pharmacology)	66
5	M.Pharm. (Pharmaceutical Analysis)	36
6	M.Pharm. (Quality Assurance)	24
7	Pharm. D. (Post Baccalaureate)	10
Total		374

NEW PHARMACY COURSES (2016-17)

(PROPOSAL TO OFFER IN COLLEGES AFFILIATED TO MRSSTU, BATHINDA)

S. N.	Course	AICTE Intake 2016-17
1	MBA in Pharmaceutical Marketing	
2	B. Pharm, MBA (Integrated/Dual Degree)	
3	Skill Certification in Pharmaceutical Marketing &Entrepreneurship	
4	Skill Certification in Pharmacovigilance & Clinical Trials	
5	Skill Certification in Pharmaceutical Analysis & Quality Control	
6	Skill Certification in Hospital Administration	

3-AGENDA (COLLEGES AFFILIATED TO MRSSTU, BATHINDA)

NEW EMERGING SCIENCES & TECHNOLOGIES

(PROPOSAL TO OFFER IN COLLEGES AFFILIATED TO MRSSTU, BATHINDA)

S. N.	Course	Intake 2016-17 (1ST SEM)
1	B.Tech. (Environmental Sciences & Engg.)	
2	B.Tech. (Nanotechnology)	
3	M.Tech. (Nanotechnology)	
4	M.Tech. (Food Technology)	
5	M.Sc. (Agriculture)	
6	B. Tech. (Agriculture Technology)	
7	M. Tech. (Agriculture Technology)	
8	B.Sc. Hons. (Physics)	
9	B.Sc. Hons. (Chemistry)	
10	B.Sc. Hons. (Mathematics)	
11	B.Sc. (Mathematics)	

OTHER PROFESSIONAL COURSES

(PROPOSAL TO OFFER IN COLLEGES AFFILIATED TO MRSSTU, BATHINDA)

S. N.	Course	Intake 2016-17 (1ST SEM)
1	B.Tech. (Environmental Sciences & Engg.)	
2	B.Tech. (Nanotechnology)	
3	M.Tech. (Nanotechnology)	
4	M.Tech. (Food Technology)	

Ph.D. REGULATIONS - 2015

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MAHARAJA RANJIT SINGH STATE TECHNICAL UNIVERSITY
(Established by Govt of Punjab under Punjab Act 5 of 2015 and UGC Act 2 (f))
Dabwali Road, Bathinda (Punjab)-151001

Ph.D. REGULATIONS-2015

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PREAMBLE

MRSSTU, Bathinda offers academic programmes leading to the award of Ph.D. degree through its Departments and Approved Research Centres installed in its affiliated Colleges and Approved Collaborative Units. The award of Ph.D. Degree shall be in recognition of high academic achievements, independent and original research, characterized either by the discovery of facts, or by a fresh approach towards the interpretation and application of existing theories and facts, or development of innovative products, techniques, ideas, and technologies for its applications to the solution of technical and scientific problems in Engineering & Technology, Architecture & Planning, Science, Humanities & Social Science and Management. It shall evince the candidate's capacity and capability to critically examine and logically conclude, and shall represent significant contribution to the existing knowledge. The academic programme leading to the Ph.D. degree is broad-based to the extent of involving a mandatory course work, research work presentations, and a research thesis. Interdisciplinary research areas are encouraged through Co-supervision mechanisms. All candidates are expected to undertake the honor code to conduct all activities – academic and research in a manner that shall only enhance the prestige of the University. The Degree of Doctor of Philosophy (Ph.D.) of the Maharaja Ranjit Singh State Technical University, Bathinda shall be conferred on a candidate who successfully completes all the requirements specified in these Ph.D. regulations, which are approved by the competent authority.

OUTLINE

The academic programme leading to the Ph.D. degree is broad-based that involves successful completion of a mandatory course work, research work presentations, and a re-search thesis. To streamline this program, Ph.D. regulations are framed with an aim to produce quality research work from the University. Two major committees are proposed and their role and purpose outlined.

- University Research Board (URB) shall be the highest research body of the University for monitoring, modifying, interpreting and for arbitrating on any kind of dispute pertaining to these Ph.D. regulations. In addition, this body shall be competent to propose and issue amendments/addendum to these regulations as per the need and to comply with UGC guidelines from time to time.
- Department Doctoral Research Committee (DDRC) shall be constituted for every Department to take care of various research activities pertaining to its doctoral candidates. It shall be responsible for Ph.D. admissions as per these Regulations and to conduct interviews to ascertain candidates research area, interest, and preparedness before admitting them to the programme. DDRC shall examine the candidate's research proposal and capabilities before the Ph.D. registration process and to recommend measures for strengthening candidate's potential for carrying out the research work. DDRC shall be responsible for regularly tracking and providing feedback on the candidate's research progress to facilitate quality research work. In addition, before thesis submission, it shall critically examine the work done through open seminar presentation with the aim to maintain high standard of research, its innovativeness, originality and contributions. In addition, it shall facilitate impartial evaluation of the thesis submitted.

MAHARAJA RANJIT SINGH STATE TECHNICAL UNIVERSITY- BATHINDA
(Established by State Govt of Punjab under Punjab Act 5 of 2015 and UGC Act 2 (f))

Ph.D. REGULATIONS-2015

1.0 ELIGIBILITY

- i) The Admission to Ph.D. academic program shall be made in the various disciplines of the Faculties of this University, through an open advertisement at any time during the academic year. The candidates with minimum 55% marks (50% marks for SC/ST) in Master's Degree (in Engineering/Technology/ Science/Architecture/ Management/Computer application /Pharmacy/Humanities and in those other areas, in which University decides to undertake the curriculum, of MRSSTU, Bathinda or an equivalent degree of recognized/approved Indian or Foreign University (recognized by UGC/AIU) in the subject concerned/allied subject/cognate subject.
- ii) Candidates already having PhD in a particular faculty is eligible only for a different subject/stream in the same faculty or in a different faculty as per clause 1.0 (i) above.

2.0 ADMISSION

2.1 Ph.D. ENTRANCE TEST (PET):

Subjected to the availability of slots/seats in a particular Faculty and Discipline, aspirant students shall be required to appear in a written PhD entrance test (PET) to be conducted by the University. PET shall be a test of 100 marks to examine the student's depth of knowledge in concerned discipline, research related aptitude, analytical capability and language skills. Candidates securing at least 40% marks or above shall be eligible for the interview. The test score shall remain valid for 01 year only.

Merit list for admission shall be prepared out of 200 marks (weightage of PET: 100, UG score: 40, PG score: 40, SCI Journal publications: 20 (@5 per publication)).

Merely qualifying the PET will not entitle a student for admission to Ph.D.

2.2 TEST EXEMPTION:

- i) Candidates who have qualified UGC (NET)/UGC-CSIR (JRF) exam/ GATE/ INSPIRE/Fellowship awardees and those sponsored by Govt./Pub-ltd. Industrial Enterprises/ CSIR recognized research labs shall be exempted from PET.
- ii) Similarly, the MPhil degree holders from this University (with minimum 60% (55% in case of SC/ST/OBC students) or equivalent in grade or any other UGC approved/recognized University are exempted from the written test for the PhD program.
- iii) Merit list for admission of such candidates exempted from PET as per clause 2.2 (i) and (ii) above shall be prepared out of 100 marks (Weightage: UG score: 40, PG score: 40, SCI Journal publications: 20 @5 per publication)).

iv) Candidates as per clause 2.2 (i) above shall be given preference over other categories.

However, all test exempted candidates need to appear for the subsequent inter-view.

2.3 INTERVIEW:

Successful shortlisted candidates (as per the Ph.D. Slots available) shall have to appear for an interview to be conducted by the Department Doctoral Research Committee (hereafter called DDRC) of the concerned Discipline to discuss their research interest/area and recommend supervisor as per clause 4.4 below. A candidate needs to submit at the time of interview a brief write-up (not more than 2 pages) of her/his proposed research area. **University can increase or decrease the number of seats depending upon the research facilities available.**

2.4 SPONSORED/FELLOWSHIP AWARDEES:

The UGC/CSIR/INSPIRE/AICTE fellowship awardees or those sponsored by Govt./Public Industrial Enterprises/ CSIR/DRDO research labs or candidates who are awarded fellowships directly by their or any funding agencies for the purpose of pursuing PhD, can be registered any time during the session. NET/GATE qualified project fellows appointed against financed projects of at least two years duration can also be registered for PhD at any time during the session.

2.5 RESERVATION:

National/State reservation policy shall be paid due attention in the process of Ph.D. admission. Candidates who have qualified UGC/CSIR/JRF/ INSPIRE/Fellowship awardees/ and those sponsored by Govt./Public Industrial Enterprises/ recognized research labs will be admitted irrespective of reservation category.

The guidelines of the UGC and directions of the MHRD as applicable from time to time in regard to reservation for SC/ST/OBC/PWD in PhD admissions shall be applicable automatically.

3.0 FELLOWSHIP/ SCHOLARSHIP

Ph.D. research scholars will be provided fellowship/scholarship as per the guidelines of the funding agencies from time to time.

4.0 SUPERVISOR:

4.1 ELIGIBILITY:

i) All Regular Professors associated with the University/its affiliated PG colleges holding PhD

provided they are eligible to be appointed as Supervisor and are actively involved in research, and has at least two years to superannuation.

- ii) Regular Associate Professors or equivalent and Regular Assistant Professors or equivalent associated with the University/its affiliated PG colleges, who hold Ph.D. degree can supervise Ph.D. students. However, an Assistant Professor level faculty with Ph.D. must have cleared his two year probation period successfully before supervising a Ph.D. candidate.
- iii) The Supervisor must also figure in the list approved by the University for the purpose.
- iv) Supervisor shall not be a relative such as wife/ husband, father/ mother, son/ daughter, sister/ brother, wife's/husband's brother and sister, brother's/sister's son and daughter, first cousins, grand-son, grand-daughter, or such person as might be deemed a close relation of the candidate by the Vice-chancellor.

4.2 CO-SUPERVISOR:

- i) In addition to the supervisor, the DDRC may recommend co-supervisor, in case research work is interdisciplinary in nature. Co-supervisor may be from the University or from the Institutions having MoU with the University. In case of co-supervisor from outside the University, (she/he must fulfil the mini-mum norms of a research Supervisor.
- ii) Co-supervisor shall not be a relative such as wife/ husband, father/ mother, son/daughter, sister/ brother, wife's/husband's brother and sister, brother's/ sister's son and daughter, first cousins, grand-son, grand-daughter, or such person as might be deemed a close relation of the candidate by the Vice-chancellor.

4.3 CHANGE OF SUPERVISOR/CO-SUPERVISOR:

Normally change of supervisor/co-supervisor shall not be permitted, except under the circumstances mentioned below-

- i) In case the supervisor has left his affiliation with the university or by the mutual consent of the supervisor and the candidate. The earlier date of the Registration shall stand. DDRC shall recommend the same with justification to Dean R & D.
- ii) In case of extreme hardship, where it becomes almost impossible for a candidate to work with the existing Supervisor and the VC has satisfied himself/herself. This clause is to be used sparingly under abnormal circumstances only.
- iii) In case a supervisor/co-supervisor retires or expires during the course of the work, then as per the case need DDRC can recommend appointment of a full supervisor/co-supervisor/ care-taker supervisor (to look after the administrative needs of the candidate's research work) depending upon the amount of work completed including publications.

4.4 SUPERVISOR ALLOCATION:

The DDRC shall recommend supervisor in a formal manner to Dean R&D for final approval, depending on the number of students per faculty member, the available specialization among the faculty supervisors and research interest of the student and choice of supervisor as indicated during interview by the student. The allotment/allocation of supervisor shall not be left to the individual student or teacher.

4.5 NUMBER OF SEATS UNDER A SUPERVISOR:

There shall not be more than **Eight** Ph.D. scholars (including full-time/part-time/ sponsored research projects of this or any other university) at a time under a Professor, **Six** under an Associate Professor and **Four** under an Assistant Professor. Co-supervision(s) load shall be taken as one half (0.5) per candidate. The candidature shall remain in force till the successful defense of viva-voce examination of the Thesis and approval by VC.

5.0 CATEGORIES:

Candidates shall be admitted under the following categories to this programme:

1. FULL-TIME:

- i) A person with scholarship/fellowship/study leave from an organization/or without fellowship who is neither employed nor is pursuing any other course of studies (shall submit a declaration in this concern) and whose supervisor is working in the jurisdiction of this university.
- ii) Candidates registered for full time programme in the university or in the approved centres of research in the jurisdiction of the university shall be available during the working hours for curricular, co-curricular and related activities.
- iii) Part-time candidates in employment, who want to pursue full-time studies may be allowed to convert as full time candidates during their research work subject to approval provided they are sponsored by their employer and should avail leave for the research period and should get formally relieved from their duty to join the research programme.
- iv) The full-time programme shall be undertaken in the research departments of this university or in the approved university research centres. Full time PhD scholars shall be required to be present in the university/centre. Candidates shall be marking their attendance daily and their presence shall be duly recorded and maintained in the concerned department/centre except on the days when she/he is away from campus on duty/sanctioned leave.
- v) The full-time candidate shall not involve in any kind of remunerative academic work/duty outside the university premises without written permission from the supervisor and HOD

concerned.

- vi) Full-time to Part-Time (External) conversion shall not be allowed normally and will be considered only on merit by DDRC for onward recommendation to Dean R & D, but not before 15 months after confirmed registration.

5.2 PART-TIME (INTERNAL):

- i) Full time teachers of this university, shall be called 'Part time (internal)' candidates under the guidance of supervisor in the university.
- ii) Candidates working in this University in projects undertaken from State/ Central/Quasi Government and totally funded through the projects shall also be called 'Part time (Internal)' candidates.
- iii) The place of research for teachers of this University shall be the concerned Departments of this University.

5.3 PART-TIME (EXTERNAL):

- i) Candidates working in Colleges/R & D Departments/Research laboratories in Units of Government/Quasi-Government/Industrial units, and spon-sored by the respective employer/Organization, shall be called 'Part time (External)' candidates.
- ii) The place of research for the external candidates shall be the respective institution or unit or organization as the case may be and institutions where the Supervisor is working and also the Department concerned in the University.
- iii) All part-time registered candidates shall spend minimum forty-five days (minimum 15-days per visit) per year for consultations and research in the department and to be certified by the concerned Supervisor.
- iv) **Full-Time candidates shall be given preference over Part-Time (External) candidates by the university.**

Both Full-time/Part-time candidates need to undertake mandatory pre-PhD registration course work as mentioned in clause 6.0 in a REGULAR manner.

6.0 COURSE WORK

The DDRC shall normally meet within 3 weeks from the date of enrollment of the candidate to prescribe/recommend course work for the research scholar as proposed by Super-visor(s) keeping in view candidate's area of research.

- i) Each Ph.D. student will have to undertake one course (4 credits) on Research Methodology (RM), which will include quantitative methods, computer applications and reviewing of

latest published research work in the relevant field.

- ii) In addition, a Ph.D. candidate (having M.Phil./ M.Tech../ M.Pharma. /M.Arch./ MBA who has done course-work in PG) shall be required to undertake Regular course work in the relevant research area for minimum six credits (for example: 4-credit theory subject + 2-credit Practical work/ or two theory subjects of 3-credit each) and a mandatory Seminar of 2-credit on her/his area of research as a part of pre-PhD course-work. The Course work may or may not be from the parent department and shall be treated as pre-Ph.D. course work.
- iii) All other candidates, who have not done the relevant course work in their PG, shall be required to undertake minimum ten credits course work in one semester (for example 2 courses of 4-credit each / or 3 courses of 3-credits along with a 2-credit Practical work) and a mandatory Seminar of 2-credits on her/his area of research in addition to RM as a part of pre-Ph.D. course-work.
- iv) The candidate will have to clear courses in the first two semesters as per the programme of the Department.
- v) Direct fellowship awardees or candidates registered for Ph.D. during the middle of the semester will take up course work in the following semester.
- vi) The syllabus for Pre-Ph.D. course work, not covered in the ongoing PG curriculum, will be drawn by the Board of Studies or DDRC subject to the approval by BOS and highest academic body of the University.

7.0 COURSE COMPLETION CRITERION

- i) The candidate is required to score **minimum 60%** average marks in the pre-scribed course work (or equivalent CGPA)
- ii) The prescribed course work shall be completed within twelve months from the date of enrolment. In case a candidate fails, he/ she will be given one more chance on request to complete the course work within six months with extra fee as applicable.

8.0 Ph.D. REGISTRATION

On the successful completion of the prescribed course work, within 6 months, the candidate shall submit an application for PhD registration on a *prescribed Performa* recommended by the Supervisor and forwarded by the Head of the concerned Department. It shall include ten copies of Synopsis giving statement and introduction of the area of re-search, an outline of the research proposal, topic of research/thesis, review of literature, aims and objectives, methodology, plan of work, and bibliography. The submitted synopsis shall be subjected to scrutiny by DDRC

within two-months. Candidate shall be required to give an open presentation of her/his research proposal before the DDRC, in which faculty of any other department may also be present. In case,

- i) The presentation/research proposal is accepted without any modifications by DDRC, the candidate shall be registered from the date of his submission of registration fee and undertaking the University “Honour Code”.
- ii) The presentation/research proposal is not approved/accepted, the candidate shall be resubmitting research synopsis afresh within six-months.
- iii) The committee desires some modifications in the submitted research proposal/Title for inclusion in the final thesis work, these shall be explicitly mentioned in the DDRC report with due intimation to Supervisor/candidate. Candidate shall submit ten copies of this modified approved research proposal/synopsis within ten days along-with registration fees. A candidate shall get registered for PhD from the date of his submission of registration fee and undertaking the University “Honour Code”.

8.1 CANCELLATION OF ENROLLMENT/REGISTRATION:

The enrolment/registration of the student will be cancelled, if ,

- i) The candidate does not enrol for course work in the ongoing/immediately following semester (if admitted mid-semester) on her/his admission to PhD
- ii) The candidate fails to maintain the required CGPA in course work as per rules.
- iii. The progress of the candidate is found to be not satisfactory by the Supervisor and the DDRC as per clause 9.0 (iii)
- iv. The candidate does not pay the fee/dues in time and even in extended period with late fee, as applicable.
- v. The candidate commits to plagiarism or unethical practices in research.
- vi. The candidate indulges in activities of indiscipline, and remains absent from the Department without permission of the competent authority.

9.0 REVIEW OF PROGRESS

- i) The student registered for Ph.D. thesis shall deliver open seminars after every six-months after registration on the dates fixed by the concerned department before DDRC, to apprise them about the progress of her/his research and to consider the feedback received, if any. In addition, (she/he shall submit progress-report on the work done after every six months (up to 30th June and up to 31st Dec. of every year) on *prescribed Performa* duly certified by Supervisor(s) and forwarded by Chairperson DDRC, to the office of Dean R & D with a

copy to the Department. The candidate shall attract fine with each late day.

- ii) The Ph.D. student will maintain a complete record of research data collected or generated during the course of work and draft of the thesis.
- iii) In cases of non-receipt of two consecutive progress reports or two consecutive unsatisfactory reports or unethical practices in research committed by the student or misconduct by the student, the doctoral committee with Dean R & D in the chair, can recommend any action including cancellation of registration.

10.0 Ph.D. DURATION

10.1 MINIMUM DURATION:

No candidate shall be permitted to submit the thesis for the Ph.D. degree, unless (s)he has pursued research in the University/approved research centre for not less than twenty four months (**Two years**) from the date of registration as per 8.0.

10.2 MAXIMUM DURATION:

The maximum period for the submission of Ph.D. thesis shall be sixty months (**Five years**) from the date of Ph.D. registration.

10.3 EXTENSION OF DURATION:

- i) Provided in exceptional circumstances, the DDRC may recommend to the Dean R & D extension of the registration of the candidate for a maximum period of **six months** with applicable extension fees. If the candidate fails to submit thesis within the extended period her/his registration shall lapse automatically.
- ii) Any further extension (**not more than six months**) shall be subjected to the approval of the Vice-Chancellor.

11.0 ATTENDANCE AND LEAVE

- i) Full time Ph.D. scholars shall be required to be present in the University. Their presence shall be duly recorded and maintained in the Department/Centre concerned. An attendance less than 75% shall attract cut in the scholarship/ fellowship.
- ii) A Ph.D. scholar cannot avail more than one month leave in a year. (15 on incidental accounts +15 on medical grounds). Leave not availed shall not be accumulated at the lapse of the year (31st Dec) except on medical grounds.

12.0 PRE-THESIS SUBMISSION SEMINAR

When the Supervisor(s) is of the opinion that thesis is in the final stage of completion, including mandatory publication/patent requirement as in clause 13.0, the candidate shall be required to

give a notice for the pre-submission seminar on his research findings, at-least three-months before the intended period of submission of thesis to the office of HOD through Supervisor, along with 10-copies of the final synopsis of the research work. The candidate shall be allowed to submit her/his thesis for the Ph.D. degree only when the DDRC is satisfied about the work.

12.1 SEMINAR PRESENTATION:

- i) The pre-submission seminar shall be conducted within one month by the DDRC before an open audience. The attendance of all present shall be recorded. The seminar presentation will examine the candidate's research contribution and accomplishment of proposed research objectives. In case, DDRC makes certain comments/suggestions for improvement, the candidate needs to incorporate these suggestions in the thesis under the advice of the supervisor(s). The publications/patent required as per clause 13.0 from the candidate shall be put before the DDRC for scrutiny. Topic of the Thesis, if need be, can be fine-tuned and recorded formally within the broader perspective of the initially approved title and /or research proposal at this stage.
- ii) Supervisor(s) shall also submit separately a **panel of six reputed examiners**, as per clause 14.0, **each from India** (preferably from widely covered geographical areas/ different states) **and outside India** respectively from reputed Indian Institutes and Foreign Universities. Examiners' particulars in regards to research interests and experience shall also be put before the DDRC for consideration and recommendation keeping in view the thorough, impartial and unbiased evaluation of the work.
- iii) A formal report on a *prescribed Performa* in this regard, along-with extended Thesis Abstract (soft copy (pdf format) + 02 hard copies) as per clause 12.2, proof of research publications/acceptance, and recommended panel of examiners shall be submitted to the office of Dean R & D in confidential by the HOD concerned.

12.2 EXTENDED THESIS ABSTRACT:

If the pre-thesis synopsis/seminar presentation is found satisfactory by DDRC, the candidate shall submit extended Thesis Abstract (hard/soft copy) (not more than ten pages excluding references) to the Supervisor within ten days. The gist of the abstract should match with the approved research proposal.

12.3 UNSATISFACTORY SEMINAR:

In case, DDRC is not satisfied with the contributions made towards recorded research objectives, the candidate will have to appear again, with applicable re-submission fee, for the seminar within a maximum period of six-months.

13.0 MANDATORY PUBLICATION

The candidate shall publish at least one research paper in unpaid peer reviewed referred International Journal (preferably journals included in SCI, or as decided by the DDRC at the time of presentation of research proposal), before the submission of thesis and shall produce evidence for the same or the reprint of the papers before the DDRC for adjudication at the time of pre- Thesis Seminar presentation. The affiliation of the University is must on these publications.

14.0 EXAMINER'S ELIGIBILITY

Examiners need to be from the area pertaining to the topic of research of the candidate, with good publications and whose work candidate has referred by the candidate in her/his research work. Research person working in the laboratory(s)/ Institution(s) where the re-search candidate or supervisor(s) from outside the institution, if any, is employed, cannot, however, appear in the panel of examiners. Any person related to the candidate or super-visor(s) should not appear in the panel of examiners (to be declared by the Supervisor(s) while submitting the panel before DDRC).

14.1 BOARD OF EXAMINERS:

On receipt of the recommendation of DDRC for successful pre-Thesis seminar along with extended abstract and panel of examiners, Dean R & D will get approval from VC to appoint two external examiners (one from within India and the other from abroad) out of which one must be from the panel submitted. VC shall be free to select the one other examiner either from the list of the subject experts of the UGC or on her/his own initiative guided by the references or from the sub-mitted panel. The Ph.D. thesis submitted by the candidate shall be examined by the two external examiners while the Supervisor(s) shall be the internal examiner(s). The consent of appointed external examiners shall be sought electronically by the office of Dean R & D on the basis of extended abstract submitted by the candidate.

15.0 SUBMISSION OF THESIS FOR EVALUATION

Following the successful pre-thesis Seminar presentation as per clause 12.0, within six-months, the research candidate shall submit initially five-copies of the thesis (with both sides of a page printed) in a spiral bound form with a soft cover (additional copies de-pending upon number of Co-supervisors), as per the University guidelines in regards to thesis format, and also a soft copy (pdf file) on a CD. One copy each is for office record, for foreign examiner, for Indian examiner and for Supervisor(s).

15.1 THESIS REQUIREMENTS:

i) The Ph.D. thesis submitted by the candidate shall satisfy the requirement that it is a research

work characterized by either the discovery of new facts or by fresh interpretation of facts or theories, or development of innovative technique, product, idea or technologies. It should reveal the candidate's capacity for critical examination, original thinking and critical judgment. Its literary presentation should also be satisfactory.

- ii) The thesis shall include a certificate from the Supervisor(s) and a declaration from the candidate that it incorporates the candidate's bonafide research work and it has not been submitted for award of any other degree to this or to any other University or any institute of learning. In addition, the work of other re-searchers wherever referred is properly cited and fully acknowledged.
- iii) Before submission of the Thesis, it shall have to pass through the anti-plagiarism software test available with the University at that time.
- iii) The application for the submission of the thesis shall be forwarded by the HOD to the office of Dean R & D, only after the satisfactory anti-plagiarism test re-report recommended by Supervisor is enclosed with it.

16.0 THESIS EVALUATION

Examiners in the approved board of examiners will examine the thesis individually with a view to judge the suitability of the thesis as a piece of research work worth awarding PhD. Each examiner will send detailed comments on the research work to the office of Dean R&D, along with a clear recommendation on the *prescribed Performa* stating one of the following:

- A. The thesis is **SATISFACTORY** and recommended for the award of PhD, or
- B. The thesis is **RECOMMENDED** for the award of Ph.D. Degree subject to **SATISFACTORY ORAL DEFENSE** if the candidate gives satisfactory answers to queries specifically mentioned in the report, or
- C. The thesis is recommended for the award of Ph.D. Degree subject to the candidate makes **REVISIONS** in the thesis as per suggestions made and these are **SATISFACTORILY PRESENTED DURING ORAL DEFENSE**, or
- D. The thesis needs **RESUBMISSION** in the **REVISED FORM**, as per suggestions made and the thesis be sent **FOR RE-EVALUATION**, or
- E. The thesis is **REJECTED**.

Reports received from all the examiners (Internal & External) shall be opened simultaneously by Dean R & D, and on the basis of the recommendations of the examiners will take one of the following actions:

16.1 DECISION ON EVALUATION REPORTS:

- i) In case, the examiners are unanimous in recommending the award of the degree on the basis of the thesis without any modification (as per clause 16.0 (A) or (B) or (A) and (B)), their recommendation shall be accepted and the process for oral defense shall be initiated as per clause 17.0.
- ii) In case, reports received from the external examiners are contradictory, a **Decision Proposing Committee** (hereafter called **DPC**) comprising of Dean R & D, Supervisor(s), two senior Professor level faculties from allied areas (may or may not be from DDRRC) shall be constituted by the VC to recommend the further course of action.
- iii) In case DPC observes any ambiguity in recommendations made by the examiner(s), Dean R & D will approach the examiner(s) for a clear recommendation. In case, clear recommendation is not forthcoming, the matter may be referred to VC by the DPC proposing further course of action for decision. The decision of VC shall be final and binding.
- iv) In the event of any examiner making recommendation for the revision of the thesis (clause 16.0 (C) or (D)), then on the recommendation of DPC, student shall be free to defend her/his point of view forwarded by Supervisor, through Dean R & D within one-month from the date the communication. However, if the examiner is not satisfied with the student's defense, the student shall be required to carry out necessary revisions as finally suggested by the examiner within one year (subjected to clause 10.0) from date of communication to the candidate.
 - In case, examiner suggesting revision also states that the revised the-sis need not be sent again (clause 16.0 (C)), the revised thesis will not be sent to the examiner. However, the Supervisor(s) shall certify that the comments have been incorporated, before the viva-voce ex-amination.
 - In case, examiner suggesting revision states that the revised thesis be sent again (clause 16.0 (D)), the re-submitted thesis shall be sent again, on an additional payment of prescribed thesis resubmission fee, and will be examined by the same examiner who has recommended re-submission unless examiner is unable to do so or declines to do so.
- iv) In the event of one of the examiners recommending award of the degree (clause 16.0 (A) or (B)) and the second examiner recommending rejection (clause 16.0(E)) of the thesis- then, on the recommendation of DPC, student shall be free to defend her/his point of view (forwarded by Supervisor) through Dean R & D within one-month from the date of communication. In case the deadlock continues to prevail, the DPC may propose further action to VC in regards to deputing a third examiner. The recommendations of the third examiner shall be final. This procedure shall also be followed if the examiner who has suggested revision/modification rejects the revised thesis.

iv) In case, both the external examiners reject the thesis, then on the recommendation of the DPC, the VC may permit submission of a revised thesis on an additional payment of the prescribed thesis resubmission fee, after a suitable time frame to be fixed by DPC (subjected to clause 10.0 of maximum Ph.D. duration). The observations and comments of the examiners, if any, may be copied and given to the candidate through supervisor on request. In no-case should a resubmission of the thesis without modification along the lines of criticism made by the earlier examiners be allowed. The revised thesis shall be referred for assessment to two external examiners selected from a new panel of experts recommended by the DDRC. In case, both the experts reject the revised thesis again the thesis will stand rejected.

16.2 DISPUTE REDRESSAL:

Any doubt arising out of following the procedure laid down in this clause and otherwise shall be referred to VC for a decision. The decision of VC shall be final and binding.

16.3 TIME PERIOD FOR RESUBMISSION:

The candidate, who is required to re-submit the thesis, must do so within one-year from the date of receipt of the examiner's comments by the University. Under no circumstances the total time period shall exceed the Maximum duration of Ph.D. as per clause 10.0. Candidate shall have to pay the Thesis Re-submission fee as applicable.

17.0 ORAL THESIS DEFENSE

Once the reports of the examiners have been accepted as satisfactory, the case file of the candidate shall be put before the VC for deputing the external examiner for the Oral Defense Committee (ODC) that shall be comprising of Supervisor(s), one of the external examiners (normally from India) and the Head of Department. The candidate will have to defend the thesis before the ODC. The defense of the thesis shall be in the form of an **open viva-voce** conducted in the University on a working day. The attendance shall have to be recorded. Viva-voce exam will be widely notified and coordinated by the HOD at least three working days in advance.

- i) In case of clause 16.0 (C) of thesis evaluation, the Supervisor(s) shall certify that the comments have been incorporated in the thesis, before the viva-voce examination.
- ii) In case, the external examiner is unable to conduct the viva-voce, a set of questions would be obtained from her/him by Dean (R & D) and viva-voce will be conducted by an examiner (within or outside the University having knowledge in the area of The-sis) to be appointed by the VC on the recommendation of Dean R & D.

17.1 NON-SATISFACTORY DEFENSE:

If the ODC is not satisfied with the defense, the candidate has to appear again before the board within the next three months.

17.2 THESIS DEFENSE REPORT:

The report about the performance of the student in the viva-voce shall be recorded in the Performa by the Supervisor(s) and the external examiner only.

17.3 EXAMINERS' REMUNERATION:

Remuneration to examiners for Thesis evaluation and re-evaluation and viva-voce examination shall be paid as approved by BOG from time to time.

18.0 FINAL THESIS SUBMISSION

After the successful completion of oral defense, the candidate is required to make all the changes suggested by the examiners of ODC, if any.

- i) The final submission of thesis shall be in hard bound form with color and format as specified by the University, with both sides of a page printed, incorporating all the changes in the thesis. The number of copies submitted shall be two more than the number of supervisor(s). One copy each is for University Central Library, Departmental Library and for Supervisor(s).
- ii) The candidate's declaration page as prescribed by University in the final thesis will have the signature of the candidate, Supervisor(s), Indian external examiner and HoD. The Supervisor will take the signature of all the members of Oral Defense Committee on required number of sheets at the time of viva-voce examination to be placed in the final thesis.
- iii) Before signing the thesis in the hard bound form, the Supervisor(s) will certify that the candidate has made all the changes as suggested by the examiner(s).
- (iv) The candidate shall submit one copy of final thesis meant for Central Library, synopsis of the thesis, 'No Dues' certificate and a soft copy of final thesis (pdf file) on a CD through Supervisor(s) to HOD, who shall forward the same along with the ODC report recommending award of the Ph.D. degree to Dean R & D for approval by the VC/ competent authority and to grant provisional degree and certification in regards to- degree being awarded is as per the *UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D Degree) Regulation, 2009*, by the concerned academic section.

19.0 AWARD OF Ph.D. DEGREE

The Degree of Ph.D. shall be awarded by the Highest Academic Body of the MRSSTU, provided

that:

- i) The Oral Defense Committee so recommends;
- ii) The candidate produces a 'No dues Certificate' in the prescribed form.
- ii) The candidate has submitted one soft and two hard cover copies of the thesis; one for the Library of the Department/Centre and the other for the Central Library. The thesis should incorporate all necessary/ corrections/ modifications listed by the Oral Defence Committee (ODC).

20.0 DEPOSITORY WITH UGC

Following the successful completion of the evaluation process and announcements of the award of Ph.D., the University shall submit a soft copy of the Ph.D. thesis to the UGC with-in a period of thirty days, for hosting the same in INFLIBNET, accessible to all Institutions/ Universities.

This shall be mandatory for all research students.

21.0 INTERPRETATION

Any doubt or dispute about the interpretation of these Regulations shall be referred to the University Research Board (URB) with VC as Chairperson, whose decisions shall be final.

Note: This incorporates all the provisions contained in UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulation, 2009.

Students admitted under the UGC (Minimum Standards and Procedure for Award of Ph.D. degree) regulations, 2009, shall be treated to be registered as per the amended rules as applicable from time to time.

COMPOSITION & RESPONSIBILITIES OF Ph.D. RELATED COMMITTEES**A) UNIVERSITY RESEARCH BOARD (URB)**

- University Research Board (URB) shall be the highest research body of the University for Monitoring, Modifying, Interpreting and Arbitrating on any kind of dispute pertaining to University PhD regulations. In addition, this body shall be competent to propose and issue amendments/addendum to these regulations as per the need and to comply with UGC guidelines from time to time.

URB shall be the final decision making body-

- For any doubt or dispute about the interpretation of these Regulations
- For any other Research related issue referred to it by the competent authority.
- To modify/clarify/issue addendum to these regulations, if required at any time.

Composition of University Research Board (URB)		
a)	Vice-Chancellor	Chairperson
b)	Dean R&D	Member-Secretary
c)	Dean of various Faculties	Member
d)	Dean Academics	Member
e)	All other Professors from various Departments of University	Member
f)	Two Associate professors and two Assistant professors of the University by rotation according to seniority, provided they hold a Ph.D. degree	Member
g)	Two experts holding Ph.D. degree from the affiliated colleges of the university to be nominated by the Vice-Chancellor.	Member

B) DEPARTMENT DOCTORAL RESEARCH COMMITTEE (DDRC)

Every department offering Ph.D. programme shall have a DDRC to be approved by VC through Dean R&D to take care of all administrative and technical matters pertaining to PhD program of candidates admitted in the Department for Research Programme leading to Ph.D. degree.

In the case of a discipline in which there is no teaching department of the University or there is no Professor level faculty, the DDRC shall be constituted by the Vice-Chancellor in consultation with the concerned Dean Faculty, Chairperson Board of Studies and Dean R & D, MRSSTU.

DDRC or its subcommittees, as applicable for a given purpose, shall be responsible-

1. For the evaluation of Ph.D. entrance test pertaining to concerned discipline, with the aim to shortlist candidates to appear for subsequent interview to fill up the available research slots in the respective Department.
2. For Ph.D. admissions in their respective Departments as per these Regulations and to conduct interviews to ascertain candidates' research area, interest, and preparedness before admitting them to the programme
3. For recommending Supervisor/ Co-supervisor and course-work in accordance with the approved procedure of Ph.D. admission of the University.
4. For critically scrutinizing the research proposal submitted by the candidate, after the successful completion of pre-Ph.D. course-work and open presentation made thereafter by the candidate, before recommending her/his name for confirmation of registration for Ph.D. thesis work. In addition, DDRC may also suggest list of suitable Journals for publication of the research work in the relevant area other than those specified in relevant SCI journals.
5. For scrutinizing the progress report submitted by the candidate and to monitor the candidate's research progress through open presentations after every 6-month and may recommend suggestive measures, if any, to improve the candidate's research work. A formal report of such meetings shall be submitted to the office of Dean R & D and a copy shall be retained by Supervisor(s) and concerned HOD.
6. For scrutinizing and critically analyzing the pre-thesis synopsis, other mandatory requirements as per approved Ph.D. regulations, and shall conduct an open seminar of the candidate before recommending the Thesis submission process.
7. For recommending the names of the examiners proposed by Supervisor (s), for the purpose of getting the thesis evaluated in an impartial, unbiased and thorough manner.
8. for any other administrative matter pertaining to candidates's Ph.D. program as specified in

Ph.D. regulations

9. for any other Ph.D. related work as assigned to it by the competent authority

Composition of the DDRC in each Department/School shall be as follows –

Composition of Department Doctoral Research Committee (DDRC)		
1)	Dean of concerned faculty / Chairperson BOS of concerned Discipline	Chairperson (Ex-officio)
2)	One Faculty member having Ph.D. from outside the Department/ school of University to be nominated by VC	Member
3)	One nominee of Dean R & D in the cognate area from University	Member
4)	All Faculty members having Ph.D. in the concerned Department/Center/ School from University (to be treated as 1 member together)	Member
5)	Supervisor(s) (to be treated as 1 member together)	Member
6)	One outside expert * *(out of the three proposed by Supervisor from the approved panel of outside experts of concerned Department/School to be nominated by VC through Dean R & D)	Member
7)	Head of Department/centre/school in the University/centre/ or Ph.D. Coordinator of the Department, in case of Non-Ph.D, HOD	Member - Convener

* In case of non-availability of experts in the relevant area of specialization in the approved DDRC panel of outside experts, the Supervisor may submit an additional list of experts of relevant area through Head of the Department/School to Dean R&D.

- In case of non-availability of members at level 2) or 3), expert out of the three proposed by Supervisor from the approved DRB panel of outside experts of concerned

Department/School to be nominated by VC through Dean R&D

- i) Out of the seven members of DDRC as listed above, **four** shall form the **quo-rum** including outside expert.
- ii) **Supervisor cannot be the Chairperson of the DDRC of her/his own candidate/s**
- iii) **Chairperson of the DDRC shall not be below the rank of Professor.**
- iv) In the event of absence/non-availability of Chairperson, senior most faculty member may act as the Chairperson of DDRC, subject to such nomination by VC.
- v) Senior most Professor in the University/Department/Centre/School in the cognate area can be the Chairperson of the DDRC, subject to such nomination by VC.
- vi) Research Scholars are admitted to the academic Department/Centres/Schools of the University. Students can also be admitted to other R & D Centres/Schools/Institutes provided these R & D Centres/Schools/Institutes/ Departments are approved by the University for carrying out doctoral level research work. However, their research program shall be monitored by the DDRC proposed by the Dean Faculty/Chairman BOS/Dean R & D with faculty from other Departments/Centres who are allied to the area of research of the Centre/school. The composition of the DDRC shall have to be approved by VC through the office of Dean R & D and reported to the Highest Academic Body.
