



TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology

Wardha Road, Nagpur - 441108

Accredited with NAACA+Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institute Affiliated to RTM Nagpur University, Nagpur)



Ref. No. 1TGPCBT/2022-23/517

Date: 16/12/2022

Guidelines to Offer Honours and Minor Degree in UG Programme

(In line with the provisions laid down in AICTE Model Curriculum for Undergraduate Degree Course in Engineering & Technology, January 2018)

Introduction:

Every student has specific abilities, interests, career goals and wishes to enhance his/her academic learning experience. Employers look for graduates with different combinations of competencies with T-shaped skills. Hence, opportunities for additional learning are the major requirement for students to bridge the industry-academia gap through the earning of honours or minor degree looking at learners' choice.

GUIDELINES FOR HONOURS CURRICULA

1. **Honours:** Honours is an additional credential a student may earn, if he/she does additional learning for 20 credits in his/her own discipline of B.Tech. programme. Honours degree is advantageous to those who wish to augment their engineering discipline with advanced level courses. Honours degree prepares student for higher-degree study at master's and PhD level demonstrating a higher capacity for independent learning, advanced research with wide range of employment opportunities. On successful accumulation of these additional credits, at the time of graduation, it shall be mentioned in the degree certificate as "Bachelor of Technology in XXX Engineering/Technology, with Honours".
2. A student shall be eligible to register for an Honour in the same discipline of his/her study.
3. Student who wants to register for Honours shall opt for registration at the end of 2nd semester of his/ her B.Tech. programme, subject to the conditions prescribed by the AC from time to time.
4. Student registered for Honours shall ensure the following in his/her regular B.Tech. programme.
 - i. Student should maintain a minimum CGPA of 7.25 in 1st and 2nd semester of regular B.Tech. programme and

ii. Student should not have any live backlog while enrolling for Honours.

If the student fails to meet the above criteria, his/her registration for Honours shall stand cancelled and he/she will be awarded only regular B.Tech. degree

5. Honours degree typically refers to a higher level of academic achievement at an undergraduate level. It allows students to officially explore different areas of their discipline of engineering by doing additional advanced level courses.
6. This facility for additional learning leading to Honours is applicable for the batches admitted from Academic Year 2021-22.
7. The students opting to pursue Honours have to earn 20 credits through MOOCs courses.
8. MOOC courses eligible for this purpose are the courses offered by National Programme on Technology Enhanced Learning (NPTEL) only.
9. MOOC courses can be taken in respective area only in lieu of courses approved from respective Board of Studies (BoS) only (preferably of 12 weeks). No core, lab or project courses can be opted in lieu of MOOCs.
10. While pursuing Honours a student has to mandatorily opt for a MOOCs course from the approved list of courses only (as mentioned in the above point no. 9).
 - a. Student has to submit his/her choice of courses by giving application to the HoD or by completing course registration through institute ERP (whichever is deemed suitable at that instance).
 - b. Department will assign one Faculty as Faculty Coordinator for smooth execution of offering of Honours at programme level.
 - c. Faculty Coordinator is responsible for keeping track of all the students pertaining to this offering. This offering process shall be completed within two weeks of commencement of academics in specific session (odd/even).
 - d. Scoring of student in MOOCs courses will be transferred directly to their credit record and will be reflected in the credit card of End Semester Examination (ESE) of last semester i.e. 8th semester.
 - e. Exact marking pattern of NPTEL shall be used while transferring credits and marks.
 - f. This transfer of credits and marks (as mentioned in 10(e)) shall be done only after submitting attested photocopy of the NPTEL score card to the office of Controller of Examination (CoE) duly checked by Faculty Coordinator and signed by HoD, Dean Academics (DA), and Principal.

- g. In case, if student is failed to clear any of the NPTEL examination in that case student has to re-appear for the NPTEL assessment and pass the course as per the criteria laid down by the NPTEL time to time.
 - h. Equivalent Grade shall be shown in the transcript and accounted in the SGPA and CGPA calculations.
 - i. Fee and Other charges, if any, payable to MOOC and certification agency shall be borne by concerned student only.
 - j. Student earning 20 credits through SWAYAM-NPTEL at the end of 8th semester shall only eligible for the award of Honours degree as “Bachelor of Technology in XXX Engineering/Technology, with Honours”.
11. Student has to submit application for a MOOCs course at least one week prior to the scheduled normal date of semester registration to the concerned Head of the Department giving the following details :
- i. Course Title
 - ii. NPTEL Course Code
 - iii. Duration of the Course
 - iv. Examination system and Credits of the Course
 - v. Center of Examination Opted by the Candidate

GUIDELINES FOR MINOR CURRICULA

1. **Minor in Engineering:** A minor in engineering is an additional credential a student may earn, if he/she does additional learning for 20 credits in a discipline other than his/her major discipline of B.Tech. programme. On successful accumulation of these additional credits, at the time of graduation, it shall be mentioned in the degree certificate as “Bachelor of Technology in XXX Engineering/Technology, with Minor in YYY Engineering/Technology”.
2. A Minor in Engineering allows students to officially explore interested engineering programme other than their own and thus an opportunity to expand their breadth of study in engineering disciplines.
3. Student who wants to register for Minor in Engineering shall opt for registration at the end of

2nd semester of his/ her B.Tech. programme, subject to the conditions prescribed by the AC from time to time.

4. Student registered for Minor in Engineering shall ensure the following in his/her regular B.Tech. programme
 - i. Student should maintain a minimum CGPA of 7.25 in 1st and 2nd semester of regular B.Tech. programme and
 - ii. Student should not have any live backlog while enrolling for minor.

If the student fails to meet the above criteria, his/her registration for Minor shall stand cancelled and he/she will be awarded only regular B.Tech. degree

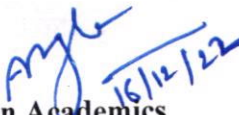
5. This facility for additional learning leading to Minor is applicable for the batches admitted from Academic Year 2021-22.
6. A Minor in Engineering is advantageous to those who wish to augment their major engineering discipline with other engineering courses. It can add value to their academic background for higher studies, allows them to take up interdisciplinary research and throws good opportunities in industry.
7. The students opting to pursue Minor have to earn 20 credits through MOOCs courses.
8. MOOC courses eligible for this purpose are the courses offered by National Programme on Technology Enhanced Learning (NPTEL) only.
9. MOOC courses can be taken in respective area only in lieu of courses approved from respective Board of Studies (BoS) only (preferably of 12 weeks). No core, lab or project courses can be opted in lieu of MOOCs.
10. While pursuing Minor a student has to mandatorily opt for MOOCs course from the approved list of courses only (as mentioned in the above point no. 9) offered by other than parent department/allied department (eg. Computer Science & Engineering and Information Technology).
 - a. Every department is expected to declare list of YYY Minor courses offered by the department by finalizing list of NPTEL courses.
 - b. Student has to submit his/her choice by giving application to the HoD (of parent department) for opting Minor degree of YYY department.
 - c. HoD of parent department shall forward student's application to the Registrar within 07 days after due verification of his credit records.

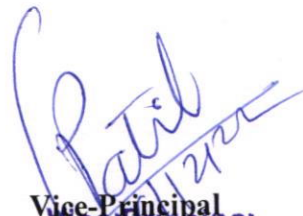
- d. Committee comprising of Dean Academics as Chairman, CoE as Member, and Registrar as Secretary of the committee shall approve and send the details of students opting for Minor to all the concerned HoDs. This offering process shall be completed within two weeks of commencement of academics in specific session (odd/even).
- e. Minor offering Department will assign one Faculty as Faculty Coordinator for smooth execution of offering of Minor at programme level.
- f. Faculty Coordinator is responsible for keeping track of all the students pertaining to this offering.
- g. Scoring of student in MOOCs courses will be transferred directly to their credit record and will be reflected in the credit card of End Semester Examination (ESE) of last semester i.e. 8th semester.
- h. Exact marking pattern of NPTEL shall be used while transferring credits and marks.
- i. This transfer of credits and marks (as mentioned in 10(e)) shall be done only after submitting attested photocopy of the NPTEL score card to the office of Controller of Examination (CoE) duly checked by Faculty Coordinator and signed by HoD, Dean Academics (DA), and Principal.
- j. In case, if student is failed to clear any of the NPTEL examination in that case student has to re-appear for the NPTEL assessment and pass the course as per the criteria laid down by the NPTEL time to time.
- k. Equivalent Grade shall be shown in the transcript and accounted in the SGPA and CGPA calculations.
- l. Fee and Other charges, if any, payable to MOOC and certification agency shall be borne by concerned student only.
- m. In exigency situations such as the student already completed any listed compulsory courses(s) or elective course(s) on his/her own interest during previous semesters through MOOCs etc, the HoD in consultation with Dean Academics shall offer an alternative course(s) for the specific scenario, after verification of relevant documents.
- n. Student earning 20 credits through SWAYAM-NPTEL at the end of 8th semester shall only eligible for the award of Minor degree as "Bachelor of Technology in XXX Engineering/Technology, with Minor in YYY Engineering/Technology".

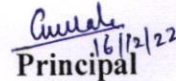
11. Student has to submit his/her application for a MOOCs course at least one week prior to the scheduled normal date of semester registration to the concerned Head of the Department giving the following details :

- i. Course Title
- ii. NPTEL Course Code
- iii. Duration of the Course
- iv. Examination system and Credits of the Course
- v. Center of Examination Opted by the Candidate

This guideline will come in force with immediate effect after its release from the office of Principal of the institute.


Dean Academics
Dean Academics
Tulsiramji Gaikwad-Patil
College Of Engineering
and Technology, Nagpur


Vice-Principal
Vice-Principal
Tulsiramji Gaikwad-Patil
College Of Engineering &
Technology, Nagpur.


Principal
Principal
Tulsiramji Gaikwad Patil College Of
Engineering and Technology, Nagpur

Copy to: -HoDs, Registrar, Deans, CoE, All section Heads, etc.

C.c:-Hon'ble Chairman, GPG

Hon'ble Treasurer, GPGI

Hon'ble Vice Chairman, GPG

All Directors, GPGI

} (for kind information)