

# राजीव गांधी प्रौद्योगिकी विश्वविद्यालय

(मध्यप्रदेश का तकनीकी विश्वविद्यालय)

एयरपोर्ट रोड, गांधीनगर, भोपाल (म.प्र.)-४६२०३३

फोन : ०७५५-२७३४६९३, २६७८८६७

फैक्स : ०७५५-२७४२००६

ईपीएबीएस : ०७५५-२६७८८६९, २६७८८६९

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# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

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क्रमांक: एफ-5/शैक्षणिक/रागाप्रौवि/2023/603

दिनांक: 18/01/2023

## अधिसूचना

राजीव गांधी प्रौद्योगिकी विश्वविद्यालय अधिनियम 1998 की धारा 40 की उपधारा 02 में उपलब्ध प्रावधान के अनुसार माननीय कुलाधिपति जी द्वारा दिनांक 20/12/2022 को नई राष्ट्रीय शिक्षा नीति 2020 के अन्तर्गत तैयार किये स्नातकोत्तर के नवीन अध्यादेश क्रमांक Ordinance 8(B) for "Degree in Master of Engineering/Technology/Master of Architecture" का अनुमोदन प्रदान किया गया है। यह अध्यादेश शैक्षणिक सत्र 2023-24 से प्रभावशील होगा।

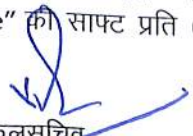
आदेशानुसार।

  
कुलसचिव  
राजीव गांधी प्रौद्योगिकी विश्वविद्यालय,  
भोपाल।

पृष्ठांकन क्रमांक: एफ-5/शैक्षणिक/रागाप्रौवि/2023/604  
प्रतिलिपि:-

दिनांक: 18/01/2023

01. महामहिम कुलाधिपति जी के उप सचिव, राजभवन सचिवालय, भोपाल की ओर नवीन अध्यादेश क्रमांक Ordinance 8(B) for "Degree in Master of Engineering/Technology/Master of Architecture" प्रति संलग्न कर सूचनार्थ प्रेषित।
02. प्रमुख सचिव, मध्यप्रदेश शासन, तकनीकी शिक्षा एवं कौशल विकास विभाग, मंत्रालय, भोपाल।
03. आयुक्त, तकनीकी शिक्षा संचालनालय, सतपुडा भवन, भोपाल।
04. कुलपति जी के निज सचिव, की ओर माननीय कुलपति जी के अवलोकनार्थ प्रेषित।
05. कुलसचिव जी के निज सचिव, की ओर कुलसचिव जी के अवलोकनार्थ प्रेषित।
06. संचालक (यू.आई.टी), राजीव गांधी प्रौद्योगिकी विश्वविद्यालय भोपाल।
07. समस्त विभाग प्रमुख यू.आई.टी. राजीव गांधी प्रौद्योगिकी विश्वविद्यालय भोपाल।
08. प्रभारी यू.आई.टी. शहडोल/झाबुआ/शिवपुरी राजीव गांधी प्रौद्योगिकी विश्वविद्यालय भोपाल।
09. सचिव पत्रोपाधि, रागाप्रौवि, भोपाल।
10. नियंत्रक (परीक्षा) राजीव गांधी प्रौद्योगिकी विश्वविद्यालय भोपाल।
11. नियंत्रक (वित्त) राजीव गांधी प्रौद्योगिकी विश्वविद्यालय भोपाल।
12. प्राचार्य, यूनिवर्सिटी पोलिटेक्निक राजीव गांधी प्रौद्योगिकी विश्वविद्यालय भोपाल।
13. विभागाध्यक्ष, स्कूल ऑफ इन्फार्मेशन टेक्नॉलॉजी/स्कूल ऑफ बायो टेक्नॉलाजी/स्कूल ऑफ फार्मस्यूटिकल साइंस/स्कूल ऑफ नैनो टेक्नॉलाजी/स्कूल ऑफ एनर्जी एण्ड इन्वायरमेंट मेनेजमेंट
14. प्रभारी ट्रेनिंग एण्ड प्लेसमेंट ऑफिसर, राजीव गांधी प्रौद्योगिकी विश्वविद्यालय भोपाल।
15. उपकुलसचिव, (अकादमी शाखा/पी.एच.डी.)
16. उपकुलसचिव, (केन्द्रीय भंडार/लीगल)
17. उपकुलसचिव, (उपाधि/प्रशासन)
18. प्रभारी केन्द्रीय पुस्तकालय, राजीव गांधी प्रौद्योगिकी विश्वविद्यालय भोपाल।
19. अधिष्ठाता छात्र कल्याण, राजीव गांधी प्रौद्योगिकी विश्वविद्यालय भोपाल।
20. प्रभारी कन्या/बालक छात्रावास, राजीव गांधी प्रौद्योगिकी विश्वविद्यालय भोपाल।
21. प्रभारी, आई.टी.सेन्टर, राजीव गांधी प्रौद्योगिकी विश्वविद्यालय, भोपाल की ओर नवीन अध्यादेश क्रमांक Ordinance 8(B) for "Degree in Master of Engineering/Technology/Master of Architecture" की साफ्ट प्रति (ईमेल) इस आशय के साथ प्रेषित है कि कृपया इसे विश्वविद्यालय की वेबसाइट पर तुरन्त उपलब्ध करावें।

  
कुलसचिव  
राजीव गांधी प्रौद्योगिकी विश्वविद्यालय,  
भोपाल।

**RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA  
BHOPAL**

**Established under act No. 13 of 1998**

**Ordinance No. 8 (B)**

**(Under Section 40 (1))**

**Ordinance for degree in Master of Engineering/Technology/Master of Architecture  
(M.E./M.TECH./M.Arch.)**

**(For the Candidates admitted in 1<sup>st</sup> year on and after July, 2022)**

**(Under NEP 2020 )**

- 1.0** This ordinance shall be applicable to candidates admitted in First Year on & after 1<sup>st</sup> July 2022 in Master of Engineering/Technology/Master of Architecture.
- 1.1** The studies and examinations of M.E./ M.TECH./ M.Arch. course shall be on the basis of Marks- Cum - Credit system but semester wise and final evaluation shall be by grading system in accordance with the ordinance No. 30, "Credit Based Grading System" hereinafter referred as Ord.30.

**2.0 ADMISSIONS**

- 2.1** Every applicant for admission to M.E./M.Tech./M.Arch., first semester shall have passed B.E./B. Tech./B.Arch. or equivalent examination approved by the AICTE in appropriate branch with at least 55% marks in the aggregate. Candidates belonging to SC/ST categories will get relaxation as per the norms of State Government of Madhya Pradesh.
- 2.2** For full time courses applicants possessing valid GATE score shall be given preference over to those candidates who do not possess GATE score.
- 2.3** Full time sponsored and all part- time candidates, after passing the qualifying examination, must have at least two years of experience in the relevant field from recognized organizations.

- 2.4 The admissions to M.E./ M.Tech./ M.Arch. courses shall be governed by the rules of the Technical Education and Skill Development Department, Government of Madhya Pradesh, Bhopal and / or any other competent authority authorised by the State Government of Madhya Pradesh for this purpose.
- 2.5 The medium of instruction and examination shall be English throughout the course of study.

### 3.0 EXAMINATIONS

- 3.1 The Post Graduate courses in Engineering/Technology/Architecture leading to the Degree of Masters of Engineering / Technology/Architecture (M.E./M.Tech./M.Arch.) of the university shall be divided into four semesters in the case of full time courses and six semesters in the case of part time courses. Each semester would be approximately of six months duration including vacation/preparatory leave/examination/industrial training etc.
- 3.2 There shall be University Examinations at the end of each semester. These examinations shall be named as:
- (a) M.E./M.Tech./M.Arch. First Year  
-First semester -I semester  
-Second semester -II semester
- (b) M.E./M.Tech./M.Arch. Second Year  
-Third Semester -III semester  
-Fourth semester -IV semester
- (c) M.E./M.Tech./M.Arch. Third Year  
(Only for part time courses)  
- Fifth semester -V semester  
- Sixth semester -VI semester
- 3.3 The semester examination will generally be held in Nov-Dec. and April-May in each year.
- 3.4 Candidates appearing as regular students for any semester examination shall be required to attend at least 75% of lectures delivered and of the practicals held, separately in each paper, provided that a short fall in attendance up to 10% and 5% can be condoned by the Director/Principal of the College and

Vice Chancellor of Rajiv Gandhi Proudyogiki Vishwavidyalaya, respectively, for satisfactory reasons.

- 3.5** The Third and Fourth semesters in the case of full time course and Fifth and sixth semesters in the case of part time course are the semesters for the project work. During these semesters the candidate shall devote himself/herself for the research work, in connection with any of the aspects of technology relevant to the course selected, and assigned to him/her by the Head of the Department concerned in the respective college. Prior to submission of dissertation, candidate shall present a pre-submission seminar on his/her work. At the end of the fourth semester for the case of full time course and sixth semester for the case of part time course, the candidate shall submit three typed or printed copies of the dissertation written by him/her to the university through the Director/Principal of the college. The dissertation should be accompanied by the certificate from the Head of the Department and the project supervisor to the effect that it embodies actual work by the candidate and that the work has not been submitted earlier in part or full for the award of any other degree.
- 3.6** The candidate shall be permitted to appear at the semester examination provided he/she has successfully prosecuted a course of study in the UTD or in an affiliated college for that semester in the concerned course, with stipulated attendance as mentioned in para 12 of this ordinance.
- 3.7** A candidate who has failed in any subject of a semester shall be permitted to reappear in that subject in subsequent examination, subject to conditions given at para 10.3 of this ordinance.

#### **4.0 PROMOTION TO HIGHER SEMESTER AND YEAR**

A candidate who has been admitted in the Master of Engineering/Technology/Master of Architecture course will be promoted to the higher class in accordance with the following rules:

- 4.1** For the award of degree minimum Cumulative Grade Point Average (CGPA) required is 5.0.
- 4.2** To pass a particular subject of the course the minimum required grade is D. However, the candidate should also separately score minimum of grade D in end semester examinations of theory and practical parts of the subject. For

practical examinations one external examiner from outside the institute shall always be there.

- 4.3 A candidate who fails to score minimum of grade D in more than two subjects (Theory and Practical of the same subject shall be treated as two subjects) in a particular year, shall not be admitted to the next higher year.
- 4.4 The result of the fourth and final semester for full time candidates and sixth and final semester for part-time candidates shall be declared only if the candidates has fully cleared all the previous semesters.
- 4.5 If a candidate has passed all the subjects of the course but has failed to score a minimum CGPA of 5.0 as per the requirement of rule 4.1 above, such a candidate shall be permitted to improve requisite grade point by reappearing in maximum of two theory /practical, subjects chosen from subjects of first to second semesters for full time candidates and first to fourth semesters for the part time candidates in the ensuing examination. Theory and practical of a subject shall be treated as separate subjects.
- 4.6 Other than the provision of rule 4.5 above a candidate shall not be permitted to reappear, in the papers which he/she has cleared, for improvement of division/marks or for any other purpose.
- 4.7 A candidate may provisionally continue to attend next higher year, even if, the result of qualifying year / semester has not been declared. However, subsequently if he/she is not able to clear qualifying semester examination, the candidate cannot claim any right on the basis of his/her provisional admission.

## **5.0 AWARD OF CREDITS AND GRADES**

- 5.1 Each course, along with its weightage in terms of units and equivalent credits, shall be recommended by the concerned Board of Studies and shall be approved by the Standing Committee of Academic Council and the Executive Council. Only approved courses can be offered during any semester.
- 5.2 A student shall be continuously evaluated for his / her academic performance in a subject through tutorial work, practicals, home assignments, mid-semester tests, field work, seminars, quizzes, end-semester examinations and regularity, as proposed by respective Board of Studies and

approved by the Standing Committee of Academic Council and the Executive Council of the University.

**5.3** The distribution of weightage /marks for each component shall be decided by the respective of Board of Studies and approved by Standing Committee of Academic Council and Executive Council of the University subject to such stipulation as given under:

<b>(a) Theory Block</b>		
i.	Quizzes, assignments and regularity	10%
ii.	Mid – semester tests -	20%
iii.	End – semester examination-	70%
<hr/>		
<b>Total</b>		<b>100%</b>
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<b>(b) Practical Block</b>		
i.	Lab work and performance, quizzes, assignments and regularity -	40%
ii.	End – semester examination-	60%
<hr/>		
<b>Total</b>		<b>100%</b>
<hr/>		

**5.4** Project work shall be treated as practical subject.

**5.5** In each semester, the institute will be required to conduct at least two mid semester tests for theory block. The final mid semester marks shall be the average of the two higher mid semester marks.

**5.6** Each student, registered for a course, shall be awarded grade by the concerned faculty / faculties for the specific subject/paper. The grades awarded to a student shall depend upon his continuous evaluation through performance in various examinations, assignments, quizzes, laboratory work, class work, mid semester tests and regularity. The grades to be used and their numerical equivalents are as under :

### Credit Based Grading System

Grade	%Marks range (based on absolute marks system)	Grade Point	Description of performance
A <sup>+</sup>	91-100	10	Outstanding
A	81-90	9	Excellent
B <sup>+</sup>	71-80	8	Very Good
B	61-70	7	Good
C <sup>+</sup>	51-60	6	Average
C	41-50	5	Satisfactory
D	40 Only	4	Marginal
F	below 40	0	Fail.
I		0	Incomplete.
W		0	Withdrawal

- 5.7 The Semester Grade Points Average (SGPA) and Cumulative Grade Point Average (CGPA) shall be calculated as under:-

$$SGPA = \frac{\sum_{i=1}^n c_i p_i}{\sum_{i=1}^n c_i}$$

Where  $c_i$  is the number of credits offered in the  $i^{\text{th}}$  subject of a Semester for which SGPA is to be calculated,  $p_i$  is the corresponding grade point earned in the  $i^{\text{th}}$  subject, where  $i = 1, 2, \dots, n$ , are the number of subjects in that semester.

$$CGPA = \frac{\sum_{j=1}^m SG_j NC_j}{\sum_{j=1}^m NC_j}$$

here  $NC_j$  is the number of total credits offered in the  $j^{\text{th}}$  semester,  $SG_j$  is the SGPA earned in the  $j^{\text{th}}$  semester, where  $j = 1, 2, \dots, m$ , are the number of semesters in that course.

**5.8** The grade sheet at the end of each even semester examination shall show CGPA till the end of that semester. The final examination grade sheet at the end of final semester examination of the course shall also indicate CGPA, equivalent percentage marks and the division awarded, according to the rule as given in para 7.0 of this ordinance .

**6.0 CONDONATION OF DEFICIENCY**

**6.1** One grace mark will be given to the candidate who is either failing in any semester or missing distinction/ first division by one mark, on behalf of the Vice-Chancellor in the M.E./ M.TECH./ M.Arch. examination.

**7.0 AWARD OF DIVISION**

**7.1** Division shall be awarded only after the fourth (sixth for part time course) and final semester examination based on integrated performance of the candidate for all the two (three for part time course) years as per following details

CGPA Score	Divisions
$7.5 \leq \text{CGPA}$	First Division With Honours
$6.5 \leq \text{CGPA} < 7.5$	First Division
$5.0 \leq \text{CGPA} < 6.5$	II Division

**7.2** The conversion from grade to an equivalent percentage in a given academic program shall be according to the following formula applicable

$$\text{Percentage marks scored} = \text{CGPA} \times 10$$



## **8.0 MULTIPOINT ENTRY AND EXIT CLAUSE**

- 8.1 The Master of Engineering/Technology degree shall be of two-years duration (four Semesters), with multiple entry and exit options within this period.
- 8.2 The candidate can exit after the successful completion of one academic year (Two semesters), followed by an exit 10-credit bridge course(s) lasting two months, including at least 6-credit job-specific internship/apprenticeship. Such candidate will be awarded with the Post Graduate Diploma in the respective discipline, which will be equivalent to level 8 of National Higher Education Qualification Framework (NHEQF) / National Skills Qualification Framework (NSQF).
- 8.3 A candidate shall be awarded with Master of Engineering/Technology degree (in the particular discipline) after the successful completion of all the two academic years (Four Semesters) for the full time course and three years (six semesters) for part time course.
- 8.4 A candidate may avail an exit option at the end of first year and can re-enter the program, as regular candidate in the second year, at the beginning of any new academic session (i.e. only during odd semesters), provided that he/she has successfully completed first year.
- The grade and division shall be assigned in Post Graduate Diploma as per the scales laid down in relevant Clauses of this Ordinance.
- 8.5 The re-entry of such candidates are subject to the condition that the total number of candidate studying in a particular year, including such re-entering candidates, shall not exceed 20% of the sanctioned intake of the program excluding the supernumerary seats.
- 8.6 Due to above clause, if the number of candidates seeking re-entry is more than the seats available than admission for the re-entering candidates shall be on the basis of their CGPA of the qualifying year.
- 8.7 If a candidate is not able to seek re-entry due to above clause than he/she can apply for re-entry during the subsequent academic sessions.

## **9.0 DURATION OF COURSE**

- 9.1 There shall be at least fourteen weeks of teaching in every semester.
- 9.2 One hour of conduct in Lecture (L) / Tutorial (T) / Practical (P) per week shall be equal to one credit as allotted in the respective schemes.

## **10.0 MERIT LIST**

- 10.1** In the notification declaring the results of the final semester examination for the Degree of M.E./ M.Tech./ M.Arch. , the names of the first candidate in order of merit in each branch shall be notified by the university, separately, for full time and part time courses, securing at least first division and passing all semester examinations in single attempt.

**Registrar  
Rajiv Gandhi Proudyogiki Vishwavidyalaya  
Bhopal**