



Dean (Academic)

विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान

नागपूर- 440 010 (भारत)

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

**VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY,
NAGPUR – 440 010 (INDIA)**

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



Diamond Jubilee 2020

18th May 2020

Notice regarding final evaluation of the students for S/2020 session

The unprecedented situation resulted due to COVID-19 forced some changes in the Academic systems and Calendar for the students of current Academic Year.

After carefully studying the directives from MHRD, discussion with student representatives and Senate Members, and step taken by some IITs & NITs as a onetime measure following methodology is approved in the Senate for final year (UG/PG) and other semester students separately.

A) Methodology for evaluation of final year students :

1. Definition of “final year students“

- All BT16 and earlier students (i.e. BT15, BT14, etc)
- All MT18 and earlier students
- All MS18 and earlier students
- All BA15 and earlier students

who, irrespective of credits earned, have registered to designated final year UG/ PG courses (as per the scheme of examination). List of these courses is attached as annexure I.

2. Examination:

Final evaluation weightages will be as under:

- | | |
|--|--------|
| a. First mid sessional examination | : 30% |
| b. Teachers assessment including online assignment | : 40 % |
| c. examination through electronic mode | : 30 % |

L type courses: To be held through electronic mode. Provision is made in the academic calendar for main examination, re-examination and summer term as well.

Duration of the exam: 1 hr 30 min; (extension to PWD candidates: as per rules)

Online examination (OE) will be conducted in 2 parts, the 1st part is of Objective Type questions for 30 minutes and the 2nd part is of Descriptive Type questions for 1 hour duration **through the platform – Google Forms**.

- a. Links to access the question papers will be made available to the students one hour before the examination through Google Form. The receipt of the question paper links should be confirmed by the student by submitting this form. In case of difficulty, students are advised to contact the course coordinator or DEC on mobile phone. Please keep their mobile numbers with you.

Click the link <https://forms.gle/EGMaVMafy8EyNVoeE6> for “share links to access the question papers” sample form.

- b. Objective examination can be multiple choice type, multiple selection (check box), True/False, short answer etc.

Click the link <https://forms.gle/LuaBq5VxyCgVDQLS9> for “objective examination” sample form.

- c. Descriptive examination will be hand written on A4 sheets for 1 hour duration. Further students will be given 10 more minutes for generating and submitting the scanned and combined PDF copy using suitable mobile application. Students should download such a scanner app on their mobiles beforehand.

Note: All the answer sheets to be marked with the page number, roll number, name, and signature on the top of every page. Please have sufficient stock of A4 size papers

Click the link <https://forms.gle/xA6dTBjQK5RZ6adt9> for “descriptive examination” sample form.

- d. Mock examination may be held for all the students (list of courses, date and time will be informed soon) to sort out the unforeseen issues in uploading and submitting the answer scripts.
- e. If any student is found involved in any unfair means activity (a few of them are listed below), the course teachers/ coordinators will take appropriate decision, in consultation with the respective HoD.
- i. Delay in submission of the form (based on the time stamp) beyond the permissible duration
 - ii. Non-submission of the Quiz form and/or scanned copy of the answer sheets, i.e. abandoning the examination without any communication and valid reason
 - iii. Students sharing/ uploading full or part of the scanned copies of the answer sheets with other students, during or after the examination, through email or WhatsApp or any other platform.
 - iv. Proxy submission
 - v. Any other activity that dampens the spirit of the examination
- f. Please keep on referring to the Institute website time to time for more detailed instructions.

P type courses: The continuous evaluation for P type courses or practical component of L type courses carried up to the second sessional examination may be considered as out of 100%.

Project: To be held through electronic mode.

All the certificates required in the thesis need to be printed, signed and scanned or in case the student doesn't have access to the printer the certificate should be handwritten legibly, signed and scanned. This signed copy of the certificate will be in addition to the unsigned copy available in the project report/ dissertation. Students need to send the final soft copy (word) of the project report/ dissertation to their respective supervisors, before 5th June 2020.

Evaluation procedure remains same; however the viva proceedings will be conducted over virtual mode. Panel of examiners will be attending the viva voce from the department whereas the student will be appearing for the examination through electronic mode.

B) Methodology for other than final year students :

1. Definition of "other than final year students"

All students not covered under the definition of "final year students" as specified in point no A-1 above.

2. For 'other than final year students' of S/2020, method of evaluation is being worked out which will be based on the components like first mid-sem examination, home assignments, etc. with sufficient weightage assigned while carrying out the final evaluation. These students are advised to complete the home assignments within stipulated time (to be announced later).

C) Revised Academic Calendars

1. The revised academic schedule for the incomplete academic session(S/ 2019-20) is given in Annexure – II (A) and (B)

2. The revised academic schedule for the new academic session 2020-21, is given in Annexure – III

a. It is anticipated that the situation will take long time to ease out and hence it is felt to start the new session as late as possible. Hence 14th September is proposed as the date of commencement of classes. This requires working for 6 days a week and merging of both the mid-term examinations (I and II). Only one Mid-term examination is proposed. Students get minimum 10 days holidays at the end of the semester.

b. The schedule for the even semester, i.e. S/ 2021 will remain as it was planned originally.

Dean (ACD)

Annexure – I

List of designated final year courses as per schemes of examination

S No.	Deptt.	Code	COURSE NAME
1	Chemical	CML386	BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING
2	Chemical	CML422	PLANT UTILITY
3	Chemical	CML433	PROJECT PLANNING AND MANAGEMENT
4	Chemical	CML431	ENTREPRENEURSHIP DEVELOPMENT
5	Chemical	CML468	ORE AND MINERAL PROCESSING
6	Chemical	CML530	PROCESS INTENSIFICATION
7	Civil	CEL401	IRRIGATION ENGINEERING
8	Civil	CEL425	FINANCIAL AND BUSINESS MANAGEMENT
9	Civil	CEL414	WATER DISTRIBUTION SYSTEMS
10	Civil	CEL441	GEOTECHNICAL ASPECTS IN DESIGN OF MACHINE FOUNDATION
11	Civil	CEL415	ADV. STRUCTURAL DESIGN RCC
12	Comp. Sci.	CSL407	DATA MINING AND DATA WAREHOUSING
13	Comp. Sci.	CSL413	NUMBER THEORY & MODERN CRYPTOGRAPHY
14	Comp. Sci.	CSL430	BUSINESS INTELLIGENCE
15	Comp. Sci.	CSL447	INTRODUCTION TO PARALLEL COMPUTING
16	Comp. Sci.	CSL508	MACHINE LEARNING
17	Comp. Sci.	CSL409	TOPICS IN DISTRIBUTED SYSTEMS
18	Electrical	EEL416	RENEWABLE ENERGY SYSTEMS
19	Electrical	EEL426	CONDITION MONITORING OF ELECTRIC COMPONENTS
20	Electrical	EEL427	RESTRUCTURED POWER SYSTEMS
21	Electrical	EEL431	SMART GRID
22	Electrical	EEL418	CONTROL SYSTEM-II
23	Electronics	ECL406	MOBILE COMMUNICATION SYSTEMS
24	Electronics	ECL409	RADIO FREQUENCY CIRCUIT DESIGN
25	Electronics	ECL410	SATELLITE COMMUNICATION
26	Electronics	ECL411	DIGITAL IMAGE PROCESSING
27	Electronics	ECL413	ADAPTIVE SIGNAL PROCESSING
28	Electronics	ECL419	WIRELESS SENSOR NETWORKS
29	Mechanical	MEL426	REFRIGERATION & CRYOGENICS
30	Mechanical	MEL430	ADVANCED IC ENGINE
31	Mechanical	MEL445	AUTOMATION IN PRODUCTION
32	Mechanical	MEL443	AIR POLLUTION CONTROL
33	Mechanical	MEL449	ADVANCED TURBO MACHINERY
34	Mechanical	MEL401	CONTROL SYSTEMS
35	Mechanical	MEL424	INDUSTRIAL ENGINEERING & MANAGEMENT
36	Mechanical	MEL428	MACHINE TOOL DESIGN
37	Mechanical	MEL403	OPERATION RESEARCH
38	Mechanical	MEL448	ARTIFICIAL INTELLIGENCE IN MANUFATURING
39	Mechanical	MEL413	FRACTURE MECHANICS
40	Mechanical	MEL454	QUALITY ENGINEERING MANAGEMENT
41	Mechanical	MEL418	ADVANCED STRESS ANALYSIS
42	Mechanical	MEL444	SOLAR ENERGY UTILIZATION
43	Metallurgy	MML473	COMPOSITE MATERIALS
44	Metallurgy	MML486	FAILURE ANALYSIS
45	Metallurgy	MML487	CONTINUOUS CASTING OF STEELS
46	Metallurgy	MML488	NANO MATERIALS

47	Metallurgy	MML489	SURFACE ENGINEERING
48	Metallurgy	MML491	HIGH TEMPERATURE CORROSION
49	Mining	MNL462	MINE LEGISLATION AND SAFETY
50	Mining	MNL463	MINE MANAGEMENT
51	Mining	MNL470	MINE PLANNING
52	Mining	MNL472	MINE SAFETY ENGINEERING
53	Mining	MNL432	MINE AUTOMATION
54	OC	HUL403	PSYCHOLOGY & HRM
55	OC	HUL410	HUMAN VALUES
56	OC	HUL411	PRINCIPLES OF ECONOMICS
57	OC	HUL412	MONEY & FINANCIAL MARKETS
58	OC	MAL301	INTRODUCTION TO OPERATIONS RESEARCH
59	OC	MAL403	NUMERICAL LINEAR ALGEBRA
60	OC	MAL408	STATISTICAL ANALYSIS & QUEING THEORY
61	OC	MML488	NANO MATERIALS
62	OC	HUL302	BASIC GERMAN
63	OC	MML420	RURAL TECHNOLOGY
64	Architecture	ARL422	HOUSING
65	Architecture	ARL470	INFRASTRUCTURE PLANNING AND DESIGN
66	Chemistry	ECL243	INTRODUCTION TO ELECTRONICS AND INSTRUMENTATION
67	Chemistry	CHL541	CHEMISTRY OF ADVANCED MATERIALS
68	Chemistry	CHL545	PHOTOCHEMISRTY AND PERICYCLIC REACTION
69	Chemistry	CHL546	CHEMISTRY OF HETEROCYCLIC COMPOUND
70	Chemistry	CHL507	PHOTOCHEMISTRY
71	Mathematics	MAL541	MEASURE THEORY AND INTEGRATION
72	Mathematics	MAL542	INTEGRAL TRANSFORM AND INTEGRAL EQUATIONS
73	Mathematics	MAL544	FINITE ELEMENT METHOD
74	Mathematics	MAL550	NUMERICAL LINEAR ALGEBRA
75	Physics	PHL534	NUCLEAR AND PARTICLE PHYSICS
76	Physics	PHL537	NANOMATERIALS

Subject to addition/ deletion, if required.

Annexure – II (A)

Schedule for the summer session of the academic year 2019-20

For completing remaining part of Summer 2020

Final year only

Sr No	Activity	Remaining part of Summer 2020 Final year only
1.	Commencement of classes	--
2.	Mid Sem Examination (MSE) - I	--
3.	Last date for display of MSE-I marks & attendance	--
4.	Last date for sending MSE-I CC report to Dean (Acd)	--
5.	Mid Sem Examination (MSE) - II	To be merged with Teachers assessment
6.	Last date for display of MSE-II marks & attendance	--
7.	Last date for sending MSE-II CC report to Dean (Acd)	--
8.	Last date of online teaching & display of internal marks	5 June 2020
9.	Submission of Project report (UG)/ dissertation (PG)	Up to 5 June 2020
10.	End Semester examination (online mode)	22 June to 02 July 2020
11.	Last date for display of marks	06 July 2020
12.	Submission of grades	07 July 2020
13.	Result announcement:	09 July 2020
14.	Registration for next semester	Till 14 Sept 2020
15.	Ph.D. Progress seminars (online)	01 July to 31 July 2020
16.	Re-examination	20 July to 23 July 2020
17.	Last date for display of Re-exam marks	27 July 2020
18.	Summer term, including exam in last 3 days	03 Aug to 22 Aug 2020
19.	Commencement of classes for next semester	14 Sept 2020

Note : Detailed time-table for the Online mode End-semester examination will be communicated later.

Annexure – II (B)

Schedule for the summer session of the academic year 2019-20

For completing remaining part of Summer 2020

Other than final year

Sr No	Activity	Remaining part of Summer 2020 Other than final year
1.	Commencement of classes	<p>Method of evaluation is being worked out which will be based on the components like first mid sem examination, home assignments, etc with sufficient weightage assigned to each of them, while carrying out the final evaluation.</p> <p>Students are advised to complete the home assignments within stipulated time (to be announced later).</p>
2.	Mid Sem Examination (MSE) - I	
3.	Last date for display of MSE-I marks & attendance	
4.	Last date for sending MSE-I CC report to Dean (Acd)	
5.	Mid Sem Examination (MSE) - II	
6.	Last date for display of MSE-II marks & attendance	
7.	Last date for sending MSE-II CC report to Dean (Acd)	
8.	Last date of online teaching & display of internal marks	
9.	Submission of Project report (UG)/ dissertation (PG)	
10.	End Semester examination	
11.	Last date for display of marks	
12.	Submission of grades	
13.	Result announcement:	
14.	Registration for next semester	
15.	Winter Vacation (for teachers)	
16.	Summer Vacation (for teachers)	
17.	Ph.D. Progress seminars (online)	
18.	Re-examination	
19.	Last date for display of Re-exam marks	
20.	Summer term, including exam in last 3 days	
21.	Commencement of classes for next semester	

Annexure - III

The academic calendar for the new academic session 2020-21

Sr No	Activity	Winter 2020	Summer 2021 Same as what was announced earlier
1	Commencement of classes	14 Sept 2020	04 Jan 2021
2	Mid Sem Examination (MSE) - I	09 Nov to 12 Nov 2020	08 Feb to 11 Feb 2021
3	Last date for display of MSE-I marks & attendance	19 Nov 2020	19 Feb 2021
4	Last date for sending MSE-I CC report to Dean (Acad)	23 Nov 2020	26 Feb 2021
5	Mid Sem Examination (MSE) - II	cancelled	17 Mar to 20 Mar 2021
6	Last date for display of MSE-II marks & attendance	--	26 Mar 2021
7	Last date for sending MSE-II CC report to Dean (Acad)	--	09 Apr 2021
8	Last date of formal teaching & display of attendance & internal marks	12 Dec 2020	20 Apr 2021
9	End Semester examination	14 Dec to 24 Dec 2021	23 Apr to 04 May 2021
10	Last date for display of marks	30 Dec 2020	06 May 2021
11	Submission of grades	31 Dec 2020	07 May 2021
12	Registration for next semester	01 Dec 2020 to 04 Jan 2021	03 May to 26 July 2021
13	Winter Vacation (for teachers)	25 Dec 2020 – 03 Jan 2021	--
14	Summer Vacation (for teachers)	--	31 May to 14 July 2021
15	Ph.D. Progress seminars	01 Dec to 31 Dec 2020	01 July to 31 July 2021
16	Re-examination	12 Jan to 15 Jan 2021	19 May to 22 May 2021
17	Last date for display of Re-exam marks	22 Jan 2021	27 May 2021
18	Commencement of classes for next semester	04 Jan 2021	26 July 2021
19	AROHI	Cancelled	--
20	AXIS	--	26 to 28 Feb 2021
21	Alumni Meet	26 Dec to 27 Dec 2020	--
22	Convocation	To be announced later	--
23	Departmental Academic Review for the year 2019-20	--	01 Jan to 31 Jan 2021
24	Instruction days	All Saturdays except on 14 Nov 2020	On 5 Saturdays
25	M Tech/ M Sc Phase II submission	12 Dec 2020	20 Apr to 31 May 2021

Following precautions should be taken

1. **Social distancing to be observed while in class and hostels:**
 - a. **Class split in two sections with mirroring of timetable.**
 - b. **Video recording facility to be created in at least 4 rooms of a UG Programme offering dept.**
 - c. **Electronic mode can also be recognised as formal way of teaching for all types of courses (L, P, D, etc.) and be made operational.**
 - d. **Hostel facilities to be upgraded for maintaining social distancing.**
2. **The class rooms should be sanitised minimum twice day and also every time the student batches are changed.**
3. **Campus security to be tightened.**
4. **Any other measure required to be adopted for the safety of the students and staff of the institute.**

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