



RASHTRASANT TUKADOJI 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 Public Universities Act, 2016 (Mah. Act No. VI of 2017)

FACULTY OF SCIENCE AND TECHNOLOGY

DIRECTION NO. 26 OF 2023

**Admission and Examination leading to the POST GRADUATE DIPLOMA IN
FORENSIC SCIENCE AND RELATED LAW (Credit Based Semester pattern)
Direction 2023**

Whereas the Maharashtra Universities Act, 2016 is made applicable to the University w.e.f. 1st March 2017 (hereinafter referred to as the Act);

AND

Whereas, the Higher & Technical Education Department, Government Resolution No. NGC-2011/ (20/11) M. Shi-4 dated 22nd July 2011, issued the orders to start the course of One Year Post Graduate Diploma in Forensic Science and Related Law from the academic session 2011-12.

AND

Whereas, the respective Ad-hoc Board of Studies in the Faculty of Science in its meeting held on 02-03-2019 vide item No. 1 have approved the syllabi and scheme of examination for the One Year Post Graduate Diploma in Forensic Science and Related Law, **Credit Based Semester pattern** in the university from the academic session 2022-23 in the Faculty of Science, in terms of the norms as prescribed by U. G. C.

AND

Whereas, the Vice Chancellor has accepted the recommendations of Ad-hoc Board of Studies in Forensic Science in the Faculty of Science and on behalf of the Academic Council and Management Council under Section 12(7) of the M.P.U. Act, 2016.

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, during execution, certain ambiguity was identified in the clauses with respect to the standard of passing and eligibility criteria for admission to the said course, and needs immediate intervention to rectify it for proper execution of the course herein after 2022-23.

AND

Whereas, Direction No. 6 of 2013 was issued by the Vice-Chancellor on 28.3.2013 which could not have been converted into the Statute/Ordinance/Regulations within six months and is required to be renewed for regulating the matter involved in the said Direction.

AND

Whereas, the Vice-Chancellor under Sec 12(7) of the Act constituted a Special Task Committee in Forensic Science under the Faculty of Science and Technology in its meeting dated 20.12.2022 regarding the revision of Syllabus & Examination Scheme and Draft Direction in Post Graduate Diploma in Digital and Forensics and Related Law, Post Graduate Diploma in Forensic Science and Related Law and M.Sc. Forensic Science, has approved and finalised the changes in this Direction.

AND

Whereas, the framing of an ordinance as required under provision of the Act is a time-consuming process and there is an urgency to regularise the P.G Diploma in Forensic Science and related Law

Now, therefore, Dr. Subhash R. Chaudhari, the Vice Chancellor of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in exercise of the powers conferred under provision of section 12(8) of the Maharashtra Public Universities Act, 2016, do hereby issue the following direction:

1. This Direction shall be called "Direction Governing the Examination leading to the P.G Diploma in Forensic Science and related Law, (Credit Based Semester pattern) in the Faculty of Science and Technology,
2. The duration of the course P.G. Diploma in Forensic Science and related Law shall be of One years consisting of two semester with University examinations at the end of each semester namely:
 - a. P.G. Diploma in Forensic Science and related Law Semester I Exam.
 - b. P.G. Diploma in Forensic Science and related Law Semester II Exam.
3. The theory examination of Semester-I, and II shall be conducted by the University and shall be held separately at the end of each semester at such places and dates as may be decided and notified by the University.
4. **ELIGIBILITY TO THE COURSE:**
 - a. The student seeking admission to this course should have the eligibility: Bachelor Degree in Science, Law, Medical Sciences and Pharmacy with passing percentage 45 for open and 40% for reserved category candidates.
 - b. Candidates from other than Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur will have to obtain eligibility certificate from this University.
 - c. Intake Capacity: 40 (Reservation as per State Government Norms)

5. EXAMINATION TO THE COURSE:

- (a) Students who have fulfilled the eligibility criteria as mentioned in para 4 have been admitted to this course in Semester II are eligible for Semester I examination
- (b) The examination pattern will be as follows.
- i) **Semester Examination:** The examinations shall be held twice every year at the places and on the dates prescribed by the university.
 - ii) **Viva -Voce Examination-**The Viva-Voce shall be held at the end of II semester on completion of Research Project for which external examiner shall be appointed for conduction of Viva -Voce on such date as fixed by the university.
 - iii) **About Project Work** Every student shall submit three copies of the project report (typed and properly bound) for the Second Semester to the University at least one month prior to the commencement of the final practical examination through the Head of the Department/ Centre / the Principal of the college concerned along with the certificate signed by the supervisor and declaration by the candidate towards original work which is not submitted to any university or organization for award of the degree. The scheme/ guidelines for the students and supervisors regarding Project Work Report are given in **Appendix III**
- (d) Without prejudice to other provisions of Ordinance no. 6 relating to the examination in general, provisions of Para 5, 8, 9, 10, 26, 31 and 32 of the said ordinances shall apply to every student admitted to this course.

6. Teachers Qualifications:

As per the U.G.C./State Government norms and experts from Forensic Science and related/relevant field and related industry with minimum 3 years of experience.

7. Fee Structure:

- I. **Tuition Fee:** The tuition fee for the said course will be decided by the State Government for the Government Institutions whereas the fees will decide by the University for the affiliated colleges.
- II. **Examination Fee:** The examination fee for the said course will be decided by the University.


8. (a) The scope of the subjects shall be as prescribed in the syllabus.
(b) The medium of instruction and examination shall be in English
(c) Examinee shall have to write answer in English.

9. The number of papers and maximum marks assigned to each paper and minimum marks/grade, an examinee must obtain in order to pass the examination shall be as prescribed in Appendix-I, Appendix-II appended with this Direction.



10. The examinee at each of the examination shall have option of not being declared successful at the examination in case he/she does not secure a minimum of grade equivalent to 40% marks at the examination. This option will have to be exercised every time the application is submitted to any of the examinations. Once this option is exercised, the option shall be binding on the examinee and it shall not be evoked in under any circumstances. A candidate who fails to secure 40% in subject/paper will be allowed to reappear in that subject/paper.
11. The classification of the examinee successful at the semester and examinations and at the end of final semester examination shall be as per the rules and regulations of credit based semester pattern as prescribed in **Appendix IV**, appended with this direction.
12. The provisions of Ordinance no. 3 of 2007 for the award of grace marks for passing an examination, securing higher grade in subject(s) as updated from time to time shall apply to the examination under this Direction.
13. The names of the successful examinee passing the examination as a whole in the minimum prescribed period and obtaining prescribed number of places securing the grades equivalent to first and second division shall be arranged in order of merit as provided in ordinance 6 relating to examination in general.
14. No candidate shall be admitted to an examination under this Direction, if he/she has already passed the same examination of this University or of any other University.
15. Award of Diploma: A successful examinee shall be awarded Post Graduate Diploma in prescribed form signed by the Vice-Chancellor of the University.
16. With the issuance of this Direction No of 2023, the Direction No. 6 of 2013 shall stand repealed.

Date: 30/6/23
Nagpur


(Dr. Subhash R. Chaudhari)
Vice-Chancellor



Examination leading to Post Graduate Diploma in Forensic Science and Related Law Scheme of Teaching and examination under semester pattern Choice Based

**Appendix I
POST GRADUATE DIPLOMA IN FORENSIC SCIENCE AND RELATED LAW
SEMESTER-I**

Sr. No.	SUBJECT CODE	Theory/Practical	Teaching Scheme (Hrs/week)				Examination Scheme					
			Theory	Practical	Total	Credits	Exam Duration	Marks Max		Total Marks	Minimum Passing Marks	
								External Marks	Internal Marks		Th	Pr
1	PGDF 1T1	Basics of Forensic Science & Crime Scene Management-I	4		4	4	3	80	20	100	40	
2	PGDF 1T2	Forensic Science and its Application in Crime Investigation-I	4		4	4	3	80	20	100	40	
3	PGDF 1T3	Trends in Forensic Science-I	4		4	4	3	80	20	100	40	
4	PGDF 1T4	Criminal Justice System and the Laws-I	4		4	4	3	80	20	100	40	
5	PGDF 1P1	Practical		8	8	4	6	80	20	100		40
		Grand total	20	32#	48#	20	24	400	100	500	160	40

Note:# for four batches

1 Minimum passing marks in Theory [External +Internal] combined will be 40 %.

2 Minimum passing in Practical [External +Internal] combined will be 40%

Appendix II
POST GRADUATE DIPLOMA IN FORENSIC SCIENCE AND RELATED LAW
SEMESTER-II

SEMESTER-II												
Sr. No.	SUBJECT CODE	Theory/Practical	Teaching Scheme (Hrs/week)			Credits	Examination Scheme					
			Theory	Practical	Total		Exam Duration	Marks Max		Total Marks	Minimum Passing Marks	
								External Marks	Internal Marks			Th
1	PGDF 2T1	Basics of Forensic Science & Crime Scene Management-II	4		4	4	3	80	20	100	40	
2	PGDF 2T2	Forensic Science and its Application in Crime Investigation-II	4		4	4	3	80	20	100	40	
3	PGDF 2T3	Trends in Forensic Science-II	4		4	4	3	80	20	100	40	
4	PGDF 2T4	Criminal Justice System and the Laws-II	4		4	4	3	80	20	100	40	
5	PGDF 2P1	Project Work		8	8	4	6	80	20	100		40
		Grand total	16	32#	48#	20	18	400	100	500	160	40

Note:# for four batches

1 Minimum passing marks in Theory [External +Internal] combined will be 40 %.

2 Minimum passing in Practical [External +Internal] combined will be 40%

Appendix III
Project Work Scheme
Guidelines for the Students, Supervisors and Examiners

Every student is required to carry out **Project Work** (semester II) on a related research topic of the subject/course. It must be an original work. On the basis of this work, student must submit the Project Report (typed and properly bound) in three copies at least one month prior to commencement of the final Practical Examination of Semester II.

The project report shall comprise of Introduction, Review of literature and Methodology, Results, Discussion, Summary, Conclusions and References along with the declaration by the candidate that the work is original and not submitted to any University or Organization for award of the degree and certificate by the supervisor and forwarded through Head/Course-coordinator/Director of the Department/Centre or the Principal of the College. The supervisors for the Experimental project work shall be from the following. A person selected by the duly constituted selection committee in the relevant subject and approved by the University, exclusively for P. G. Course.

The Scheme of Examination shall be as per Appendix (Semester pattern).

However, the Scheme of Examination reflects the basic structure of Theory, Practical Training and Project Work. The details/title of the theory papers can be suitably modified in future considering the need of the subject without disturbing the main structure.

Practical Training and Project work:

The Practical Training shall be assessed by the external examiner and the internal examiner. The project work shall be assessed by the project guide as an internal examiner. However, final marks shall be awarded by external examiner. The examiners will evaluate the Experimental Project Work taking into account the 1) Coverage of subject matter, 2) Arrangement and presentation 3) Reference and 4) Critical application and original experimental contribution of the candidate. Every student is required to carry out Experimental/Field Based Project Work on related topic of the subject/course. On the basis of this work, student must submit the Project Report (Typed and properly bound) in two copies at least one month prior to commencement of the final Practical/Lab Examination of Semester

OR

A person selected by the duly constituted selection committee of the University approved by the University and appointed as a full time regular teacher with Masters Degree at U. G. Level in the relevant subject and having at least 10 years teaching experience.

OR

A person selected by the duly constituted selection committee of the University approved by the University and appointed as a full time regular teacher with Ph. D. Degree at U. G. Level in the relevant subject and having at least 5 years teaching experience.



Appendix-IV

General Rules and Regulations

A) Pattern of Question Paper

1. There will be four units in each paper.
2. Each of the four units having equal weightage of 20 marks.
3. Question paper will consist of five questions.
 - i. First four questions will be one from each unit and will carry 15 marks. Each question will have internal choice.
 - ii. Fifth question will be from all four units one from each unit and will carry 5 marks
4. Maximum marks of each paper will be 80 and 20 internal.
5. Examination of Each paper will be of 3 hours duration.

B) Instructions for teaching

- i. The students shall be required to participate in educational/Industrial tour during course.
- ii. Each theory paper is supposed to cover minimum 15 clock hours per unit) of teaching.
- iii. One credit course of theory will be of one clock hour of 25 marks; hence four credit course of theory will be of four clock hours per week of 100 marks running for 15 weeks.
- iv. Practical and project work will be given 4 credits each and will consist of eight hours of laboratory exercise of 100 marks running for 15 weeks.

C) Grade Point Average (GPA) and Cumulative Grade Point Average (CGPA)

On clearing a paper, based on cumulative score (out of 100) in that paper, a student will be given grade point average (GPA) (Maximum of 10 and minimum of 4) for that paper on the following basis.

Sr. No	Letter Grade	Grade points	Mark range	Performance
1	O	10	Above 90 upto 100	Outstanding
2	A+	9	Above 80 upto 90	Excellent
3	A	8	Above 70 upto 80	Very Good
4	B+	7	Above 60 upto 70	Good
5	B	6	Above 50 upto 60	Above Average
6	C	5	Above 45 upto 50	Average
7	P	4	40 to 45	Pass
8	F	0	Below 40	Fail
9	AB	0	Absent	Fail

On clearing all the papers in a semester, a student will be allotted a **Semester Grade Point Average (SGPA)** for that particular semester. As the pattern given above does not have differential weights for papers, the SGPA of a student for a particular semester will be the average of the GPA's for all the papers.

3) A student will be allotted a **Cumulative Grade Point Average (CGPA)** after clearing



all the two semesters. Again as there is no differential weight system for semesters, the CGPA of a student will be the average of the two SGPA's of that student.

The CGPA can be converted to the usual / conventional divisions in the following way.

a. A student failed to score minimum 40% marks in each head of passing and in aggregate shall be given F grade.

b. Student with F grade in a course would be granted credit for that course but not the grade for that course.

c. Grade points earned in each paper shall be calculated as – Grade points obtained (vide above table) x Credits for the paper.

d. The formula for GPA will be based on Average. The final GPA will not be printed unless a student passes courses equivalent to minimum Credits.

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

a. The marks will be given in all examinations which will include the college assessment marks, and the total marks for each Theory/ Practical shall be converted into Grades as per above Table. SGPA shall be calculated based on Grade Points corresponding to Grade as given in above Table and the credits allotted to respective Theory / Practical shown in the scheme for respective semester.

b. SGPA shall be computed for every semester as per following formula

$$\text{SGPA} = \frac{C1 \times G1 + C2 \times G2 + \dots + C_N \times G_N}{C1 + C2 + \dots + C_N}$$

Where

C1 = Credit of individual Theory / Practical

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

and CGPA shall be computed only in II semester. The CGPA shall be calculated based on SGPA of two semesters as per following computation:

$$\text{CGPA} = \frac{(\text{SGPA}) \text{ I} \times (\text{Cr}) \text{ I} + (\text{SGPA}) \text{ II} \times (\text{Cr}) \text{ II}}{(\text{Cr}) \text{ I} + (\text{Cr}) \text{ II}}$$

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;

8. Formula for equivalent in percentage:

$$\text{Equivalent \%} = (\text{CGPA} \times 10)$$

(C) Declaration of results ; Award of the diploma; Grace marks ;Rules of Promotion (ATKT Rules)

- i. While declaring the result, the existing relevant ordinances are applicable. For verification and revaluation existing rules will be applicable.
- ii. A successful examinee shall be awarded Degree in the prescribed form signed by the Vice-Chancellor of the University.

- iii. The ATKT rules for admission for Course (Theory and Practical as separate passing head) shall be as given in the following Table

Admission to Semester	Student should Appear in the Examination	Student should have passed in all the subjects of the following examination of R.T.M. Nagpur University	Student should have passed at least 50% of the passing heads of the following examinations
Semester I	-----	As provided in the para 4 (a) of the Direction	-----
Semester II	Sem-I	For regular students	Sem- I

- iv. The candidate may take all the examinations as per the provisions of ATKT simultaneously but his/her result of final semester shall not be declared unless he/she is declared successful at lower examinations.
- v. Without prejudice to the provisions of this Direction the provisions of other Ordinances/Directions of the University regarding conduct of and eligibility to appear in the examinations, award of grace marks for passing the examination securing higher division securing distinction in any course; convocation and award of P.G. Diploma shall be applicable to all the candidates admitted to the P.G. Diploma programme governed by this Direction.
- vi. Notwithstanding anything to the contrary in this Direction no person shall be admitted to any examination conducted under this Direction, if he/she has already passed the said examination or an equivalent examination of any other statutory University
- vii. If the examinee failed to pass the post graduate programme within one successive years (for two semester diploma) from the date of her first admission to particular P.G.Diploma he/ she shall be declared as -Not fit for the Course (NFC) and he/she will not be allowed to appear further for any previous examination of the course.

(D). Absorption / Matching Scheme:

- While switching over to New Course Semester Pattern, the failure students of Old Course yearly Pattern will be given five chances to clear the examination.
- If the candidate fails to clear the examination after availing the four chances, he will have to appear for the examination as per New Course Semester Pattern.