सावित्रीबाई फुले पुणे विद्यापीठ

गणेशखिंड, पुणे - ४११००७

Savitribai Phule Pune University

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विषय :— **विज्ञान व तंत्रज्ञान विद्याशाखेंतर्गत विद्यापीठातील शैक्षणिक विभाग व संलग्न महाविद्यालयांकरिता पदव्युत्तर पदवीच्या मूल्यांकन पध्दतीच्या नियमांबाबत ....**

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार सर्व संबंधितांस या परिपत्रकाद्वारे कळविण्यात येते की, विज्ञान व तंत्रज्ञान विद्याशाखेंतर्गत विद्यापीठातील शैक्षणिक विभाग व संलग्न महाविद्यालयांकरिता राष्ट्रीय शैक्षणिक धोरण, २०२० प्रमाणे लागू केलेल्या पदव्युत्तर पदवी अभ्यासक्रम मूल्यांकन पध्दतीच्या नियमांस शैक्षणिक वर्ष २०२३—२४ पासून मान्यता देण्यात येत आहे.

मा. विभागप्रमुख/मा. प्राचार्य, विद्यापीठातील सर्व शैक्षणिक विभाग/सर्व संलग्न महाविद्यालये यांना विनंती की, सदर परिपत्रकाचा आशय सर्व संबंधितांच्या निदर्शनास आणून द्यावा.

गणेशखिंड, पुणे — ४११००७)
जावक क्र. सीबीएस/ १२८९)
दिनांक : ०४/१२/२०२३)

(डॉ. मुंजाजी रासवे)
उपकुलसचिव

टिप : दि. १९/१०/२०२३ रोजीचे परिपत्रक क्र. २४२/२०२३ रद्द समजण्यात यावे.

प्रत माहितीसाठी व पुढील योग्य त्या कार्यवाहीसाठी:—

१. मा. अधिष्ठाता, विज्ञान व तंत्रज्ञान विद्याशाखा, प्रस्तुत विद्यापीठ
२. मा. संचालक, परीक्षा व मूल्यमापन मंडळ, प्रस्तुत विद्यापीठ
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४. मा. प्राचार्य, सर्व संबंधित संलग्न महाविद्यालये

संदर्भ : व्ही.सी. टिपणी क्र.: ४७०२, दि. १८ ऑक्टोबर, २०२३

Savitribai Phule Pune University

RULES AND REGULATIONS

for

Implementation of National Education Policy -2020 to Post Graduate in Science Programme For Campus Departments and Affiliated Colleges

Under Faculty of Science and Technology

Effective from June 2023

Prof. (Dr.) S. D. Dhole
Director, IQAC, SPPU, Pune
UG/PG Rule & Regulation committee,
SPPU, Pune

Prof. (Dr.) M.G. Chaskar
Dean,
Faculty of Science & Technology
SPPU, Pune

1. Introduction:

Education plays enormously significant role in building of a nation. There are quite a large number of educational institutions, engaged in imparting education in our country. Majority of them have entered recently into semester system to match with international educational pattern. However, our present education system is churning out youth who have to compete locally, regionally, nationally as well as globally. The present alarming situation necessitates transformation and/or redesigning of system, not only by introducing innovations but developing "learner-centric approach.

The Government of India announced the National Education Policy-2020 in July 2020. National Education Policy, 2020 (NEP) envisions a massive transformation in education through– "an education system rooted in Indian ethos that contributes directly to transforming India, that is Bharat, sustainably into an equitable and vibrant knowledge society, by providing high quality education to all, thereby making India a global knowledge superpower." The NEP 2020 is founded on the five guiding pillars of Access, Equity, Quality, Affordability and Accountability. It will prepare our youth to meet the diverse national and global challenges of the present and the future. A substantial part of the policy document is devoted to higher education, with emphasis on multidisciplinary approach, faculty and institutional autonomy, governance reforms, enhancing access through credit mobility, open and digital learning environment, and skills development.

The NEP provides flexibility to students in terms of choice of subjects to study and academic pathways. The NEP 2020 also states that there will be multiple entry and exit points in the academic programmes offered at Higher Education Institutions (HEIs) with the aim of removing rigid boundaries and create new possibilities for students to choose and learn the subject(s) of their choice. This will also pave the way for students to have seamless mobility within or across the HEIs through formal system of credit recognition and transfer.

1.1 Preface

In a bid to fine tune our scientific education system to the global standards & practices, the NEP – 2020 has been implemented with effect from June 2023 for all the Post Graduate Programmes (PG) of affiliated colleges under the Faculty of Science, Savitribai Phule Pune University, Pune, starting with First Year. With the advent of frontier science, technology and ever-changing expectations from the Industry and Society, it has become imperative to relook at the structure and subject contents of various PG courses to make it contemporary and relevant.

As per the decision by the authorities of Savitribai Phule Pune University, the faculty of Science has prepared the Credit Framework. The revised credit structure is of 88 credits and each semester is of 22 credits. The new credit structure includes research component of almost 14 credit including research methodology course in the first semester. Assessments in credit system consist of A) In-semester continuous assessment and B) End-semester assessment for the Theory head and Term Work/ Practical / Oral / Presentation at the end of the semester for Practical, Oral, Seminar and Project Head.

The faculty of Science has shouldered the idea of incorporating latest advances in Science and technology and equips the subject/syllabus contents with latest and relevant topics and know-hows. Accordingly, the new structure and syllabi are being introduced, to be implemented from the academic year 2023-24 from First Year and it will continue for

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

R.1. All PG programmes, under Faculty of Science shall be offered with the given credit structure under the NEP-2020.

R.2. All the M.Sc programmes running under the Faculty of Science will be of two years (four semester) duration.

R.3. The M.Sc. degree will be awarded to students who complete a total of 88 credits in a minimum of two years by completing on an average 22 credits per semester.

R.4. Each theory credit is equivalent to 15 clock hours of teaching and Each practical credit is equivalent to 30 clock hours of teaching in a semester

R.5. Final CGPA will be calculated on the basis of 88 credits.

R.6. There is 15 weeks teaching during each semester.

R.7. Except practical credits wherever applicable, students may be allowed to complete less courses per semester on a condition they complete the two-year degree course in a maximum of four years and a three-year degree course in a maximum of five years. This facility will be available subject to the availability of concerned courses in a given semester and with a maximum variation of 25 per cent credits (in case of fresh credits) per semester.

R.8. The credit framework includes major core and major elective course. Major core are the courses which are common to all and college has to provide option for the major elective.

1.2 Advantages of the NEP – 2020 :

1. Shift in focus from the teacher-centric to student-centric education.
2. Student may undertake as many credits as they can cope with (without repeating all courses in a given semester if they fail in one/more courses).
3. NEP allows student to complete on On Job Training as part of curriculum.
4. Research is a major component in the NEP, student has to complete 10 credit in the research component.
5. NEP has given option to choose elective in each semester.
6. NEP allows to take exit after one year with PG diploma degree.
7. Students who will complete the four year of under graduate programme can join to the second year of post-graduation.
8. NEP introduces a concept of Major subject is the subject of main focus of the degree and degree will be awarded in that subject.
9. Students are allowed to take admission in the same major for post graduation in which he/ she completed under graduation.

1.3 Implementation of PG course structure:

1. For the purpose of computation of work-load the following mechanism may be adopted as per UGC guidelines:
   i)1 Credit = 1 Theory period of one hour duration per week
   iii)1 Credit = 1 Practical period of two hour duration per week
2. Each theory Lecture time is of 1 hour = 60 min
3. Exam pattern: University assessment 70 % and continuous internal assessment 30%.

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2. PG Programme Structure:

2.1 Each M.Sc. programme is of 2 years duration. The minimum total no. of credits requirement for each programme is 88. In the structure, the credits are distributed over 4 semesters. The open elective included in each semester, gives the student a wide choice of subjects from other programmes. The Credit structure for M.Sc. programme is given below in Table 1.

Table 1 :Credit Framework for Post Graduate (PG)

Level	Semester	Credits Related to Major		Research Methodology (RM)	Internship On Job Training (OJT)	Research Project (RP)	Total
		Major Core	Major Elective				
6.0	I	10(T) + 4(P)	2 (T) + 2 (T/P)	4	0	0	22
	II	10(T) + 4(P)	2 (T) + 2 (T/P)	0	4 (OJT)	0	22
Exit option: Award PG Diploma on completion of 44 Credits after Three Year UG Degree **OR** continue with PG second year							
6.5	III	10 (T) + 4 (P)	2 (T) + 2 (T/P)	0	0	4	22
	IV	8 (T) + 4 (P)	2 (T) + 2 (T/P)	0	0	6	22
Total		**54**	**16**	**4**	**4**	**10**	**88**
2 Years-4 Sem. Award PG Degree on completion 88 credits after Three Year UG Degree or 1 Year-2 Sem PG Degree (44 credits) after Four Year UG Degree							

Abbreviation: T – Theory, P – Practical

Table 2: Structure for Postgraduate Science Programme

Sr. No.	Course Code	Course Category	Theory/ practical	Credit
Semester – 1				
1	SUBJECTCODE–501–MJ	Major Core	Theory	4
2	SUBJECTCODE–502–MJ	Major Core	Theory	4
3	SUBJECTCODE–503–MJ	Major Core	Theory	2
4	SUBJECTCODE–504–MJP	Major Core	Practical	4
5	SUBJECTCODE–510–MJ	Major Elective	Theory	2
6	SUBJECTCODE–511–MJP	Major Elective	Practical	2
7	SUBJECTCODE–541–RM	Research Methodology	Theory / Practical	4
Semester – 2				
1	SUBJECTCODE–551–MJ	Major Core	Theory	4
2	SUBJECTCODE–552–MJ	Major Core	Theory	4
3	SUBJECTCODE–553–MJ	Major Core	Theory	2
4	SUBJECTCODE–554–MJP	Major Core	Practical	4
5	SUBJECTCODE–560–MJ	Major Elective	Theory	2

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6	SUBJECTCODE–561–MJP	Major Elective	Theory / Practical	2
7	SUBJECTCODE–581–OJT	On Job Training	Practical	4
Semester – 3				
1	SUBJECTCODE–601–MJ	Major Core	Theory	4
2	SUBJECTCODE–602–MJ	Major Core	Theory	4
3	SUBJECTCODE–603–MJ	Major Core	Theory	2
4	SUBJECTCODE–604–MJP	Major Core	Practical	4
5	SUBJECTCODE–610–MJ	Major Elective	Theory	2
6	SUBJECTCODE–611–MJP	Major Elective	Theory / Practical	2
7	SUBJECTCODE–631–RP	Research Project	Theory	4
Semester – 4				
1	SUBJECTCODE–651–MJ	Major Core	Theory	4
2	SUBJECTCODE–652–MJ	Major Core	Theory	4
4	SUBJECTCODE–654–MJP	Major Core	Practical	4
5	SUBJECTCODE–660–MJ	Major Elective	Theory	2
6	SUBJECTCODE–661–MJP	Major Elective	Theory / Practical	2
7	SUBJECTCODE–681–RP	Research Project	Theory	6

Note: i) Each credit will be equivalent to 15 clock hours of teaching

iii) Credit: A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (theory) or two hours of practical work/field work per week.

iv) Refer detailed rules and regulations in the government resolution reference number NEP-2022/Pr.Kr.09/Vi.Shi.3 Shi.ka.na. dated 16 May 2023.

v) Major subject is the subject of main focus of the degree and degree will be awarded in that subject.

vi) Major core are the courses which includes the main content of the major subject while major elective are the course which will be chosen as the students choice

vii) Use major's subject code at the place of 'SUBJECTCODE' in code shown above. The details of the subject code and abbreviation are given in the annexure – 1

3. Eligibility for Admission:

- Eligibility to take admission for first year of M.Sc. program in the major subject is that the student has completed three-year bachelor degree in the same major.

Dr. Chaskar M. G.

- Eligibility to take direct admission to second year M.Sc. program in the major subject is that the student has completed four year honour degree in the same major.
- Admissions will be given as per the selection procedure / policies adopted by the respective college keeping in accordance with conditions laid down by the Savitribai Phule Pune University of Pune.
- Reservation and relaxation will be as per the Government rules.

3.2 Medium of Instruction: English

3.3 Award of Credits:

- Each course having 4 credits shall be evaluated out of 100 marks and student should secure at least 40 marks (40%) to earn full credits of that course.
- Each course having 2 credits shall be evaluated out of 50 marks and student should secure at least 20 marks (40%) to earn full credits of that course.
- GPA shall be calculated based on the marks obtained in the respective subject provided that student should have obtained credits for that course. Structure of marks scheme for NEP credit system program is given in Table 3.

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Table 3: Structure of Examination Mark Scheme for Postgraduate Science Programme under NEP-2020. The below example considers Physics as a Major subject

Semester	Course Name	Course Title	Credit	Maximum Internal Marks	Maximum External Marks
I	PHY–501–MJ		4	30	70
	PHY–502–MJ		4	30	70
	PHY–503–MJ		2	15	35
	PHY–504–MJP		4	30	70
	PHY–510–MJ		2	15	35
	PHY–511–MJP		2	15	35
	PHY–541–RM		4	30	70
II	PHY–551–MJ		4	30	70
	PHY–552–MJ		4	30	70
	PHY–553–MJ		2	15	35
	PHY–554–MJP		4	30	70
	PHY–560–MJ		2	15	35
	PHY–561–MJP		2	15	35
	PHY–581–RM		4	30	70
III	PHY–601–MJ		4	30	70
	PHY–602–MJ		4	30	70
	PHY–603–MJ		2	15	35
	PHY–604–MJP		4	30	70
	PHY–610–MJ		2	15	35
	PHY–611–MJP		2	15	35
	PHY–631–RP		4	30	70
IV	PHY–651–MJ		4	30	70
	PHY–652–MJ		4	30	70
	PHY–653–MJ		2	15	35
	PHY–654–MJP		4	30	70
	PHY–660–MJ		2	15	35
	PHY–661–MJP		2	15	35
	PHY–681–RM		4	30	70

Dr. Chaskar M. G.

4. Evaluation Pattern:

Examination Rules

4.1 A student cannot appear for semester end examination unless he/she has maintained 75% attendance during the teaching period of that course. If a student fails to maintain attendance up to 75%, at the time of filling of examination forms, an undertaking from the student should be taken stating that he/she will be allowed to appear for examination subject to fulfillment of required attendance criteria during the remaining period of teaching of the course.

4.2 Each course carrying 100 marks shall be evaluated with Continuous Assessment (CA) and University Evaluation (UE) mechanism.

4.3 Continuous assessment shall be of 30 marks (30%) while University Evaluation shall be of 70 marks (70%). To pass in a course, a student has to secure minimum 40 marks (40%) provided that he should secure minimum 28 marks (40%) in University Evaluation (UE) and 12 marks (40%) in continuous assessment.

4.4 Each credit will have an internal (continuous) assessment of 30% of marks and a teacher must select a variety of procedures for examination such as:

a) Written Test and/or Mid Term Test (not more than one for each course)
b) Term Paper;
c) Viva-voce,
d) Projects / Surveys / Field visits,
e) Tutorials,
f) Group Discussion
g) Journal/Lecture/Library notes;
h) Seminar presentation;
i) Short Quizzes;
j) Assignments;
k) Extension Work;
l) Research Project by individual students or group of students; or
m) An Open Book Test (with the concerned teacher deciding what books are to be allowed for this purpose.)

etc (on approval of the head of the centre)

4.5 If a student misses an internal assessment examination, he/she will have a second chance with the permission of the teacher concerned. Such a second chance shall not be the right of the student; it will be the discretion of the teacher concerned to give or not to give second chance to a student to appear for internal assessment.

4.6 The research project course will be evaluated on the basis of viva voce conducted at the end of semester. A separate mechanism will be declared to evaluate the research project which will include the weightage to publication in journal or presentation in conference.

4.7 Students who have failed semester-end exam may reappear for the semester-end exam in the subsequent period. The student will be finally declared as failed if he/she does not pass in all credits within a total period of four years in case of two year courses and five years in case of three year courses. After that, such students will have to seek fresh admission as per the admission rules prevailing at that time.

Dr. Chaskar

4.8 Internal marks will not change. A student cannot repeat internal assessment. In case he/she wants to reappear for the internal assessment he/she can do so only by registering for the said courses during the semesters in which the courses are being conducted.

4.9 There shall be revaluation of the answer scripts of semester-end examination of theory papers only but not of internal assessment papers as per Ordinance no 134 A and B.

4.10 While marks will be given for all examinations, they will be converted into grades. The semester end and final grade sheets and transcripts will have only grades and grade points average.

4.11 Except for the technology faculty, in subjects or departments where project work is part of the credits, the project will consist of not more than ten percent of the total credits for the degree course.

5. ATKT Rules:

5.1 Minimum number of credits required to take admission to Second Year: 22 [50% of total credit in first year]

5.2 A student cannot register for the third semester, if he/she fails to complete 50% credits of the total credits expected to be ordinarily completed within two semesters. In this case, a student can seek admission to first or second semester in order to complete the requisite number of credits and to be able to seek admission in the third semester.

10.Completion of Degree Course:

6.1 A student, who earns 88 credits, shall be considered to have completed the requirements of the M. Sc. degree program and CGPA will be calculated for such student.

6.2 The following percentage to grade and grade point is given in Table-4 and respected example of CGPA calculated is given in Table-5.

Table - 4 : Percentage to Grades and Grade Points

Sr. No.	Grade Letter	Grade Point	Marks
1	O (Outstanding)	10	$90 \leq$ Marks ≤ 100
2	A+ (Excellent)	9	$75 \leq$ Marks ≤ 89
3	A (Very Good)	8	$60 \leq$ Marks ≤ 74
4	B+ (Good)	7	$55 \leq$ Marks ≤ 59
5	B (Above Average)	6	$50 \leq$ Marks ≤ 54
6	C (Average)	5	$45 \leq$ Marks ≤ 49
7	D (Pass)	4	$40 \leq$ Marks ≤ 44
8	F (Fail)	0	Marks < 40
9	Ab (Absent)	0	

Table 5 : Structure of CGPA and Mark Scheme of Choice Based Credit System for Postgraduate Science Programme (An Example)

Semester	Course Name	Course Title	Credit	Maximum Internal Marks	Maximum External Marks	Grade Letter (F-O)	Grade point (0 - 10)	Credit Point = (Credit x Grade point)
I	PHY–501–MJ		4	30	70	A	8	32
	PHY–502–MJ		4	30	70	O	10	40
	PHY–503–MJ		2	15	35	A+	9	18
	PHY–504–MJP		4	30	70	B+	7	28
	PHY–510–MJ		2	15	35	A+	9	18
	PHY–511–MJP		2	15	35	O	10	20
	PHY–541–RM		4	30	70	O	10	40
			22					**196**
	SGPA	**Total Credit point for semester / Total credit for the semester**						**8.91**
II	PHY–551–MJ		4	30	70	O	10	40
	PHY–552–MJ		4	30	70	O	10	40
	PHY–553–MJ		2	15	35	A+	9	18
	PHY–554–MJP		4	30	70	A	8	32
	PHY–560–MJ		2	15	35	A+	9	18
	PHY–561–MJP		2	15	35	O	10	20
	PHY–581–RM		4	30	70	A	8	32
			22					**200**
	SGPA	**Total Credit point for semester / Total credit for the semester**						**9.10**
III	PHY–601–MJ		4	30	70	A	8	32
	PHY–602–MJ		4	30	70	O	10	40
	PHY–603–MJ		2	15	35	A+	9	18
	PHY–604–MJP		4	30	70	B+	7	28
	PHY–610–MJ		2	15	35	A+	9	18
	PHY–611–MJP		2	15	35	O	10	40
	PHY–631–RP		4	30	70	A	8	32
			22					**208**
	SGPA	**Total Credit point for semester / Total credit for the semester**						**9.45**
IV	PHY–651–MJ		4	30	70	A+	9	36
	PHY–652–MJ		4	30	70	D	4	16
	PHY–653–MJ		2	15	35	A+	9	18
	PHY–654–MJP		4	30	70	B+	7	28
	PHY–660–MJ		2	15	35	A+	9	18
	PHY–661–MJP		2	15	35	O	10	20

	PHY–681–RM		4	30	70	O	10	40
			22					**176**
	SGPA	**Total Credit point for semester / Total credit for the semester**						**8.00**
	CGPA	**Total Credit point / Total credit for the course**						**8.86**
	Final Grade							A+ (Excellent)
	% of Marks							**81.36 %**

7. PERFORMANCE INDICES:

The semester end grade sheet will contain grades for the courses along with titles and SGPA. Final grade sheet and transcript shall contain CGPA.

7.1 **Semester Grade Point Average (SGPA)** -The performance of a student in a semester is indicated by a number called the Semester Grade Point Average (SGPA). The SGPA is the weighted average of the grade points obtained in all the courses, seminars and projects registered by the student during the semester.

$$SGPA = \frac{\sum_{i=1}^{p} C_i G_i}{\sum_{i=1}^{p} C_i}$$

$$SGPA = \frac{\sum Grade\ Points\ Earned\ \times Credits\ for\ each\ course}{Total\ Credits}$$

For Example: suppose in a given semester a student has registered for five courses having credits C1, C2, C3, C4, C5 and his / her grade points in those courses are G1, G2, G3, G4, G5 respectively.

Then students

$$SGPA = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4G_4 + C_5G_5}{C_1 + C_2 + C_3 + C_4 + C_5}$$

SGPA is calculated up to two decimal places by rounding off.

7.2 Course Grade Point Average (CGPA)- The CGPA is the weighted average of the grade points obtained in all the courses (Theory/term work/practical/oral/presentation) of first semester to sixth semester for the students admitted in the First year and third to sixth semester for the students directly admitted at Second year. It is calculated in the same manner as the SGPA.

In case of a student passing a failed course or in case of improvement, the earlier grade would be replaced by the new grade in calculation of the SGPA and CGPA.

8. RESULT:

Dr. Chaskar M.G.

Based on the performance of the student in the semester examinations, the Savitribai Phule Pune University will declare the results and issue the Semester Grade sheets.

The class shall be awarded to a student on the CGPA calculated as mentioned in Rule no. 6.1. The award of the class shall be as per Table 6 and corresponding percentage calculation for the CGPA is given in Table 7 along with all details and examples.

Table 6: CGPA distribution and corresponding class of the degree awarded

Sr. No	CGPA	Class of the Degree awarded
1	9.50 or More than 9.50	Outstanding (O)
2	8.25 or more but less than 9.50	Excellent (A+)
3	6.75 or more but less than 8.25	Very Good (A)
4	5.75 or more but less than 6.75	Good (B+)
5	5.25 or more but less than 5.75	Above Average (B)
6	4.75 or more but less than 5.25	Average (C)
7	4.00 or more but less than 4.75	Pass (D)

Table 7: Percentage calculation of a corresponding CGPA

For the calculation of Percentage from CGPA following equation can be used.

$$\%\ of\ Marks = \begin{Bmatrix} if\ O\ grade\ then\ 20 \times CGPA - 100 \\ if\ A+\ grade\ then\ 12 \times CGPA - 25 \\ if\ A\ grade\ then\ 10 \times CGPA - 7.5 \\ if\ B+\ grade\ then\ 5 \times CGPA + 26.25 \\ if\ B\ grade\ then\ 10 \times CGPA - 2.5 \\ if\ C\ grade\ then\ 10 \times CGPA - 2.50 \\ if\ D\ grade\ then\ 6.6 \times CGPA + 13.6 \end{Bmatrix}$$

The factors considered in the above equations are evaluated from the grade point and marks distribution given in Table 4. The examples of the calculation of percentage are given in the Table 8.

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Dr. Chaskar M.G.

Table 8: Some examples of CGPA to percentage calculations

Obtained CGPA	Equation	Percentage (%)	Grade
10	20×10-100=100	100	O
9.75	20×9.75-100=95	95	O
9.5	20×9.5-100=90	90	O
9.0	12×9-24=84	84	A+
8.25	12×8.25-24=75	75	A+
8.0	10×8.0-7.5=72.5	72.5	A
7.0	10x7.0-7.5=62.5	62.5	A
6.75	10x6.75-7.5=60.0	60.0	A
6.25	5x6.25+26.25=57.5	57.5	B+
5.75	5x5.75+26.25=55	55	B+
5.5	10x5.5-2.5=52.5	52.5	B
5.25	10x5.25-2.5=50	50	B
4.75	10x4.75-2.50=45	45	C
4.0	6.6x4.0+13.6=40	40	D

While declaring the result, the existing relevant ordinances are applicable. There is also a provision for verification and revaluation. In case of verification, the existing rules will be applicable. The revaluation result will be adopted if there is a change of at least 10% marks and in the grade of the course.

For grade improvement a student will have to take minimum 30% of the requisite number of credits for the concerned degree. These courses will be theory courses from the parent department. Grade improvement programme will be implemented at the end of the academic year. A student can opt for the grade improvement programme only after the declaration of the result for his/her final semester exam, i.e., at the end of the next academic year after passing the final examination and within two years of completion of the degree and only once.

Dr. Chaskar M.G.

Annexure – 1

Subject Codes
Savitribai Phule Pune University

Subject Codes are assigned to all the disciplines across the faculties of Savitribai Phule Pune University.

Subject Name	Subject Code	Subject Name	Subject Code
Economics	ECO	Botany	BOT
Education	EDU	Chemistry	CHE
English	ENG	Organic Chemistry (PG)	CHO
Geography	GEO	Analytical Chemistry (PG)	CHA
Hindi	HIN	Electronic Science	ELS
History	HIS	Industrial Microbiology	IM
Logic	LOG	Mathematics	MTS
Marathi	MAR	Microbiology	MB
Philosophy	PHL	Physics	PHY
Political Science	POL	Statistics	STS
Psychology	PSY	Zoology	ZOO
Sociology	SOC	Biodiversity	BD
Physical Education	PE	Biotechnology	BT
Library & Information	LIB	Computer Application	CA
Journalism Mass & Communication	JMC	Computer Science	CS
Bvoc Beauty & Wellness	BW	Bvoc Media Convergence	MD
Bvoc Mass Communication	MC		

I) Subject Codes: To be used by all faculties as per their subjects. The Subject Codes which are not being listed below should be assigned by the respective BOS.

II) Course Numbers: Physics as an example. For other discipline or subject physics can be replaced by the respective subject code

Program	Year	Sem	Major				Minor	IKS
			Core	Elective	VSC	FP/OJT/CEP/RP (This specific head of subject assigned to each semester as per the given course number in the same fashion e.g. PHY 231 CEP)		
Under Graduation UG	First Year	I	PHY 101 MJ to PHY 119 MJ		PHY 121 VSC to PHY 129 VSC	–	–	PHY 101 IKS to PHY 119 IKS

		II	PHY 151 MJ to PHY 169 MJ		PHY 171 VSC to PHY 179 VSC	–	PHY 191 MN to PHY 199 MN	PHY 151 IKS to PHY 169 IKS
	Second Year	III	PHY 201 MJ to PHY 219 MJ		PHY 221 VSC to PHY 229 VSC	231 to 239	PHY 241 MN to PHY 249 MN	
		IV	PHY 251 MJ to PHY 269 MJ		PHY 271 VSC to PHY 279 VSC	281 to 289	PHY 291 MN to PHY 299 MN	
	Third Year	V	PHY 301 MJ to PHY 309 MJ	PHY 310 MJ to PHY 319 MJ	PHY 321 VSC to PHY 329 VSC	331 to 339	PHY 341 MN to PHY 349 MN	
		VI	PHY 351 MJ to PHY 359 MJ	PHY 360 MJ to PHY 369 MJ	PHY 371 VSC to PHY 379 VSC	381 to 389	PHY 391 MN to PHY 399 MN	
	Fourth Year	VII	PHY 401 MJ to PHY 409 MJ	PHY 410 MJ to PHY 419 MJ	–	431 to 439	PHY 441 MN to PHY 449 MN	
		VIII	PHY 451 MJ to PHY 459 MJ	PHY 460 MJ to PHY 469 MJ	–	481 to 489	–	
Post Graduation PG	First Year	I	PHY 501 MJ to PHY 509 MJ	PHY 510 MJ to PHY 529 MJ	–	531 to 539	PHY 541 MN to PHY 549 MN	
		II	PHY 551 MJ to PHY 559 MJ	PHY 560 MJ to PHY 579 MJ	–	581 to 589	–	
	Second Year	III	PHY 601 MJ to PHY 609 MJ	PHY 610 MJ to PHY 629 MJ	–	631 to 639	–	
		IV	PHY 651 MJ to PHY 659 MJ	PHY 660 MJ to PHY 679 MJ	–	681 to 689	–	

III) T – This theory course (should be kept as MJ only mentions theory)

P - Practical courses need to be mentioned as MJP for a major or MNP for a minor.

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Dr. Chaskar M.G.

IV) FP/OJT/CEP/RP - This is to be assigned as per the course (FP/OJT/CEP/RP) run in the semester

for example (PHY 231 CEP, PHY 232 OJT, PHY 233 CEP, PHY 234 RP).

Any course run in the semester will be assigned as per the example.

V) GE/OE, SEC, AEC pattern of the course code as follows. These are all offered other than major subjects.

Program	Year	Sem	GE/OE	SEC	AEC	VEC	CC
Under Graduation UG	First Year	I	OE-101-PHY to OE-119-PHY	SEC-101-PHY to SEC-119-PHY	AEC-101-ENG to AEC-119 ENG	VEC-101-ENV to VEC-129-ENV	CC-101-PE, NSS, NCC to CC-119-PE, NSS, NCC
		II	OE-151-PHY to OE169-PHY	SEC-151-PHY to SEC-169-PHY	AEC-151-ENG to AEC-169 ENG	VEC-151-ENV to VEC-169-ENV	CC-151-PE, NSS, NCC to CC-169-PE, NSS, NCC
	Second Year	III	OE-201-PHY to OE-219-PHY	SEC-201-PHY to SEC-219-PHY	AEC-201-MAR/HIN to AEC-219-MAR/HIN	VEC-201-ENV to VEC-229-ENV	CC-201-PE, NSS, NCC to CC-219-PE, NSS, NCC
		IV	OE-251-PHY to OE-269-PHY	SEC-251-PHY to SEC-269-PHY	AEC-251-MAR/HIN to AEC-269-MAR/HIN	VEC-251-ENV to VEC-269-ENV	CC-251-PE, NSS, NCC to CC-269-PE, NSS, NCC
	Third Year	V	OE-301-PHY to OE-319-PHY	SEC-301-PHY to SEC-319-PHY	–	–	–
		VI	OE-351-PHY to OE-369-PHY	SEC-351-PHY to SEC-369-PHY	–	–	–
	Fourth Year	VII	OE-401-PHY to OE-419-PHY	SEC-401-PHY to SEC-419-PHY	–	–	–
		VIII	OE-451-PHY to OE-469-PHY	SEC-451-PHY to SEC-469-PHY	–	–	–

VI) Vertical Codes: Nomenclatures of all verticals and their codes

Vertical Name	Vertical Code
Major	MJ
Minor	MN
Generic Elective / Open Elective	OE
Vocational Skill Course	VSC
Skill Enhancement Course	SEC

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Ability Enhancement Course	AEC
Value Education Course	VEC
On Job Training (Internship)	OJT
Field Project	FP
Community Engagement Project	CEP
Indian Knowledge System	IKS
Research Project	RP

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