

राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली



NATIONAL INSTITUTE OF TECHNOLOGY DELHI

(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान)

(An autonomous Institute under the Aegis of Ministry of HRD, Govt. of India)

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Ref. No. NITD/ ACAD/AN/2020/29

Dated: May 17, 2020

NOTICE

Subject: Online Examination Pattern of End Semester Examination (Spring 2020) and Makeup Examination 2020 to be Adopted for NIT Delhi in the Current Spring Semester 2020 Only...reg

In continuation to the notification (Ref. No. NITD/ ACAD/AN/2020/23 dated May 08, 2020 for faculty and Ref. No. NITD/ ACAD/AN/2020/24 dated May 08, 2020 for students) released by the Office of Dean Academics on May 08, 2020, as per the approval (Ref. No. NITD/ ACAD/N/2020/26 dated May 07, 2020) by the Honourable Senate and in line with the directives (F.No.33 - 6 / 2020 - TS.III dated May 01, 2020) received from the MHRD, Govt. of India, regarding, Examination and Academic Calendar/ Schedule for the year 2020-2021, in view of COVID- 19 pandemic, the following online Examination Pattern for End Semester Examination (Spring 2020) and Makeup Examination 2020 will be applicable for NIT Delhi in the current Spring Semester 2020 only.

1. End Semester and Make up Examination (Spring 2020) Pattern:

- Online examination will be conducted for both theory and practical/laboratory examinations.
- Question papers will be set by the Faculty Members prior to the examination as per the detailed examination date sheet (to be released by the Examination Section) and as per the regular format provided by the Examination Section.
- Question papers will be distributed (in pdf format) to the registered students (in particular course) over email (student's Institute email address only) by the respective faculty members to their concerned class.
- There may not be any requirement of prior submission of question papers by the faculty members to the Examination Section for this time (i.e., End Semester Spring 2020 and Make up 2020 only).
- It may be the individual responsibility of the faculty members to design the question papers by their own and to circulate to concerned registered students over email regarding examination.
- However, after successful completion of the Examination, faculty members are requested to email the pdf format of the subject wise questions to the Examination Section so that Examination Section can keep the same for their future record and forward to the central library/ other concerned sections.
- Moreover, faculty members may be requested to maintain all the records of emails/ telephone calls with the students and scanned answer booklets etc. for any future reference for a period of at least 1 year.

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As per the notification (Ref. No. NITD/ ACAD/AN/2020/23 dated May 08, 2020) already released by the Office of Dean Academics, the marks/ weightage for question papers will be as follows:

- (f) Theory end semester question paper: 25 Marks
- (g) Laboratory end semester question paper: 50 Marks
- (h) Theory question papers for Makeup Examination: 50 Marks
- (i) Laboratory question papers for Makeup Examination: 50 Marks
- (j) Theory question papers for students (did not appear in mid/ re-mid examination: Spring 2020): 75 marks

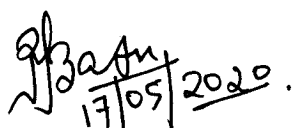
2. Preparation of Question Papers (for both the above-mentioned online examinations):

(a) Theory Courses:

- (i) 20-30 questions may be prepared along with sub part of questions. It may be encouraged to prepare small problems based question paper especially for Science/Engineering based courses, so that students may be engaged in solving the problems, for the entire duration.
- (ii) Objective type questions may also be set, especially for non-Science/non-Engineering based courses.
- (iii) At least two sets of questions/small problems (may be all with same questions but shuffled in organization of numbers) may be prepared by faculty members to distribute/ email students in order to avoid the cheating.
- (iv) Faculty may design/set open book examination to avoid cheating; however, maintaining proper standard of question, so that answers cannot be copied from the book/ reference materials etc. directly.
- (v) No choice of questions may be provided this time.
- (vi) In any of the above cases, answers of questions will be of only one line answer or one word answer to be written/ provided by the student.

(b) Regular Practical Courses:

- (i) Objective type questions (may be with sub parts) may be prepared and circulated.
- (ii) For Science/Engineering based courses, open source software simulation based/ coding based small problems may also be provided to the students to solve within specified time to avoid cheating.
- (iii) In addition to above points (i) and (ii), telephonic viva-voce may also be conducted by the faculty members, where, the weightage of online laboratory examination will be of 75 % and telephonic viva-voce will be of 25 %.
- (iv) At least two sets of questions/small problems (may be all with same questions but shuffled in organization of numbers) may be prepared by faculty members to distribute/ email students in order to avoid the cheating.
- (v) Faculty may design/ set open book examination to avoid cheating, however, maintaining proper standard of question, so that answers cannot be copied from the book/reference materials etc. directly.
- (vi) No choice of questions may be provided this time.

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(vii) In any of the above cases, answers of questions will be of only one line answer or one word answer to be written/ provided by the student.

(c) Communication/ Activity related Practical Courses (Like Professional/ Technical Communication, Sports etc.):

In addition to all points mentioned in the sub parts (a) and (b), the examination may be conducted by taking communicative presentations/literature survey based presentations, however, that will completely be the prerogative of the course instructor only.

3. Examination Duration:

In every aspect mentioned above, the question paper/examination may be set by the faculty instructor following the time schedule provided below, so that during that duration, it will be possible for the students to complete and solve the question and revert back with the scanned solution to the faculty over email, as well.

- (a) Complete procedure for conducting both Theory and Laboratory Examination will be of 2 hours each.
- (b) Question papers will be emailed/ circulated by the faculty member exactly 2-3 minutes before the commencement of examination through email only to the registered Institute email address of the students for that particular course.
- (c) Effective online writing of solutions to all the questions by the students may be of 1 hour 45 minutes duration and hence faculty may set the question paper in such a fashion.
- (d) Last 15 minutes of the entire 2 hours duration is allocated for the students so that they can properly submit all scanned copies of answer sheets over email to complete the entire examination procedure within 2 hours.
- (e) The late submission of scanned copy of the answer sheet may be entertained upto maximum half an hour after the completion of end/makeup examination duration (as per date sheet). However, in that case faculty instructor may have the right to deduct appropriate marks from that late submitted (emailed) answer scripts.

4. Methodology for Writing Answers and Submission of Answer Booklet by the Students:

- (i) Students have to write the answers of the faculty given questions in hard copy (plain blank white paper) and to email back the scanned copy of the solution to the faculty as a reply/ revert to that email only within the specified duration.
- (ii) Answer should be written in single pen/ink, else may be considered as a case of cheating.
- (iii) Written answers should be legible and clear to the faculty instructor.
- (iii) Scanned copy of the solution to be submitted over email should also be legible and clear. It will be the complete responsibility of the student to take the clear scan/ snapshot of the solutions with appropriate single colour dark (preferably) back ground, not keeping the answer sheet over bed sheets/multicolor background etc.

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(iv) Students have to revert back return the scanned copy of the solution (course wise) to the email address of the concerned faculty member where from it has arrived. No excuses in this matter will be entertained.

(v) Students have to mention, their name, roll number, course code, name of the course department, year and semester in the first page and name and roll number in all the subsequent pages.

(vi) Students are instructed for the early preparation of every concern/ documents well prior to the commencement of examination.

5. 5% Attendance marks will be awarded to every student for this current Spring Semester 2020.

6. A minimum 'D' grade will be provisionally awarded to each student in all the examinations, after it's successful completion only.

7. End semester examination will consist of syllabus with minimum 50% from pre-mid semester examination syllabus.

8. Situation of Poor Internet Connectivity/ Absence of Computer Machines etc.:

(a) Keeping in view of global crisis the examination methodology has been kept extremely simple i.e., downloading the question papers/uploading the scanned answer booklet over email and that will not require any fast Internet connectivity. Hence, it is recommended to follow the online examination procedure through email only.

(b) Under extreme genuine condition of absence of Internet connectivity, faculty may have a provision to conduct the examination by the form of asking questions over telephone to such students, as per the convenient schedule of the faculty member.

(c) Despite above arrangement, if any student will not appear in the 'to be conducted' online/ telephonic examination due to lack of appropriate facility *etc.*, she/he will be provisionally awarded a 'D' grade.

9. Recommendation for UG/ PG Project/ Dissertation Presentations:

(a) It will be complete prerogative of the department to choose the online presentation/ meeting platform as per the convenience of department faculty members/ external expert (in case of PG dissertation). However, Google Meet/ Skype may be the recommended platform for all the departments.

(b) It will also be the complete prerogative of the individual department to decide single/ various time slots for UG/ PG projects/dissertations as per the tentative schedule (For UG: June 01-05, 2020 and For PG: June 15-19, 2020) released by the Office of Dean Academics in it's earlier notification.

(c) In above regard, respective project/dissertation coordinators (department wise) will issue separate notification mentioning all the details regarding online presentations for the concerned students and faculty members, after consultation with the respective Head of the Department.

(d) However, the presence of every faculty members/ group of members/ coordinators (as decided by the Office of Head of the Departments) in every presentation has to be ensured during evaluating the students through online project/ dissertation presentations.

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Since, this is the first time to adopt the examination through email and hence it will be equally challenging for both faculty members as well as students, therefore, faculty colleagues may be encouraged to conduct mock examinations to just check that students are getting the questionna via email, without having any appropriate question - answers and may be for a reduced time slot.

In addition to above, all the directives issued in the earlier notification (Ref. No. NITD/ACAD/AN/2020/23 or 24 dated May 08, 2020) will be applicable in their entirety.

This is issued with the approval [Ref. No. NITD/ACAD/N/2020/29 dated May 17, 2020] only.

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Dean Academics (I/c)
Dean (Academics)
National Institutional Of Technology Delhi
Narela, Delhi-110040

Copy To:

- (a) PS to Director (for kind Information)
- (b) PS to Registrar (for kind Information)
- (c) Head of the Departments (through email)
- (d) All Students (through email)
- (e) All Faculty Members (through email)
- (f) Office of Dean R&C (through email)
- (g) Office of Dean Student Welfare (through email)
- (h) Academics Section (for File Record)