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सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)

Savitribai Phule Pune University
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विषय:- विज्ञान व तंत्रज्ञान विद्याशाखेअंतर्गत अभियांत्रिकीमध्ये
“Honors” अभ्यासक्रमाच्या मार्गदर्शकतत्वांना मान्यता
देणेबाबत....

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार सर्व संबंधितांस या
परिपत्रकाद्वारे कळविण्यात येते की, विज्ञान व तंत्रज्ञान विद्याशाखेअंतर्गत
अभियांत्रिकीमध्ये “Honors” अभ्यासक्रमाच्या मार्गदर्शकतत्वांना मान्यता
देण्यात येत आहे.

सदर अभ्यासक्रम सावित्रीबाई फुले पुणे विद्यापीठाच्या www.unipune.ac.in
या वेबसाईटवर Syllabi – Academic Year 2020 – Faculty of Science and
Technology (Engineering) या शीर्षकाखाली उपलब्ध आहे.

मा. प्राचार्य, सर्व संलग्नित अभियांत्रिकी महाविद्यालये यांना विनंती की,
सदर परिपत्रकाचा आशय सर्व संबंधितांच्या निदर्शनास आणून द्यावा.


उपकुलसचिव

**Savitribai Phule Pune
University**

Rules and Regulations

for

Honors and Minors

Under the

**Faculty of Science and
Technology**

Effective from July 2020

Preface:

In this era of cut throat competition, it has become one of the major objectives of the Educationists and the Universities to inculcate the contents, practices and processes in view of making the learners enriched and competent enough to satisfy the multidisciplinary requirements for various job profiles and career prospects. All India Council for Technical Education (AICTE) has decided to allow the learners to acquire Honours/Minors with respect to certain exotic and state-of-the-art Engineering domains. With this facility students can acquire Honours/Minors by earning certain number of credits. SPPU has taken this opportunity and decided to allow the learners in the affiliated colleges to avail these facilities.

The choice rests with the learners to undertake the Honors/Minors, rendering the scheme totally voluntary. As per the decision by the authorities of University of Pune the faculty of Science and Technology has prepared the draft of the credit system and structure. The details of the Semesters involved in awarding Honours/Minors are as follows,

- The programmes will be available for getting Honours Degree to the students offered by Faculty of Science and Technology. As clearly mentioned in AICTE Handbook-2020, the explicit Honors and Minors programs for the specific undergraduate disciplines will be available.

(Reference: https://www.aicte-india.org/sites/default/files/APH%202020_21.pdf / page 99-100)

Example: Following Honors / Minors programs are offered from AY 2020-21-

1. Artificial Intelligence and Machine Learning
2. Cyber Security
3. Data Science
4. Internet of Things
5. Virtual Reality and Augmented Reality

These above programs will be available as Honors for following discipline-

1. Bachelor of Computer Engineering
2. Bachelor of Electronics and Telecommunication Engineering
3. Bachelor of Electronics Engineering.
4. Bachelor of Information Technology (Subject to the approval from AICTE, New Delhi else the programmes taken by Information Technology students will be considered as the Minors)

- Additional 20 credits must be earned by the learners to secure Honours/Minors.

- These 20 credits are distributed in 4 semesters as follows,

Third Year Engineering (Semester 5 of four year engineering programme): 5 Credits

Third Year Engineering (Semester 6 of four year engineering programme): 4 Credits

Fourth Year Engineering (Semester 7 of four year engineering programme): 5 Credits

Fourth Year Engineering (Semester 8 of four year engineering programme): 6 Credits

- The further break-ups as per the courses are as follows,

I. Third Year Engineering (Semester 5)

- Theory Lectures 4 hours per week
- Practical 2 hours per week

- In-Semester examinations: 30 marks,
- End-semester examination: 70 marks
- Term work: 50 marks
- Credit distribution: 4 Credits for Theory and 1 Credit for Practical

II. Third Year Engineering (Semester 6)

- Theory Lectures 4 hours per week
- In-Semester examinations: 30 marks,
- End-semester examination: 70 marks
- Credit distribution: 4 Credits for Theory

III. Fourth Year Engineering (Semester 7)

- Theory Lectures 4 hours per week
- Practical 2 hours per week
- In-Semester examinations: 30 marks,
- End-semester examination: 70 marks
- Term work: 50 marks
- Credit distribution: 4 Credits for Theory and 1 Credit for Practical

IV. Fourth Year Engineering (Semester 8)

- Theory Lectures 4 hours per week
- Seminar (Tutorial): 2 hours per week
- In-Semester examinations: 30 marks,
- End-semester examination: 70 marks
- Presentation: 50 marks
- Credit distribution: 4 Credits for Theory and 2 Credits for Seminar
- Total credits: 6 Credits

The rules governing the programmes shall be as given below with suffix R, followed by the rule number.

1. Rules and Regulations for Honors/Minors Programs

R1.1 It is absolutely not mandatory to any student to opt for Honours or Minors Program. Choice is given to individual student to undertake Honours/Minors programs from the third year engineering (Fifth Semester) to fourth year engineering (Eighth Semester). Honors/Minors programs will be opted from offered programs by SPPU. Once selected he/she will not be permitted to change the Honors/Minors program in forthcoming semesters.

R1.2 The registration for Honors/Minors Programme will lead to gain additional credits to such students. The result of Honours/Minors Program will get reflected in ledgers to be maintained at University only. After the completion of the Honours/Minors program by concerned students, details of credits earned in Honours/Minors program be printed in the mark sheet of eighth semester. For those students, who will not be able to complete Honours/Minors program, details about the additional credits earned will not get printed.

R1.3 Credits earned through registration and successful completion of the Honours/Minors Programme will **not** be considered for the calculation of SGPA or CGPA.

As per the standard practice, SGPA and CGPA calculations will be done with common base only by considering mandatory credits assigned for the Bachelor programme as per the structure approved by the Academic Council.

R1.4 Students once registered for the programme need to complete all credits assigned for the specific Honours and Minors Programme in the period of 4 years from the Semester-V. Degree with Honours/Minors will be awarded only after the completion of Honours/Minors Programme along with respective UG programme degree.

Student may opt to cancel the registration for Honours/Minors within this period of 4 years. After 4 years expire automatically Bachelor's degree will be awarded to such a student provided he has earned the credits needed for graduation.

R1.5 Backlog Honours/Minors courses will not contribute in the decision of A.T.K.T.

Note/Guideline for Fees:

Regarding fees the rights are reserved with the respective institute. However the following guideline is recommended-

Guideline for Fees:

Additional fees maximum up to 20 percent of fees/annum approved by the Fees Regulatory Authority for those students be charged at the time of admission to third year engineering and subsequently to the fourth year engineering so as to match the expenses towards teaching-learning facilities and procurement of laboratory equipment.

It is recommended to discuss proposal related to additional fees to be charged from students in the meeting of the Faculty of Science and Technology. On the basis of the final decision, recommendations be sent to the Academic Council of the Savitribai Phule Pune University. After getting the final approval of the academic council, implementation in respect of fees charged from students be done by concerned affiliated engineering colleges.

2. Examination Scheme:

R2.1 Examinations for Honours/Minors Program will get organized at the University Level. Question paper will be common for all students who had opted/registered for the specific Honours/Minors Programme. Evaluation of answer books for Honours/Minors programme will be done at the respective CAP Centers.

R.2.2 Additional examination fees as per prevailing rules and regulations will be charged from those students who had registered for Honours/Minors Programme to match the expenses for paper setting and the assessment of answer books at the CAP Centre.