



The Sikh Education Society's

# Gurunanak College of Pharmacy NAGPUR-440026

E-mail : [gncp2004@yahoo.com](mailto:gncp2004@yahoo.com)


Web Address: [www.gncp.edu.in](http://www.gncp.edu.in)


## 1.2.1: Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

For B. Pharm. Course

Sr.No.	Academic Year	Pattern	Document
1	2020-21	<ul style="list-style-type: none"><li>All First , Second, Third and Final year have CBCS and semester pattern</li></ul>	Direction No.23 of 2018(Minimum standards and procedure)
2	2019-20	<ul style="list-style-type: none"><li>All First , Second, Third and Final year have CBCS and semester pattern</li></ul>	Direction No.23 of 2018(Minimum standards and procedure)
3	2018-19	<ul style="list-style-type: none"><li>All First , Second, Third and Final year have CBCS and semester pattern</li></ul>	Direction No.23 of 2018(Minimum standards and procedure)
4	2017-18	<ul style="list-style-type: none"><li>All First , Second, Third and Final year have CBCS and semester pattern</li></ul>	Direction no. 57 of 2016(Duration of Course, Examination and course work) <a href="http://www.pci.nic.in/pdf/syllabus-B.Pharm.pdf">www.pci.nic.in/pdf/syllabus-B.Pharm.pdf</a>
5	2016-17	<ul style="list-style-type: none"><li>First , Second, Third year have CBCS and semester pattern but Final year has CBS</li></ul>	Direction no2 of 2013(Direction governing examination)

B. Pharm. Course introduced in 2004. In year 2013-14 CBCS implemented, but elective course system implemented from 2017-18 as per PCI syllabus.

  
**Dr. A. M. Ittadwar**  
Principal G. N. C. P.  
Nari, Near Dixit Nagar, Behind C. P. Foundry  
Kamptee Road Nagpur-440026.

  
**Principal**  
**Dr. A. M. Ittadwar**  
Principal  
Gurunanak College of Pharmacy  
Nari, Near Dixit Nagar, Behind C.P. Foundry  
Kamptee Road Nagpur-440026



The Sikh Education Society's

## Gurunanak College of Pharmacy NAGPUR-440026

E-mail : [gncp2004@yahoo.com](mailto:gncp2004@yahoo.com)

Web Address: [www.gncp.edu.in](http://www.gncp.edu.in)

### For M.Pharm curriculum:

**M. Pharm. Course introduced in 2009. In year 2012-13 CBCS implemented along with elective and since 17-18 PCI syllabus CBCS is implemented**

- Since 2012-13 we have 100 % Semester system for M.Pharm curriculum.
- C.B.C.S. was introduced for M.Pharm curriculum since 2013-14

#### Documents

Direction No. 29 of 2012

Direction No. 1 of 2016

Direction No.23 of 2018

Direction No. 23 of 2019

Direction No.44 of 2019

Direction No. 6 of 2021


Direction No. 11 of 2021

Direction No. 27 of 2021

### For PhD`:

The Ph. D. Course is introduced in 2016. The Ph.D course work is mandatory for all the candidates who are registered after 15th January 2016 (As per RTMNU Direction No.1 of 2016).

- The Ph.D. Candidate has to clear the Entrance Exam i.e. PET exam conducted by RTMNU.
- The course work for duration of one semester consisting of 60 Hrs to be treated as pre Ph.D. preparation. The course work is treated as Prerequisite for M.Pharm. /Ph.D. Preparation
- The course work had total 16 credits of minimum six months duration. Credits for Research Methodology are 4, which covers quantitative methods, computer applications, research ethics and review of public research in the relevant field, training, tools and techniques including instrumentation, communications skills, seminar presentation etc.
- 3 Consecutive Progress reports after every Six months are to be submitted by the candidates.

  
**Dr. A. M. Ittadwar**  
Principal G. N. C. P.  
Nari, Near Dixit Nagar, Behind C. P. Fundry  
Kamptee Road Nagpur-440026.

  
**Principal**

**Dr. A. M. Ittadwar**  
Principal

Gurunanak College of Pharmacy  
Nari, Near Dixit Nagar, Behind C. P. Fundry



The Sikh Education Society's

# Gurunanak College of Pharmacy NAGPUR-440026

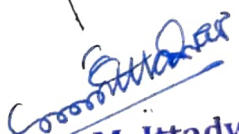
E-mail : [gncp2004@yahoo.com](mailto:gncp2004@yahoo.com)

Web Address: [www.gncp.edu.in](http://www.gncp.edu.in)

## 1.2.1: Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

### INDEX

Sr. No.	Name of the Document	Page no. (From - To)
1.	University Direction for B. Pharm 2016	02 – 07
2.	University Direction for B. Pharm 2019	08 – 28
3.	University Direction for M. Pharm 2016	29 – 35
4.	University Direction for M. Pharm 2019	36-71
5.	University Direction for PhD 2016	72-97
6.	University Direction for PhD 2018	98-125

  
**Dr. A. M. Itadwar**  
Principal G. N. C. P.  
Narl, Near Dixit Nagar, Behind C. P. Fundry  
Kamptee Road Nagpur-440025.



**RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR**  
**FACULTY OF MEDICINE**  
**Direction No. 57 of 2016**

**DIRECTION GOVERNING THE EXAMINATION LEADING TO THE DEGREE OF  
PHARMACY (CREDIT AND GRADE BASED SEMESTER PATTERN)**

**(Issued under section 14(8) of the Maharashtra University Act 1994)**

WHEREAS, Maharashtra University act No. xxxv of 1994 has come into force with effect from 22<sup>nd</sup> July 1994 and has been amended from time to time.

AND

,WHEREAS, the University Grants Commission, New Delhi vide letter no. D.O. No. F-2/2008/(XI Plan), Dated 31<sup>st</sup> January 2008 regarding new initiatives under the XI Plan-Academic reforms in the University has suggested for improving quality of higher education and to initiate the Academic reform at the earliest.

AND,

WHEREAS, the Board of Studies in Pharmaceutical Sciences in its meeting held on dt. 5<sup>th</sup> January 2013 prepared the syllabi and scheme of examination for the B. Pharm. Degree course and recommended for starting of credit & grade based semester pattern in Faculty of Medicine from the academic session 2013-14

AND,

WHEREAS, faculty of Medicine in its meeting held on dt. 7<sup>th</sup> January 2013 has decided to update the existing syllabi for the award of degree of Bachelor of Pharmacy commensurate with the curricula existing in the various universities in India and with a view to include the latest trends in the Pharmacy stream as well as to design it to suit to the needs of the industries and corporate houses.

AND,

WHEREAS, the Dean, faculty of Medicine has consented to the syllabi and the scheme of examination for the award of B. Pharm. Degree

AND,

WHEREAS, Vice-Chancellor, R.T.M. Nagpur University, Nagpur approved the recommendations so made by the Dean, Faculty of Medicine as required under section 38(a) of the act.

AND,

WHEREAS, it is expedient to provide an ordinance for the purpose of prescribing revised scheme of examination.

AND,

WHEREAS, ordinance making involve a time consuming process, therefore, I, Dr. S.P. Kane, Vice-Chancellor, Rashtrasant Tukdoji Maharaj, Nagpur University, Nagpur in exercise of the powers vested under Section 14(8) of the Maharashtra University Act of 1994 do hereby issue the following Directions-

This direction shall be called R.T.M. Nagpur University direction governing Graduate Programme in Pharmaceutical Sciences (B. Pharm) under Semester, Credit & Grade system. This system is offered to all the students appearing for the graduate programme in Pharmaceutical Sciences offered by the R.T.M. Nagpur University from the Academic Year 2016-2017.

This direction shall come into force from the Academic Year 2016-2017.

#### **1. Definitions:-**

In this direction, unless the context otherwise requires.

- a. **“University”** means R.T.M. Nagpur University
- b. **“Graduate Programmes”** means Degree course in Pharmaceutical Sciences (B. Pharm).
- c. **“Student”** means student admitted to Graduate programme in Pharmaceutical Sciences under this direction.
- d. **“Degree”** means Graduate in Pharmaceutical Sciences (B. Pharm).
- e. **”Board of studies”** means Board of Studies of the University in Pharmaceutical Sciences.
- f. **“Academic Council”** means Academic Council of R.T.M. Nagpur University.

- g. **“Fees”** means the fees prescribed by the University/ Shikshan Shulk Samiti of Government of Maharashtra for the Graduate Programme in Pharmaceutical Sciences from time to time.
- h. **“Credit”** means the unit by which the course work is measured. In these direction one credit means 1 hour of teaching work or 1.5 hours of practical work per week for 15 weeks in a Semester
- i. **“Grade Letter”** is an index to indicate the performance of a student in a particular course (Paper). It is the transformation of actual marks secured by a student in a course/paper. Grade letter are O, A, B, C, D, E, F.
- j. **“Grade Point”** is the weight age allotted to each grade letter depending on the range of marks awarded in a course/paper.
- k. **“Credit Points”** refer to the product of No. of credits multiplied by the Grade Point for a given course/paper.
- l. **“Semester Grade Point Average (SGPA)”** refers to the performance of a student in a given semester. SGPA is based on the total credit points earned by a student in all the courses and the total number of credits assigned to the courses/papers in a semester.
- m. **“Cumulative Grade Point Average (CGPA)”** refers to the cumulative Grade Point Average weighted across 4 semesters of III and IV year of the course i.e. Semester V to VIII.
- n. **“ATKT”** refers to allowed to keep term in higher semester.
- o. **“Competent Authority”** (for admission purpose) as prescribed by CET Maharashtra.

## 2. Admission:-

- a. Admission to Graduate Programme in Pharmaceutical Sciences shall be governed by the admitting authority of the Maharashtra state/ University.
- b. Admission to Graduate Programme in Pharmaceutical Sciences shall be on yearly basis for particular academic session by the paying prescribed fees.
- c. Subject to his compliance with the provisions of this Direction and of other Directions in force from time to time, an applicant for admission to:
  - A) The First B. Pharm. Examination (Semester I and II) shall have passed not less than one academic year previously-
    - i) the diploma in Pharmacy Examination from an Institution recognized by the Pharmacy Council of India.
    - or ii) the 12<sup>th</sup> Standard Examination of the Maharashtra State Higher Secondary Education Board with English, Physics, Chemistry and Biology or Mathematics as subjects of study at the 12<sup>th</sup> standard with minimum % of mark at qualifying exam  
as prescribed by competent authority from time to time.
    - or iii) an examination recognized as equivalent thereto in such subjects and with such standards of attainments as may be prescribed.

B) The Second B. Pharm. Examination (Semester III and IV) shall have passed not less than one academic year previously the First B. Pharm. Examination of the University.

Or D. Pharm. Exam with minimum % of marks at qualifying examination as prescribed by competent authority from time to time.

C) The Third B. Pharm. Examination (Semester V and VI) shall have passed the Second B. Pharm Examination of the University not less than one academic year previously.

D) The Final B. Pharm. Examination (Semester VII and VIII) shall have passed the Third B. Pharm Examination of the University not less than one academic year previously.

### **3. Duration of Course:-**

Duration of the Graduate Programme in Pharmaceutical Sciences shall be of eight semesters (four academic years) as prescribed by Board of Studies of Pharmaceutical Sciences.

### **4. Examination:-**

Examination of all subjects of all semesters of Graduate Programme in Pharmaceutical Sciences shall be conducted by the R.T.M. Nagpur University as per the scheme of Examination prescribed by Board of Studies of Pharmaceutical Sciences

5. The fees for the examination shall be as prescribed by the Management Council from time to time and whenever any change is made in the fees prescribed for any particular examination that shall be notified through a notification for information of the examinees concerned.
6. An applicant for admission to an examination shall satisfy the Head of the Department/Principal in the Terminal and other Tests conducted during the academic year regarding his suitability to take the examination.
7. The maximum marks allotted to the sessional examination in each paper, the written part and the practical part for each of the Eight Examinations shall be as indicated in Appendices I, II, III and IV.
8. The scope of the subjects shall be as indicated in the syllabus
9. The Head of the Department of Pharmaceutical Sciences/Principal shall maintain in his office, a complete record of the marks obtained by the candidates in the sessional examinations. He shall, not less than 15 days before the commencement of the Examination, send to the Registrar, in a sealed cover the final marks in sessional examinations obtained by every applicant. No collegiate candidate shall be allowed to appear at an examination unless he obtains 40% of the total marks allotted to the sessionals of all subjects taken together for that examination.
10. In order to pass an examination, an examinee shall obtain not less than 45% of the total marks allotted to each theory and practical subject in the university and sessional Examination taken together as shown in the concerned Appendix.
11. There shall be no classification of successful examinees at First, Second and Third B. Pharm. Examinations.



12. Division of successful examinees at the Final B. Pharm. Examinations shall be determined on the basis of aggregate marks obtained at the Third and Final B. Pharm. Examinations (Semester V, VI, VII & VIII) taken together.
13. CGPA equal to 6.75 and above shall be considered as equivalent to First Class which shall be mentioned on Grade Card of VIII Semester as a foot note and all other successful examinees in the second division.
14. CGPA equal to 7.00 and above shall be considered as distinction in that particular subject
15. Explanation: Distinction shall be awarded at the Third and Final B. Pharm. Examinations separately.
16. An unsuccessful examinee at the First (I and II semester), Second (III and IV semester) or Third B. Pharm. (V and VI semester) Examination who fails to secure the prescribed minimum marks in not more than four theory papers, and not more than three practical examinations may, at his option, be admitted to a subsequent examination in that paper or practical only on payment of a fresh fee. An examinee under this provision shall be allowed to keep terms in the next higher class. He may take both examinations simultaneously, but his result at the higher examination shall not be declared unless he is declared successful at the lower examination.
17. The facility of provisional admission in next higher class will be restricted to two preceding qualifying semester examination. In the event the candidate has additional backlog of earlier semesters then such a candidate would not be eligible for provisional admission in any event.
18. An examinee failing in more than four theory papers and more than three practicals in particular year of the course may, at his option, appear as an ex-student at a subsequent examination in the subjects in which he has failed, on payment of fresh fee. If he clears the subject in which he has failed, he shall be declared to have passed the examination. An examinee availing of exemptions under the provisions of this paragraph shall not be allowed to keep terms at the next higher class.

Provided that an examinee, in the event of failing to pass the examination not succeeding in clearing enough number of subjects to bring him within the ambit of paragraph 16 shall be allowed to keep terms at the next higher class after the declaration of his subsequent result.
19. An unsuccessful examinee may appear as an ex-student at a subsequent examination in a subject in which he/she has failed, on the payment of fresh fees. "His/Her sessional marks/internal marks in last examination may be considered proportionate to the marks he/she obtained in the annual examination subject to declaration given by the students for Forego or keeping the same earlier sessional marks in an examination forms". He/Her sessional marks/internal marks in last examination may be refrained for subsequent examination or He/She may opt for sessional/internal marks proportional to the marks he/she secures in the subsequent university examination subject to declaration given by the candidate in examination application forms.
20. Students successful at the First, Second and the Third B. Pharm. old course examinations shall be admitted to the next higher class B. Pharm. new course, but shall be permitted to appear at the higher class new course examinations provided that they submit a certificate from the Head of the Department/Principal of the college (Pharmacy) stating that they have



satisfactorily undergone a course of study in all the subjects of new Course of earlier old B. Pharm. classes.

21. The absorption scheme of the graduate programme will be effective till the introduction of new syllabus with new absorption scheme.
22. Provisions of Ordinance No. 7-A relating to Condonation of Deficiency of Marks for passing an Examination shall apply to the examinations under this Ordinance
23. Notwithstanding anything to the contrary in this Ordinance the Degree of Bachelor of Pharmacy shall not be conferred upon a person unless:  
He undergoes a Practical Training of not less than 8(Eight) weeks after taking the Third or Final B. Pharm. Examination in a Pharmaceutical concern approved by the Head of the Department/Principal and unless the Head of the Department /Principal certified that the person has satisfactorily completed the said Practical or Industrial Training as the case may be.
24. Notwithstanding anything to the contrary in this Ordinance no person shall be admitted to any of the examinations under this ordinance, if he has already passed the same examination or an equivalent examination of any other Statutory University.
25. Successful examinees at the First B. Pharm., Second B. Pharm., and Third B. Pharm. Examinations shall be entitled to receive a certificate signed by the Registrar and those successful at the Final B. Pharm. Examination shall on payment of the prescribed fees receive a Degree, in the prescribed form, signed by the Vice-Chancellor.
26. With the issuance of this Direction, The Direction No 2 of 2013 (Credit and Grade Based Semester pattern), shall stand repealed.

Nagpur:

Date:25.8.2016

Sd/-

**DR. S.P. KANE**

Vice-Chancellor



## **RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

**'Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)**

---

### **Direction No 50 of 2019.**

#### **ADMISSION AND EXAMINATIONS LEADING TO THE AWARD OF DEGREE OF BACHELOR OF PHARMACY (SEMESTER PATTERN)(CREDIT AND GRADE BASED SYSTEM)(4 YEARS COURSE) DIRECTION, 2019.**

**Whereas**, The Maharashtra Public Universities Act, 2016 (hereinafter 'Act') (VI of 2017) has come into force from 1<sup>st</sup> March 2017 and the same has been made applicable to Rashtrasant Tukadoji Maharaj Nagpur University (hereinafter "the University");

AND

**Whereas**, the University has issued Direction No. 15 of 2017 dealing with the composition of the four faculties created by the Act, where under the existing different faculties of the University have been merged into the four new faculties created by the Act, by which the subjects of Pharmaceutical Sciences have been included in the faculty of Science and Technology;

AND

**Whereas**, the University has issued Direction No. 10 of 2019 prescribing "conditions for conduct of undergraduate and post graduate examinations based on credit based/choice based credit system, in all faculties";

AND

**WHEREAS**, the Special task committees in Pharmaceutical Sciences in its meetings held on 9<sup>th</sup> August 2019 considered and accepted the scheme of subjects, syllabi and scheme of examinations of the Bachelor of Pharmacy;

AND

**Whereas**, the Pharmacy Council of India (herein after PCI), the apical and regulatory body for regulating the higher education in pharmaceutical sciences, has framed the Bachelor of Pharmacy Course Regulations, 2014 prescribing the structure of the Bachelor of Pharmacy Course, which is binding on all Universities in India, offering the said course;

AND

**Whereas,** Direction No.30 of 2017 entitled “EXAMINATIONS LEADING TO THE DEGREE OF BACHELOR OF PHARMACY (SEMESTER PATTERN) ( CREDIT AND GRADE BASED SYSTEM) (4 YEARS COURSE), DIRECTION, 2017” has lapsed by virtue of the provisions of the proviso to section 12 (8) of the Act (VI of 2017) necessitating issuance of a fresh Direction incorporating the provisions of the said (lapsed) Direction with suitable modifications necessitated by the Direction No.10 of 2019 and decisions taken by special task committee and approved by Dean of the faculty of science and technology;

Now, therefore, I, Dr. Siddharthavinayaka P. Kane, Vice- Chancellor, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in exercise of powers conferred upon me under provision of section 12(8) of the Maharashtra Public Universities Act, 2016, do hereby issue following Directions;

1. This direction shall be called **ADMISSION AND EXAMINATIONS LEADING TO THE AWARD OF DEGREE OF BACHELOR OF PHARMACY (SEMESTER PATTERN)(CREDIT AND GRADE BASED SYSTEM)(4 YEARS COURSE) DIRECTION, 2019.**
2. This direction shall come into force the date of its issuance, however, the student admitted to the B.Pharm (C.G.B.S.) programme in the Academic Session 2017-18 and 2018-19 shall also be govern by this Direction henceforth.
3. **Definitions:-**In this direction, unless the context otherwise requires:-
  - a. **“Academic Council”** means Academic Council of Rashtrasant Tukadoji Maharaj Nagpur University
  - b. **“ATKT”** means “ Allowed to Keep Term” in the higher semester, as per the rules herein
  - c. **“Board of studies”** means Board of Studies of the University in Pharmaceutical Sciences.
  - d. **“Competent Authority”** (for admission purpose) means an “Authority” established or assigned the duty to regulate admissions in the course by the Government of Maharashtra.
  - e. **“Credit Points”** refer to the product of No. of credits multiplied by the Grade Point for a given course/paper.
  - f. **“Credit”** means the unit by which the course work is measured. In this Direction one credit means 1 hour of teaching work or 2 hours of practical work per week for 15 weeks in a Semester

- g. **“Cumulative Grade Point Average (CGPA)”** refers to the cumulative Grade Point Average weighted across all semesters of the course i.e. Semester I to VIII
- h. **“Degree”** means Graduate in Pharmacy.
- i. **“Fees”** means the fees prescribed by the University/ Shikshan Shulk Samiti of Government of Maharashtra for the Graduate Programme in Pharmacy, from time to time.
- j. **“Grade Letter”** is an index to indicate the performance of a student in a particular course (Paper). It is the transformation of actual marks secured by a student in a course/paper. Grade letter are O, A, B, C, D, E, F,AB.
- k. **“Grade Point”** is the weightage allotted to each grade letter depending on the range of marks awarded in a course/paper.
- l. **“Graduate Programme”** means Degree course in Pharmacy
- m. **“New Course”** means the B.Pharm course governed by this Direction.
- n. **“Old Course”** means the B.Pharm course governed by Direction No. 57 of 2016.
- o. **“Semester Grade Point Average (SGPA)”** refers to the performance of a student in a given semester. SGPA is based on the total credit points earned by a student in all the courses and the total number of credits assigned to the courses/papers in a semester
- p. **“Student”** means student admitted to Graduate programme in Pharmaceutical Sciences under this direction
- q. **“University”** means Rashtrasant Tukdoji Maharaj Nagpur University

**4. Admission:-**

- a. Admission to Graduate Programme in Pharmacy shall be governed by the admission authority of the Maharashtra State/ University.
- b. Admission to Graduate Programme in Pharmacy shall be on yearly basis for the particular academic session by paying prescribed fees.

**5. Eligibility for admission:-**

**A. First Year B. Pharm:-**An applicant for admission to the course shall have passed, not less than one academic year previously;

- i) the Diploma in Pharmacy examination from an institution recognized by the Pharmacy Council of India, with such minimum percentage of marks as may be prescribed by competent authority from time to time;
- Or

ii) the 12th standard examination of the Maharashtra State Higher Secondary Education Board, with English, Physics, Chemistry and Biology or Mathematics as subjects of study, with such minimum percentage of marks as may be prescribed by the competent authority from time to time;

Or

iii) an examination recognized as equivalent to any of the above qualifying examinations with such subjects and with such standards of attainments as may be prescribed by the competent authority from time to time.

**B. Lateral entry:-** A student who has passed the examination of Diploma in Pharmacy from a recognised institute with such minimum percentage of marks as may be prescribed by the competent authority from time to time shall be eligible for admission in the third semester of the course.

**6. Duration of Course:-**

Duration of the Graduate Programme in Pharmacy (B. Pharm) shall be of eight semesters (four academic years) as prescribed by Board of Studies of Pharmaceutical Sciences of the University.

**7. Medium of Instructions:** The medium of instructions shall be English language.

**8. Course Structure:-** The detail, semester wise, course structure shall be as given in tables I to VIII in the **Appendix-I** to this Direction. The scope of each subject shall be as prescribed by the Pharmacy Council of India from time to time

**9. Examinations and Declaration of Results:-**

- a.** Examination of all subjects of all semesters of Graduate Programme in Pharmaceutical Sciences shall be conducted by the R.T.M. Nagpur University, except for the subjects for which examinations is required to be conducted by the subject experts at the college/Department level and the marks of which are required to be submitted to the University, as per the scheme of examination and the standard of examination given in tables I to VIII of the Appendix-II to this Direction.
- b.** The fee for the examination shall be as prescribed by the Management Council of the University from time to time.
- c.** An applicant for admission to an examination must have attended minimum 80% of the classes engaged in the institution

- d.** A student shall be declared pass and eligible for getting grade in a course of B.Pharm. programme if he/she secures at least 50% marks in that particular course, including internal assessment.
- e.** In case a student fails to secure the minimum 50% marks in any theory or practical course then he/she shall reappear for the end semester examination of that course. However, his/her marks of the internal assessment shall be carried over and he/she shall be entitled for a Grade obtained by him/her on passing. Such student shall have the opportunity to improve his/her performance only once in the sessional examination component of the internal assessment. The reconduct of the sessional examination shall be completed before the commencement of the next end semester theory examination.
- f.** There shall be no classification of successful examinees at First, Second and Third B. Pharm. Examinations.
- g.** Division of successful examinees at the Final B. Pharm. Examinations shall be determined on the basis of aggregate CGPA obtained at the First to Final B. Pharm. Examinations (Semester I to VIII) taken together.
- h.** Candidates admitted in First semester of B. Pharm. First year with PCMB group at qualifying examination, shall be exempted from appearing in Remedial Biology or Remedial Mathematics paper.
- i.** CGPA equal to 6.00 to 7.49 shall be considered as equivalent to First Class which shall be mentioned on Grade Card of VIII Semester as a foot note and all other successful examinees in the second class.
- j.** CGPA equal to 7.5 and above shall be considered as distinction in that particular subject  
Explanation: Distinction shall be awarded from First to Final B. Pharm. Examinations separately.
- k.** An unsuccessful examinee at the First (I and II semester), Second (III and IV semester) or Third B. Pharm. (V and VI semester) Examination who fails to secure the prescribed minimum marks in any of the theory papers or practical examination may, at his option, be admitted to a subsequent examination in that paper or practical only on payment of a fresh fee. An examinee under this provision shall be allowed to keep terms in the next higher class. He may take both examinations simultaneously, but his result at the higher examination shall not be declared unless he is declared successful at the lower examination.
- l.** A student who has availed more than 4 chances for successful completion of I / III semester courses and more than 3 chances for successful completion of II / IV semester courses shall be permitted to attend V / VII semester classes ONLY during the subsequent academic year as the case may be. Thus there shall not be any ODD BATCH for any semester.

- m.** An unsuccessful examinee may appear as an ex-student at a subsequent examination in a subject in which he/she has failed, on the payment of fresh fees. However, his/her marks of the Internal Assessment shall be carried over and he/she shall be entitled for grade obtained by him/her on passing. A student shall have the opportunity to improve his/her performance only once in the sessional examination component of the internal assessment. The re-conduct of the sessional examination shall be completed before the commencement of next end semester theory examinations. He/Her sessional marks/internal marks in last examination may be retained for subsequent examination or he/she may opt for sessional /internal marks proportional to the marks he/she secures in the subsequent university examination. However, the candidate should have given declaration to that effect in his examination form.
  - n.** Provisions of Ordinance No. 7-A relating to Condonation of Deficiency of Marks for passing an Examination shall apply to the examinations under this Ordinance
  - o.** Notwithstanding anything to the contrary in this Ordinance no person shall be admitted to any of the examinations under this ordinance, if he has already passed the same examination or an equivalent examination of any other Statutory University.
10. The Head of the Department of Pharmaceutical Sciences/Principal shall maintain in his office, a complete record of the marks obtained by the candidates in the sessional examinations. He shall, not less than 15 days before the commencement of the examination, send to the Director, Board of Examinations and Evaluations of the University, in a sealed cover, the final marks in sessional examinations obtained by very applicant.
11. Notwithstanding anything to the contrary in this Ordinance the Degree of Bachelor of Pharmacy shall not be conferred upon a person unless he/she has undergone a Practical Training for at least 150 hours spread over four weeks in a Pharmaceutical Industry/Hospital, after Semester – VI and before the commencement of Semester – VII, and has submitted report of such work being satisfactorily completed, duly certified and signed by the authority of training organization to the head of the institute.
12. Successful examinees at the First B. Pharm., Second B. Pharm., and Third B. Pharm. Examinations shall be entitled to receive a certificate signed by the Registrar and those successful at the Final B. Pharm. examination shall on payment of the prescribed fees receive a Degree, in the prescribed form, signed by the Vice-Chancellor.
13. **ATKT Rules:**



- i. The Second B. Pharm. Examination (Semester III and IV) student shall be eligible to carry forward all the courses of I, II and III semesters till the IV semester examinations. However, he/she shall not be eligible to attend the courses of V semester until all the courses of I and II semesters are successfully completed.
- ii. The Third B. Pharm. Examination (Semester V and VI), student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of I, II, III and IV semesters are successfully completed.
- iii. The Final B. Pharm. Examination (Semester VII and VIII), student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of I, II, III, IV, V and VI semesters are successfully completed.
- iv. A lateral entry candidate shall be eligible to carry forward all the courses of III, IV and V semester examination till the VI semester examination. However, He/she shall not be eligible to attend the course of VII semester until all the courses of III and IV semester are successfully completed.
- v. A lateral entry candidate shall be eligible to carry forward all the courses of V, VI and VII semester till the VIII semester examination. However, He/she shall not be eligible to get the course completion certificate until all the courses of III, IV, V and VI semester are successfully completed.

14. **Rules of Absorption:-**

Students successful in the first year (I and II semesters) or second year (III and IV semesters) or third year ( V and VI semesters) of the old B. Pharm course examinations may be admitted to the next higher class of new course B.Pharm i.e III semester, V semester or VII semester as the case may be. Such students will have to clear the backlog of the earlier semesters of the old course within five attempts. On failure to clear the backlog within the stipulated attempts he/she shall be declared to be unfit for the course and he/she will not be allowed to appear further in any examination of the course.

15. **Interpretation and Administration:-**

In the event of any doubt or difficulty in interpreting the rules hereunder the Dean Faculty of Science and Technology shall have the jurisdiction to suggest the solution, in consultation with the Chairman, Board of Studies in Pharmaceutical Sciences.

Sd/-

Nagpur  
Date: 07/11/2019

Dr. Siddharthavinayak P. Kane  
Vice-Chancellor

## APPENDIX I

**Table-I: Course of study for semester I**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP101T	Human Anatomy and Physiology I Theory	3	1	4
BP102T	Pharmaceutical Analysis I – Theory	3	1	4
BP103T	Pharmaceutics I Theory	3	1	4
BP104T	Pharmaceutical Inorganic Chemistry Theory	3	1	4
BP105T	Communication skills Theory*	2	-	2
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics Theory*	2	-	2
BP107P	Human Anatomy and Physiology Practical	4	-	2
BP108P	Pharmaceutical Analysis I Practical	4	-	2
BP109P	Pharmaceutics I Practical	4	-	2
BP110P	Pharmaceutical Inorganic Chemistry Practical	4	-	2
BP111P	Communication skills – Practical*	2	-	1
BP112RBP	Remedial Biology Practical*	2	-	1
<b>Total</b>		<b>32/34<sup>§</sup>/36<sup>#</sup></b>	<b>4</b>	<b>27/29<sup>§</sup>/30<sup>#</sup></b>

<sup>#</sup>Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

<sup>§</sup>Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

\* Non University Examination (NUE)

**Table-II: Course of study for semester II**

<b>Course Code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP201T	Human Anatomy and Physiology II Theory	3	1	4
BP202T	Pharmaceutical Organic Chemistry I Theory	3	1	4
BP203T	Biochemistry Theory	3	1	4
BP204T	Pathophysiology Theory	3	1	4
BP205T	Computer Applications in Pharmacy Theory*	3	-	3
BP206T	Environmental sciences Theory*	3	-	3
BP207P	Human Anatomy and Physiology II Practical	4	-	2
BP208P	Pharmaceutical Organic Chemistry I-Practical	4	-	2
BP209P	Biochemistry – Practical	4	-	2
BP210P	Computer Applications in Pharmacy – Practical*	2	-	1
<b>Total</b>		<b>32</b>	<b>4</b>	<b>29</b>

\*Non University Examination (NUE)

**Table-III: Course of study for semester III**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP301T	Pharmaceutical Organic Chemistry II – Theory	3	1	4
BP302T	Physical Pharmaceutics I Theory	3	1	4
BP303T	Pharmaceutical Microbiology – Theory	3	1	4
BP304T	Pharmaceutical Engineering Theory	3	1	4
BP305P	Pharmaceutical Organic Chemistry II Practical	4	-	2
BP306P	Physical Pharmaceutics I Practical	4	-	2
BP307P	Pharmaceutical Microbiology Practical	4	-	2
BP 308P	Pharmaceutical Engineering Practical	4	-	2
<b>Total</b>		<b>28</b>	<b>4</b>	<b>24</b>

**Table-IV: Course of study for semester IV**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP401T	Pharmaceutical Organic Chemistry III Theory	3	1	4
BP402T	Medicinal Chemistry I – Theory	3	1	4
BP403T	Physical Pharmaceutics II Theory	3	1	4
BP404T	Pharmacology I Theory	3	1	4
BP405T	Pharmacognosy and Phytochemistry I–Theory	3	1	4
BP406P	Medicinal Chemistry I – Practical	4	-	2
BP407P	Physical Pharmaceutics II – Practical	4		2
BP408P	Pharmacology I Practical	4	-	2
BP409P	Pharmacognosy and Phytochemistry I Practical	4	-	2
<b>Total</b>		<b>31</b>	<b>5</b>	<b>28</b>

**Table-V: Course of study for semester V**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP501T	Medicinal Chemistry II Theory	3	1	4
BP502T	Industrial Pharmacy I Theory	3	1	4
BP503T	Pharmacology II Theory	3	1	4
BP504T	Pharmacognosy and Phytochemistry II Theory	3	1	4
BP505T	Pharmaceutical Jurisprudence Theory	3	1	4
BP506T	Industrial Pharmacy I Practical	4	-	2
BP507P	Pharmacology II Practical	4	-	2
BP508P	Pharmacognosy and Phytochemistry II Practical	4	-	2
<b>Total</b>		<b>27</b>	<b>5</b>	<b>26</b>

**Table-VI: Course of study for semester VI**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP601T	Medicinal Chemistry III Theory	3	1	4
BP602T	Pharmacology III Theory	3	1	4
BP603T	Herbal Drug Technology – Theory	3	1	4
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	3	1	4
BP605T	Pharmaceutical Biotechnology Theory	3	1	4
BP606T	Quality Assurance Theory	3	1	4
BP607P	Medicinal chemistry III – Practical	4	-	2
BP608P	Pharmacology III Practical	4	-	2
BP609P	Herbal Drug Technology – Practical	4	-	2
<b>Total</b>		<b>30</b>	<b>6</b>	<b>30</b>

**Table-VII: Course of study for semester VII**

<b>Course code</b>	<b>Name of the course</b>	<b>No. of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
BP701T	Instrumental Methods of Analysis Theory	3	1	4
BP702T	Industrial Pharmacy II Theory	3	1	4
BP703T	Pharmacy Practice – Theory	3	1	4
BP704T	Novel Drug Delivery System – Theory	3	1	4
BP705P	Instrumental Methods of Analysis Practical	4	-	2
BP706PS	Practice School*	12	-	6
<b>Total</b>		<b>28</b>	<b>4</b>	<b>24</b>

\* Non University Examination (NUE)

**Table-VIII: Course of study for semester VIII**

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP801T	Biostatistics and Research Methodology	3	1	4
BP802T	Social and Preventive Pharmacy	3	1	4
BP803ET	Pharmaceutical Marketing	3 + 3 = 6	1 + 1 = 2	4 + 4 = 8
BP804ET	Pharmaceutical Regulatory Science			
BP805ET	Pharmacovigilance			
BP806ET	Quality Control and Standardizations of Herbals			
BP807ET	Computer Aided Drug Design			
BP808ET	Cell and Molecular Biology			
BP809ET	Cosmetic Science			
BP810ET	Experimental Pharmacology			
BP811ET	Advanced Instrumentation Techniques			
BP812ET	Dietary Supplements and Nutraceuticals			
BP813PW	Project Work	12	-	6
<b>Total</b>		<b>24</b>	<b>4</b>	<b>22</b>

**Semester wise credits distribution**

Semester	Credit Points
I	27/29 <sup>§</sup> /30 <sup>#</sup>
II	29
III	26
IV	28
V	26
VI	26
VII	24
VIII	22
Extracurricular/ Co curricular activities	01*
<b>Total credit points for the program</b>	<b>209/211<sup>§</sup>/212<sup>#</sup></b>

\* The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

<sup>§</sup>Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics course.

<sup>#</sup>Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology course.



**APPENDIX II**

**Schemes for internal assessments and end semester examinations semester wise**

**Table-I: Semester-I**

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP101T	Human Anatomy and Physiology I Theory	10	15	1 Hr	25	75	3 Hrs	100
BP102T	Pharmaceutical Analysis I Theory	10	15	1 Hr	25	75	3 Hrs	100
BP103T	Pharmaceutics I Theory	10	15	1 Hr	25	75	3 Hrs	100
BP104T	Pharmaceutical Inorganic Chemistry	10	15	1 Hr	25	75	3 Hrs	100
BP105T	Communication skills Theory *	5	10	1 Hr	15	35	1.5 Hrs	50
BP106RBT BP106RMT	Remedial Biology/ Mathematics Theory*	5	10	1 Hr	15	35	1.5 Hrs	50
BP107P	Human Anatomy and Physiology Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP108P	Pharmaceutical Analysis I Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP109P	Pharmaceutics I Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP110P	Pharmaceutical Inorganic Chemistry Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP111P	Communication skills Practical*	5	5	2 Hrs	10	15	2 Hrs	25
BP112RBP	Remedial Biology Practical*	5	5	2 Hrs	10	15	2 Hrs	25
Total		70/75 <sup>§</sup> /80 <sup>#</sup>	115/125 <sup>§</sup> /130 <sup>#</sup>	23/24 <sup>§</sup> /26 <sup>#</sup> Hrs	185/200 <sup>§</sup> /210 <sup>#</sup>	490/525 <sup>§</sup> / 540 <sup>#</sup>	31.5/33 <sup>§</sup> / 35 <sup>#</sup> Hrs	675/725 <sup>§</sup> / 750 <sup>#</sup>

<sup>#</sup>Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

<sup>§</sup>Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

\* Non University Examination(NUE)

**TABLE-II: Semester -II**

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP201T	Human Anatomy and Physiology II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP202T	Pharmaceutical Organic Chemistry I Theory	10	15	1 Hr	25	75	3 Hrs	100
BP203T	Biochemistry Theory	10	15	1 Hr	25	75	3 Hrs	100
BP204T	Pathophysiology Theory	10	15	1 Hr	25	75	3 Hrs	100
BP205T	Computer Applications in Pharmacy Theory*	10	15	1 Hr	25	50	2 Hrs	75
BP206T	Environmental sciences Theory*	10	15	1 Hr	25	50	2 Hrs	75
BP207P	Human Anatomy and Physiology II Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP208P	Pharmaceutical Organic Chemistry I–Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP209P	Biochemistry – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP210P	Computer Applications in Pharmacy – Practical*	5	5	2 Hrs	10	15	2 Hrs	25
Total		80	125	20 Hrs	205	520	30 Hrs	725

\* The subject experts at college level shall conduct examinations

**TABLE-III: Semester- III**

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP301T	Pharmaceutical Organic Chemistry II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP302T	Physical Pharmaceutics I-Theory	10	15	1 Hr	25	75	3 Hrs	100
BP303T	Pharmaceutical Microbiology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP304T	Pharmaceutical Engineering – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP305P	Pharmaceutical Organic Chemistry II – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP306P	Physical Pharmaceutics I – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP307P	Pharmaceutical Microbiology – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP308P	Pharmaceutical Engineering – Practical	5	10	4 Hr	15	35	4 Hrs	50
Total		60	100	20	160	440	28Hrs	600

**TABLE-IV: Semester- IV**

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP401T	Pharmaceutical Organic Chemistry III-Theory	10	15	1 Hr	25	75	3 Hrs	100
BP402T	Medicinal Chemistry I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP403T	Physical Pharmaceutics II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP404T	Pharmacology I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP405T	Pharmacognosy – and Phytochemistry I –Theory	10	15	1 Hr	25	75	3 Hrs	100
BP406P	Medicinal Chemistry I Practical	5	10	4 Hr	15	35	4 Hrs	50
BP407P	Physical Pharmaceutics II Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP408P	Pharmacology I Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP409P	Pharmacognosy and Phytochemistry – I Practical	5	10	4 Hrs	15	35	4 Hrs	50
<b>Total</b>		<b>70</b>	<b>115</b>	<b>21 Hrs</b>	<b>185</b>	<b>515</b>	<b>31 Hrs</b>	<b>700</b>

**TABLE-V: Semester- V**

Course code	Name of the course	Internal Assessment			End Semester Exams		Total Marks	
		Continuous Mode	Sessional Exams		Total	Marks		Duration
			Marks	Duration				
BP501T	Medicinal Chemistry II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP502T	Industrial Pharmacy I Theory	10	15	1 Hr	25	75	3 Hrs	100
BP503T	Pharmacology II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP504T	Pharmacognosy – and Phyto chemistry II- Theory–	10	15	1 Hr	25	75	3 Hrs	100
BP505T	Pharmaceutical Jurisprudence Theory –	10	15	1 Hr	25	75	3 Hrs	100
BP506P	Industrial Pharmacy I Practical	5	10	4 Hr	15	35	4 Hrs	50
BP507P	Pharmacology II Practical	5	10	4 Hr	15	35	4 Hrs	50
BP508P	Pharmacognosy and Phytochemistry II- Practical	5	10	4 Hr	15	35	4 Hrs	50
Total		65	105	17 Hr	170	480	27 Hrs	650

**TABLE-VI: Semester- VI**

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP601T	Medicinal Chemistry III – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP602T	Pharmacology III – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP603T	Herbal Drug Technology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP604T	Biopharmaceutics and Pharmacokinetics Theory	10	15	1 Hr	25	75	3 Hrs	100
BP605T	Pharmaceutical Biotechnology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP606T	Quality Assurance Theory	10	15	1 Hr	25	75	3 Hrs	100
BP607P	Medicinal chemistry III – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP608P	Pharmacology III Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP609P	Herbal Drug Technology – Practical	5	10	4 Hrs	15	35	4 Hrs	50
Total		75	120	18 Hrs	195	555	30 Hrs	750

**TABLE-VII: Semester- VII**

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP701T	Instrumental Methods of Analysis Theory	10	15	1 Hr	25	75	3 Hrs	100
BP702T	Industrial Pharmacy II Theory	10	15	1 Hr	25	75	3 Hrs	100
BP703T	Pharmacy Practice – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP704T	Novel Drug Delivery System – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP705 P	Instrumental Methods of Analysis – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP706 PS	Practice School*	25	-	-	25	125	5 Hrs	150
<b>Total</b>		<b>70</b>	<b>70</b>	<b>8Hrs</b>	<b>140</b>	<b>460</b>	<b>21 Hrs</b>	<b>600</b>

\* The subject experts at college level shall conduct examinations



**TABLE-VIII: Semester- VIII**

Course code	Name of the course	Internal Assessment			End Semester Exams		Total Marks	
		Continuous Mode	Sessional Exams		Total	Marks		Duration
			Marks	Duration				
BP801T	Biostatistics and Research Methodology Theory	10	15	1 Hr	25	75	3 Hrs	100
BP802T	Social and Preventive Pharmacy Theory	10	15	1 Hr	25	75	3 Hrs	100
BP803ET	Pharmaceutical Marketing Theory	10 + 10 = 20	15 + 15 = 30	1 + 1 = 2 Hrs	25 + 25 = 50	75 + 75 = 150	3 + 3 = 6 Hrs	100 + 100 = 200
BP804ET	Pharmaceutical Regulatory Science Theory							
BP805ET	Pharmacovigilance Theory							
BP806ET	Quality Control and Standardizations of Herbals Theory							
BP807ET	Computer Aided Drug Design Theory							
BP808ET	Cell and Molecular Biology Theory							
BP809ET	Cosmetic Science Theory –							
BP810ET	Experimental Pharmacology Theory –							
BP811ET	Advanced Instrumentation – Techniques Theory							
BP812ET	Dietary Supplements and Nutraceutical - Theory							
BP813PW	Project Work	-	-	-	-	150	4 Hrs	150
<b>Total</b>		<b>40</b>	<b>60</b>	<b>4 Hrs</b>	<b>100</b>	<b>450</b>	<b>16 Hrs</b>	<b>550</b>



**RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR**  
**FACULTY OF MEDICINE**  
**Direction No. 58 of 2016**

**DIRECTION GOVERNING THE EXAMINATION LEADING TO THE DEGREE OF  
MASTER OF PHARMACY ( CREDIT AND GRADE BASED SEMISTER PATTERN)**

( Issued under section 14(8) of the Maharashtra University Act 1994 )

WHEREAS, Maharashtra University act No. xxxv of 1994 has come into force with effect from 22<sup>nd</sup> July 1994 and has been amended from time to time.

AND

WHEREAS, the University Grants Commission, New Delhi vide letter no. D. O. No. F-2/2008/(XI Plan), Dated 31<sup>st</sup> January 2008 regarding new initiatives under the XI Plan-Academic reforms in the University has suggested for improving quality of higher education and to initiate the Academic reform at the earliest.

AND

WHEREAS, the Board of Studies in Pharmaceutical Sciences in its meeting held on 12<sup>th</sup> December 2012 prepared the syllabi and scheme of examination for the M. Pharm. Degree course and recommended for starting of credit & grade based semester pattern in Faculty of Medicine from the academic session 2012-13.

AND

WHEREAS, faculty of Pharmaceutical Sciences in its meeting held on 4<sup>th</sup> January 2012 has decided to update the existing syllabus for award of the degree of Master of Pharmacy commensurate with the curricula existing in the various universities in India and with a view to include the latest trends in the Pharmacy stream as well as to design it to suit to the needs of the industries and corporate houses.

AND

WHEREAS, the Dean, faculty Pharmaceutical Sciences has consented to the syllabi and the scheme of examination for the award of M. Pharm. Degree.

AND

WHEREAS, Vice-Chancellor, R.T.M. Nagpur University, Nagpur approved the recommendations so made by the Dean, Faculty of Medicine as required under section 38(a) of the act.

AND

WHEREAS, it is expedient to provide an ordinance for the purpose of prescribing revised scheme of examination.

AND

WHEREAS, ordinance making involve a time consuming process, therefore, I, Dr. S.P.Kane, Vice – Chancellor, RashtrasantTukdojiMaharaj, Nagpur University, Nagpur in exercise of the powers vested under Section 14(8) of the Maharashtra University Act of 1994 do hereby issue the following Direction-

This direction shall be called R.T.M. Nagpur University direction governing Post Graduate Programme in Pharmaceutical Sciences under Semester, Credit & Grade system. This System is offered to all the students appearing for post graduate programme in Pharmaceutical Sciences offered by the R.T.M. Nagpur University from the Academic Year 2016-2017.

This direction shall come into force from the Academic Year 2016-2017.

**1. Definitions:-**

In this direction, unless the context otherwise requires.

- a. **“University”** means R.T.M. Nagpur University.
- b. **“Post Graduate programmes”** means Master’s degree course in Pharmaceutical Sciences.
- c. **“Student”** means student admitted to Post Graduate programme in Pharmaceutical Sciences under this direction.
- d. **“Degree”** means Post Graduate Degree in Pharmaceutical Sciences.
- e. **“Board of Studies”** means Board of Studies of the University in Pharmaceutical Sciences.
- f. **“Academic Council”** means Academic Council of R.T.M. Nagpur University.
- g. **“Fees”** means the fees prescribed by the University/ShikshanShulkSamati of Government of Maharashtra for the Post Graduate programme in Pharmaceutical Sciences from time to time.

- h. **“Credit”** means the unit by which the course work is measured. In these direction one credit means one hour of teaching work or two hours of practical work per week for 15 weeks in a Semester.
- i. **“Grade letter”** is an index to indicate the performance of a student in a particular course (Paper). It is the transformation of actual marks secured by a student in a course/paper. Grade letters are O,A,B,C,D,E,F.
- j. **“Grade Point”** is the weightage allotted to each grade letter depending on the range of marks awarded in a course/paper.
- k. **“Credit Points”** refer to the product of No. of credits multiplied by the Grade Point for a given course/paper.
- l. **“Semester Grade Point Average (SGPA)”** refers to the performance of the student in a given semester. SGPA is based on the total credit points earned by the student in all the courses and the total number of credits assigned to the courses/papers in a Semester.
- m. **“Cumulative Grade Point Average (CGPA)”** refers to the Cumulative Grade Point Average weighted across all semesters (4 semesters)
- n. **“ATKT”** refers to allowed to keep term in higher semester.

## **2. Admission:-**

- a. Admission to Post Graduate Programme in Pharmaceutical Sciences shall be governed by the admitting authority of the Maharashtra state/University.
- b. Admission to Post Graduate Programme in Pharmaceutical Sciences shall be on yearly basis for particular academic session by paying prescribed fees.
- c. Admission Eligibility Ist & IInd Year.

## **3. Duration of Course:-**

Duration of the Post Graduate Programme in Pharmaceutical Sciences shall be of four semesters (two academic years) as prescribed by Board of Studies of Pharmaceutical Sciences.

## **4. Examination:-**

Examination of all subjects of Post Graduate Programme in Pharmaceutical Sciences shall be conducted by the R.T.M. Nagpur University as per the scheme of Examination prescribed by Board of Studies in Pharmaceutical Sciences.

## 5. Features of the credit system:-

- a. Post Graduate Programme in Pharmaceutical Sciences would be of credits prescribed by the Board of Studies in Pharmaceutical Sciences.
  - b. One credit course of theory will be of one clock hour per week running for 15 weeks.
  - c. Two credit course of theory will be of two clock hours per week running for 15 weeks.
  - d. Four-credit course of theory will be of four clock hours per week running for 15 weeks.
  - e. One credit course of practical will consist of 2 hours of laboratory exercise for 15 weeks.
  - f. Two credit courses of practical will consist of 4 hours of laboratory exercise for 15 weeks.
  - g. Four credit course of practical will consist of 8 hours of laboratory exercise for 15 weeks.
  - h. Credit system offers more options to students and has more flexibility.
6. Students can get requisite credits from the concerned colleges where she/he is mutually permitted on terms mutually agreed to complete the same and be eligible to appear for term end examination.
7. The term end examination, however, shall be conducted by the RTM Nagpur University, Nagpur in the allotted centers.
8. The research dissertation / project/ term work shall be compulsory.
9. These activities, including preparation of the result-sheets for the students, would be co-ordinated by the Departmental Examination Committee comprising Course in-charges and HOD or Head of the institution.
10. Academic calendar showing dates of commencement and end of teaching, internal assessment tests & term end examination shall be duly notified before commencement of each semester every year by the University / Department / Affiliated Colleges.
11. One credit shall be given for every 25 marks, two credits for every 50 marks, four credits for 100 marks (as the case may be) scored by the examinee in university examination.
12. The proportion of internal and external marks for each theory / practical subjects shall be of 20:80 marks (Internal examination weightage 20%, external examination weightage 80%).
13. Grades-Marks would be converted to grades as shown in Table 1.

Table 1: Conversion of marks to grades in credit system

Marks Obtained	Grade	Grade Points
100-85	O	10
84-75	A	9
74-65	B	8
64-60	C	7
59-55	D	6
54-50	E	5
49 and less (internal)	F	0-Failed (Clear course)

- a. A student failed to score minimum 50% marks in each head of passing and in aggregate shall be given F grade.
- b. A student who passes the internal tests but fails in Term End Examination of a course shall be given F grade.
- c. Student with F grade in a course would be granted credit for that course but not the grade for that course.
- d. Grade points earned in each paper shall be calculated as – Grade points obtained (vide Table 1 above) x Credits for the paper.

14. The computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) of an examinee shall be as given below:-

- a. The marks will be given in all examinations which will include college assessment marks and the total marks for each Theory /Practical shall be converted into Grades as per Table 1. SGPA shall be calculated based on Grade Points corresponding to Grade as given in Table 1 and the Credits allotted to respective Theory / Practical shown in the scheme for respective semester.
- b. SGPA shall be computed for every semester and CGPA shall be computed only in IV semester. The CGPA of IV semester shall be calculated based on SGPA of all four semesters as per following computation :-

SGPA	=	$\frac{C1 \times G1 + C2 \times G2 + \dots + Cn \times Gn}{C1 + C2 + \dots + Cn}$
------	---	---

Where C1 = Credit of individual Theory / Practical  
 G1 = Corresponding Grade Point obtained in the  
 Respective Theory / Practical

CGPA	=	$\frac{(SGPA) I \times (Cr) I + (SGPA) II \times (Cr) II + (SGPA) III \times (Cr) III + (SGPA) IV \times (Cr) IV}{(Cr) I + (Cr) II + (Cr) III + (Cr) IV}$
------	---	---

Where, (SGPA) I = SGPA of I Semester  
 (Cr) I = Total Credits for I Semester  
 (SGPA) II = SGPA of II Semester  
 (Cr) II = Total Credits for II Semester  
 (SGPA) III = SGPA of III Semester  
 (Cr) III = Total Credits for III Semester  
 (SGPA) IV = SGPA of IV Semester  
 (Cr) IV = Total Credits for IV Semester

CGPA	Final Grade
9.0 – 10	O
8.0 – 8.9	A
7.0 – 7.9	B
6.0 – 6.9	C
5.5 – 5.9	D
5.0 – 5.4	E
4.9 and less	F (Failed)

Final Mark List will only show the grade and grade points and not the marks.

C. An unsuccessful examinee may appear as an ex-student at a subsequent examination in a subject in which he/she has failed on the payment of fresh fees. “His/Her sessional marks/internal marks in last examination may be considered proportionate to the marks he/she obtained in the annual examination subject to declaration given by the students for Forego or keeping the same earlier sessional marks in an examination forms”. He/Her sessional marks/internal marks in last examination may be refrained for subsequent examination or He/She may opt for sessional/internal marks proportional to the marks he/she secures in the subsequent university examination subject to declaration given by the candidate in examination application forms.

15. CGPA equal to 6.75 and above shall be considered as equivalent to First Class which shall be mentioned on Grade Card of IV Semester as a foot note.

16. CGPA equal to 7.00 and above shall be considered as distinction in that particular subject.

17. For four semesters post graduate course, an unsuccessful examinee at the I and / or II semester examination who fails to secure the prescribed minimum number of marks in not more than three theory subjects and not more than two practical subjects of semester I and semester II taken together may, at his option, be admitted to subsequent examination in that paper or practical on payment of fresh fees. An examinee under this provision shall be allowed to keep terms in next higher semesters i.e. semester III and IV.

18. The candidate may take all the examinations as per the provision of ATKT simultaneously but his result of final semester shall not be declared unless he is declared successful at lower examinations.

19. If examinee fails to pass the post graduate programme within five successive years (for four semesters degree) from the date of his / her first admission to particular post graduate programme shall be declared as “Not Feet for the Course (NFC)” and he/she will not be allowed to appear further for any examination of the course.



20. The unsuccessful students of old course shall be permitted to appear for higher class as per new course examination of the post graduate programme (semester, credit and grade system) provided that they submit a certificate from the Head of Department / Principal of the College stating that they have satisfactorily undergone a course of study in all the subjects of new course as per the absorption scheme of particular post graduate programme.

21. The absorption scheme of the post graduate programme will be effective till the introduction of new syllabus with new absorption scheme.

22. With the issuance of this Direction, The Direction No 15 of 2013 (Credit and Grade Based Semester pattern), shall stand repealed.

**Nagpur :**

**Date : 25.8.2016**

**Sd/-**

**DR. S.P. KANE**

Vice-Chancellor



**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

‘Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)

---

**Direction No. 44 of 2019**

**EXAMINATIONS LEADING TO THE DEGREE OF  
MASTER OF PHARMACY (CREDIT AND GRADE BASED) (SEMESTER PATTERN  
COURSE), DIRECTION, 2019.**

**WHEREAS**, Maharashtra Public Universities Act 2016 (VI of 2017) (hereinafter “Act”) has come into force from 1<sup>st</sup> March 2017 repealing the Maharashtra Universities Act, 1994 and is made applicable to the University;

AND

**WHEREAS**, Direction No. 31 of 2017 was issued by the Vice-Chancellor on 26.10.2017, which could not have been converted into the statute / Ordinance / Regulations within Six months

AND

**WHEREAS**, Section 12(8) of the act empowered the Vice-Chancellor to issue Direction for regulating the matter for which Statute / Ordinance / Regulations is not made or to amend the existing Statute / Ordinance / Regulations;

AND

**WHEREAS**, Direction No. 31 of 2017 was issued by the University, for regulating the Master of Pharmacy (M. Pharm.) course from the academic session 2017-18,

AND

**WHEREAS**, Under Section 12(8) of the Act VI of 2017, every Direction shall expire after the period of Six months from the date of its issuance and therefore Direction No. 31 of 2017 has expired and extinguished after expiry of Six months from the date of coming into force of the Act VI of 2017.

AND

**WHEREAS**, the Pharmacy Council of India (herein after PCI), the apical and regulatory body for regulating the higher education in pharmaceutical sciences, has framed the Master of Pharmacy Course Regulations, 2014, prescribing the structure of the Master of Pharmacy Course, which is binding on all Universities in India, offering the said course;

AND

**WHEREAS**, the Special task committee in Pharmaceutical Sciences in its meeting held on 18<sup>th</sup> July 2017 accepted the syllabi of the Master in pharmacy course prescribed by the Pharmacy council of India and resolved to implement the same as per regulation 10 of the Master of pharmacy (M.Pharm) Course Regulations, 2014, of Pharmacy council of India from the academic session 2017-18 programme.

AND

**WHEREAS**, the Special Task Committee in Pharmaceutical Sciences in its meeting held on 18<sup>th</sup> July 2017 has decided to accept & implement PCI syllabus for award of the degree of Master of Pharmacy commensurate with the curricula existing throughout India and with a view to include the latest trends in the Pharmacy stream as well as to design it to suit to the needs of the industries and corporate houses.

AND

**WHEREAS**, the Dean of the Faculty of Science and Technology considered and approved the proposal of the Special Task Committee in Pharmaceutical Sciences, in the Faculty of Science and Technology, and recommended to the Vice-Chancellor to accept the syllabus and the Scheme of examinations for the course of Master of Pharmacy under section 12 (8) of the Act on behalf of the Academic Council and the Management council;

AND,

**WHEREAS**, it is necessary to make an Ordinance for the purpose of prescribing the revised scheme of examination for the course of Master of Pharmacy, as per the provisions of the Act;

AND

**WHEREAS**, ordinance making is a time consuming process, I, Dr. S. P. Kane, Vice – Chancellor, Rashtrasant Tukadoji Maharaj, Nagpur University, Nagpur, therefore, in exercise of the powers vested in me under Section 12(8) of the Act do hereby issue the following Direction-

1. This direction shall be called **EXAMINATIONS LEADING TO THE DEGREE OF MASTER OF PHARMACY (CREDIT AND GRADE BASED) (SEMESTER PATTERN COURSE), DIRECTION, 2019.**
2. The Direction shall come into force with effect from the date of its issuance by the Vice-Chancellor. It shall also govern the students who were admitted to the M. Pharm. course in the academic sessions 2018-2019 and onwards.
3. **Definitions:-**In this direction, unless the context otherwise requires:-
  - a. **“University”** means Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.
  - b. **“Post Graduate programmes”** means Master’s degree course in Pharmaceutical Sciences.
  - c. **“Student”** means student admitted to Post Graduate programme in Pharmaceutical Sciences under this direction.
  - d. **“Degree”** means Post Graduate Degree in Pharmaceutical Sciences.
  - e. **“Board of Studies”** means Board of Studies of the University in Pharmaceutical Sciences.
  - f. **“Academic Council”** means Academic Council of R.T.M. Nagpur University.
  - g. **“Fees”** means the fees prescribed by the University/ Shikshan Shulka Samiti of Government of Maharashtra, for the Post Graduate programme in Pharmaceutical Sciences, from time to time.
  - h. **“Credit”** Credits (C) for a course is dependent on the number of hours of instruction per week in that course, and is obtained by using a multiplier of one (1) for lecture and a multiplier of half (1/2) for practical (laboratory) hours. Thus, for example, a theory course having four lectures per week throughout the semester carries a credit of 4. Similarly, a practical having four laboratory hours per week throughout semester carries a credit of 2. The contact hours of seminars, assignments and research work shall be treated as that of practical courses for the purpose of calculating credits. i.e., the contact hours shall be multiplied by 1/2. Similarly, the contact hours of journal club, research

work presentations and discussions with the supervisor shall be considered as theory course and multiplied by 1.

- i. **“Grade letter”** is an index to indicate the performance of a student in a particular course (Paper). It is the transformation of actual marks secured by a student in a course/paper.

Grade letters are O, A, B, C, D, F,AB.

- j. **“Grade Point”** is the weightage allotted to each grade letter depending on the range of marks awarded in a course/paper.
- k. **“Credit Points”** refer to the product of No. of credits multiplied by the Grade Point for a given course/paper.
- l. **“Semester Grade Point Average (SGPA)”** refers to the performance of the student in a given semester. SGPA is based on the total credit points earned by the student in all the courses and the total number of credits assigned to the courses/papers in a Semester.
- m. **“Cumulative Grade Point Average (CGPA)”** refers to the Cumulative Grade Point Average weighted across all semesters (4 semesters)
- n. **“ATKT”** refers to allowed to keep term in higher semester.
- o. **“Competent Authority”** (for admission purpose) means an “Authority” established or assigned the duty to regulate admissions in the course by the Government of Maharashtra.
- p. **“Old Course”** means the M.Pharm course governed by Direction No. 58 of 2016 and 31 of 2017.
- q. **“New Course”** means the M.Pharm course governed by this Direction.

#### **4. Admission:-**

- a. Admission to Post Graduate Programme in Pharmaceutical Sciences shall be governed by the Competent Authority.
- b. Admission to Post Graduate Programme in Pharmaceutical Sciences shall be on yearly basis (two semesters) for a particular academic session by paying prescribed fees.

#### **5. Eligibility and conditions for admission:-**

##### **(1) For Maharashtra Candidature Candidates and All India Candidature Candidates.—**

- (i) The candidate should be an Indian National, and

- (ii) Passed Bachelor's Degree in Pharmacy from any All India Council for Technical Education or Pharmacy Council of India or Central or State; Government approved institution, with at least 55% marks (at least 50% marks in case of Backward Class category and Persons with Disability Candidates belonging to Maharashtra State only), and
- (iii) Obtained score in Graduates Pharmacy Aptitude Test (GPAT) conducted by All India Council for Technical Education. For a sponsored candidate, minimum of two years of full time work experience in a registered firm/ company/ industry/ educational and/ or research institute/ any Government Department or Government Autonomous Organization in the relevant field in which admission is being sought is necessary.

**(2) For NRI / OCI/ PIO, Children of Indian workers in the Gulf countries, foreign National.-**

- (i) Passed Bachelor's Degree in Pharmacy from any All India Council for Technical Education or Pharmacy Council of India or Central or State; Government approved institution, with at least 55% marks, and
- (ii) Any other criterion declared by competent authority from time to time.

**Note:-**1. Every student, selected for admission to post graduate pharmacy program in any PCI approved institution should have obtained registration with the State Pharmacy Council or should obtain the same within one month from the date of his/her admission, failing which the admission of the candidate shall be cancelled.

2. It is mandatory to submit a migration certificate issued by the university from where the candidates has obtained his/her qualifying degree (B.Pharm).

**6. Duration of the programme:-**

Duration of the Post Graduate Programme in Pharmaceutical Sciences shall be of four semesters (two academic years).

**7. Medium of instructions and examinations:-**

English shall be the medium of instructions and examinations for the programme.

### **8. Course Structure:-**

The detail, semester wise, course structure shall be as given in **tables 1 to 15 in the Appendix I** of this Direction. The scope of each subject shall be as prescribed by the Pharmacy Council of India from time to time.

### **9. Program Committee:-**

1) The M. Pharm. programme shall have a Programme Committee constituted by the Head of the institution in consultation with all the Heads of the departments.

2) The composition of the Programme Committee shall be as follows:

As far as possible a teacher in the cadre of Professor shall be the Chairperson and one teacher from each M.Pharm specialization and four student representatives (two from each academic year), nominated by the Head of the institution shall be the members of the committee.

3) Duties and functions of the Programme Committee:- Following shall be the duties and functions of the programme committee.

- i. Periodical review of the progress of the classes.
- ii. Discussing the problems concerning curriculum, syllabus and the conduct of classes.
- iii. Discussing with the course teachers on the nature and scope of assessment for the course and the same shall be announced to the students at the beginning of respective semesters.
- iv. Communicating its recommendation to the Head of the institution on academic matters.
- v. The Programme Committee shall meet at least twice in a semester preferably at the end of each sessional exam and before the end of semester exam.

### **10. Examination/ Assessment:-**

A. Examinations of all subjects of all semesters of the Post Graduate Programme in Pharmaceutical Sciences shall be conducted by the R.T.M. Nagpur University as per the scheme of examinations and the standard of examination given in **Tables 1 to 13 of the Appendix II** of this Direction.

## **B. Guidelines for awarding credit points for Co-curricular activities.**

The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principal of the colleges/ Head of the Department and the same shall be submitted to the University. The criteria to acquire this credit point shall be as specified in **Table no.14 and 15 in Appendix-I.**

- 1) The scheme for awarding internal assessment are given in **Table 1 to 13 in Appendix-II.**
- 2) Scheme for awarding Internal Assessment: Continuous mode and guideline for the allotment of marks for the attendance are shown in **Table no. 12 and 13 of Appendix-II.**
- 3) Sessional Exams:

Two sessional exams shall be conducted for each theory / practical course as per the schedule fixed by the Department/college(s). The scheme of question paper for theory and practical sessional examinations is given in the **Tables in Appendix-II.** The average marks of two sessional exams shall be computed for internal Assessment.

Academic calendar showing dates of commencement and end of teaching, internal assessment tests & term end examination shall be duly notified before commencement of each semester every year by the University / Department / Affiliated Colleges.

An unsuccessful examinee may appear as an ex-student at a subsequent examination in a subject in which he/she has failed on the payment of fresh fees. However, his/her marks of the Internal Assessment shall be carried over and he/she shall be entitled for grade obtained by him/her on passing. A student shall have the opportunity to improve his/her performance only once in the sessional exam component of the internal assessment. The re-conduct of the sessional exam shall be completed before the commencement of next end semester theory examinations.

## **11. Promotion and award of grades**

A student shall be declared PASS and eligible for getting grade in a course of M.Pharm programme if he/she secures at least 50% marks in that particular course including internal assessment.



## **12. Carry forward of marks**

In case a student fails to secure the minimum 50% in any Theory or Practical course as specified in para 11, then he/she shall reappear for the end semester examination of that course. However his/her marks of the Internal Assessment shall be carried over and he/she shall be entitled for grade obtained by him/her on passing.

## **13. Improvement of internal assessment**

A student shall have the opportunity to improve his/her performance only once in the sessional exam component of the internal assessment. The re-conduct of the sessional exam shall be completed before the commencement of next end semester theory examinations.

## **14. Allowed to keep terms (ATKT):**

ATKT rules are applicable as follows:

A student shall be eligible to carry forward all the courses of I and II semesters till the III semester examinations. However, he/she shall not be eligible to attend the courses of IV semester until all the courses of I, II and III semesters are successfully completed.

A student shall be eligible to get his/her CGPA upon successful completion of the courses of I to IV semesters within the stipulated time period as per the norms.

Note: Grade AB should be considered as failed and treated as one head for deciding ATKT. Such rules are also applicable for those students who fail to register for examination(s) of any course in any semester.

## **15. The Semester grade point average (SGPA)**

The performance of a student in a semester is indicated by a number called 'Semester Grade Point Average' (SGPA). The SGPA is the weighted average of the grade points obtained in all the courses by the student during the semester. SGPA shall be calculated based on Grade Points corresponding to Grade as given in Table 1 and the Credits

allotted to respective Theory/ Practical shown in the scheme for respective semester.  
 SGPA shall be computed for every semester.

For example, if a student takes five courses (Theory/Practical) in a semester with credits C1, C2, C3 and C4 and the student's grade points in these courses are G1, G2, G3 and G4, respectively, and then students' SGPA is equal to:

$$\text{SGPA} = \frac{\mathbf{C1G1 + C2G2 + \dots + CnGn}}{\mathbf{C1 + C2 + \dots + Cn}}$$

Where, C1 = Credit of individual Theory / Practical

G1 = Corresponding Grade Point obtained in the Respective Theory / Practical

### 16. Cumulative Grade Point Average (CGPA)

The CGPA is calculated with the SGPA of all the IV semesters to two decimal points and is indicated in final grade report card/final transcript showing the grades of all IV semesters and their courses.

$$\text{CGPA} = \frac{\mathbf{C1S1 + C2S2 + C3S3 + C4S4}}{\mathbf{C1 + C2 + C3 + C4}}$$

Where, C1, C2, C3 & C4 is the total number of credits for semester I, II, III & IV and S1, S2, S3 & S4 is the SGPA of semester I, II, III & IV.

CGPA	Final Grade
10	O
9	A
8	B
7	C
6	D
0	F
0	AB

Final Mark List will show the grade and grade points and the marks of all the semesters.

**Grades-Marks would be converted to grades as shown in Table below.**

Table : Conversion of marks to grades in credit system

<b>Percentage of Marks Obtained</b>	<b>Letter Grade</b>	<b>Grade Points</b>	<b>Performance</b>
90.00-100	O	10	Outstanding
80.00-89.99	A	9	Excellent
70.00-79.99	B	8	Good
60.00-69.99	C	7	Fair
50.00-59.99	D	6	Average
Less than 50.00	F	0	Fail
Absent	AB	0	Fail

A learner who remains absent for any end semester examination shall be assigned a letter grade of AB and a corresponding grade point of zero. He/she should reappear for the said evaluation/examination in due course.

The proportion of internal and external marks for each theory / practical subjects shall be of 25:75 marks (Internal examination weightage 25 %, external examination weight age 75 %).

#### **16. Declaration of class**

The class shall be awarded on the basis of CGPA as follows:

First Class with Distinction = CGPA of. 7.50 and above

First Class = CGPA of 6.00 to 7.49

Second Class = CGPA of 5.00 to 5.99

Statement of marks for successful examinee shall have marks obtained at all the semesters i.e. semester I to IV on their semester IV statement of marks.

#### **17. Project work**

All the students shall undertake a project under the supervision of a teacher in Semester III to IV and submit a report. 4 copies of the project report shall be submitted (typed & bound copy not less than 75 pages).

The internal and external examiner appointed by the University shall evaluate the project at the time of the Practical examinations of other semester(s). The projects shall be evaluated as per the criteria given below.

Evaluation of Dissertation Book:

Objective(s) of the work done	50 Marks
Methodology adopted	150 Marks
Results and Discussions	250 Marks
Conclusions and Outcomes	50 Marks
Total	<hr/> 500 Marks

Evaluation of Presentation:

Presentation of work	100 Marks
Communication skills	50 Marks
Question and answer skills	100 Marks
Total	<hr/> 250 Marks

**18. Award of Ranks**

Ranks and Medals shall be awarded on the basis of final CGPA. However, candidates who fail in one or more courses during the M. Pharm program shall not be eligible for award of ranks. Moreover, the candidates should have completed the M. Pharm program in minimum prescribed number of years, (two years) for the award of Ranks.

**19. Award of degree**

Candidates who fulfill the requirements mentioned above shall be eligible for award of degree during the ensuing convocation.

**20. Duration for completion of the program of study**

The duration for the completion of the program shall be fixed as double the actual duration of the program and the students have to pass within the said period, otherwise they have to get fresh Registration.

### **21. Revaluation / Retotaling of answer papers**

There is no provision for revaluation of the answer papers in any examination. However, the candidates can apply for Retotaling by paying prescribed fee.

### **22. Re-admission after break of study**

Candidate who seeks re-admission to the program after break of study has to get the approval from the university by paying a condonation fee.

### **23. Rules for Absorption**

Student successful in the first year (I and II semesters) of the M. Pharm old course examinations may be admitted to the next higher class of new course M. Pharm i.e. IIIrd semester. Such students will have to clear the backlog of earlier semester of the old course within five attempts. On failure to clear the backlog within the stipulated attempt he/she shall be declared to be unfit for the course and he/she will not be allowed to appear further in any examination of the course.

### **24. Repeal**

With the issuance of this Direction, The Direction No 58 of 2016 and 31 of 2017 (Credit and Grade Based Semester pattern), shall stand repealed.

Sd/-

**Nagpur :**

**DR. S.P. KANE**

**Date :**

Vice-Chancellor

## Appendix- I

Table – 1: List of M.Pharm. Specializations and their Code

S. No.	Specialization	Code
1.	Pharmaceutics	MPH
2.	Industrial Pharmacy	MIP
3.	Pharmaceutical Chemistry	MPC
4.	Pharmaceutical Analysis	MPA
5.	Pharmaceutical Quality Assurance	MQA
6.	Pharmaceutical Regulatory Affairs	MRA
7.	Pharmaceutical Biotechnology	MPB
8.	Pharmacy Practice	MPP
9.	Pharmacology	MPL
10.	Pharmacognosy	MPG

The course of study for M.Pharm specializations shall include Semester wise Theory & Practical as given in Table – 2 to 11. The number of hours to be devoted to each theory and practical course in any semester shall not be less than that shown in Table – 2 to 11.

Table – 2: Course of study for M. Pharm. (Pharmaceutics)

Course Code	Course	Credit Hours	Credit Points	Hrs./week	Marks
<b>Semester I</b>					
MPH101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPH102T	Drug Delivery System	4	4	4	100
MPH103T	Modern Pharmaceutics	4	4	4	100
MPH104T	Regulatory Affair	4	4	4	100
MPH105P	Pharmaceutics Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
<b>Semester II</b>					
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4	4	4	100
MPH202T	Advanced Biopharmaceutics & Pharmacokinetics	4	4	4	100

MPH203T	Computer Aided Drug Delivery System	4	4	4	100
MPH204T	Cosmetic and Cosmeceuticals	4	4	4	100
MPH205P	Pharmaceutics Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650

Table – 3: Course of study for M. Pharm. (Industrial Pharmacy)

Course Code	Course	Credit Hours	Credit Points	Hrs./week	Marks
Semester I					
MIP101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MIP102T	Pharmaceutical Formulation Development	4	4	4	100
MIP103T	Novel drug delivery systems	4	4	4	100
MIP104T	Intellectual Property Rights	4	4	4	100
MIP105P	Industrial Pharmacy Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650
Semester II					
MIP201T	Advanced Biopharmaceutics and Pharmacokinetics	4	4	4	100
MIP202T	Scale up and Technology Transfer	4	4	4	100
MIP203T	Pharmaceutical Production Technology	4	4	4	100
MIP204T	Entrepreneurship Management	4	4	4	100
MIP205P	Industrial Pharmacy Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650

Table – 4: Course of study for M. Pharm. (Pharmaceutical Chemistry)

Course Code	Course	Credit Hours	Credit Points	Hrs./week	Marks
Semester I					
MPC101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPC1012T	Advanced Organic Chemistry -I	4	4	4	100
MPC103T	Advanced Medicinal chemistry	4	4	4	100
MPC104T	Chemistry of Natural Products	4	4	4	100
MPC105P	Pharmaceutical Chemistry Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPC201T	Advanced Spectral Analysis	4	4	4	100
MPC202T	Advanced Organic Chemistry -II	4	4	4	100
MPC203T	Computer Aided Drug Design	4	4	4	100
MPC204T	Pharmaceutical Process Chemistry	4	4	4	100
MPC205P	Pharmaceutical Chemistry Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650



Table – 5: Course of study for M. Pharm. (Pharmaceutical Analysis)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPA101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPA102T	Advanced Pharmaceutical Analysis	4	4	4	100
MPA103T	Pharmaceutical Validation	4	4	4	100
MPA104T	Food Analysis	4	4	4	100
MPA105P	Pharmaceutical Analysis Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPA201T	Advanced Instrumental Analysis	4	4	4	100
MPA202T	Modern Bio-Analytical Techniques	4	4	4	100
MPA203T	Quality Control and Quality Assurance	4	4	4	100
MPA204T	Herbal and Cosmetic Analysis	4	4	4	100
MPA205P	Pharmaceutical Analysis Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table – 6: Course of study for M. Pharm. (Pharmaceutical Quality Assurance)

Course Code	Course	Credit Hours	Credit Points	Hrs./week	Marks
Semester I					
MQA101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MQA102T	Quality Management System	4	4	4	100
MQA103T	Quality Control and Quality Assurance	4	4	4	100
MQA104T	Product Development and Technology Transfer	4	4	4	100
MQA105P	Pharmaceutical Quality Assurance Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MQA201T	Hazards and Safety Management	4	4	4	100
MQA202T	Pharmaceutical Validation	4	4	4	100
MQA203T	Audits and Regulatory Compliance	4	4	4	100
MQA204T	Pharmaceutical Manufacturing Technology	4	4	4	100
MQA205P	Pharmaceutical Quality Assurance Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table – 7: Course of study for M. Pharm. (Regulatory Affairs)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MRA 101T	Good Regulatory Practices	4	4	4	100
MRA 102T	Documentation and Regulatory Writing	4	4	4	100
MRA 103T	Clinical Research Regulations	4	4	4	100
MRA 104T	Regulations and Legislation for Drugs & Cosmetics, Medical Devices, Biologicals & Herbals, and Food & Nutraceuticals In India and Intellectual Property Rights	4	4	4	100
MRA 105P	Regulatory Affairs Practical I	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650
Semester II					
MRA 201T	Regulatory Aspects of Drugs & Cosmetics	4	4	4	100
MRA 202T	Regulatory Aspects of Herbal & Biologicals	4	4	4	100
MRA 203T	Regulatory Aspects of Medical Devices	4	4	4	100
MRA 204T	Regulatory Aspects of Food & Nutraceuticals	4	4	4	100
MRA 205P	Regulatory Affairs Practical II	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650

Table – 8: Course of study for M. Pharm. (Pharmaceutical Biotechnology)

Course Code	Course	Credit Hours	Credit Points	Hrs./week	Marks
Semester I					
MPB 101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPB 102T	Microbial And Cellular Biology	4	4	4	100
MPB 103T	Bioprocess Engineering and Technology	4	4	4	100
MPB 104T	Advanced Pharmaceutical Biotechnology	4	4	4	100
MPB 105P	Pharmaceutical Biotechnology Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPB 201T	Proteins and protein Formulation	4	4	4	100
MPB 202T	Immunotechnology	4	4	4	100
MPB 203T	Bioinformatics and Computer Technology	4	4	4	100
MPB 204T	Biological Evaluation of Drug Therapy	4	4	4	100
MPB 205P	Pharmaceutical Biotechnology Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table – 9: Course of study for M. Pharm. (Pharmacy Practice)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPP 101T	Clinical Pharmacy Practice	4	4	4	100
MPP 102T	Pharmacotherapeutics-I	4	4	4	100
MPP 103T	Hospital & Community Pharmacy	4	4	4	100
MPP 104T	Clinical Research	4	4	4	100
MPP 105P	Pharmacy Practice Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPP 201T	Principles of Quality Use of Medicines	4	4	4	100
MPP 102T	Pharmacotherapeutics II	4	4	4	100
MPP 203T	Clinical Pharmacokinetics and Therapeutic Drug Monitoring	4	4	4	100
MPP 204T	Pharmacoepidemiology & Pharmacoeconomics	4	4	4	100
MPP 205P	Pharmacy Practice Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table – 10: Course of study for (Pharmacology)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPL 101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPL 102T	Advanced Pharmacology-I	4	4	4	100
MPL 103T	Pharmacological and Toxicological Screening Methods-I	4	4	4	100
MPL 104T	Cellular and Molecular Pharmacology	4	4	4	100
MPL 105P	Pharmacology Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650
Semester II					
MPL 201T	Advanced Pharmacology II	4	4	4	100
MPL 102T	Pharmacological and Toxicological Screening Methods-II	4	4	4	100
MPL 203T	Principles of Drug Discovery	4	4	4	100
MPL 204T	Experimental Pharmacology practical- II	4	4	4	100
MPL 205P	Pharmacology Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650

Table – 11: Course of study for M. Pharm. (Pharmacognosy)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPG101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPG102T	Advanced Pharmacognosy-1	4	4	4	100
MPG103T	Phytochemistry	4	4	4	100
MPG104T	Industrial Pharmacognostical Technology	4	4	4	100
MPG105P	Pharmacognosy Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPG201T	Medicinal Plant biotechnology	4	4	4	100
MPG102T	Advanced Pharmacognosy-II	4	4	4	100
MPG203T	Indian system of medicine	4	4	4	100
MPG204T	Herbal cosmetics	4	4	4	100
MPG205P	Pharmacognosy Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table – 12: Course of study for M. Pharm. III Semester  
(Common for All Specializations)

Course Code	Course	Credit Hours	Credit Points
MRM 301T	Research Methodology and Biostatistics*	4	4
-	Journal club	1	1
-	Discussion / Presentation (Proposal Presentation)	2	2
-	Research Work	28	14
Total		35	21

\* Non University Exam

Table – 13: Course of study for M. Pharm. IV Semester  
(Common for All Specializations)

Course Code	Course	Credit Hours	Credit Points
-	Journal Club	1	1
-	Research Work	31	16
-	Discussion/Final Presentation	3	3
Total		35	20

Table – 14: Semester wise credits distribution

Semester	Credit Points
I	26
II	26
III	21
IV	20
Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	Minimum=02 Maximum=07*
Total Credit Points	Minimum=95 Maximum=100*

\*Credit Points for Co-curricular Activities



Table – 15: Guidelines for Awarding Credit Points for Co-curricular Activities

Name of the Activity	Maximum Credit Points Eligible / Activity
Participation in National Level Seminar/Conference/Workshop/Symposium/ Training Programs (related to the profession of Pharmacy)	01
Participation in international Level Seminar/Conference/Workshop/Symposium/ Training Programs (related to the profession of Pharmacy)	02
Academic Award/Research Award from university/State Level/National Agencies	01
Academic Award/Research Award from International Agencies	02
Research / Review Publication in National Journals (Indexed in Scopus / Web of Science/PCI/UGC approved)	01
Research / Review Publication in International Journals (Indexed in Scopus / Web of Science/PCI/UGC approved)	02

Note: International Conference: Held Outside India/organized by internationally recognized societies

International Journal: The Editorial Board outside India

International Agencies: Agencies outside India

\*The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University.

## Appendix II

**Tables – 1: Schemes for internal assessments and end semester examinations  
(Pharmaceutics- MPH)**

Course Code	Course	Internal Assessment			End Semester Exams		Total Marks	
		Continuous Mode	Sessional Exams		Total	Marks		Duration
			Marks	Duration				
<b>SEMESTER I</b>								
MPH 101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPH 102T	Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
MPH 103T	Modern Pharmaceutics	10	15	1 Hr	25	75	3 Hrs	100
MPH 104T	Regulatory Affair	10	15	1 Hr	25	75	3 Hrs	100
MPH 105P	Pharmaceutics Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
Total								650
<b>SEMESTER II</b>								
MPH 201T	Molecular Pharmaceutics (NanoTech and Targeted DDS)	10	15	1 Hr	25	75	3 Hrs	100
MPH 202T	Advanced Biopharmaceutics & Pharmacokinetics	10	15	1 Hr	25	75	3 Hrs	100
MPH 203T	Computer Aided Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
MPH 204T	Cosmetic and Cosmeceuticals	10	15	1 Hr	25	75	3 Hrs	100
MPH 205P	Pharmaceutics Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
Total								650

**Tables – 2: Schemes for internal assessments and end semester examinations (Industrial Pharmacy- MIP)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
<b>SEMESTER I</b>								
MIP101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MIP102T	Pharmaceutical Formulation Development	10	15	1 Hr	25	75	3 Hrs	100
MIP103T	Novel drug delivery systems	10	15	1 Hr	25	75	3 Hrs	100
MIP104T	Intellectual Property Rights	10	15	1 Hr	25	75	3 Hrs	100
MIP105P	Industrial Pharmacy Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
<b>SEMESTER II</b>								
MIP201T	Advanced Biopharmaceutics and Pharmacokinetics	10	15	1 Hr	25	75	3 Hrs	100
MIP202T	Scale up and Technology Transfer	10	15	1 Hr	25	75	3 Hrs	100
MIP203T	Pharmaceutical Production Technology	10	15	1 Hr	25	75	3 Hrs	100
MIP204T	Entrepreneurship Management	10	15	1 Hr	25	75	3 Hrs	100
MIP205P	Industrial Pharmacy Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables – 3: Schemes for internal assessments and end semester examinations  
(Pharmaceutical Chemistry-MPC)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
<b>SEMESTER I</b>								
MPC101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPC102T	Advanced Organic Chemistry -I	10	15	1 Hr	25	75	3 Hrs	100
MPC103T	Advanced Medicinal chemistry	10	15	1 Hr	25	75	3 Hrs	100
MPC104T	Chemistry of Natural Products	10	15	1 Hr	25	75	3 Hrs	100
MPC105P	Pharmaceutical Chemistry Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
<b>SEMESTER II</b>								
MPC201T	Advanced Spectral Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPC202T	Advanced Organic Chemistry -II	10	15	1 Hr	25	75	3 Hrs	100
MPC203T	Computer Aided Drug Design	10	15	1 Hr	25	75	3 Hrs	100
MPC204T	Pharmaceutical Process Chemistry	10	15	1 Hr	25	75	3 Hrs	100
MPC205P	Pharmaceutical Chemistry Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables – 4: Schemes for internal assessments and end semester examinations  
(Pharmaceutical Analysis-MPA)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
<b>SEMESTER I</b>								
MPA101T	Modern Pharmaceutical Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPA102T	Advanced Pharmaceutical Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPA103T	Pharmaceutical Validation	10	15	1 Hr	25	75	3 Hrs	100
MPA104T	Food Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPA105P	Pharmaceutical Analysis-I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
<b>SEMESTER II</b>								
MPA201T	Advanced Instrumental Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPA202T	Modern Bio-Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPA203T	Quality Control and Quality Assurance	10	15	1 Hr	25	75	3 Hrs	100
MPA204T	Herbal and Cosmetic analysis	10	15	1 Hr	25	75	3 Hrs	100
MPA205P	Pharmaceutical Analysis- II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables – 5: Schemes for internal assessments and end semester examinations  
(Pharmaceutical Quality Assurance-MQA)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
<b>SEMESTER I</b>								
MQA1 01T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MQA1 02T	Quality Management System	10	15	1 Hr	25	75	3 Hrs	100
MQA1 03T	Quality Control and Quality Assurance	10	15	1 Hr	25	75	3 Hrs	100
MQA1 04T	Product Development and Technology Transfer	10	15	1 Hr	25	75	3 Hrs	100
MQA1 05P	Pharmaceutical Quality Assurance Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
<b>SEMESTER II</b>								
MQA2 01T	Hazards and Safety Management	10	15	1 Hr	25	75	3 Hrs	100
MQA2 02T	Pharmaceutical Validation	10	15	1 Hr	25	75	3 Hrs	100
MQA2 03T	Audits and Regulatory Compliance	10	15	1 Hr	25	75	3 Hrs	100
MQA2 04T	Pharmaceutical Manufacturing Technology	10	15	1 Hr	25	75	3 Hrs	100
MQA2 05P	Pharmaceutical Quality Assurance Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables – 6: Schemes for internal assessments and end semester examinations  
(Pharmaceutical Regulatory Affairs-MRA)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
<b>SEMESTER I</b>								
MRA10 1T	Good Pharmaceutical Practices	10	15	1 Hr	25	75	3 Hrs	100
MRA10 2T	Documentation and Regulatory Writing	10	15	1 Hr	25	75	3 Hrs	100
MRA10 3T	Clinical Research Regulations	10	15	1 Hr	25	75	3 Hrs	100
MRA10 4T	Regulations and Legislation for Drugs & Cosmetics, Medical Devices, Biologicals & Herbals, and Food & Nutraceuticals In India and Intellectual Property Rights	10	15	1 Hr	25	75	3 Hrs	100
MRA10 5T	Pharmaceutical Regulatory Affairs Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
<b>Total</b>								<b>650</b>
<b>SEMESTER II</b>								
MRA20 1T	Regulatory Aspects of Drugs & Cosmetics	10	15	1 Hr	25	75	3 Hrs	100
MRA20 2T	Regulatory Aspects of Herbal & Biologicals	10	15	1 Hr	25	75	3 Hrs	100
MRA20 3T	Regulatory Aspects of Medical Devices	10	15	1 Hr	25	75	3 Hrs	100
MRA20 4T	Regulatory Aspects of Food & Nutraceuticals	10	15	1 Hr	25	75	3 Hrs	100
MRA20 5P	Pharmaceutical Regulatory Affairs Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
<b>Total</b>								<b>650</b>

**Tables – 7: Schemes for internal assessments and end semester examinations  
(Pharmaceutical Biotechnology-MPB)**

Course Code	Course	Internal Assessment			End Semester Exams		Total Marks	
		Continuous Mode	Sessional Exams		Total	Marks		Duration
			Marks	Duration				
<b>SEMESTER I</b>								
MPB10 1T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPB10 2T	Microbial And Cellular Biology	10	15	1 Hr	25	75	3 Hrs	100
MPB10 3T	Bioprocess Engineering and Technology	10	15	1 Hr	25	75	3 Hrs	100
MPB10 4T	Advanced Pharmaceutical Biotechnology	10	15	1 Hr	25	75	3 Hrs	100
MPB10 5P	Pharmaceutical Biotechnology Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
<b>SEMESTER II</b>								
MPB20 1T	Proteins and protein Formulation	10	15	1 Hr	25	75	3 Hrs	100
MPB20 2T	Immunotechnology	10	15	1 Hr	25	75	3 Hrs	100
MPB20 3T	Bioinformatics and Computer Technology	10	15	1 Hr	25	75	3 Hrs	100
MPB20 4T	Biological Evaluation of Drug Therapy	10	15	1 Hr	25	75	3 Hrs	100
MPB20 5P	Pharmaceutical Biotechnology Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650



**Tables – 8: Schemes for internal assessments and end semester examinations  
(Pharmacy Practice-MPP)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
<b>SEMESTER I</b>								
MPP10 1T	Clinical Pharmacy Practice	10	15	1 Hr	25	75	3 Hrs	100
MPP10 2T	Pharmacotherapeutic-I	10	15	1 Hr	25	75	3 Hrs	100
MPP10 3T	Hospital & Community Pharmacy	10	15	1 Hr	25	75	3 Hrs	100
MPP10 4T	Clinical Research	10	15	1 Hr	25	75	3 Hrs	100
MPP10 5P	Pharmacy Practice Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
<b>SEMESTER II</b>								
MPP20 1T	Principles of Quality Use of Medicines	10	15	1 Hr	25	75	3 Hrs	100
MPP10 2T	Pharmacotherapeutic II	10	15	1 Hr	25	75	3 Hrs	100
MPP20 3T	Clinical Pharmacokinetics and Therapeutic Drug Monitoring	10	15	1 Hr	25	75	3 Hrs	100
MPP20 4T	Pharmacoepidemiology & Pharmacoeconomics	10	15	1 Hr	25	75	3 Hrs	100
MPP20 5P	Pharmacy Practice Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables – 9: Schemes for internal assessments and end semester examinations  
(Pharmacology-MPL)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
<b>SEMESTER I</b>								
MPL10 1T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPL10 2T	Advanced Pharmacology-I	10	15	1 Hr	25	75	3 Hrs	100
MPL10 3T	Pharmacological and Toxicological Screening Methods-I	10	15	1 Hr	25	75	3 Hrs	100
MPL10 4T	Cellular and Molecular Pharmacology	10	15	1 Hr	25	75	3 Hrs	100
MPL10 5P	Experimental Pharmacology - I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
<b>Total</b>								<b>650</b>
<b>SEMESTER II</b>								
MPL20 1T	Advanced Pharmacology II	10	15	1 Hr	25	75	3 Hrs	100
MPL10 2T	Pharmacological and Toxicological Screening Methods-II	10	15	1 Hr	25	75	3 Hrs	100
MPL20 3T	Principles of Drug Discovery	10	15	1 Hr	25	75	3 Hrs	100
MPL20 4T	Clinical research and pharmacovigilance	10	15	1 Hr	25	75	3 Hrs	100
MPL20 5P	Experimental Pharmacology - II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
<b>Total</b>								<b>650</b>

**Tables – 10: Schemes for internal assessments and end semester examinations  
(Pharmacognosy-MPG)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
<b>SEMESTER I</b>								
MPG10 1T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPG10 2T	Advanced Pharmacognosy-1	10	15	1 Hr	25	75	3 Hrs	100
MPG10 3T	Photochemistry	10	15	1 Hr	25	75	3 Hrs	100
MPG10 4T	Industrial Pharmacognostical Technology	10	15	1 Hr	25	75	3 Hrs	100
MPG10 5P	Pharmacognosy Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
<b>SEMESTER II</b>								
MPG20 1T	Medicinal Plant biotechnology	10	15	1 Hr	25	75	3 Hrs	100
MPG10 2T	Advanced Pharmacognosy-II	10	15	1 Hr	25	75	3 Hrs	100
MPG20 3T	Indian system of medicine	10	15	1 Hr	25	75	3 Hrs	100
MPG20 4T	Herbal cosmetics	10	15	1 Hr	25	75	3 Hrs	100
MPG20 5P	Pharmacognosy Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

**Tables – 11: Schemes for internal assessments and end semester examinations  
(Semester III & IV)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
<b>SEMESTER III</b>								
MRM301T	Research Methodology and Biostatistics*	10	15	1 Hr	25	75	3 Hrs	100
-	Journal club	-	-	-	25	-	-	25
-	Discussion / Presentation (Proposal Presentation)	-	-	-	50	-	-	50
-	Research work*	-	-	-	-	350	1 Hr	350
Total								525
<b>SEMESTER IV</b>								
-	Journal club	-	-	-	25	-	-	25
-	Discussion / Presentation (Proposal Presentation)	-	-	-	75	-	-	75
-	Research work and Colloquium	-	-	-	-	400	1 Hr	400
Total								500

\*Non University Examination

Internal assessment: Continuous mode

The marks allocated for Continuous mode of Internal Assessment shall be awarded as per the scheme given below.

**Table – 12: Scheme for awarding internal assessment: Continuous mode**

Theory	
Criteria	Maximum Marks
Attendance (Refer Table – 13)	8
Student – Teacher interaction	2
Total	10
Practical	
Attendance (Refer Table – 13)	10
Based on Practical Records, Regular viva voce, etc.	10
Total	20

**Table – 13: Guidelines for the allotment of marks for attendance**

Percentage of Attendance	Theory	Practical
95 – 100	8	10
90 – 94	6	7.5
85 – 89	4	5
80 – 84	2	2.5
Less than 80	0	0

:1:



**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)

**DIRECTION NO. 1 OF 2016**

**ELIGIBILITY CRITERIA AND PROCEDURE FOR REGISTRATION OF CANDIDATES, ALLOTMENT OF SUPERVISORS/ GUIDES AND RESEARCH TOPICS, SUBMISSION OF THESIS AND ITS EVALUATION FOR THE AWARD OF DEGREE OF DOCTOR OF PHILOSOPHY DIRECTION, 2016.**

(Direction issued under Section 14(8) of the Maharashtra Universities Act, 1994)

Whereas the Maharashtra Universities Act 1994 i.e. Maharashtra Act No. XXXV of 1994 (herein after referred to as the Act) has come into force with effect from 22<sup>nd</sup> July 1994;

AND

Whereas the University Grants Commission has framed Regulations prescribing Minimum Standards for Ph.D. Degrees of the Universities vide its Notification No.F.I-/2002/(PS) Exemp., dt. 1 June 2009 published in the Gazette of India, dt. 11/17 July 2009 (hereinafter referred to as the UGC Regulations, 2009);

AND

Whereas the Academic Council and the Management Council of the University in its meetings held on 24<sup>th</sup> September 2009 and 20<sup>th</sup> November 2009, respectively, have accepted the said UGC Regulations, 2009 and have also decided to implement it in the University for which an Ordinance is required to be made;

AND

Whereas the process of making an ordinance is time consuming one and since the existing ordinances for award of Ph.D. degrees are found to be inconsistent with the UGC Regulations, 2009;

AND

Whereas Direction No. 10 of 2011, repealing the Direction No. 7 of 2011, was issued to give effect to the UGC Regulations, 2009 and since in the meeting of the Academic Council held on 23/02/2012 certain suggestions were made for being incorporated in the Direction No. 10 of 2011;

AND

Whereas considering the provisions made under Direction No. 10 of 2011 and the suggestions made by the Academic Council in its meeting held on 23/02/2012, the Vice-Chancellor has issued new Direction No. 29 of 2012 on 12/10/2012;

AND

Whereas, the Vice-Chancellor had appointed a committee under the Chairmanship of the Pro-Vice-Chancellor for making appropriate recommendations and suggestions the light of letters issued by the University Grants Commission from time to time;



:2:

AND

Whereas, the committee has submitted its report on 04/11/2015 alongwith the recommendations and suggestions to be incorporated in Direction No. 29 of 2012;

AND

Whereas, the Vice-Chancellor has accepted the report of the committee of the Pro-Vice-Chancellor on 05/12/2015, under provision of section 14(7) of the Act, on behalf of the Academic Council;

AND

Whereas, it is found expedient to replace the existing Direction No. 29 of 2012 by the new Direction, encompassing all the recommendations and suggestions of the committee;

Now, therefore, I, Dr. Siddharthvinayaka P. Kane, Vice-Chancellor, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in exercise of the powers vested in me under provision of Section 14(8) of the Act, do hereby issue the following Directions:-

- 1) This Direction shall be called "Eligibility criteria and procedure for registration of candidates, allotment of supervisors/ guides and research topics, submission of thesis and its evaluation for the award of Degree of Doctor of Philosophy Direction, 2016" (hereinafter "the Direction".)
- 2) This Direction shall come into force from the date of its issuance.
- 3) Scope:-This Direction shall govern the award of Ph.D. degree in all the faculties in the University.
- 4) Definitions:  
In this Direction, unless the context requires otherwise;
  - a. "Act" means the Maharashtra Universities Act, 1994 (Maharashtra Act No. xxxv of 1994).
  - b. "Board of Studies" means a Board for a particular subject or group of subjects constituted as per provisions of Section 37(2) of the Act and as provided under original Statute 23.
  - c. College means a college as defined under section 2(10) of the Act.
  - d. "Faculty" means a faculty constituted as per the provisions of Section 33(5) of the Act and as provided under original Statute 18.
  - e. "Head, Place of Research" means the Head of the "place of the research", designated by the University/Principal of the College/ Director of the Institute.



:3:

- f. "Place of Research" means all the post-graduate teaching departments of the University and includes any other place which is duly recognized as the "place of research" by the University.
  - g. "**Ph.D. Entrance Test (PET)**" means the entrance test conducted by the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in accordance with the (applicable) rules framed by the University in this regard.
  - h. "Post Graduate Department" means a department in a college or institution of higher learning, research, or specialized studies, recognized to be so by the university and imparting post-graduate instruction or guidance for research and includes the post-graduate teaching department of the University.
  - i. "**Research & Recognition Committee**" means a committee for the particular Board of Studies constituted by the University as per provisions of Section 36(A)(5) of the Act.
  - j. "**University**" means Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.
- 5) Subject to the compliance with the requirements of this Direction, an applicant fulfilling the following criteria shall be eligible for registration for the award of Ph.D. Degree of the university:

- a) Has passed Post Graduate Degree (Master's Degree) Examinations the University or an equivalent degree of any other university recognized thereto; in concerned subject, with at least 50% marks or equivalent Grade Point Average (GPA);

**OR**

Is having a Post Graduate Degree and is holding a post in the rank of Assistant Director **or its equivalent post** or above and working in National Laboratories/ Institutes /Government and nominated /sponsored by the respective employer.

**Explanation:** Person who has obtained a Master's Degree of any Statutory Indian University and working outside India and holding a post equivalent to Assistant Director or above shall also be included in this category;

**OR**

Has passed graduate degree examination with 50% of marks and is having minimum 15 years experience after graduation in the related field with exceptional research abilities/ contribution to be judged by an expert in respective field appointed by the Research and Recognition Committee;

**OR**

Is a graduate in any faculty with atleast 50% of marks and is having minimum 3 years of experience after graduation and has developed important new techniques (new for the country) or designed and fabricated special instruments or apparatuses which



:4:

are deemed by competent judge in respective field appointed by Research and Recognition Committee to be a valuable contribution.

**OR**

Is a fellow member of the Institute of Chartered Accountants, Institute of Cost and Works Accountants, Institute of Chartered Secretaries, with a Bachelor's degree from any statutory university of India and has atleast 5 years of professional experience. However, such a person shall be held eligible only for the subject comprised in the Boards of Studies in the Faculty of Commerce;

**AND**

b) Has a valid score in Ph.D. Entrance Test (PET), consisting of the General Entrance Test and Subject wise test, conducted by the University, as per the rules framed by the University in this regard.

**AND**

c) WHERE a candidate has obtained his qualifying degree from any University other than Rashtrasant Tukadoji Maharaj Nagpur University he should be residing within the jurisdiction of the University on the date of his application for Ph.D. for a period not less than six months.

6) **INTER DISCIPLINARY RESEARCH**

Application for research in inter-disciplinary areas from applicants belonging to a faculty or subject other than the faculty or subject in which research is proposed to be done shall be permissible on the basis of the proven ability and aptitude of the researcher for such kind of research. Such proposal shall be referred to the Board of inter-disciplinary studies. On examination, the Board shall send the proposal to the concerned RRC, depending on the major component of the research for registration.

7) **VALIDITY OF RESULT OF PET**

The candidate who has been declared to be successful in the Ph.D. Entrance Test of the university shall be eligible to submit his application for registration for Ph.D. within a period of 36 months from the date of result of his Ph.D. Entrance Test (PET).

8) **ALLOTMENT OF RESEARCH GUIDE/CO-GUIDE :**

An eligible candidate shall approach the Place of Research where he intends to do the research work. On the basis of number of seats available with the approved Ph.D. Guides, the available specialization amongst the Ph.D. Guides and the research interest of the candidate, the guide shall be allotted by the Committee consisting of Head, Place of Research and 2 senior teachers, who are recognized Ph.D. supervisors, nominated by the Vice-Chancellor. In no case the selection of guide by the student and selection of researcher by the guide shall be done by the researcher and the guide independently.



The modality regarding conduct of meetings of the committee, preparation of list of guides, vacancies with individual guides, their specialization and any other matter shall be such as laid down by the University.

While granting admission to candidates for Ph.D. programme, due attention shall be paid to the State Reservation Policy.

In case certain facilities of research **do** not exist in the jurisdiction of the University, the candidate may be permitted by the Guide and Head of the Place of Research to carry out his research work at an Institution approved by any Statutory University or Central/State Government, outside the jurisdiction of the University for such period as may be approved by the Research and Recognition Committee.

9) **PROCEDURE FOR ADMISSION/ REGISTRATION**

- (i) After allotment of guide, an eligible applicant seeking admission to the Ph.D. programme shall apply for registration to the University, on line, in the prescribed form **(Annexure-I)**. The hard copy of the on line application form along with the registration and other fees, as may be prescribed by the University from time to time, and the supporting documents shall be submitted to the University, endorsed by the allotted guide, through the Head, place of research, on any working day of the University. The date of submission of the application form to the University shall be considered as the date of registration subject to the approval, with or without modifications, by Research and Recognition committee. However, where deficiencies in application for registration have been communicated by the University to the candidate the candidate shall remove the deficiencies, by complying with the directions issued by the University in this regard, within the period of thirty days. Where the candidate fails to remove the deficiencies within thirty days but does so within one year from the date of said communication of the University, the date of registration shall be deemed to be the date on which the deficiencies have been completely removed. On failure of the candidate to remove the deficiencies within one year from the date of above said communication of the University the application for registration shall lapse and the candidate shall be required to apply for registration de novo as per the rules for registration existing on that day. The University shall not be liable to the candidate for the lapse of his application for registration under this clause.
- (ii) The applicant shall submit to the University the application for registration alongwith eight copies of synopsis, duly signed by the guide, of his proposed research work.
- (iii) Every application for registration shall be placed for consideration before the Research and Recognition Committee of the concerned subject, constituted as per section 36(A)(5) of the Act. The Research and Recognition Committee (RRC) shall take decision either to



accept or reject the research topic on the basis of the submitted synopsis and also the personal interview /presentation by the candidate. The RRC may accept the research topic subject to suitable modifications. The decision of Research and Recognition Committee shall be final. After acceptance of the application by the RRC, the candidate shall be treated as a registered Ph.D. candidate. The concerned guide may be invited during the interview/ presentation by the candidate, if deemed fit by the RRC.

- (iv) The last date for submission of application for Ph.D. registration shall be 15<sup>th</sup> January and 15<sup>th</sup> July of every calendar year. All the applications received on or before these dates shall be placed before the Research & Recognition Committee and the meeting of the Research & Recognition Committee shall be called as far as possible, within 60 days from the last date of application for registration of Ph.D.
- (v) After approval of application by Research and Recognition Committee, the particulars of the candidate, title of research work, research guide and place of work shall be displayed on the website of the University, within a period of one month, as far as possible.
- (vi) If a candidate desires, he may be permitted to partially modify the title and or the plan of the approved research work by the concerned Research and Recognition Committee. The proposal for partial modification, however, should be recommended by the guide and Head of the Place of Research.
- (vii) Once a candidate has been registered for any Ph.D. programme of the University, he shall not be allowed to be registered simultaneously for any other research degree programme of this or any other University in India or abroad. The breach of this condition shall result in automatic cancellation of registration in this University.

#### 10) **TENURE OF REGISTRATION**

The registration of a candidate shall be valid and shall remain in force for a period of 5 years from the date of registration and shall stand cancelled automatically on expiry of the said period of 5 years.

Provided that on the recommendation of the guide and also the head of the place of research an extension upto maximum period of 12 months may be permitted. The decision for extension, however, shall be taken by the relevant Research and Recognition Committee. In case Research & Recognition Committee is not in existence for any reason, the powers may be exercised by the Vice-Chancellor. The application for extension of the period of registration under this clause shall be submitted at least 3 months prior to the date of expiry of registration. The decision to extend the period as above shall be taken and communicated within the period of 60 days. On failure to take decision and communicate it by the university it shall be deemed that the extension

has been granted. In no circumstances, however, second extension shall be permitted. Therefore, on expiry of the extended period of registration the candidate shall be required to apply for registration afresh following the procedure denovo.

11) **CANCELLATION OF REGISTRATION AND ITS CONSEQUENCE**

A. Cancellation of registration:- The registration of a candidate for the Ph.D. programme may be cancelled in the following manner;

(a) Voluntary Cancellation :

The candidate can opt for voluntary cancellation of his Ph.D. registration. In such event the application duly signed by the candidate and duly endorsed by the Guide and Head of Place of Research shall be submitted to the Controller of Examinations. The candidate shall personally appear before the Controller of Examinations and shall submit a declaration of cancellation under his signature. The Controller of Examinations shall then endorse the declaration of the candidate contained in his application and forward it to the relevant Research and Recognition Committee. The registration shall stand cancelled from the date of acceptance of the application by the Research and Recognition Committee.

(b) **Cancellation for misconduct :**

If a candidate after registration, during the course of research work, is found to be guilty of commissions and omissions amounting to misconduct like indiscipline, dereliction of duties, unbecoming behavior, insubordination etc., the registration shall be cancelled by the relevant Research and Recognition Committee by way of punishment on the receipt of report from the Guide and the Head of Place of Research work.

Provided that the Head of Place of research work before submitting report to the University shall grant an opportunity to the candidate for submitting his explanation and shall conduct such enquiry as deemed necessary.

Provided also that the involvement of the candidate in a criminal offence involving moral turpitude shall be treated to be a misconduct and registration shall be cancelled with immediate effect on his/her conviction by the Competent Court. In such case there shall be no requirement of offering opportunity of being heard before cancellation of the registration.

(c) **Cancellation for failure to abide by the provisions of this Direction and/or Rules framed by the University :**



The registration of a candidate committing breach of provisions of this direction and/or Rules framed by the University shall be cancelled by the Controller of Examinations on receipt of the report from the Guide and the Head of Place of Research and the approval from Research and Recognition Committee.

Provided that the Head of Place of Research shall before submitting report to the University shall provide opportunity to the candidate to submit his explanations.

**B. Consequence of cancellation of registration:-**

Where the candidate whose registration has been cancelled as above has received scholarship/financial assistance from funding agencies like UGC, CSIR, University etc., the amount so received shall be recovered from the candidate and shall be promptly returned by the candidate to the funding agency. Where the funding agency happens to be the Rashtrasant Tukadoji Maharaj Nagpur University, an interest at the Rate of 18% may be charged by the university from the candidate on failure to return the amount within a period of 3 months from the date of cancellation of the registration. The university may take appropriate steps for recovery of the said amount from the candidate.

12) **SUPERVISION**

**(A) GUIDE**

Candidate shall be required to complete his/her doctoral research under the supervision of allotted recognised guide. In specific cases co-guide/second supervisor **may** also be permitted for justified reasons. The **concerned** Research & Recognition Committee may allow change of guide on production of a 'No Objection Certificate' from the earlier allotted guide and an acceptance letter from the new guide. In case of such a change, the candidate shall work for a minimum period of one calendar year under the new guide before he submits the thesis. The requirement of 'No Objection Certificate' shall not be necessary if the candidate justify (ies) the non-availability of his earlier allotted guide. The justification will have to be endorsed by the Head, place of research.

**(B) Maximum number of researchers at places of research**

- (a) The maximum number of researchers in the University's post graduate teaching departments, which are also places of research, shall not exceed fifty.
- (b) The maximum number of researchers for affiliated colleges, which are recognized as places of research, shall not be more than ten for professional courses and twenty for the non-professional and traditional courses.

**C) Maximum students per Supervisor**

At any given time no ph.d. supervisor shall have more than eight researchers working under him. Out of these eight researchers there shall not be more than three researchers in any other University. In other words at any given time a research supervisor can have three researchers from any other University within the state of Maharashtra and five from the University. A vacancy with a supervisor shall occur as soon as a candidate registered under him submits Ph.D. thesis as per the provisions of this Direction.

**(C) SELF GUIDE**

The research and recognition committee may on considering the published research work of the candidate and or his teaching /research experience of 15 or more years in senior college/institute, exempt him from carrying out his research work leading to Ph.D. degree under the guidance of a guide and allow him to carry out the research work under self guidance. The decision of the Research and Recognition Committee in this regard shall be final. The RRC may in such cases prescribe any additional condition(s), which it may deem proper.

**(D) Redressal of disputes**

In case of a dispute between a candidate and his guide or a co-guide the committee, consisting of the following members, shall examine the matter and report to the Vice-Chancellor;

- (i) Dean of the concerned faculty (Chairman),
- (ii) Nominee of the Vice-Chancellor,
- (iii) The Head, place of research (If the complaint is against the Head or the Dean, he/she shall not participate in the proceedings of the meeting. In that case, additional member/s may be nominated by the Vice-Chancellor)

The report shall include, among other things, specific recommendations of the committee. Based on the recommendations of the committee the Vice-Chancellor may issue appropriate directions. The decision of the Vice-Chancellor shall be final and binding on the parties.

13) **COURSE WORK**

- (a) After having been registered to the Ph.D. programme every candidate **shall** have to undertake a research methodology course work of duration of minimum one semester, consisting of sixty hours, to be treated as pre Ph.D. preparation.
- (b) The centres of the course work, the intake capacity of the centre, allotment of candidates to the centres, the syllabus of the course, teaching scheme and scheme and place of examination, and its certification shall be such as may be prescribed by the University through notification issued by the University.



14) **PROGRESS REPORT**

Every registered candidate shall submit to the Controller of Examinations of the University, through guide, the progress report of his research after every six months in the prescribed form, **(Annexure- II)**. If a candidate fails to submit three consecutive reports his registration may be cancelled by the relevant Research and Recognition Committee on recommendation of the guide.

15) **SUBMISSION AND EVALUATION OF THESIS**

**(A) SUBMISSION OF THESIS:-** The **Submission of thesis shall be on the following terms and conditions.**

- (i) Every candidate registered for Ph.D. shall be allowed to submit his thesis only twenty four months after the date of his registration, determined as per clause (9) of this Direction, if he has completed course work, as per the requirement of cl.(13), before registration for Ph.D. Where, however, the candidate has completed the course work after registration for Ph.D; he shall be allowed to submit the thesis twenty four months from the date of certificate of completion of the course work from the competent person. A candidate will be allowed to submit the summary of his thesis twenty two months from the date of certificate of completion of the course work where the course work has been completed after registration and in case where the candidate had completed the course work before registration the period of twenty two months shall be counted from the date of registration. The summary should contain introduction, chapter wise brief account of the work done and overall conclusions.
- (iii) At least three months before the date of submission of the summary of the thesis each candidate shall give a pre-submission seminar. The seminar shall be arranged by the Head of the place of research, on the request of the candidate duly endorsed by the guide. The seminar shall be attended by the Head, place of research, the guide, other research guides or teachers in the related subjects at the place of research and other Ph.D. researchers. The organization of the seminar should be duly certified by Head, place of research and the research guide **(Annexure III)**.
- (ii) Suitably incorporating the discussions and suggestions made in the pre submission seminar, the candidate shall submit to the Controller of Examinations ten copies of the summary of his thesis through his guide within three month from the date of seminar.
- (iii) It shall be mandatory for the researcher to publish at least one research paper, relating to his topic of Ph.D. research, in the peer reviewed research journal, before submission of the Ph. D. thesis and the researcher shall submit the copy of the published article alongwith the Ph.D. thesis.

- (v) The candidate shall be allowed to submit his thesis after completion of a period of two months and before six months from the date of submission of the summary, failing which the candidate will have to pay the fine prescribed by the University from time to time for late submission. Late submission of thesis may be allowed up to the completion of one year from the date of submission of the summary or till the expiry of the registration period, whichever is earlier.
- (vi) Five copies of the thesis shall be submitted in compact bound form along with a soft copy (CD), through his guide and Head of the Place of Research.
- (vii) The final thesis shall be presented in accordance with the following specifications:
  - (a) The paper used for printing shall be of A4 Size.
  - (b) Printing shall be in a standardized form on both sides of the paper and with minimum of one and- half spacing.
  - (c) A margin of one-and-a half inches shall be on the left hand side.
  - (d) The title of the thesis, name of the university, name of the concerned subject in which thesis is submitted (like Economics, Political Science, Physics, chemistry etc.) name of the concerned faculty, name of the candidate, name of the guide and co-guide, wherever appointed, month and year of thesis submission shall be printed on the title page and the front cover. (For specimen see an **Annexure-IV**)
- (viii) The thesis shall include a Certificate of the guide (**Annexure- V**) and a Declaration by the candidate (**Annexure-VI**) that the work reported in the thesis has been carried out by the candidate himself and that the material from other sources, if any, is duly acknowledged. The thesis should also be accompanied by the certificate of pre-submission seminar issued by guide and Head, Place of Research.
- (ix) The thesis shall be written in English/Marathi/Hindi except where it relates to foreign or other Indian Languages. In the Faculty of Science, Law, Engineering and Technology, Medicine (Pharmaceutical Science) the thesis shall invariably be written in English only.

**(B) APPOINTMENT OF REFEREES**

- (1) On receipt of the copies of the summary of the thesis the same shall be placed before the relevant Research and Recognition Committee, as soon as possible, for recommending panel of referees, for evaluation of the thesis, comprising of not less than six referees in an alphabetical manner with their full addresses, e-mail addresses, telephone numbers, mobile numbers and pin code for correspondence. The RRC while recommending the panel of referees may take



into consideration the names of experts suggested by the guide.

Provided firstly, that the RRC shall recommend the panel in such a way so as to include at least two referees within the State but out of the jurisdiction of this University and at least four referees outside the State or outside India, if available.

Provided secondly, that if the referees within the State are not available the panel shall be recommended so as to have all the referees outside the State of Maharashtra.

Provided thirdly, that if language of thesis is Marathi and referees are not available out of the state or out side India, the panel shall be recommended so as to have all referees within the state of Maharashtra.

- (2) In terms of the resolution of the Board of University Teaching and Research the Research and Recognition Committees of the University may recommend to the committee appointed under provision of section 32(5)(a) of the Act a panel of referees for evaluation of the thesis. The said committee shall prepare the list of referees in order of preference, category-wise as mentioned above, for being finally appointed by the Board of Examinations.

**(C) EVALUATION**

- (1) The thesis shall be evaluated by three referees (hereinafter external referees) out of which atleast two shall be out of Maharashtra, for all the faculties, subject to the compliance of proviso second and third in clause (B) above.
- (2) After the candidate has submitted the copies of thesis and Board of Examinations has appointed category-wise referees the Controller of Examinations shall, preferably within one week from the date of appointment of referees as per Clause (B) above, request the first referee from each of the categories mentioned in proviso 1<sup>st</sup> of sub clause (1) of clause (B) of para 15 on the list to communicate within 15 days their willingness to examine the thesis. Copy of the summary of the thesis submitted by the candidates shall be sent to the referees alongwith the request letter. If the referee fails to communicate his acceptance/ willingness within 30 days from the date of dispatch of the first invitation letter, Controller of Examinations shall send the invitation letter to next referee in the list. If the referee fails to convey his acceptance within 15 days, Controller of Examinations shall send a reminder to the referee to send the acceptance letter immediately.

Where the referee has accepted to examine the thesis, the Controller of Examinations shall forward the thesis to him within one week after receipt of letter of acceptance and shall request the referee to submit the report within 45 days from the receipt of the thesis.

- (3) The external referees shall independently send their reports in the prescribed format to the Controller of Examinations within forty-five days from the date of receipt of the thesis. If the referee fails to do so, the Controller of Examinations shall send a reminder immediately after the expiry of the said period and request him to submit the report within thirty days. If the concerned referee fails to comply even within the extended period the Controller of Examinations shall cancel his appointment and invite the next referee from the approved list to evaluate the thesis.
- (4) (i) As soon as reports of two referees have been received those shall be placed before the Vice-Chancellor by the Controller of Examinations. The reports shall be opened and if both the referees have recommended acceptance of the thesis the process for conduct of open viva-voce test shall be initiated immediately notwithstanding that the report of the third referee has not been received. If one of the two referees whose reports have been received has either rejected or suggested revision of the thesis then further steps for conduct of the open viva-voce shall be taken only after report of the third referee has been received by the university.
- (ii) The viva-voce shall be conducted by the nearest external examiner. After the satisfactory viva-voce test the candidate shall become eligible for the award of Ph.D. Degree.
- (iii) If the external referees by majority do not approve the thesis, then the candidate shall not be eligible for award of Ph.D. Degree.
- (iv) If the referees by majority recommended revision of the thesis, then the candidate shall submit revised thesis (five copies) within 12 months from the date of the communication by the Ph.D. Cell and the revised thesis shall then be sent to original referees who have suggested revision and it will be subjected to the process of evaluation and conduct of viva-voce test as prescribed above. The referees recommending revision must state the reasons for his opinion and also must clearly indicate the direction in which he desires the thesis to be revised.
- (v) If out of the three referees, one has recommended the acceptance of thesis, the second has recommended rejection and the third one has recommended revision then the following procedure shall be followed :

The thesis shall be sent back to the candidate alongwith the recommendations of the referee, who has



suggested revision. The candidate shall resubmit the thesis, within a period of 12 months, revised in terms of the recommendations of the referee. Thereafter, the revised thesis shall be sent back to the referee who had recommended the revision of the thesis. If the thesis is accepted by the referee then the candidate shall be declared to have become eligible for appearing in the open viva-voce test.

- (vi) The guide of the candidate shall be the internal referee for open defence. In case of a candidate working independently defence shall be conducted by the external referee only.
- (5) After ascertaining that the reports are favourable , Controller of Examinations shall arrange the viva and the defence of the thesis on the earliest date suitable to the internal examiner, preferably the nearest external examiner and the Head of the Place of Research who will act as Chairman. In case the Head of the place of research is not available he shall nominate senior research guide as Chairman for the defence. The Controller of Examinations shall make the reports available to the Head of Place of research/ Chairman a day before the date of the viva. In case of any difficulties, the Dean of the concerned faculty shall take appropriate decision .

16) **VIVA-VOCE AND OPEN DEFENCE OF THE THESIS**

- (1) The day, date, time and the place for the viva voce and the open defense of the thesis shall be notified by the Controller of Examinations preferably eight days in advance. Normally the viva voce and the open defence of the thesis shall be arranged in the University. However, in exceptional cases, the Vice-Chancellor may permit the viva-voce to be conducted at a different place.
- (2) The open defence of the thesis shall take place in presence of guide (internal referee), one external examiner and the Head, place of research who shall jointly evaluate the performance of the candidate. In case of any difficulty, Dean of the concerned faculty shall take the appropriate decision.
- (3) If the external referee is unable to be present at the time of the open defense, the Vice-Chancellor, on the recommendation of the guide and the Dean of the concerned faculty, shall appoint a senior research guide to act as an external referee for the open defense of the thesis. In case the internal referee is not available, the Vice-Chancellor shall appoint one of the senior research guides as an internal referee, on the recommendation of the Dean of the concerned faculty & Head of the place of research.
- (4) The referees present for the viva-voce and the open defense of the viva-voce of the thesis shall submit to the Controller of



Examinations their final report in written form duly signed by them, immediately after the open defence is over, alongwith the copy of the thesis, through the Chairman of the Viva-voce, about the award of Ph.D. degree.

- (5) In case the defence is not satisfactory the referees may unanimously recommend with reasons that a fresh viva-voce and open defense of the thesis be organized within a period of not less than one month. If the defence is still not-satisfactory the committee would record the reasons for the same and refer it to Board of Examinations for consideration.
- (6) The result shall be officially declared by the Controller of Examinations within eight days from the date of the receipt of the favourable report on the defence of the thesis.

17) **DEPOSITORY WITH UGC**

- (1) Following the successful completion of the evaluation process and announcements of the award of Ph.D. Degree, the University shall submit a soft copy of the Ph.D. thesis to the UGC, within a period of thirty days, for hosting the same in INFLIBENT accessible to all Institutions/Universities.
- (2) The University shall issue a provisional certificate certifying to the effect that the Degree has been awarded in accordance with the UGC Regulations 2009 issued by the UGC as per the Notification dated 1<sup>st</sup> June 2009 and published in Gazette on 11<sup>th</sup> July, 2009.

- 18) The Ph.D. degree shall be conferred on the candidate in the ensuing convocation of the university.
- 19) Upon promulgation of this Direction, the Direction No. 29 of 2012 shall stand repealed.

20) **SAVING CLAUSE:**

Notwithstanding anything contained herein, it is clarified that all cases in which registration has been already granted the same shall continue to be governed by the respective Ordinances and Directions even if repealed by virtue of this Direction or other Directios. The procedure of submission of thesis and evaluation shall be governed by the said Ordinances/ Directions, notwithstanding their repeal.

Nagpur

Date : 15-1-2016

  
(Dr.Siddharthavinayaka P. Kane)  
Vice-Chancellor



**PDF FORMAT OF ON LINE APPLICATION**



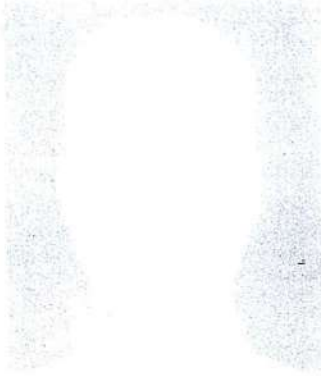
**Annexure-I**

**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

("Established by Government of Central Provinces Education Department by Notification No.513 dated the 1<sup>st</sup> of August,1923 & presently a State University governed by Maharashtra Universities Act, 1994")

Re-accredited by NAAC "A" Grade

**Registration No**



APPLICATION FORM FOR REGISTRATION AS A RESERCH STUDENT FOR THE DEGREE OF DOCTOR  
OF DOCTOR OF PHILOSOPHY IN THE FACULTY OF                      SUBJECT

This form must be submitted to the controller of Examination, Rashtrasant Tukdoji Maharaj Nagpur University, through the Supervisor and Head of Place of Reserch where proposed reserch is carried out, so as to reach him on or before 15th July/15th January

To,  
The Controller of Examination,  
Rashtrasant Tukdoji Maharaj  
Nagpur University, Nagpur.

PHD CELL RTMNUANNEXURE - I

**RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY**

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University Governed by Maharashtra Universities Act, 1994.)"

**Registration No**



APPLICATION FORM FOR REGISTRATION AS A RESERCH STUDENT FOR THE DEGREE OF DOCTOR  
OF DOCTOR OF PHILOSOPHY IN THE FACULTY OF                      SUBJECT

This form must be submitted to the controller of Examination, Rashtrasant Tukdoji Maharaj Nagpur University, through the Supervisor and Head of Place of Reserch where proposed reserch is carried out, so as to reach him on or before 15th July/15th January

To,

The Controller of Examination,

Rashtrasant Tukdoji Maharaj

Nagpur University, Nagpur.

A red handwritten signature or mark, possibly initials, located at the bottom of the page. It consists of a few bold, sweeping strokes in red ink.

Sir/Madam,

I hereby apply for being registered as a research student for the degree of Doctor of Philosophy (Ph.D) with the all details Given Below

Faculty of \_\_\_\_\_ Subject \_\_\_\_\_

First Name \_\_\_\_\_ Middle Name \_\_\_\_\_ Last Name \_\_\_\_\_

Mother Name \_\_\_\_\_ Father/Husband Name \_\_\_\_\_

Phone No \_\_\_\_\_ Date Of Birth \_\_\_\_\_

Permanent Address \_\_\_\_\_

Permanent Address City \_\_\_\_\_

Permanent Address Pin-Code \_\_\_\_\_

Correspondence Address \_\_\_\_\_

Correspondence Address City \_\_\_\_\_

Correspondence Address Pin-Code \_\_\_\_\_

Email Id \_\_\_\_\_

Nationality \_\_\_\_\_

Caste \_\_\_\_\_ Religion \_\_\_\_\_

Belong to Backward Class \_\_\_\_\_ Specify Category \_\_\_\_\_

Name of the University from where qualifying degree has been obtained \_\_\_\_\_

College last attended \_\_\_\_\_

Enrollment Number, if passed from R.T.M. Nagpur University \_\_\_\_\_

**DETAIL OF EXAMINATION PASSED**

Examination Passed	Board/Unive rsity	Year of Passing	Subject offered	Division	Aggregate Marks	%/Grade

**EMPLOYMENT STATUS**

Are you employed

Designation

Address of office

**INFORMATION ABOUT PROPOSED RESEARCH**

Topic of Research

Name of the Research Place

Address of the Research Place

University recognition letter No

Dated

Name of the Guide

Designation of the Guide

Address of the Guide

Code number of Guide

Whether the Ph.D. Entrance Test conducted by this University passed

Ph.D. Entrance Test year of passing

Roll Number

Percentage obtained

Whether the candidate is exempted from Entrance Examination

Reason

List of Document enclosed

**FEES DETAIL**

Paid Fee (Rs)

On Date

Receipt No.

**Instructions**

- 1) Attested True copies of the mark-list/degree certificate must be attached.
- 2) Candidate who has passed the qualifying examination from any University other than Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur should submit an original eligibility certificate from Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.
- 3) If the Candidate belonging to the Backward Community, copy of caste/validity certificate should be enclosed.
- 4) Incomplete application will not be accepted under any circumstances.

**UNDERTAKING**

I promise to abide by the provisions of rules and regulations of Rashtrasant Tukadoji Maharaj Nagpur University governing Ph.D programmes, issued from time to time.

Place

Date

Signature of Candidate





**DECLARATION BY GUIDE**

I the undersigned supervisor has agreed to be the guide of  
subject \_\_\_\_\_ Faculty Of \_\_\_\_\_ ,

I hereby declare and state that I have \_\_\_\_\_ candidates under my  
supervision including the above candidate and hence I comply with the conditon of  
maximum eight Ph.D. student under my supervision as guide and/or co-guide.

The details Of students registered under me as on today are as follows:

Sr.No	Name of Student	Date Of Registration	Place Of Registration	Name of University	Remarks



Signature of Guide

\_\_\_\_\_

**ENDORSEMENT OF THE HEAD OF PLACE OF RESEARCH**

Forwarded and recommended. Necessary facilities available in this Department/  
Institution will be provided to the applicant.

Date

\_\_\_\_\_

Head of Place of Research

\_\_\_\_\_

*SS*



ANNEXURE-II

Faculty of \_\_\_\_\_  
Subject: \_\_\_\_\_

**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

“(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994.)”

**PROGRESS REPORT**

To,

**The Controller of Examinations,**  
Rashtrasant Tukadoji Maharaj  
Nagpur University, Nagpur.

Through :- (Name of the Guide) \_\_\_\_\_

Subject: Progress report for the period from \_\_\_\_\_ to \_\_\_\_\_.

Sir/Madam,

I am submitting the progress report of Ph.D. research for the duration cited under the subject mentioned above:

- 1) Name of the Research Student : \_\_\_\_\_
- 2) Name of Research Guide : \_\_\_\_\_
- 3) Date of Registration for Ph.D. Degree : \_\_\_\_\_
- 4) Place of Research Work : \_\_\_\_\_
- 5) Title of Research work : \_\_\_\_\_

- 5) Details in respect of Research work carried out during above mentioned period :

**Date:**  
**Place:**

**Signature of the Candidate**

**Signature of the Guide**



**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

("Established by Government of Central Provinces Education Department by Notification No.513 dated the 1<sup>st</sup> of August,1923 & presently a State University governed by Maharashtra Universities Act, 1994")

Re-accredited by NAAC "A" Grade

**Ph.D. THESIS PRE SUBMISSION SEMINAR FOR ALL FACULTIES**

**Attendance Sheet & Suggestions**

Shri/Smt/Kum. ....

presented Ph.D. Pre Thesis submission seminar on the work of Ph.D. in the Subject  
..... Under the Faculty of ..... on

..... the ..... at .....  
(day) (Date) (Time)

at the.....

(Name of the place of Research)

**Following persons were present**

	<u>Name</u>	<u>Signature</u>
1.	..... (Head, Place of Research)	.....
2.	..... (Researcher's Guide)	.....
3.	..... (Recognised Guide at the place of research)	.....
4.	..... (Recognised Guide at the place of research)	.....
5.	..... (Recognised Guide at the place of research)	.....
6.	..... (Teacher at the place of research)	.....
7.	..... (Teacher at the place of research)	.....
8.	..... (Ph.D. Student)	.....
9.	..... (Ph.D. Student)	.....
10.	..... (Ph.D. Student)	.....

**Suggestions**

.....  
.....  
.....

(Signature of th Researcher's Guide )  
Date:

(Signature of the Head, Place of research)  
Date:

(Note:The candidate should submit a copy of this " Ph.D. thesis pre submission seminar" document duly singed by the Guide and Head, place of research before submission of Ph.D. thesis.)

**FRONT /COVER PAGE OF THESIS**

- 1) The colour of the cover of the thesis should be black.
- 2) Letters should be in golden colour with embossing.
- 3) Title of the Thesis (In Block Letters)
- 4) Faculty
- 5) Subject
- 6) Name of the candidate
- 7) Name of Guide/Co-Guide
- 8) Name of the University

**FIRST PAGE OF THESIS**

- 1) Title of the Thesis (In Block Letters)
- 2) Faculty
- 3) Subject
- 4) Name of the candidate
- 5) Name of Guide/Co-Guide
- 6) Date \_\_\_\_\_ Month \_\_\_\_\_ Year \_\_\_\_\_



**CERTIFICATE**

This is to certify that the work presented in this thesis entitled :

“ \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_”

is the own work of Shri /Smt./Ku. \_\_\_\_\_

\_\_\_\_\_ conducted in the Department /  
Institute / College \_\_\_\_\_ under my supervision.

This work has not been submitted earlier to any University/ Institution for any research degree to  
the best of my knowledge.

Date:

Place:

(Name, Designation and Signature of Guide)





**DECLARATION/UNDERTAKING**

I hereby declare that the work presented in this thesis entitled :

“ \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_” was

carried out by me under the supervision of \_\_\_\_\_

from \_\_\_\_\_ to \_\_\_\_\_. This work or any part of this work is based

on original research and has not been submitted by me to any University/ Institution for the award

of any diploma or degree.

Date:

Place:

(Name and Signature of Candidate)





**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

“(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017).)”

**DIRECTION NO. 23 of 2018**

**Minimum Standards and Procedure for Award of the Degree of  
M.Phil. / Ph.D., Direction, 2018**

**(Issued under Section 12 (8) of the Maharashtra Public Universities Act, 2016.)**

Whereas, the Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017) (hereinafter the ‘Act’) has come into force with effect from 1.3.2017;

AND

Whereas, by virtue of the provisions of Section 3(1) of the Act, the Rashtrasant Tukadoji Maharaj Nagpur University (hereinafter the University) is governed by the provisions of the said Act;

AND

Whereas, the University Grants Commission, in supersession of the UGC (Minimum Standards & Procedures for Award of Ph.D. Degree of the Universities) Regulations, 2009, has issued the University Grants Commission (Minimum Standards & Procedure for award of M.Phil./Ph.D. Degree) Regulations, 2016 (the University Grants Commission Regulations, 2016), vide its Notification dated 5th May 2016, published in the Gazette of India No.278, Part III – Section 4, dated 5th July 2016;

AND

Whereas, the Secretary University Grants Commission, New Delhi Vide No. F.No.20-1/2014 (PS) dated 17<sup>th</sup> March 2017 has issued Public Notice explaining the words “Regular Mode” appearing in the University Grants Commission’s ‘Regulations on minimum qualifications for appointment of teachers and other Academic Staff in Universities and Colleges and measures for the Maintenance of Standards in Higher Education 2010 (4<sup>th</sup> Amendment)’ notified in Gazette of India dated 11<sup>th</sup> July 2016;

AND

Whereas, the committee under the Chairmanship of Pro Vice-Chancellor of the University appointed by Vice-Chancellor to study and recommend mechanism for pursuing Ph.D. programme in part time mode having submitted its report on 5<sup>th</sup> April 2017 and the same was approved by the Vice-Chancellor under provisions of sub section (7) of section 12 of the Act, on behalf of the Board of Research, which is competent to decide upon policy for maintenance of standards of research for Ph.D. degrees, in consonance with the norms of the University Grants Commission and Other Regulatory Bodies;

AND

Whereas, the recommendations made by the committee appointed by the Vice-Chancellor are required to be included in the existing norms of the University regulating the Minimum Standards and Procedure for award of the Degree of M.Phil/Ph.D.;

AND



Whereas, by virtue of Section 73(1) of the Act, an Ordinance is required to be made regulating the Minimum Standards and Procedure for award of the Degree of M.Phil/Ph.D., incorporating the UGC Regulations, 2016 and also the recommendations of the Committee under the Chairmanship of Pro Vice-Chancellor;

AND

Whereas, making of an ordinance was a time consuming process and there was an urgency in implementing the U.G.C. regulations 2016;

AND

Whereas, for regulating the U.G.C regulations 2016, the Vice-Chancellor of the University, in exercise of the powers vested in him under provision of section 12(8) of the Maharashtra Public Universities Act, 2016, had issued Direction No.37/2017 on 11-12-2017;

AND

Whereas, it is provide under proviso of section 12(8) of the Maharashtra Public Universities Act, 2016 that the Direction issued by the Vice-Chancellor shall exist for a period of six months. After completing the period of six months, the said Direction shall automatically lapsed;

AND

Whereas, Direction No.37/2017 issued by the Vice-Chancellor on 11-12-2017 was automatically lapsed on 10-6-2018 as per provision made under the proviso of section 12(8) of the Maharashtra Public Universities Act, 2016;

AND

Whereas, it is necessary to regulate the matter relating to minimum standards and procedure for award of the Degree of M.Phil/Ph.D. by providing an ordinance for the said purpose;

AND

Whereas, making of an ordinance is time consuming process;

AND

Whereas, for regulating the matter relating to minimum standards and procedure for award of Degree of M.Phil/Ph.D., the subordinate legislation is required to be made and issued;

Now, therefore, I, Dr. Siddharthvinayak P. Kane, Vice-Chancellor, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in exercise of the powers vested in me under the provision of Section 12(8) of the Act, do hereby issue the following Direction: -

1. This Direction shall be called "Minimum Standards and Procedure for Award of the Degree of M.Phil / Ph.D., Direction, 2018

2. This Direction shall come into force with effect from the date of its issuance.

3. **Scope: -**

This Direction shall govern award of the Degrees of M.Phil and Ph.D. in all the faculties of the University.

4. **Definitions: -**

In this Direction, unless the context requires otherwise: -

(a) "Act" means the Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017).

- (b) "Approved P.G. teacher" means a teacher who has been appointed for conducting Post Graduate courses and approved by the University.
- (c) "Board of Studies" means a Board for a particular subject or a group of subjects constituted as per provisions of Section 40 of the Act.
- (d) "Board of Deans" means a Board of Deans constituted by the University as per provisions of sub-section (2) of section 36A of the Act.
- (e) "College" means a conducted/affiliated college of the university.
- (f) "Faculty" means a faculty constituted as per the provisions of Section 34 (2) of the Act and the relevant Direction/Ordinance of the University.
- (g) "Head, Place of Research" means the Head of the Department of the University/Principal of the College/ Director of the Institute/Head of the Organisation, which is recognised as a place of research and higher learning by the University.
- (h) "Place of Research" means all the post-graduate teaching departments of the University and includes any other college/institute/organization which is duly recognized as the place of "Higher learning and research" by the University as per the applicable rules from time to time.
- (i) "Ph.D. Entrance Test (PET)" means and includes the entrance test conducted by the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in accordance with the applicable rules framed by the University in this regard from time to time for admission to M.Phil./Ph.D. programmes.
- (j) "Post Graduate Department" means a Department in a college or institution of higher learning and research or specialized studies, recognized to be so by the University and imparting post-graduate instructions or guidance for research and includes the post-graduate teaching department of the University.
- (k) "Research Advisory Committee" means a committee constituted as per the provisions of this Direction;
- (l) "Recognised P.G. teacher" means a teacher who has been recognised as a post graduate teacher as per the existing rules of the University.
- (m) "Research & Recognition Committee" means a committee for the particular Board of Studies constituted by the University as per the provisions of Section 37 (2) of the Act,
- (n) "Supervisor" means a person who is recognised as Ph.D. supervisor as per the provisions of this Direction.
- (o) "University" means Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

**5. Eligibility Criteria for admission to M.Phil/ Ph.D. Programme:-**

**(a) For M.Phil. Programme:**

- (i) Candidates for admission to the M.Phil. programme shall have passed Post Graduate Degree (Master's Degree) Examinations of the University or an equivalent Degree of any other recognised statutory university; in the concerned subject, with at least 55% marks in, aggregate or its equivalent grade "B" in the UGC- 7 point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent Degree from a foreign educational institution accredited by an Assessment and Accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose

of assessing, accrediting or assuring quality and standards of educational institutions.

A relaxation of 5% of marks, from 55 to 50% or an equivalent relaxation of grade, may be allowed for those belonging to S.C./S.T./O.B.C. (Non-Creamy Layer) /V.J.N.T./S.B.C./differently abled and other categories of candidates as per the University Grants Commission's Regulations, 2016, or those who had obtained their Master's Degree prior to 19<sup>th</sup> September 1991. The eligibility Marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories/class of candidates mentioned above are permissible only on the qualifying marks without including the grace marks.

- (ii) M.Phil Programme shall be for a minimum duration of two(2) consecutive semesters/one year and a maximum of four (4) consecutive semesters/ two years.
- (iii) The women candidates and person with disability (more than 40% disability) may be allowed a relaxation of one year in the maximum duration. In addition, the women candidates may be provided maternity leave/child care leave once in the entire duration of M.Phil for up to 240 days.
- (iv) Admission for M.Phil Programme shall be through an entrance test conducted by the University.
- (v) While granting admission to candidates for M.Phil programme, due attention shall be paid to the State Reservation Policy.

**(b) For Ph.D. programme:**

- (i) Candidates for admission to the Ph.D. programme shall have passed Post Graduate Degree (Master's Degree) Examinations of the University or an equivalent Degree of any other recognised statutory university in concerned subject, with at least 55% marks in aggregate or its equivalent grade "B" in the UGC- 7 point Scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent Degree from a foreign educational institution accredited by an Assessment and Accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.

A relaxation of 5% of marks, from 55 to 50% or an equivalent relaxation of grade, may be allowed for those belonging to S.C./S.T./O.B.C. (Non Creamy Layer) /V.J.N.T./S.B.C./differently abled and other categories of candidates as per the University Grants Commission's Regulations, 2016, or for those who had obtained their Master's Degree prior to 19<sup>th</sup> September 1991. The eligibility Marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories/class of candidates mentioned above are permissible only on the qualifying marks without including the grace marks.

- (ii) Candidates who have successfully passed the M.Phil. Course programme as per conditions laid down by U.G.C. Regulations, 2009 published in Government of India Gazette, July 11-July 17, 2009, i.e. admitted on the basis of entrance examination, with at least 55% marks in aggregate or its equivalent grade B in the UGC 7 point Scale or an equivalent grade in a point scale, wherever grading system is followed, and successfully completed the M.Phil. Degree shall also be eligible for admission to Ph.D. Programme.

AND

Has qualified in the two-stage qualifying examination PET-I and PET-II (M.Phil. or Ph.D. Entrance Test), conducted by the University as per the applicable rules in force. The candidate who has been declared to be successful in the Entrance Test (PET) of the university shall be eligible to submit his/her application for admission/registration for M.Phil./Ph.D. within a period of 36 months from the date of result of his/her Ph.D. Entrance Test (PET).

**6. Entrance Test for M. Phil/Ph.D. Programmes:**

**(a) General Aptitude Test (PET-I)**

- (i) The M.Phil/Ph.D. Entrance Test (PET-I) shall be conducted in the ONLINE Mode. However for senior citizens (60 years and above age) it may be conducted in OFF LINE mode on request. The University shall invite application forms from the eligible candidates, desirous of appearing in the PET-I, and all the application forms shall be filled only ONLINE on the website of designated agency and print outs of the forms along with certificates and prescribed fees in the form of Demand Draft, drawn in favor of "Finance and Accounts Officer, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur" payable at Nagpur shall be submitted in the office of the designated agency. On scrutiny of the applications, University shall prepare the statement along with all the particulars of the applicants and publish the list of eligible candidates with their Roll Numbers.
- (ii) The PET-I shall be based upon multiple choice questions and shall be in English, Marathi and Hindi.
- (iii) The examination shall consist of one paper of 90 minutes duration based on General Aptitude Test, carrying 100 marks and containing 100 multiple choice questions, based on :-
  - (a) Analytical reasoning,
  - (b) Numerical ability and
  - (c) Language competency
  - (d) Computer and Environment awareness
  - (e) Logical reasoning of data interpretation.
- (iv) The valuation of answers shall be based on negative marking system in accordance with the marks allotted for each individual question. The negative marks shall be 0.5 marks per wrong answer.
- (v) The PET Examination Committee constituted by the University shall be the competent authority to redress grievances of any candidate with respect to the conduct of PET-I.
- (vi) The candidate shall be declared successful if he/she secures minimum 50% of marks in the PET-I

**(b) PET-II : (Only for Ph.D. Programme)**

Every candidate who has passed in PET-I shall be required to appear in the PET-II Examination which will be in the off line mode. PET-II examination shall consist of two sections i.e. Section-A and Section-B and shall be of descriptive nature. The duration of examination shall be of three hours carrying 100 marks (each section carrying 50 marks) and covering the following areas:



**SECTION-A :** Research Methodology (Common for all)

- i) Fundamentals of research,
- ii) Selecting a problem and preparing a research proposal,
- iii) Types of research,
- iv) Tools and techniques of research and
- v) Review of Literature.

**SECTION-B:** Subject specific: Syllabus of relevant subjects shall be displayed on the University web site; [www.nagpuruniversity.org](http://www.nagpuruniversity.org).

- (c) Minimum passing percentage for PET-II examination shall be 40% in each section i.e. Section A and Section B and 50% in the aggregate.
- (d) Ph.D. entrance test shall be conducted by the university at the centres notified in advance in accordance with the rules framed by the university. This information shall also be published in two national newspapers of which one shall be in the regional language.

**Provided that candidates belonging to reserved categories appearing to the entrance test (PET-1 & PET-2) to be conducted by the university shall have to obtain 45% marks to become qualified.**

7. PET being one of the eligibility criteria for applying for **M.Phil. (PET I) / Ph.D. (PET I & PET II)** admission/registration, the declaration of the candidate to be successful in PET examination shall not confer on the candidate, the right of admission/registration.

**8. Exemption from PET for Ph. D. program: -**

Candidates who have qualified the UGC-NET (including JRF)/UGC-CSIR NET (including JRF)/SLET/GATE/GPAT/SET/teacher fellowship holder or have passed M.Phil. programme (admitted through entrance test) in the concerned subject from any Statutory University.

**9. Number of seats for admission, subject/faculty-wise distribution of available seats, criteria for admission adhering to the National/State level reservation policy: -**

- (a) The maximum number of researchers in the University's post graduate teaching departments, which are also recognised as places of research work, shall not exceed fifty.
- (b) The maximum number of researchers at affiliated colleges/institutions/organisations which are recognized places of research, shall not be more than ten for professional courses, and twenty for the non-professional and traditional courses.
- (c) The University shall maintain the list of all M.Phil./Ph.D. registered students on its website on year wise basis. The list shall include the name of registered candidates, topic of research, names of supervisor/ co-supervisor and the date of registration. The list, also shall display the vacancies at each research centre.
- (d) While granting admission for M.Phil/Ph.D. programmes due attention shall be paid to the State Reservation Policy.
- (e) RRC shall be, subject-wise University committees, before which the candidates are required to discuss their research interest/area through a presentation by way of interview/viva-voce.

- (f) In the interview/viva-voce, the RRC shall also consider the competence of the candidate for proposed research.

**10. Recognition of Ph.D. Supervisor: -**

**Following persons shall be eligible to be recognized as Ph.D. Supervisor in the University, if they are working within the territorial jurisdiction of the university :-**

Any full time approved post-graduate teacher having Ph.D. Degree and having not less than three years of teaching experience after obtaining Ph.D. Degree and having publication of research papers in refereed journals (Two in case of Assistant Professor and Associate Professor and Five in case of Professor).

OR

Any full time recognised postgraduate teacher having Ph.D. Degree and having not less than five years teaching experience out of which three years shall be after obtaining Ph.D. Degree and having publication of research papers in refereed journals.(Two in case of Assistant and Associate Professor and Five in case of Professor).

OR

A person working at an institute/organization, in the private or public sector, with not less than ten years of experience as a scientist with Ph.D. Degree and having published at least five research papers in refereed journals.

Provided that in areas/disciplines where there is no or only a limited number of refereed journals, the above condition of publication of research papers in refereed journal may be relaxed by recording reasons in writing by the Board of Research constituted as per provision of section 59(2) of the Act.

However, notwithstanding anything to the contrary herein the persons who are already recognized as Ph.D. supervisors shall continue to be recognized as Ph.D. supervisors of the University although they are not working as regular Professors / Associate Professors / Assistant Professors of the University/Institution/College or have ceased to be working in an organisation recognised as the research centre of the University until last research scholar under him/her submits his/her Ph.D. thesis to the university or the period of registration of research scholar has expired, whichever is earlier.

**11. Permissible number of Ph.D. scholars under the supervisor.**

The maximum number of Ph.D. scholars who could be registered under a recognised Ph.D. supervisor shall be eight in case of a Professor, six in case of an Associate Professor and four in case of an Assistant Professor and other supervisors. While counting the maximum permissible number of Ph.D. scholars who could be registered under a particular supervisor his/her appointment as a co-supervisor shall also be taken into consideration. In addition to above the Ph.D. supervisor may be allotted 3 candidates for M.Phil programme if the supervisor is Professor; two candidates if the supervisor is Associate professor and one candidate if the supervisor is Assistant professor.

If the recognised Ph.D. supervisor of the university is also recognized Ph.D. supervisor in other university, the number of Ph.D. scholars registered under him/her in that University shall also be taken into account while allocating Ph.D. scholars to him so that at no point of time he/she has more than the permissible number of Ph.D. scholars registered under him under this Direction.

The candidates fulfilling the qualifications for registration for the degree of Doctor of Philosophy (Ph.D) in the faculty comprising of his/her subject shall have to apply to the centre of research recognized by the university in the subject concerned. On the basis

of application received from the candidate, he/she shall be allotted Supervisor working in that recognized research centre. After allotment of supervisor, the synopsis of the research work shall be prepared in consultation with the Supervisor. The said synopsis shall be approved by the Research Advisory Committee in that subject at the recognized research centre. After approval of the synopsis by the Research Advisory Committee, the candidate shall be eligible for making application for registration to the university.

**12. Research Advisory Committee: -**

- (a) **There shall be Research Advisory Committee (RAC) at every place of research which shall consist of:-**
- (i) **Head, University Teaching Department/ Director of the Institute of the University/ Principal of the College/Head of the Organisation which is recognised research centre of the University in the subject or a group of subjects comprised in each Board of studies (Ex-Officio Chairperson), provided he/she is having Ph.D. degree.**
  - (ii) **Two research supervisors in the subject or a group of subjects comprised in the Board of studies, nominated by the Vice-Chancellor (Members).**
  - (iii) **Recognised Research Supervisor of the Ph.D. Scholar. (Member).**
- (b) If the chairperson can not attend the meeting of the committee on the scheduled date, he / she shall nominate senior research supervisor in the department to chair the meeting of the committee as working chairperson. If no research supervisor is available in the Department / Institute of the University / conducted college / affiliated college/organisation which is a recognised research centre of the university in the subject or a group of subjects comprised in each Board of Studies, one senior person out of two research supervisors nominated by the Vice-Chancellor shall be preside as Chairperson.
- (c) The Research Advisory Committee shall meet as per the requirements at the place of research.
- (d) Research Supervisor of the Research Scholar shall attend the meeting as a member of the committee as and when candidate(s) under his/her supervision shall be called before the committee meeting for presentation of the research proposal and for periodical review.
- (e) Out of the two research supervisors nominated by the Vice-Chancellor one must be present in the meeting for transacting the business.
- (f) **The committees shall have following responsibilities: -**
- (i) to review the research proposal and finalize the topic of the research and
  - (ii) to periodically review and assist in the progress of research work of the research scholar.
- (g) A research scholar shall appear before the Research Advisory Committee once in every six months to make presentation of the progress of his/her work for guidance.

### 13. Allocation and change of Research Supervisor: -

- (a) There shall be a Research Supervisor Allocation Committee (the committee) at every research centre of the University. Such committee shall be constituted by the concerned Head of the Research Centre.
- (b) **The committee shall consist of: -**
  - (i) Head of the Research Centre who shall be ex-officio chairperson of the committee, provided the Head is having Ph.D. degree.
  - (ii) Two senior recognised Ph.D. Supervisors in the concerned subject (Members).
- (c) Head of the Research centre shall convene the meeting of the committee as per the schedule notified by the university.
- (d) The allocation of the Research Supervisor for an eligible research scholar shall be made by the committee taking into consideration the number of scholars already registered with the research supervisor, the specialization of the supervisors and research interest of the research scholar as indicated by him/her. While allotting the supervisor by the Research Supervisor Allocation Committee it shall bear in mind the requirement that the Ph.D. thesis can be submitted only after expiry of the period of thirty six months from the date of registration. Therefore, as far as possible the committee shall not allot to the candidate the supervisor who is due for retirement before expiry of the above said period of thirty six months.
- (e) Where the research topics indicated by the research scholar is of inter disciplinary nature, if the committee is of the opinion that the expertise at the research centre has to be supplemented from outside, then it shall appoint a research supervisor from the centre itself and a co-supervisor belonging to relevant other discipline of other discipline from other research centre within the jurisdiction of the University on such terms and conditions as may be specified and agreed upon by the two centres of research.
- (f) In case of relocation of a woman scholar due to marriage or otherwise, if no objection certificate is issued by the supervisor and Head, place of research, the research data shall be allowed to be transferred to the University to which the scholar intends to relocate, provided all other conditions of this Direction are complied with and the research work does not pertain to the project secured by the parent centre of research/supervisor from any funding agency. The research scholar, however will have to give due credit to the parent supervisor and the centre of research for the part of the research already done.
- (g) Where the allotted supervisor is not able to supervise the research scholar either due to death or disability of the supervisor, for whatever reason, the research scholar may apply to the Director, Board of Examinations and Evaluation, for change of the supervisor. The Director, may place the matter before R.R.C. which shall take and appropriate decision on the application. In other circumstances the R.R.C. may allow change of supervisor on submission of 'No Objection Certificate' from the supervisor and acceptance letter from the new supervisor. In case of voluntary change of supervisor, the candidate must work for the minimum period of twenty four months under new supervisor.

### 14. Procedure of Registration for Ph.D. Programme

- (i) After allotment of supervisor, as per the provisions of this Direction, an eligible applicant seeking registration for the Ph.D. programme shall apply for registration to the University, on line, in the prescribed format (**Annexure-I**) as per the schedule notified by the university. The hard copy of the on-line application form alongwith eight hard copies of the synopsis of the research proposal, duly signed by the allotted supervisor, the allotment letter from the research centre, fees maybe prescribed by the University from time to time, and supporting documents shall be submitted to the University, through the Head, place of research, on any working day of the University. Date of registration of his/her Ph.D. programme will be considered from the date of the Meeting



of the Research and Recognition committee. In case any deficiencies are observed by the Ph.D. section of the University in the application for registration, it would be notified by the University before the date of Research & Recognition Committee. The candidate shall remove the deficiencies, the meeting of R.R.C. where deficiencies shortcomings in the research proposal of the candidate are pointed out by the R.R.C., the same shall be communicated to the candidate if the candidate removes the deficiencies/shortcomings within 30 days from the date of the communication the date of registration shall be the date of the meeting of the R.R.C. where, however the candidate remove the deficiencies within a period of six months but after the period of 30 days. The date of registration of Ph.D. programme shall be deemed to be the date on which the deficiencies have been fully removed. On failure of the candidate to remove the deficiencies within six months from the date of above said communication of the University, the application for registration shall be deemed to have lapsed and the candidate shall be required to apply a fresh for registration. The University shall not be liable to the candidate for the lapse of his application for registration under this clause.

- (ii) Every application for registration shall be placed for consideration before the Research and Recognition Committee of the concerned subject or group of subjects, constituted as per section 37(2)(a) of the Act. The Research and Recognition Committee (RRC) shall take decision either to accept or reject the research topic/title on the basis of the submitted synopsis and also the personal interview /presentation made by the candidate. The decision of the Research and Recognition Committee shall be final. After approval of the application by the RRC, the candidate shall be treated as a registered Ph.D. candidate. The concerned supervisor maybe invited during the interview/presentation by the candidate, if deemed fit by the RRC.
- (iii) After approval of application by the Research and Recognition Committee, the particulars of the candidate, topic/title of research work, research supervisor and place of work shall be displayed on the website of the University, as far as possible within a period of one month.
- (iv) Once a candidate has been registered for any Ph.D. programme of the University, he/she shall not be allowed to be continued or be registered simultaneously for any other degree/diploma/research programme of this or any other University in India or abroad. Similarly, the candidate registered for full time Ph.D. programme shall not accept any full time or part time employment. The breach of this condition shall result in automatic cancellation of his/her registration.

## 15. INTER DISCIPLINARY RESEARCH

- (i) An application for research in inter-disciplinary areas shall be referred to the Research and Recognition committee constituted under the Chairmanship of Pro Vice-Chancellor of the university as below :-
  - (a) All the Deans of the University;
  - (b) Four subject experts representing four faculties nominated by the Vice-Chancellor, in consultation with the Deans. Such experts shall be University Professors.
- (ii) The Inter-disciplinary R.R.C. may if it considers necessary co-opt any senior teacher with 15 years teaching experience preferably in the subject which is core area of research proposal, such co-opted member shall participate in the deliberation of the inter-disciplinary R.R.C. with respect to the relevant proposal.
- (iii) The Research Advisory Committee constituted at the level of the research centre shall form an opinion as whether the proposal received by it is related to research in the inter-disciplinary area and refer the proposal to the inter-disciplinary R.R.C.
- (iv) In case certain facilities of research do not exist in the jurisdiction of the University, the candidate may be permitted by the Supervisor and Head of the Place of Research work

to carry out his research work at an Institution recognized by any Statutory University or Central/State Government, outside the jurisdiction of the University.

#### 16. **PROGRESS REPORT**

Every registered candidate shall submit to the Director, Board of Examinations and Evaluation of the University, through supervisor, the progress report of his/her research work after every six months in the prescribed form, (**Annexure- II**). He/she shall appear before the Research Advisory Committee once in every six months after his/her registration for Ph.D. programme to make presentation of the progress of his/her work for evaluation and further guidance. The six monthly progress reports of each scholar shall then be submitted by the candidate through Head, place of research work to the Director, Board of Examinations and Evaluation.

#### 17. **TENURE OF REGISTRATION**

- (i) Registration for Ph.D. under this Direction, shall be valid for a period of six years from the date of registration. No extension in registration shall be granted in any circumstances. In no circumstances the extension in registration period shall be granted. However, a woman candidate and person with disability (more than 40 % disability duly certified by competent authority) may be allowed an extension of two years. In addition, the women candidates may be provided maternity leave/child care leave once in the duration of the Ph.D. Programme up to 240 days.
- (ii) No candidate who is registered for Ph.D. in the full time mode shall be allowed to submit his/her Ph.D. thesis unless minimum three years are completed from the date of his/her registration. Similarly no candidate who is registered for Ph.D. in the part time mode shall be allowed to submit his/her Ph.D. thesis unless minimum four years and six months are completed from the date of his/her registration. For counting the above said period of three years and four years & six months respectively, the time spent for the course work shall also be taken into consideration.

#### 18. **MODE OF Ph.D.**

There shall be two modes of doing Ph.D. research in the University i.e. Full time and Part time. Full time Ph.D. degree programme shall mean a programme pursued by the candidates who is neither in full time nor in part time employment of any government organisation or private and public enterprise and is devoting six hours a day at the place of research for such a study. The part time Ph.D. degree programme would mean a programme pursued by any candidate who is in some employment and is pursuing the programme by devoting at least five hundred clock hours in a year for the said study, at the place of research, to be certified by the concerned supervisor and Head of the place of research.

The candidate who has registered himself/herself as a full time candidate may subsequently opt for the part-time mode. The decision in this regard shall be taken by the concerned R.R.C.

#### 19. **CANCELLATION OF REGISTRATION AND ITS CONSEQUENCE: -**

- (a) **Cancellation of registration:** - The registration of a candidate for the Ph.D. programme may be cancelled in the following circumstances: -

- (i) **Voluntary Cancellation:** -

The candidate can opt for voluntary cancellation of his Ph.D. registration. In such event the application duly signed by the candidate and duly endorsed by the supervisor and Head of the Place of Research shall be submitted to the Director of Board of Examinations and Evaluations. The Director shall forward the application submitted by the candidate to respective R.R.C. for further necessary action. The registration shall stand cancelled from the date of his/her application.

(ii) **Cancellation for misconduct: -**

If a candidate after registration, during the course of research work, is found to be guilty of commissions and omissions amounting to misconduct like indiscipline, dereliction of duties, unbecoming behaviour, insubordination etc., related to his/her research and/or, at the place of research, the registration shall be cancelled by the relevant Research and Recognition Committee by way of punishment on receipt of report from the supervisor and the Head, Place of Research.

Provided that the Head, Place of research before submitting report to the University shall grant an opportunity to the candidate for submitting his explanation and shall conduct such enquiry as deemed necessary.

(iii) **Cancellation for unsatisfactory progress of research scholar in research work: -**

If the progress of the research scholar is unsatisfactory, the Research Advisory Committee shall record reasons for the same and suggest corrective measures. If the research scholar fails to implement those corrective measures, the committee may recommend to the Director, Board of Examination and Evaluation, with specific reasons for cancellation of the registration of the research scholar. The Director shall place the matter before the concerned R.R.C. which shall take an appropriate decision on the matter. If the decision of the R.R.C. to cancel registration of the candidate is approved by the Vice-Chancellor, the registration of the research scholar shall be cancelled.

(b) **Consequence of cancellation of registration: -**

Where the candidate whose registration for Ph.D. programme has been cancelled as above has received scholarship/financial assistance from funding agencies like UGC, CSIR, University etc., the amount so received shall be recovered from the candidate and shall be promptly returned by the candidate to the funding agency. Where the funding agency happens to be the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur an interest at the Rate of 18% may be charged by the University from the candidate. On failure to return the amount within a period of 3 months from the date of cancellation of the registration, the University may take appropriate steps for recovery of the said amount from the candidate.

(c) **Redressal of Grievances: -**

There shall be Grievance Redressal Committee consisting of the following members to address grievances of the research scholar, supervisors (including Co-Supervisor) and Head Place of Research: -

- (i) Pro Vice-Chancellor (Chairperson)
- (ii) Dean of the concerned faculty
- (iii) Nominee of the Vice-Chancellor
- (iv) The Head, Place of Research (If the complaint is by or against the Head or the Dean, he/ she shall not participate in the proceedings of the meeting of the committee as a member in such cases additional member/ s may be nominated by the Vice-Chancellor)

The Grievance Redressal Committee shall have the jurisdiction to hear and decide the dispute between the research scholar and his/her supervisor (including Co-supervisor) or between the research scholar and Head, Place of Research pertaining to admission in place of research, allotment of supervisor, demand of fee more than prescribed and any other similar dispute affecting the research of the research scholar.

The Committee after giving adequate opportunity of hearing to the concerned parties shall submit its report to the Vice-Chancellor as soon as possible. The Vice-Chancellor shall take decision on the report of the Committee by giving hearing to the concerned parties, if he considers it necessary. The decision of the Vice-Chancellor shall be final and binding on the parties.

**20. COURSE WORK FOR Ph.D. PROGRAMME: -**

- (a) All candidates admitted to M. Phil. or Ph. D. programme shall be required to complete prescribed course work within one year after registration for Ph.D. programme and within six months after admission to M.Phil programme.
- (b) The credit assigned to M.Phil. or Ph.D. course work shall be a minimum of 08 credits and a maximum of 16 credits
- (c) The course work shall be treated as prerequisite for M.Phil./Ph.D. preparation. A minimum of 4 credits shall be assigned to one or more courses on Research Methodology which could cover areas such as quantitative methods, computer applications, research ethics and review of public research in the relevant field, training, field work etc. Other courses shall be of advanced level preparing the students for M.Phil./Ph.D. degree.
- (d) A M.Phil./ Ph. D. scholar has to obtain a minimum of 55% of marks or its equivalent grade in the UGC 7-point scale (or an equivalent grade/CGPA in a point system wherever grading system is followed) in the course work in order to be eligible to continue in the programme and submit the dissertation / thesis.
- (e) Candidates already holding M.Phil. degree through entrance test and having done the course work as per UGC prescription shall be exempted from the course work on submission of the certificate of the course work.
- (f) The Course Work shall comprise Research Methodology, Quantitative Methods and Computer Application. It shall be divided in to three parts called C-1, C-2 and C-3. Detailed syllabus of C-1 (i.e. **Research Methodology**) shall be as given in **Appendix-1**. Course Work (C-2) shall be an **Audit Course**. The Content of C-2 shall be as per the requirement of the subject of the research concerned to be decided by the Research Supervisor of the Candidate. Course C-3 relates to Seminar and Reports as given in **Appendix-II**.
- (g) **Place of the Course Work:**

The Course Work C-1 and C-3 shall be conducted by the UGC-Human Resource Development Centre of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. It can also be organized by Post-graduate Teaching Departments of the University and also by the recognised places of research of the University, in consultation with the UGC-Human Resource Development Centre and prior approval of the University. Course Work (C-2) shall be an Audit Course to be organised at the Place of Research. It does not carry any mark and it has to be organised preferably after completion of Course Work C-1 and C-3. The completion of course work C-2 shall be certified by the supervisor and shall be forwarded by the Head, place of research to the University.
- (h) **Duration of the Course Work:**

The duration of the Course Works C-1 and C-3 shall be of 60 hours. Research Methodology (C-1) shall be of 40 contact hours (Eight hours per Unit) and shall carry maximum 80 marks i.e. 16 Marks per Unit. Course Work C-3 relating to Seminar and Report shall be of 20 contact hours and carry 20 marks.

(i) **Pattern of Examination:**

- (i) The examination pattern for Course (C-1) shall be objective i.e. multiple-choice question with maximum 80 marks. There shall be 40 questions each carrying two marks. The duration of the examination shall be 40 minutes.
- (ii) The mode of examination may be either computer based or by use of pen and paper.
- (iii) The minimum passing marks for examination of C-1 course shall be 44 for every incorrect answer one mark shall be deducted. A student failing to secure minimum passing marks can appear for re-examination in the next batch of the course Work at the same place where course work was done.
- (iv) Course C-3 relating to Seminar and Report shall carry 20 marks. A student shall be required to secure minimum 11 marks in this course.

21. **Plagiarism**

- (a) Before submission of thesis to the Ph.D. Cell of the University all the M.Phil/Ph.D. students shall submit the soft copy of their thesis to the In-Charge, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for detecting plagiarism. The In-Charge, University Campus Library, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur shall issue the certificate of no plagiarism to the candidate after processing the M.Phil/ Ph.D. thesis.
- (b) **The similarity checks for plagiarism shall exclude the following:-**
  - (i) All quoted work either falling under public domain or reproduced with all necessary permission and/ or attribution.
  - (ii) All references, bibliography, table of content, preface and acknowledgements.
  - (iii) All similarities of minor nature.
  - (iv) All generic terms, laws, standard symbols and standard equations.
- (c) If plagiarism is detected and reported by the incharge, university campus library, the candidate shall resubmit the thesis for plagiarism detection test. The candidate shall submit the thesis to the University only after he/she receives the No Plagiarism Certificate.
- (d) The candidate shall not be entitled to claim extension of time permissible for submission of his /her thesis on the ground that some time was consumed by him/her in obtaining the no plagiarism certificate under this clause.
- (e) The in-charge, University Campus Library, shall issue the requisite no plagiarism certificate, as far as possible, within the period of 30 days from the date of submission of the thesis.

22. **SUBMISSION OF THESIS:-**

**The Submission of thesis shall be on the following terms and conditions. :-**

- (i) Every candidate registered for Ph.D. programme in full time mode shall be allowed to submit his thesis only Thirty-Six months after the date of his registration. The candidate may submit the summary of his/her thesis thirty four months after the date of his/her registration.
- (ii) Every candidate registered for Ph.D. programme in part time mode shall be allowed to submit his thesis only fifty four months after the date of his registration. The candidate may submit the summary of his/her thesis fifty two months after the date of his registration.

- (iii) Every candidate (Full time as well as part time) shall submit the proof of completion of the course work (**Annexure-III**), the pre-submission seminar and publication of minimum one research paper relating to the topic of his/her research at the time and alongwith the summary of the thesis.
- (iv) At least three months before the date of submission of the summary of the thesis, each candidate shall give a pre-submission presentation. The presentation shall be made before the Research Advisory Committee constituted for the subject or a group of subjects and shall be arranged by the Head of the place of research work, on the request of the candidate duly endorsed by the supervisor. The presentation shall be attended by the Head, place of research work, the supervisor, other research supervisor or teachers in the related subject at the place of research work and other Ph.D. Researchers. The organization of the presentation should be duly certified by Head, place of research work and the research supervisor (**Annexure-IV**).
- (v) After suitably incorporating the feedback and comments suggested during the pre-submission presentation in the draft thesis, in consultation with the Research Advisory Committee, the candidate shall submit to the Director, Board of Examinations and Evaluations five copies of the summary of his/her thesis through his/her supervisor within three month from the date of presentation/ seminar.
- (vi) It shall be mandatory for the researcher to publish at least one research paper in refereed journal/ referred journal / peer reviewed journal / journal with ISSN or ISBN, relating to his/her topic of Ph.D. Research, and make two paper presentation in conferences /seminars before submission of the Ph.D. thesis for adjudication and the researcher shall submit an evidence for the same in the form of presentation certificate and reprint of published research paper.
- (vii) **The final thesis shall be presented in accordance with the following specifications:**
- (a) Five copies of the thesis in compact bound form along with a soft copy (CD), certificate of no plagiarism issued by Incharge, University Campus Library, through his/her supervisor and Head, place of research work.
  - (b) The paper used for printing shall be of A4 Size.
  - (c) Printing shall be in a standardized form on both sides of the paper and with minimum of one and- half spacing.
  - (d) A margin of one-and-a half inches shall be on the left-hand side.
  - (e) The title of the thesis, name of the university, name of the concerned subject in which thesis submitted (like Economics, Political Science, Physics, chemistry etc.) name of the concerned faculty, name of the candidate, name of the supervisor and co-supervisor (if any), month and year of the thesis submission shall be printed on the title page and the front cover. (For specimen see an **Annexure-V**)
- (viii) The thesis shall include a Certificate of the supervisor (**Annexure- VI**) and a Declaration by the candidate (**Annexure-VII**) that the work reported in the thesis has been carried out by the candidate himself/herself and that the material from other sources, if any, is duly acknowledged as well as an undertaking to vouch that there is no plagiarism & that the work has not been submitted for the award of any other degree / diploma of any other university or any other institution.
- (ix) The thesis shall be written in English/Marathi/Hindi, except where it relates to foreign or other Indian Languages. In the discipline of Science, Law, Engineering and Technology, Pharmaceutical Science the thesis shall invariably be written in English only.

## 23. APPOINTMENT OF REFEREES

- (i) On receipt of the copies of the summary of the thesis or summary and thesis, the same shall be placed before the relevant Research and Recognition Committee, as soon as possible, for recommending panel of referees, comprising not less than six referees, for evaluation of the thesis, in an alphabetical manner with their full addresses, e-mail addresses, telephone numbers, mobile numbers and pin codes for correspondence.

Provided firstly, that the RRC shall recommend the panel in such a way so as to include at least two referees within the State but out of the territorial jurisdiction of this University and at least four referees outside the state or outside the country, if available.

Provided secondly, that if the referees within the State are not available the panel shall be recommended so as to have all the referees outside the State of Maharashtra.

Provided thirdly, that if language of thesis is Marathi and referees are not available out of the state or outside the Country, the panel shall be recommended so as to have all six referees within the state of Maharashtra.

- (ii) The panel recommended by the Research & Recognition committee shall be placed before the committee constituted under section 48 (3) of the Maharashtra Public Universities Act, 2016, which shall approve the referees in order of preference for being finally approved and appointed by the Board of Examinations and Evaluation.

## 24. EVALUATION OF THE THESIS

- (i) The Ph.D. thesis submitted by the research scholar shall be evaluated by three examiners, one within the state of Maharashtra but outside the jurisdiction the University and one/two from outside the State of Maharashtra or the country (wherever available)
- (ii) After the candidate has submitted the copies of thesis and Board of Examinations has appointed category-wise referees, the Director Board Of Examinations and Evaluation shall, preferably within one week from the date of appointment of referees as per Para 24 above, request the first referee from each of the categories mentioned in proviso first of clause (i) of para 24 on the list to communicate within 30 days their willingness to examine the thesis. Copy of the summary of the thesis, submitted by the candidates, shall be sent to the referees along with the request letter. If the referee fails to convey his acceptance within 15 days, the office of the Ph.D. Cell shall send a reminder to the referee to send the acceptance letter immediately. If the referee fails to communicate his acceptance/ willingness within 30 days from the date of dispatch of the first invitation letter, the office of the Ph.D. Cell shall send the invitation letter to next referee in the category of the approved list. If the referee fails to convey his acceptance within 30 days, the office of the Ph.D. Cell shall send a reminder to the referee to send the acceptance letter immediately.
- (iii) Where the referee has accepted to examine the thesis, the office of Ph.D. Cell shall forward the thesis to him /her within one week after receipt of letter of acceptance and shall request the referee to submit the report within 45 days from the receipt of the thesis.
- (iv) The referees shall send their reports in the prescribed format to the Office of the Ph.D. Cell within forty-five days from the date of receipt of the thesis. If the referee fails to do so, the office shall send a reminder immediately after the expiry of the said period and request him / her to submit the report within thirty days. If the concerned referee fails to comply even within the extended period, the office shall cancel his/her appointment and invite the next referee from the category of approved list to evaluate the thesis.

OP

- (v) The evaluation reports received from all the three referees shall be opened simultaneously in presence of the Pro-Vice-Chancellor or an officer designated by him and shall be processed further as per the provisions of this paragraph.
- (vi) The candidate shall be declared eligible for appearing in open viva-voce test if all the three referees recommend the acceptance of the thesis. If two referees out of the three rejects the thesis the candidate shall be declared to be ineligible for award of the Ph.D. degree.
- (vii) If any one or more of the referees recommend revision of the thesis, then the candidate shall submit revised thesis (five copies) within 12 months from the date of the communication by the Office of Ph.D. Section and the revised thesis shall then be sent to the original examiner/s who suggested revision and be subjected to the process of evaluation and conduct of viva-voce test.
- (viii) If out of three referees, one recommends the acceptance of thesis, the second recommends rejection and third referee recommends revision then the following procedure shall be followed;
  - (a) The original thesis shall be sent to the next examiner (fourth) in order of preference of the same category for evaluation.
  - (b) The recommendation of referee for revision will be considered and thesis will be sent back to the candidate for revision who shall submit revised thesis (four copies) within 12 months from the date of communication by the Office of Ph.D. Cell. The revised thesis shall be sent back to the concerned referee who suggested revision for evaluation.
  - (c) If after following the procedure under (a) and (b) above, the thesis is accepted by all three examiners, then the candidate shall be declared eligible for appearing in the open viva voce test.
  - (d) If the fourth examiner recommends revision, the same procedure stipulated above shall be followed. If, however, the fourth examiner rejects the thesis the candidate shall be declared to be ineligible for the Ph.D. degree.
  - (e) After ascertaining that reports are favourable, the office of the Ph.D. Cell shall arrange the viva-voce and the defence of the thesis on the earliest date suitable to the external examiner as preference given by Pro Vice- chancellor and the Head, Place of Research work who will act as Chairperson. In case the Head of place of research work is not available, he shall nominate another research supervisor as Chairperson for the defence. The office of the Ph.D. Cell shall make the reports available to the Head of Place of research work/ Chairperson a day before the date of the viva-voce. In case of any difficulties, the Dean of the concerned faculty shall take appropriate decision.
  - (f) The supervisor of the candidate shall be the internal referee only for open viva-voce and defence.

**25. VIVA-VOCE AND OPEN DEFENCE OF THE THESIS :-**

- (a) The day, date, time and the place for the viva voce and the open defence of the thesis shall be notified by the Office of the Ph.D. Cell preferably eight days in advance. Normally the viva voce and the open defence of the thesis shall be arranged in the University's place of research (PGTD Departments). However, in exceptional cases, the Vice-Chancellor may permit the viva-voce and open defence to be conducted at a place of research approved by the University.
- (b) The open defence of the thesis shall take place in presence of supervisor (internal referee), one external examiner and the Head, place of research work who shall jointly evaluate the performance of the candidate. Such open defence viva voce examination shall be open to be attended by members of Research Advisory Committee, faculty



members, research scholars and other interested experts, researcher and/or the P.G. students. In case of any difficulty, Dean of the concerned faculty shall take the appropriate decision.

- (c) If the external referee is unable to be present at the time of the viva-voce and open defence, the Vice-Chancellor, on the recommendation of the supervisor and the Dean of the concerned faculty, shall appoint a senior research supervisor to act as an external referee for the viva-voce and open defence of the thesis. In case the internal referee is not available, the Vice-Chancellor shall appoint one of the senior research supervisors as an internal referee, on the recommendation of the Dean of the concerned faculty and the Head, place of research work.
- (d) The referees present for the viva-voce and the open defence of the thesis shall submit to the office of the Ph.D. Cell their final report in written form duly signed by them, immediately after the viva-voce and open defence is over, along with the copy of the thesis, through the Chairperson of the Viva-voce and open defence, about the award of Ph.D. Degree. The office of the Ph.D. cell shall place the reports of the referees and also the report of the viva-voce and open defence of the thesis before the Board of Examination and Evaluation for its acceptance.
- (e) In case the viva-voce and open defence is not satisfactory the referees may unanimously recommend, with reasons that a fresh viva-voce and open defence of the thesis be organized within a period of not less than one month. If the viva-voce and open defence is still not-satisfactory the committee would record the reasons for the same and refer the matter to the Board of Examinations and Evaluation for consideration and appropriate decision.
- (f) The result shall be officially declared by the office of the Ph.D. Cell within eight days from the date of decision of the Board of Examination & Evaluation accepting the reports placed before it.

**26. CERTIFICATION:**

The University may on demand of the candidate issue a certificate signed by Dean of the concerned faculty certifying that the Ph.D. research has been done in accordance with the UGC Regulations, 2016, issued by the UGC as per the Notification dated 5<sup>th</sup> May, 2016 and published in Gazette of India on 5<sup>th</sup> July, 2016.

27. The Ph.D. degree shall be conferred on the candidate in the ensuing convocation of the university under the signature of the Vice-Chancellor

**28. DEPOSITORY WITH UGC :-**

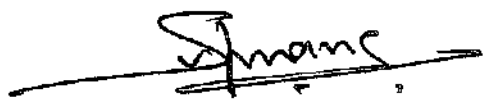
Following the successful completion of the evaluation process and announcements of the award of Ph.D. Degree, unless the researcher and or the research supervisor has lodged their objection at the time of submission of his/her thesis, the University shall submit an electronic copy of the Ph.D. thesis to the UGC, within a period of thirty days, for hosting the same in INFLIBNET accessible to all Institutions/Universities.

**29. SAVING CLAUSE:**

Notwithstanding anything contained herein, all cases in which registration has been already granted, the same shall continue to be governed by the respective Ordinances and Directions. The procedure of submission of thesis and evaluation shall be governed by the said Ordinances/Directions.

Place :- Nagpur

Date : 26-11-18

  
(Dr. Sidharthavinayak P. Kane)  
Vice-Chancellor

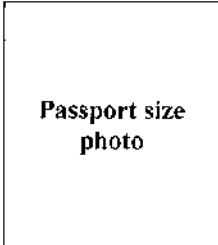


Registration fee: Rs. 1000/-

Faculty of \_\_\_\_\_  
Subject: \_\_\_\_\_

**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

“(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016.(Mah. Act. No. VI of 2017)”



**APPLICATION FORM FOR REGISTRATION AS A RESEARCH STUDENT FOR THE  
DEGREE OF DOCTOR OF PHILOSOPHY IN THE FACULTY OF \_\_\_\_\_  
SUBJECT \_\_\_\_\_**

This form must be submitted to the controller of Examinations, Rashtrasant Tukadoji Maharaj Nagpur University, through the Supervisor and Head of Place of Research where proposed research is carried out, so as to reach him on or before 15<sup>th</sup> July/ 15<sup>th</sup> January.

To,

The Controller of Examinations,  
Rashtrasant Tukadoji Maharaj  
Nagpur University, Nagpur.

Sir/Madam,

I hereby apply for being registered as a research student for the degree of Doctor of Philosophy (Ph.D.) in the Faculty of \_\_\_\_\_ Subject \_\_\_\_\_ of the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

The required fee of Rs. \_\_\_\_\_ has been paid in the University account on date \_\_\_\_\_ vide receipt No. \_\_\_\_\_, (A copy of the receipt is enclosed herewith)

- 1) Name in Full : \_\_\_\_\_  
(In Block Letters) Surname Middle Name First Name
- 2) Name of Mother : \_\_\_\_\_
- 3) Name of Father/Husband : \_\_\_\_\_
- 4) Date of Birth : \_\_\_\_\_  
(In words \_\_\_\_\_)
- 5) Permanent Address : \_\_\_\_\_

6) Address for Correspondence :

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone No. : \_\_\_\_\_ (M) \_\_\_\_\_

(E-mail) \_\_\_\_\_

7) Marital Status: (Married/ Single)

\_\_\_\_\_

8) Religion :

\_\_\_\_\_

9) Nationality :

\_\_\_\_\_

10) Caste :

\_\_\_\_\_

11) (a) Whether belong to backward class: Yes/ No

\_\_\_\_\_

(b) If yes SC/ST/OBC/VJ/NT/SBC Specify category

\_\_\_\_\_

12) Mother Tongue :

\_\_\_\_\_ Languages Known \_\_\_\_\_

13) Name of the University from where qualifying degree has been obtained:

\_\_\_\_\_

\_\_\_\_\_

14) College last attended :

\_\_\_\_\_

15) Enrolment Number, if passed from R.T.M. Nagpur University:

\_\_\_\_\_

16) Details of Examination passed:

Examina- -tion passed	University	Year	Subject offered	Divisio n	Aggregate Marks	Percentage/ grade

17) Are you employed? Yes/No :

\_\_\_\_\_

(a) Designation :

\_\_\_\_\_

(b) Address of office :

\_\_\_\_\_

\_\_\_\_\_

- 18) Subject (Relating to the Board of Studies in the Faculty) : \_\_\_\_\_
- 19) Topic of Research : \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- 20) Name and address of the Department/ Institution where the proposed research is to be carried out : \_\_\_\_\_  
 \_\_\_\_\_
- 21) Name, designation and address of the allotted Supervisor under whose supervision the proposed research is to be prosecuted  
 \_\_\_\_\_  
 \_\_\_\_\_
- 22) Recognition number of Supervisor : \_\_\_\_\_
- 23) Whether the Ph.D. Entrance Test conducted by this University passed: Yes/No  
 If yes please give details :
- (a) Roll Number : \_\_\_\_\_
- (b) Percentage obtained : \_\_\_\_\_
- 24) Whether the candidate is exempted from Entrance Examination: Yes/ No  
 If yes, please give details : \_\_\_\_\_  
 \_\_\_\_\_
- 25) List of documents enclosed : \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Place : \_\_\_\_\_  
 Date : \_\_\_\_\_

(Signature of the Candidate)

(Signature of the Supervisor/Co-Supervisor)

#### INSTRUCTIONS:

- 1) True copies of the mark-list/degree (with verification Certification) certificate must be attached
- 2) Candidate who has passed the qualifying examination from any University other than Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur should submit an original eligibility certificate from Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.
- 3) If the Candidate belonging to the Backward Community, copy of caste/validity certificate must be enclosed. (wherever is essential a copy of Non- creamy layer certificate is also enclosed)
- 4) Incomplete application will be rejected under any circumstances.



## UNDERTAKING

I promise to abide by the provisions of Direction, rules and regulations issued in this regard from time to time and discipline of the University and read the above mentioned instructions carefully.

(Signature of the Candidate)

## ENDORSEMENT OF THE SUPERVISOR

- 1) I am willing to supervise the research work of the applicant. The proposed subject of research and the outline enclosed herewith have my approval
- 2) The subject of research refers to the Board of Studies in \_\_\_\_\_ in this Faculty of \_\_\_\_\_
- 3) The number of students already registered to work under my supervision is \_\_\_\_\_
- 4) I have been recognised / not been recognised as a research supervisor by the University vide No. \_\_\_\_\_

(Signature of the Supervisor/ Co-Supervisor)

## ENDORSEMENT OF THE HEAD OF PLACE OF RESEARCH

Forwarded and recommended. Necessary facilities available in this Department/ Institution will be provided to the applicant.

Date:

Head of the Place of Research



ANNEXURE-II

Faculty of \_\_\_\_\_  
Subject: \_\_\_\_\_

**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

“(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016.(Mah. Act. No. VI of 2017)”

**PROGRESS REPORT**

To,  
The Director (Board of Examinations and Evaluation)  
Rashtrasant Tukadoji Maharaj Nagpur University  
Nagpur

Subject: Progress report for the period from \_\_\_\_\_ to \_\_\_\_\_.

Sir/Madam,

I am submitting the submitting the progress report of Ph.D. research for the duration cited under the subject above as follows :

- 1) Name of the Research Student : \_\_\_\_\_
- 2) Name of Research Supervisor : \_\_\_\_\_
- 3) Date of Registration for Ph.D. Degree : \_\_\_\_\_
- 4) Place of Research Work : \_\_\_\_\_
- 5) Title of Research work : \_\_\_\_\_

- 6) Details in respect of Research work carried out during above mentioned period :  
\_\_\_\_\_  
\_\_\_\_\_

Signature of the Supervisor

Forwarded by Head/Principal/Director  
(Place of Research)



ANNEXURE-III

Faculty of \_\_\_\_\_  
Subject: \_\_\_\_\_

**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

“(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016.(Mah. Act. No. VI of 2017)”

**COURSE WORK COMPLETION CERTIFICATE**

I \_\_\_\_\_ hereby certify  
that the course work on research methodology, quantitative method of computer application, seminar  
review of published research work in the relevant field for a minimum period of one semester or a term  
of half year as per Direction has been completed satisfactorily by

Signature of the Supervisor

Head/Principal/Director  
of the Place of Research





**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

“(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016.(Mah. Act. No. VI of 2017)”

**CERTIFICATE OF Ph.D. THESIS PRE SUBMISSION SEMINAR FOR ALL FACULTIES**

certify that Shri /Smt./ Ku. \_\_\_\_\_ has presented Ph.D. thesis pre-submission seminar on the work of his/her Ph.D. in the subject -----  
Under the faculty of ----- on -----  
----- the ----- at -----  
(day) (Date) (Time)  
at the -----  
(Name of the Department/College/Institution)

**Following persons were present in the seminar**

	Name	Signature
1.	Recognised Supervisor (at the centre)	-----
2.	Recognised Supervisor	-----
3.	Recognised Supervisor (at the centre)	-----
4.	(Teacher at the centre)	-----
5.	(Teacher at the centre)	-----
6.	(Ph.D. Student)	-----
7.	(Ph.D. Student)	-----
8.	(Ph.D. Student)	-----

**Suggestions**

-----  
-----  
-----

Date (-----)  
R.A.C. Chairperson

(-----)  
R.A.C. Member R.A.C. Member R.A.C. Member & Supervisor

(Note : The candidate should submit a copy of this “Ph.D. thesis pre submission seminar” document before submission the of Ph.D. thesis.)

**FRONT /COVER PAGE OF THESIS**

- 1) The colour of the cover of the thesis should be black
- 2) The name of the candidate should mention on the top side cover of Ph.D. Thesis
- 3) Title of the Thesis (In Block Letters)
- 4) Faculty
- 5) Subject
- 6) Name of Supervisor/Co-Supervisor
- 7) Date of thesis submission

Date \_\_\_\_\_ Month \_\_\_\_\_ Year \_\_\_\_\_

*S*

**CERTIFICATE**

This is to certify that the work presented in this thesis entitled :

“ \_\_\_\_\_  
\_\_\_\_\_” is the own

work of Shri /Smt./Ku. \_\_\_\_\_ conducted in  
Department / Institute / College of \_\_\_\_\_ under my  
supervision. This work has not been submitted earlier to any University/ Institution for any diploma or  
degree.

Date:

(Name & Designation with Signature of Supervisor)



**DECLARATION/UNDERTAKING**

I hereby declare that the work presented in this thesis entitled :

“ \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_” was

carried out b y me under the supervision of \_\_\_\_\_  
from \_\_\_\_\_ to \_\_\_\_\_. This work which or any part of this work is based  
on original research and has not been submitted by me to any University/ Institution for the award of  
any diploma or degree.

Date:

(Name with Signature of Candidate)

