



SHIVAJI UNIVERISTY, KOLHAPUR-416 004. MAHARASHTRA

PHONE : EPABX-2609000 website- www.unishivaji.ac.in

FAX 0091-0231-2691533 & 0091-0231-2692333 – BOS - 2609094

शिवाजी विद्यापीठ, कोल्हापूर – 416004.

दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग— २६०९०९४)

फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

जा.क्र./एसयु/बीओएस/ No 1725

दिनांक: 10 JUL 2020

प्रति,

मा.प्राचार्य,
सर्व संलग्नित महाविद्यालये
शिवाजी विद्यापीठ, कोल्हापूर

विषय:— शैक्षणिक वर्ष 2018–19 पासून लागू करण्यात आलेल्या B.Sc.(CBCS) Structure व Handbook मधिल दुरुस्तीबाबत.

संदर्भ :-SU/BOS/Science & Technology/4749/Dated 01/06/18.

महोदय/महोदया,

उपरोक्त विषयासंदर्भात विद्यापीठ अधिकार मंडळाच्या निर्णयानुसार आपणास कळविण्यात येते की, शैक्षणिक वर्ष 2018–19 पासून लागू करण्यात आलेल्या B.Sc.(CBCS) Structure व Handbook मध्ये आवश्यक दुरुस्ती करून सोबत सुधारीत Structure व Handbook जोडले आहे.

तसेच Structure व Handbook विद्यापीठाच्या www.unishivaji.ac.in (Online Syllabus) या संकेतस्थळावर उपलब्ध करण्यात आहेत. सदरची बाब सर्व संबंधीतांच्या निदर्शनास आणून द्यावी.

कळावे,

आपला विश्वासू

उपकुलसचिव

- प्रत :- 1) संचालक,परीक्षा व मुल्यमापन मंडळ.
2) प्र.अधिष्ठाता, विज्ञान व तंत्रज्ञान विद्याशाखा.
3) अध्यक्ष,सर्व अभ्यासमंडळ/अस्थायी मंडळ,विज्ञान व तंत्रज्ञान विद्याशाखा.
4) बी.एस्सी. परीक्षा विभाग

सोबत : B.Sc.(CBCS) Structure व Handbook जोडले आहे.

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade

Regulations and Guidelines

Choice Based Credit System (CBCS)

Bachelor of Science (B.Sc.) Program

Under the Faculty of Science & Technology

(To be implemented from Academic Year 2018-19)

Shivaji University, Kolhapur
Regulations and Guidelines
Choice Based Credit System (CBCS)
Bachelor of Science (B.Sc.) Program
Under the Faculty of Science & Technology
(To be implemented from Academic Year 2018-19)

1. Implementation of Regulations & Guidelines: The Regulations & guidelines shall be implemented gradually as mentioned below –

- a) B.Sc. Part – I From Academic Year 2018- 19
- b) B.Sc. Part – II From Academic Year 2019- 20
- c) B.Sc. Part – III From Academic Year 2020- 21

2. Eligibility Criteria: As per Ordinance – O. B. Sc. 1

3. Duration and pattern of program: The total duration of B. Sc. Program shall be of 3 years. The pattern of CBCS shall be of semester type. There shall be 6 semesters each of 6 months duration.

4. Weightage: There shall be 2600 marks for 3 years B. Sc. CBCS Program with 132 Credits.

a) B.Sc. Part – I (Sem I & II) :

For B. Sc. Part - I total credits shall be 48 with 24 credits for each semester of these; there shall be 16 credits for theory and 8 credits for practical per semester.

- I. There shall be an Ability Enhancement Compulsory Course (subject) (hereafter termed as AECC) with Paper-A for Sem-I and Paper-B for Sem-II each of 50 marks as compulsory English course. *This course shall be of Non – CGPA type.*
- II. There shall be 4 Discipline Specific Core Courses (subjects) (hereafter termed as DSC) per semester.
- III. There shall be 2 theory papers each of 50 marks for a DSC.
- IV. There shall be 1 practical of 50 marks for each DSC.

b) B.Sc. Part –II (Sem III & IV)

For B. Sc. Part-II total credits shall be 52 with 28 credits for Sem-III and 24 Credits for Sem-IV. For Sem-III there shall be 16 credits for theory and 12 credits for practical and for Sem-IV there shall be 12 credits for theory and 12 credits for practical.

- I. There shall be an AECC with Paper-C (Theory for 70 marks) and Paper-D (Project for 30 marks) as compulsory Environmental Studies course. The examination of this course shall be conducted at the end of Sem-IV. The credits of this course shall be assigned at the end of Sem-IV.
- II. There shall be 3 DSC (subjects) per semester.
- III. There shall be 2 theory papers each of 50 marks for a DSC.
- IV. There shall be 1 practical of 100 marks for each DSC.

c) B.Sc. Part –III (Sem V & VI)

For B. Sc. Part-III total credits shall be 32 with 16 credits for each semester of these; there shall be 8 credits for theory and 8 credits for practical per semester.

- I. There shall be an AECC with Paper-E for Sem-V and Paper-F for Sem-VI each of 50 marks as compulsory English course. *This course shall be of Non – CGPA type.*
- II. There shall be one Discipline Specific Elective (hereafter termed as DSE) as a special course (subject).
- III. There shall be 4 theory papers each of 50 marks for a DSE.
- IV. There shall be 4 practical each of 50 marks.

5. Ordinances regarding the examination – O. B.Sc. 2, 3 and 4 shall prevail; however, there is no Internal Examination for any Paper or Course. The Results of the Examination shall be declared on the basis of credits gained and grades achieved.

6. Practical examinations – There shall be annual system of examination in respect of practical examinations for B.Sc. program. The rules for practical examinations shall be as per the letter / circular issued by respective Board of Studies time to time.

7. Equivalence of papers and chances for the students in previous semester pattern – Two additional chances shall be provided for the repeater students of the B.Sc. Program. After this, the concerned students will have to appear for the examination as per this revised scheme.

8. Standard of passing

a) For B.Sc. Part– I (Sem I & II)

Except English, there shall be combined passing for two theory papers of 50 marks each for each course (subject) i.e. minimum 35 marks out of 100 are required for passing. There shall be separate passing for theory and practical courses. Minimum 18 marks out of 50 are required for passing practical examination of each course. For English theory exam, minimum 18 marks out of 50 are required for passing.

b) For B. Sc. Part– II (Sem III & IV)

Except Environmental Studies, there shall be combined passing for two theory papers of 50 marks each for each course i.e. minimum 35 marks out of 100 are required for passing. There shall be separate passing for theory and practical courses. Minimum 35 marks out of 100 required for passing of practical examination of each course. For Environmental Studies theory paper, minimum 25 marks out of 70 and for project minimum 10 marks out of 30 are required for passing. There shall be separate passing for theory and project examination for Environmental Studies.

c) For B. Sc. Part– III (Sem V & VI)

There shall be four theory papers of 50 marks each for Sem-V and Sem-VI. Out of these 50 marks, university examination shall be of 40 marks and an internal examination shall be of 10 marks for each theory paper. There shall be separate passing for four theory papers. Minimum 14 marks out of 40 are required for passing university examination and minimum 4 marks out of 10 are required for passing the internal examination. There shall be separate passing for university and internal examinations. For practical examination minimum 70 marks out of 200 are required for passing. There shall be separate passing for theory and practical examinations. For English, minimum 18 (14+4) marks out of 50 (40+10) are required for passing.

d) Gradation Chart :

Marks Obtained	Numerical Grade (Grade Point)	CGPA	Letter Grade
Absent	0 (zero)	-	-
0 – 34	0 (zero)	0.0 – 4.99	F (Fail)
35 – 44	5	5.00 – 5.49	C
45 – 54	6	5.50 – 6.49	B
55 – 64	7	6.50 – 7.49	B+
65 – 74	8	7.50 – 8.49	A
75 – 84	9	8.50 – 9.49	A+
85 – 100	10	9.50 – 10.0	O (Outstanding)

Note:

1. Marks obtained ≥ 0.5 shall be rounded off to next higher digit.
2. The SGPA & CGPA shall be rounded off to 2 decimal points.
3. Marks obtained in 50 marks or 200 marks paper shall be converted to 100 marks.

Calculation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)

$$\text{SGPA} = \frac{\sum(\text{Course credits} \times \text{Grade points obtained}) \text{ of a semester}}{\sum(\text{Course credits}) \text{ of respective semester}}$$

$$\text{CGPA} = \frac{\sum(\text{Total credits of a semester} \times \text{SGPA of respective semester}) \text{ of all semesters}}{\sum(\text{Total course credits}) \text{ of all semesters}}$$

9. Result - The result of each semester shall be declared as Pass or Fail. However, ATKT rules will be followed for theory and practical passing.

10. For B.A II. Geography and I.D.S. examination rules of Social Science Faculty shall be followed. For B.A Home Science existing examination pattern shall be continued.

11. Revised Rules - These revised rules shall be gradually implemented with effect from the academic year 2018 - 19 for B.Sc. Part-I, year 2019 - 20 for Part-II and year 2020 - 21 for Part-III. However, the existing (i.e. pre-revised) rules shall remain in force for the students of semester pattern during the transition period.

R. B. Sc. 3: structure and course list as per enclosed annexure.

R.B. Sc. 3 (i): The following shall be the courses of the studies under CBCS pattern

B. Sc. – I CBCS PATTERN

Structure – I

SEMESTER – I (Duration – 6 Months)															
	Sr. No.	Course Code	TEACHING SCHEME						EXAMINATION SCHEME						
			THEORY			PRACTICAL			THEORY				PRACTICAL		
			Credits	No. of lectures	Hours	Credits	No. of lectures	Hours	Hours	Max	Total Marks	Min	Hours	Max	Min
CGPA Courses	1	DSC-A	2	5	4	2	4	3.2	2	50	100	35	PRACTICAL EXAMINATION IS ANNUAL		
	2	DSC-A	2						2	50					
	3	DSC-A	2	5	4	2	4	3.2	2	50	100	35			
	4	DSC-A	2						2	50					
	5	DSC-A	2	5	4	2	4	3.2	2	50	100	35			
	6	DSC-A	2						2	50					
	7	DSC-A	2	5	4	2	4	3.2	2	50	100	35			
	8	DSC-A	2						2	50					
	TOTAL (A)		16	24	16	8	16	12.8			400				
	9	AECC-A (Non CGPA)	2	4	3.2	-	-	-	2	50	50	18			
SEMESTER – II (Duration – 6 Months)															
CGPA Courses	1	DSC-B	2	5	4	2	4	3.2	2	50	100	35	As per BOS Guide-lines	50	18
	2	DSC-B	2						2	50					
	3	DSC-B	2	5	4	2	4	3.2	2	50	100	35		50	18
	4	DSC-B	2						2	50					
	5	DSC-B	2	5	4	2	4	3.2	2	50	100	35		50	18
	6	DSC-B	2						2	50					
	7	DSC-B	2	5	4	2	4	3.2	2	50	100	35		50	18
	8	DSC-B	2						2	50					
	TOTAL (B)		16	24	16	8	16	12.8			400				
	TOTAL (A+B)		32	48	32	16	32	25.6			800		200		
	9	AECC-B (Non CGPA)	2	4	3.2	-	-	-	2	50	50	18			
<ul style="list-style-type: none"> Student contact hours per week : 32 Hours (Minimum.) 						<ul style="list-style-type: none"> Total Marks for B.Sc.-I (Excluding English) : 1000 									
<ul style="list-style-type: none"> Theory and Practical Lectures : 48 Minutes Each 						<ul style="list-style-type: none"> Total Credits for B.Sc.-I (Semester I & II) : 48 									
<ul style="list-style-type: none"> Non-CGPA AECC: Non-CGPA Ability Enhancement Compulsory Course (A & B) - English. 															
<ul style="list-style-type: none"> Practical Examination will be conducted annually for 50 Marks per course (subject). 															
<ul style="list-style-type: none"> <i>Except English, there shall be combined passing for two theory papers of 50 marks each. i.e. Min. 35 marks are required for passing out of 100.</i> 															
<ul style="list-style-type: none"> <i>There shall be separate passing for theory and practical courses.</i> 															

R.B. Sc. 3 (ii): B. Sc. – II C B C S PATTERN

Structure - II

SEMESTER – III (Duration – 6 Months)																					
	Sr. No.	Course Code	TEACHING SCHEME						EXAMINATION SCHEME												
			THEORY			PRACTICAL			THEORY				PRACTICAL								
			Credits	No. of lectures	Hours	Credits	No. of lectures	Hours	Hours	Max	Total Marks	Min	Hours	Max	Min						
CGPA Courses	1	DSC-C	2	3	2.4	4	6.4	8	2	50	100	35	PRACTICAL EXAMINATION IS ANNUAL								
	2	DSC-C	2	3	2.4				2	50											
	3	DSC-C	2	3	2.4				4	6.4	8	2				50	100	35			
	4	DSC-C	2	3	2.4							2				50					
	5	DSC-C	2	3	2.4				4	6.4	8	2				50	100	35			
	6	DSC-C	2	3	2.4							2				50					
	7	AECC-C	4	4	3.2				-	-	-	-				-	-	-			
	TOTAL (C)		16	22	17.6				12	19.2	24						300	-			
SEMESTER – IV (Duration – 6 Months)																					
CGPA Courses	1	DSC-D	2	3	2.4	4	6.4	8	2	50	100	35	As per BOS Guide -lines								
	2	DSC-D	2	3	2.4				2	50											
	3	DSC-D	2	3	2.4				4	6.4	8	2				50	100	35			
	4	DSC-D	2	3	2.4							2				50					
	5	DSC-D	2	3	2.4				4	6.4	8	2				50	100	35			
	6	DSC-D	2	3	2.4							2				50					
	7	AECC- C & AECC- D	-	-	-				-	-	-	3				70 30	100	25 10	-	-	-
	TOTAL (D)		12	18	14.4				12	19.2	24						400	-	-	-	-
TOTAL (C+D)		28	40	32	24	38.4	48			700	-	-	300	-							
<ul style="list-style-type: none"> Student contact hours per week : 32 Hours (Minimum.) Theory and Practical Lectures : 48 Minutes Each AECC- Ability Enhancement Compulsory Course (C: Theory & D:Project) : Environmental Studies: (Theory : 70 Marks + Project : 30 Marks) Practical Examination will be conducted annually for 100 Marks per course (subject). 								<ul style="list-style-type: none"> Total Marks for B.Sc.-II (Including EVS) : 1000 Total Credits for B.Sc.-II (Semester III & IV) : 52 													
<ul style="list-style-type: none"> <i>Except Environmental Studies, there shall be combined passing for two theory papers of 50 marks each. i.e. Min. 35 marks are required for passing out of 100.</i> <i>There shall be separate passing for theory and practical courses also for Environmental Studies.</i> 																					

R.B. Sc. 3 (iii) : B. Sc. – III C B C S PATTERN

Structure - III

SEMESTER – V (Duration – 6 Months)														
	Sr. No.	Course Code	TEACHING SCHEME						EXAMINATION SCHEME					
			THEORY			PRACTICAL			THEORY			PRACTICAL		
			Credits	No. of lectures	Hours	Credits	No. of lectures	Hours	Hours	Max Marks	Min Marks	Hours	Max Marks	Min Marks
CGPA Courses	1	DSE-E	2	3	2.4	8	20	16	2	50	18	PRACTICAL EXAMINATION IS ANNUAL	200	70
	2	DSE-E	2	3	2.4				2	50	18			
	3	DSE-E	2	3	2.4				2	50	18			
	4	DSE-E	2	3	2.4				2	50	18			
		TOTAL (E)	8	12	9.6				8	20	16			
	5	AECC-E (Non-CGPA)	2	4	3.2	---	---	---	2	50	18			
SEMESTER – VI (Duration – 6 Months)														
CGPA Courses	1	DSE-F	2	3	2.4	8	20	16	2	50	18	As per BOS Guid elines	200	70
	2	DSE-F	2	3	2.4				2	50	18			
	3	DSE-F	2	3	2.4				2	50	18			
	4	DSE-F	2	3	2.4				2	50	18			
		TOTAL (F)	8	12	9.6				8	20	16			
	TOTAL (E+F)	16	24	19.2	16	40	32		400					
	5	AECC-F (Non-CGPA)	2	4	3.2	---	---	---	2	50	18			
<ul style="list-style-type: none"> Student contact hours per week : 32 Hours (Minimum) Theory and Practical Lectures : 48 Min. Each 						<ul style="list-style-type: none"> Total Marks for B.Sc.-III (Excluding English) : 600 Total Credits for B.Sc.-III (Semester V & VI) : 32 								
<ul style="list-style-type: none"> DSE- Discipline Specific Elective. A candidate shall select one course (subject) from the three Courses (Subjects) selected at B.Sc. – II namely : Physics, Chemistry, Mathematics, Statistics, Electronics, Computer Science, Botany, Zoology, Biotechnology (opt/voc.), Geography, Geology, Seed Technology, Microbiology, Industrial Microbiology, Biochemistry (opt.), Psychology, Food Science and Quality Control, Plant Protection, Pollution, Fisheries, Astrophysics, Nanotechnology (Opt), and other subjects approved by Competent Authorities. AECC- Ability Enhancement Compulsory Course (E & F): Compulsory English. <u>This is Non-CGPA course.</u> Practical Examination will be conducted annually for 200 Marks. <i>There shall be separate passing for theory and practical courses.</i> 														

Class	Credits	Marks
B.Sc. Part - I	48	1000
B.Sc. Part - II	52	1000
B. Sc. Part - III	32	600
Total	132	2600

R. B. Sc. 3 (iv): Soft Skill Courses (SSC)

For Sem-I, Sem-II and Sem-V, Sem-VI there shall be compulsory Soft Skill Courses (SSC) under **Self Study Mode** which are as follows:

Sem-I: SSC – I : Democracy, Elections and Good Governance (2 Credits)

Sem-II: SSC – II : Any one from following (i) to (v) (2 Credits)

- i) Business Communication & Presentation
- ii) Event management
- iii) Personality Development,
- iv) Yoga & Physical Management
- v) Resume, Report & Proposal writing

Sem-V: SSC – III : Constitution of India and Local Self Government (2 Credits)

Sem-VI: SSC – IV: Any one from following (vi) to (x) (2 Credits)

- vi) Interview & Personal Presentation Skills,
- vii) Entrepreneurship Development Skills,
- viii) Travel & Tourism,
- ix) E-Banking & Financial Services,
- x) RTI & Human Right Education, IPR & Patents

- *These courses are of Self Study mode. The study material of all above courses will be made available on University website.*
- *The Examination of each of the course shall be of 50 marks having 25 MCQ questions. Minimum 20 marks (40%) out of 50 are required for passing.*
- *The duration of examination shall be 60 minutes.*
- *The examination shall be conducted at the college level.*
- *The list of all candidates along with marks is to be submitted to the University.*
- *The degree will be awarded only after successful completion of these courses.*
- *The Credits achieved by the successful students shall be separately mentioned in Result-sheet.*

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R.B. Sc. 3 (v): List of courses: B. Sc. Part-I (Sem- I & II), Part-II (Sem-III & IV) and Part-III (Sem-V & VI)

B. Sc. Part-I: Sem-I : List of Courses

Discipline Specific Core (DSC) Courses

Course code	Name of the Course	Course code	Name of the Course
B. Sc. Part-I: Sem-I DSC : A1 to A38			
DSC A1	Physics I	DSC A21	Geology I
DSC A2	Physics II	DSC A22	Geology II
DSC A3	Chemistry I	DSC A23	Seed Technology I
DSC A4	Chemistry II	DSC A24	Seed Technology II
DSC A5	Mathematics I	DSC A25	Microbiology I
DSC A6	Mathematics II	DSC A26	Microbiology II
DSC A7	Statistics I	DSC A27	Industrial Microbiology I
DSC A8	Statistics II	DSC A28	Industrial Microbiology II
DSC A9	Electronics I	DSC A29	Biochemistry I
DSC A10	Electronics II	DSC A30	Biochemistry II
DSC A11	Computer Science I	DSC A31	Psychology I
DSC A12	Computer Science II	DSC A32	Psychology II
DSC A13	Botany I	DSC A33	Food Science & Quality control-I
DSC A14	Botany II	DSC A34	Food Science & Quality control-II
DSC A15	Zoology I	DSC A35	Astrophysics I
DSC A16	Zoology II	DSC A36	Astrophysics II
DSC A17	Biotechnology (Opt) I	DSC A37	Nanotechnology (opt) I
DSC A18	Biotechnology (Opt) II	DSC A38	Nanotechnology (opt) II
DSC A19	Geography I		
DSC A20	Geography II	AECC – A	English Paper – I

DSC: Discipline Specific Core Course

AECC – Ability Enhancement Compulsory Course

AECC – A – English Paper– I

B.Sc. Part-I: Sem-II: List of Courses

Discipline Specific Core (DSC) Courses

Course code	Name of the Course	Course code	Name of the Course
B. Sc. Part-I: Sem-II DSC : B1 to B38			
DSC B1	Physics III	DSC B21	Geology III
DSC B2	Physics IV	DSC B22	Geology IV
DSC B3	Chemistry III	DSC B23	Seed Technology III
DSC B4	Chemistry IV	DSC B24	Seed Technology IV
DSC B5	Mathematics III	DSC B25	Microbiology III
DSC B6	Mathematics IV	DSC B26	Microbiology IV
DSC B7	Statistics III	DSC B27	Industrial Microbiology III
DSC B8	Statistics IV	DSC B28	Industrial Microbiology IV
DSC B9	Electronics III	DSC B29	Biochemistry III
DSC B10	Electronics IV	DSC B30	Biochemistry IV
DSC B11	Computer Science III	DSC B31	Psychology III
DSC B12	Computer Science IV	DSC B32	Psychology IV
DSC B13	Botany III	DSC B33	Food Science & Quality control III
DSC B14	Botany IV	DSC B34	Food Science & Quality control IV
DSC B15	Zoology III	DSC B35	Astrophysics III
DSC B16	Zoology IV	DSC B36	Astrophysics IV
DSC B17	Biotechnology (Opt) III	DSC B37	Nanotechnology (opt) III
DSC B18	Biotechnology (Opt) IV	DSC B38	Nanotechnology (opt) IV
DSC B19	Geography III		
DSC B20	Geography IV	AECC – B	English Paper – II

AECC – B – English Paper– II

B. Sc. Part-II: Sem-III: List of Courses

Discipline Specific Core (DSC) Courses

Course code	Name of the Course	Course code	Name of the Course
B. Sc. Part-II: Sem-III DSC : C1 to C38			
DSC C1	Physics V	DSC C21	Geology V
DSC C2	Physics VI	DSC C22	Geology VI
DSC C3	Chemistry V	DSC C23	Seed Technology V
DSC C4	Chemistry VI	DSC C24	Seed Technology VI
DSC C5	Mathematics V	DSC C25	Microbiology V
DSC C6	Mathematics VI	DSC C26	Microbiology VI
DSC C7	Statistics V	DSC C27	Industrial Microbiology V
DSC C8	Statistics VI	DSC C28	Industrial Microbiology VI
DSC C9	Electronics V	DSC C29	Biochemistry V
DSC C10	Electronics VI	DSC C30	Biochemistry VI
DSC C11	Computer Science V	DSC C31	Psychology V
DSC C12	Computer Science VI	DSC C32	Psychology VI
DSC C13	Botany V	DSC C33	Food Science & Quality control V
DSC C14	Botany VI	DSC C34	Food Science & Quality control VI
DSC C15	Zoology V	DSC C35	Astrophysics V
DSC C16	Zoology VI	DSC C36	Astrophysics VI
DSC C17	Biotechnology (Opt) V	DSC C37	Nanotechnology (opt) V
DSC C18	Biotechnology (Opt) VI	DSC C38	Nanotechnology (opt) VI
DSC C19	Geography V		
DSC C20	Geography VI		

***Inter-Disciplinary Courses (IDS) (DSC - IC)**

DSC IC39	Astrophysics I	DSC IC45	Plant Protection I
DSC IC40	Astrophysics II	DSC IC46	Plant Protection II
DSC IC41	Geochemistry I	DSC IC47	Pollution I
DSC IC42	Geochemistry II	DSC IC48	Pollution II
DSC IC43	Biochemistry I	DSC IC49	Fisheries I

DSC IC44	Biochemistry II	DSC IC50	Fisheries II
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B. Sc. Part-II: Sem-IV: List of courses

Discipline Specific Core (DSC) Courses

Course code	Name of the Course	Course code	Name of the Course
B. Sc. Part-II: Sem-IV DSC : D1 to D38			
DSC D1	Physics VII	DSC D20	Geography VIII
DSC D2	Physics VIII	DSC D21	Geology VII
DSC D3	Chemistry VII	DSC D22	Geology VIII
DSC D4	Chemistry VIII	DSC D23	Seed Technology VII
DSC D5	Mathematics VII	DSC D24	Seed Technology VIII
DSC D6	Mathematics VIII	DSC D25	Microbiology VII
DSC D7	Statistics VII	DSC D26	Microbiology VIII
DSC D8	Statistics VIII	DSC D27	Industrial Microbiology VII
DSC D9	Electronics VII	DSC D28	Industrial Microbiology VIII
DSC D10	Electronics VIII	DSC D29	Biochemistry VII
DSC D11	Computer Science VII	DSC D30	Biochemistry VIII
DSC D12	Computer Science VIII	DSC D31	Psychology VII
DSC D13	Botany VII	DSC D32	Psychology VIII
DSC D14	Botany VIII	DSC D33	Food Science & Quality control VII
DSC D15	Zoology VII	DSC D34	Food Science & Quality control VIII
DSC D16	Zoology VIII	DSC D35	Astrophysics VII
DSC D17	Biotechnology (Opt) VII	DSC D36	Astrophysics VIII
DSC D18	Biotechnology (Opt) VIII	DSC D37	Nanotechnology (opt) VII
DSC D19	Geography VII	DSC D38	Nanotechnology (opt) VIII
AECC C Environmental Studies Theory			
AECC D Environmental Studies Project			

***Inter-Disciplinary Courses (IDS) (DSC – ID)**

DSC ID39	Astrophysics III	DSC ID45	Plant Protection III
DSC ID40	Astrophysics IV	DSC ID46	Plant Protection IV

DSC ID41	Geochemistry III	DSC ID47	Pollution III
DSC ID42	Geochemistry IV	DSC ID48	Pollution IV
DSC ID43	Biochemistry III	DSC ID49	Fisheries III
DSC ID44	Biochemistry IV	DSC ID50	Fisheries IV

B. Sc. Part-III: Sem-V: List of courses

Discipline Specific Elective (DSE) Courses

Course code	Name of the Course	Course code	Name of the Course
B. Sc. Part-III: Sem-V DSE : E1 to E86			
DSE E1	Physics IX	DSE E45	Seed Technology IX
DSE E2	Physics X	DSE E46	Seed Technology X
DSE E3	Physics XI	DSE E47	Seed Technology XI
DSE E4	Physics XII	DSE E48	Seed Technology XII
DSE E5	Chemistry IX	DSE E49	Microbiology IX
DSE E6	Chemistry X	DSE E50	Microbiology X
DSE E7	Chemistry XI	DSE E51	Microbiology XI
DSE E8	Chemistry XII	DSE E52	Microbiology XII
DSE E9	Mathematics IX	DSE E53	Industrial Microbiology IX
DSE E10	Mathematics X	DSE E54	Industrial Microbiology X
DSE E11	Mathematics XI	DSE E55	Industrial Microbiology XI
DSE E12	Mathematics XII	DSE E56	Industrial Microbiology XII
DSE E13	Statistics IX	DSE E57	Biochemistry IX
DSE E14	Statistics X	DSE E58	Biochemistry X
DSE E15	Statistics XI	DSE E59	Biochemistry XI
DSE E16	Statistics XII	DSE E60	Biochemistry XII
DSE E17	Electronics IX	DSE E61	Psychology IX
DSE E18	Electronics X	DSE E62	Psychology X
DSE E19	Electronics XI	DSE E63	Psychology XI
DSE E20	Electronics XII	DSE E64	Psychology XII
DSE E21	Computer Science IX	DSE E65	Food Science & Quality control IX
DSE E22	Computer Science X	DSE E66	Food Science & Quality control X
DSE E23	Computer Science XI	DSE E67	Food Science & Quality control XI
DSE E24	Computer Science XII	DSE E68	Food Science & Quality control XII
DSE E25	Botany IX	DSE E69	Plant Protection V
DSE E26	Botany X	DSE E70	Plant Protection VI
DSE E27	Botany XI	DSE E71	Plant Protection VII
DSE E28	Botany XII	DSE E72	Plant Protection VIII

DSE E29	Zoology IX	DSE E73	Fisheries V
DSE E30	Zoology X	DSE E74	Fisheries VI
DSE E31	Zoology XI	DSE E75	Fisheries VII
DSE E32	Zoology XII	DSE E76	Fisheries VIII
DSE E33	Biotechnology (Opt) IX	DSE E77	Astrophysics IX
DSE E34	Biotechnology (Opt) X	DSE E78	Astrophysics X
DSE E35	Biotechnology (Opt) XI	DSE E79	Astrophysics XI
DSE E36	Biotechnology (Opt) XII	DSE E80	Astrophysics XII
DSE E37	Geography IX	DSE E81	Nanotechnology (Opt)IX
DSE E38	Geography X	DSE E82	Nanotechnology (Opt)X
DSE E39	Geography XI	DSE E83	Nanotechnology (Opt)XI
DSE E40	Geography XII	DSE E84	Nanotechnology (Opt)XII
DSE E41	Geology IX	DSE E85	Pollution V
DSE E42	Geology X	DSE E86	Pollution VI
DSE E43	Geology XI		
DSE E44	Geology XII	AECC-E	English Paper III

B. Sc. Part-III: Sem-VI: List of courses

Discipline Specific Elective (DSE) Courses

Course code	Name of the Course	Course code	Name of the Course
B. Sc. Part-III: Sem-VI DSE :F1 to F86			
DSE F1	Physics XIII	DSE F45	Seed Technology XIII
DSE F2	Physics XIV	DSE F46	Seed Technology XIV
DSE F3	Physics XV	DSE F47	Seed Technology XV
DSE F4	Physics XVI	DSE F48	Seed Technology XVI
DSE F5	Chemistry XIII	DSE F49	Microbiology XIII
DSE F6	Chemistry XIV	DSE F50	Microbiology XIV
DSE F7	Chemistry XV	DSE F51	Microbiology XV
DSE F8	Chemistry XVI	DSE F52	Microbiology XVI
DSE F9	Mathematics XIII	DSE F53	Industrial Microbiology XIII
DSE F10	Mathematics XIV	DSE F54	Industrial Microbiology XIV
DSE F11	Mathematics XV	DSE F55	Industrial Microbiology XV
DSE F12	Mathematics XVI	DSE F56	Industrial Microbiology XVI
DSE F13	Statistics XIII	DSE F57	Biochemistry XIII
DSE F14	Statistics XIV	DSE F58	Biochemistry XIV
DSE F15	Statistics XV	DSE F59	Biochemistry XV
DSE F16	Statistics XVI	DSE F60	Biochemistry XVI
DSE F17	Electronics XIII	DSE F61	Psychology XIII
DSE F18	Electronics XIV	DSE F62	Psychology XIV
DSE F19	Electronics XV	DSE F63	Psychology XV
DSE F20	Electronics XVI	DSE F64	Psychology XVI
DSE F21	Computer Science XIII	DSE F65	Food Science & Quality control XIII
DSE F22	Computer Science XIV	DSE F66	Food Science & Quality control XIV
DSE F23	Computer Science XV	DSE F67	Food Science & Quality control XV
DSE F24	Computer Science XVI	DSE F68	Food Science & Quality control XVI
DSE F25	Botany XIII	DSE F69	Plant Protection IX
DSE F26	Botany XIV	DSE F70	Plant Protection X
DSE F27	Botany XV	DSE F71	Plant Protection XI
DSE F28	Botany XVI	DSE F72	Plant Protection XII
DSE F29	Zoology XIII	DSE F73	Fisheries IX
DSE F30	Zoology XIV	DSE F74	Fisheries X
DSE F31	Zoology XV	DSE F75	Fisheries XI

DSE F32	Zoology XVI	DSE F76	Fisheries XII
DSE F33	Biotechnology (Opt) XIII	DSE F77	Astrophysics XIII
DSE F34	Biotechnology (Opt) XIV	DSE F78	Astrophysics XIV
DSE F35	Biotechnology (Opt) XV	DSE F79	Astrophysics XV
DSE F36	Biotechnology (Opt) XVI	DSE F80	Astrophysics XVI
DSE F37	Geography XIII	DSE F81	Nanotechnology (Opt) XIII
DSE F38	Geography XIV	DSE F82	Nanotechnology (Opt) XIV
DSE F39	Geography XV	DSE F83	Nanotechnology (Opt) XV
DSE F40	Geography XVI	DSE F84	Nanotechnology (Opt) XVI
DSE F41	Geology XIII	DSE F85	Pollution VII
DSE F42	Geology XIV	DSE F86	Pollution VIII
DSE F43	Geology XV		
DSE F44	Geology XVI	AECC-F	English Paper IV

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Shivaji University,

Vidyanagar, Kolhapur – 416004, Maharashtra (India)

Statement Printed From **Shivaji University** Portal Home Page

Statement of Marks for Faculty of Science & Technology, Bachelor of Science (B. Sc.)

Regular CBCS B. Sc. Part - I Sem - II Examination: Mar- 2019

Name:

Mother Name:

PRN:

College:

Seat Number:

Exam Center:

Choice: **Phy, Chem, Maths, Stat**

Exam Venue Code:

Photo

Paper Code	Paper Name	A M	UA			CA			Total			Credits			Sts	R m k
			Max	Min	Obt	Max	Min	Obt	Max	Min	Obt	GP Obt	Cr Min	Cr Pt		
SEM – I																
	DSC-A1, A2	TH	-	-	-	100	35	58	100	35	58	7	4	28	P	
	DSC-A3, A4	TH	-	-	-	100	35	67	100	35	67	8	4	32	P	
	DSC-A5, A6	TH	-	-	-	100	35	87	100	35	87	10	4	40	P	
	DSC-A7, A8	TH	-	-	-	100	35	75	100	35	75	9	4	36	P	
B. Sc. Part-I (Sem-I) CBCS									Total	400	-	287	-	16	136	-
AECC- A (Non - CGPA)	TH	-	-	-	50	18	25	50	18	25	-	2	-	P		
Total : 287 out of 400 (Two Hundred and Eighty Seven out of Four Hundred)												Percentage : 71.75 %				
Result : Pass												SGPA : 8.50				
SEM – II																
	DSC-B1, B2	TH	-	-	-	100	35	68	100	35	68	8	4	32	P	
	DSC-B3, B4	TH	-	-	-	100	35	54	100	35	54	6	4	24	P	
	DSC-B5, B6	TH	-	-	-	100	35	78	100	35	78	9	4	36	P	
	DSC-B7, B8	TH	-	-	-	100	35	81	100	35	81	5	4	20	P	
	DSC- A1,A2,B1,B2	PR	-	-	-	50	18	40	50	18	40	9	4	36	P	
	DSC-A3,A4,B3,B4	PR	-	-	-	50	18	36	50	18	36	9	4	36	P	
	DSC-A5,A6,B5,B6	PR	-	-	-	50	18	25	50	18	25	6	4	24	P	
	DSC-A7,A8,B7,B8	PR	-	-	-	50	18	42	50	18	42	9	4	36	P	
B. Sc. Part-I (Sem-II) CBCS									Total	600	-	385	-	32	244	-
AECC-B (Non – CGPA)	TH	-	-	-	50	18	32	50	18	32	-	2	-	P		
Total : 385 out of 600 (Three Hundred and Eighty Five out of Six Hundred)												Percentage : 64.17%				
Result : Pass												SGPA : 7.63				
Sem-I (Seat N0: 123456) (Exam Event: Nov 2018)												Ordinance:				
ECA Marks:																
Additional Credits Earned Through Soft Skill Courses																
SSC-I (Compulsory)						SSC-II						Total				
Democracy, Elections & Good Governance						Event Management Skill										
02						02						04				
Abbreviations : CA: College Assessment, UA: University Assessment, AM: Assessment Method, TH: Theory, PR: Practical, Sts: Result Status, Rmk: Remark/s, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, X: Past Appearance, E: Exempted, T/ATKT: Allowed To Keep Term, M: Performance Cancelled, D: Detained, PNO: Paper Not Opted, EHB: Explicitly Hold Back, NP: No Punishment, ABP: Absent But Passed, £: Exemption claimed and approved, N: Not Exempted, ECA: Extra Curricular Activity GP: Grade Point, Cr: Credit, Cr Pt: Credit Point																
AECC: Ability Enhancement Compulsory Course, DSC: Discipline Specific Core Course, SSC: Soft Skill Course																
<i>For details please see the back side of this mark sheet.</i>																

Disclaimer:

SEM-I		SEM-II	
Discipline Specific Core Course (DSC), Course Code and Paper No.			
DSC-A1 : Physics Paper-I	DSC-A21 : Geology Paper-I	DSC-B1 : Physics Paper-III	DSC-B21 : Geology Paper- III
DSC-A2 : Physics Paper-II	DSC-A22 : Geology Paper-II	DSC-B2 : Physics Paper-IV	DSC-B22 : Geology Paper- IV
DSC-A3 : Chemistry Paper-I	DSC-A23 : Seed Tech. Paper-I	DSC-B3 : Chemistry Paper- III	DSC-B23 : Seed Tech. Paper- III
DSC-A4 : Chemistry Paper-II	DSC-A24 :Seed Tech. Paper-II	DSC-B4 : Chemistry Paper- IV	DSC-B24 :Seed Tech. Paper- IV
DSC-A5 : Mathematics Paper-I	DSC-A25 : Microbiology Paper-I	DSC-B5 : Mathematics Paper- III	DSC-B25 : Microbiology Paper- III
DSC-A6 : Mathematics Paper-II	DSC-A26 : Microbiology Paper-II	DSC-B6 : Mathematics Paper- IV	DSC-B26 : Microbiology Paper- IV
DSC-A7 : Statistics Paper-I	DSC-A27 :Ind. Microbio. Paper-I	DSC-B7 : Statistics Paper- III	DSC-B27 :Ind. Microbio. Paper- III
DSC-A8 : Statistics Paper-II	DSC-A28 :Ind. Microbio. Paper-II	DSC-B8 : Statistics Paper- IV	DSC-B28 :Ind. Microbio. Paper- IV
DSC-A9 : Electronics Paper-I	DSC-A29 : Biochemistry Paper-I	DSC-B9 : Electronics Paper- III	DSC-B29 : Biochemistry Paper- III
DSC-A10 : Electronics Paper-II	DSC-A30: Biochemistry Paper-II	DSC-B10 : Electronics Paper- IV	DSC-B30: Biochemistry Paper- IV
DSC-A11 : Computer Sc. Paper-I	DSC-A31 : Psychology Paper-I	DSC-B11 : Computer Sc. Paper- III	DSC-B31 : Psychology Paper- III
DSC-A12 : Computer Sc. Paper-II	DSC-A32 : Psychology Paper-II	DSC-B12 : Computer Sc. Paper- IV	DSC-B32 : Psychology Paper- IV
DSC-A13 : Botany Paper-I	DSC-A33 : Food Sc. & QC Paper-I	DSC-B13 : Botany Paper- III	DSC-B33 : Food Sc. & QCPaper- III
DSC-A14 : Botany Paper-II	DSC-A34 : Food Sc. & QC Paper-II	DSC-B14 : Botany Paper- IV	DSC-B34 : Food Sc. & QC Paper- IV
DSC-A15 : Zoology Paper-I	DSC-A35 : Astrophysics Paper-I	DSC-B15 : Zoology Paper- III	DSC-B35 : Astrophysics Paper- III
DSC-A16 : Zoology Paper-II	DSC-A36 : Astrophysics Paper-II	DSC-B16 : Zoology Paper- IV	DSC-B36 : Astrophysics Paper- IV
DSC-A17 :Biotech. (opt) Paper-I	DSC-A37 : Nanotech.(opt) Paper-I	DSC-B17 : Biotech. (opt) Paper- III	DSC-B37 : Nanotech.(opt) Paper- III
DSC-A18 :Biotech. (opt) Paper-II	DSC-A38 : Nanotech.(opt) Paper-II	DSC-B18 : Biotech. (opt) IV	DSC-B38 : Nanotech.(opt) Paper- IV
DSC-A19 : Geography Paper-I		DSC-B19 : Geography Paper- III	
DSC-A20 : Geography Paper-II	AECC-A : English Paper-I	DSC-B20 : Geography Paper- IV	AECC-B : English Paper-II
SSC-I: Democracy, Elections and Good Governance (Compulsory)		SSC-II : (Any One) Business Communication & Presentation Skills / Event Management Skills / Personality Development / Yoga & Physical Management / Resume, Report & Proposal Writing	

Marks Obtained	Numerical Grade (Grade Point)	CGPA	Letter Grade
Absent	0 (zero)	-	-
0 - 34	0 (zero)	0.0 – 4.99	F (Fail)
35 - 44	5	5.00 – 5.49	C
45 - 54	6	5.50 – 6.49	B
55 - 64	7	6.50 – 7.49	B+
65 - 74	8	7.50 – 8.49	A
75 - 84	9	8.50 – 9.49	A+
85 - 100	10	9.50 – 10.0	O (Outstanding)

Note: 1. Marks obtained ≥ 0.5 shall be rounded off to next higher digit. 2. The SGPA & CGPA shall be rounded off to two decimal points. 3. Marks obtained in 50 marks paper or in 200 mark paper shall be converted to 100 marks to find Grade Point.

Calculation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)

$$(\text{SGPA}) = \frac{\sum(\text{Course Credits} \times \text{Grade Point obtained}) \text{ of a semester}}{\sum(\text{Course Credits}) \text{ of respective semester}}$$

$$(\text{CGPA}) = \frac{\sum(\text{Toatal Course Credits of a semester} \times \text{SGPA of respective semester})}{\sum(\text{Total Course Credits}) \text{ of all semesters}}$$

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Shivaji University,

Vidyanagar, Kolhapur – 416004, Maharashtra (India)

Statement Printed From **Shivaji University** Portal Home Page

Statement of Marks for Faculty of Science & Technology, Bachelor of Science (B. Sc.)

Regular CBCS B. Sc. Part - II Sem - IV Examination: Mar- 2020

Name:

Mother Name:

PRN:

College:

Seat Number:

Exam Center:

Choice: **Phy, Chem, Maths**

Exam Venue Code:

Photo

Paper Code	Paper Name	A M	UA			CA			Total			Credits			St s	R m k	
			Max	Min	Obt	Max	Min	Obt	Max	Min	Obt	GP Obt	Cr Min	Cr Pt			
SEM – III																	
	DSC-C1, C2	TH	100	35		-	-	-	100	35	64	7	4	28	P		
	DSC-C3, C4	TH	100	35		-	-	-	100	35	73	8	4	32	P		
	DSC-C5, C6	TH	100	35		-	-	-	100	35	52	6	4	24	P		
B. Sc. Part-II (Sem-III) CBCS									Total	300	-	189		12	84	-	
Total : 189 out of 300 (One Hundred and Eighty Nine out of Three Hundred)												Percentage : 63.00 %					
Result : Pass												SGPA : 7.00					
SEM – IV																	
	DSC-D1, D2	TH	100	35		-	-	-	100	35	75	9	4	36	P		
	DSC-D3, D4	TH	100	35		-	-	-	100	35	61	7	4	28	P		
	DSC-D5, D6	TH	100	35		-	-	-	100	35	50	6	4	24	P		
	AECC-C, D	TH PRJ	70 30	35		-	-	-	100	35	78	9	4	36	P		
	DSC:C1,C2,D1,D2	PR	100	35		-	-	-	100	35	89	10	8	80	P		
	DSC:C3,C4,D3,D4	PR	100	35		-	-	-	100	35	68	8	8	64	P		
	DSC:C5,C6,D5,D6	PR	100	35		-	-	-	100	35	50	6	8	48	P		
									700	-	471	-	40	316	-		
Sem-I (Seat No: 123456) Exam Event : Nov 2018									450		312					P	
Sem-II (Seat No: 123456) Exam Event : Mar 2019									650		456					P	
Sem-III (Seat No: 123456) Exam Event : Nov 2019									300		189					P	
B. Sc. Part- II (Sem-IV) CBCS												Ordinance:					
Total : 471 out of 700 (Four Hundred and Seventy One out of Seven Hundred)												Percentage : 67.28 %					
Result : Pass												SGPA : 7.90					
Abbreviations : AM: Assessment Method, CA: College Assessment, UA: University Assessment, , TH: Theory, PR: Practical, PRJ: Project, Sts: Result Status, Rmk: Remark/s, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, X: Past Appearance, E: Exempted, T/ATKT: Allowed To Keep Term, PC: Performance Cancelled, D: Detained, PNO: Paper Not Opted, EHB: Explicitly Hold Back, NP: No Punishment, ABP: Absent But Passed, £: Exemption claimed and approved, N: Not Exempted, ECA: Extra Curricular Activity GP: Grade Point, Cr: Credit, Cr Pt: Credit Point																	
AECC: Ability Enhancement Compulsory Course, DSC: Discipline Specific Core Course, SSC: Soft Skill Course <i>For details please see the back side of this mark sheet.</i>																	

Disclaimer:

SEM – III		SEM - IV	
Discipline Specific Core Course (DSC), Course Code and Paper No.			
DSC-C1 : Physics Paper-V	DSC-C27 : Ind. Microbio. Paper-V	DSC-D1 : Physics Paper- VII	DSC-D27 : Ind. Microbio. Paper- VII
DSC-C2 : Physics Paper-VI	DSC-C28 : Ind. Microbio. Paper- VI	DSC-D2 : Physics Paper- VIII	DSC-D28 : Ind. Microbio. Paper- VIII
DSC-C3 : Chemistry Paper-V	DSC-C29 : Biochemistry Paper- V	DSC-D3 : Chemistry Paper- VII	DSC-D29 : Biochemistry Paper- VII
DSC-C4 : Chemistry Paper-VI	DSC-C30 : Biochemistry Paper- VI	DSC-D4 : Chemistry Paper- VIII	DSC-D30 : Biochemistry Paper- VIII
DSC-C5 : Mathematics Paper- V	DSC-C31 : Psychology Paper- V	DSC-D5 : Mathematics Paper- VII	DSC-D31 : Psychology Paper- VII
DSC-C6 : Mathematics Paper- VI	DSC-C32 : Psychology Paper- VI	DSC-D6 : Mathematics Paper- VIII	DSC-D32 : Psychology Paper- VIII
DSC-C7 : Statistics Paper- V	DSC-C33 : Food Sc. & QC Paper- V	DSC-D7 : Statistics Paper- VII	DSC-D33 : Food Sc. & QC Paper- VII
DSC-C8 : Statistics Paper- VI	DSC-C34 : Food Sc. & QC Paper- VI	DSC-D8 : Statistics Paper- VIII	DSC-D34 : Food Sc. & QC Paper- VIII
DSC-C9 : Electronics Paper- V	DSC-C35 : Astrophysics Paper-V	DSC-D9 : Electronics Paper- VII	DSC-D35 : Astrophysics Paper- VII
DSC-C10 : Electronics Paper- VI	DSC-C36 : Astrophysics Paper- VI	DSC-D10 : Electronics Paper- VIII	DSC-D36 : Astrophysics Paper- VIII
DSC-C11 : Computer Sc. Paper- V	DSC-C37 : Nanotech.(opt) Paper- V	DSC-D11 : Computer Sc. Paper- VII	DSC-D37 : Nanotech.(opt) Paper- VII
DSC-C12 : Computer Sc. Paper- VI	DSC-C38 : Nanotech.(opt) Paper- VI	DSC-D12 : Computer Sc. Paper- VIII	DSC-D38 : Nanotech.(opt) Paper- VIII
DSC-C13 : Botany Paper- V	DSC-IC39: Astrophysics Paper- I	DSC-D13 : Botany Paper- VII	DSC-ID39: Astrophysics Paper- I
DSC-C14 : Botany Paper- VI	DSC-IC40: Astrophysics Paper- II	DSC-D14 : Botany Paper- VIII	DSC-ID40: Astrophysics Paper- II
DSC-C15 : Zoology Paper- V	DSC-IC41: Geochemistry Paper- I	DSC-D15 : Zoology Paper- VII	DSC-ID41: Geochemistry Paper- I
DSC-C16 : Zoology Paper- VI	DSC-IC42: Geochemistry Paper- II	DSC-D16 : Zoology Paper- VIII	DSC-ID42: Geochemistry Paper- II
DSC-C17 : Biotech. (opt)Paper- V	DSC-IC43: Biochemistry Paper- I	DSC-D17 : Biotech. (opt) Paper- VII	DSC-ID43: Biochemistry Paper- I
DSC-C18 : Biotech. (opt) Paper- VI	DSC-IC44: Biochemistry Paper- II	DSC-D18 : Biotech. (opt)-VIII	DSC-ID44: Biochemistry Paper- II
DSC-C19 : Geography Paper-V	DSC-IC45: Plant Protection Paper- I	DSC-D19 : Geography Paper- VII	DSC-ID45: Plant Protection Paper- I
DSC-C20 : Geography Paper- VI	DSC-IC46: Plant Protection Paper- I	DSC-D20 : Geography Paper- VIII	DSC-ID46: Plant Protection Paper- I
DSC-C21 : Geology Paper- V	DSC-IC47: Pollution Paper- I	DSC-D21 : Geology Paper- VII	DSC-ID47: Pollution Paper- I
DSC-C22 : Geology Paper- VI	DSC-IC48: Pollution Paper- II	DSC-D22 : Geology Paper- VIII	DSC-ID48: Pollution Paper- II
DSC-C23 : Seed Tech. Paper- V	DSC-IC49: Fisheries Paper-I	DSC-D23 : Seed Tech. Paper- VII	DSC-ID49: Fisheries Paper-I
DSC-C24 : Seed Tech. Paper- VI	DSC-IC50: Fisheries Paper-II	DSC-D24 : Seed Tech. Paper- VIII	DSC-ID50: Fisheries Paper-II
DSC-C25 : Microbiology Paper- V	DSC-IC & DEC-ID : IDS Courses for Sem-III & Sem-IV	DSC-D25 : Microbiology Paper- VII	AECC-C : Env. Studies Theory
DSC-C26 : Microbiology Paper- VI		DSC-D26 : Microbiology Paper- VIII	AECC- D :Env. Studies Project

Marks Obtained	Numerical Grade (Grade Point)	CGPA	Letter Grade
Absent	0 (zero)	-	-
0 - 34	0 (zero)	0.0 – 4.99	F (Fail)
35 - 44	5	5.00 – 5.49	C
45 - 54	6	5.50 – 6.49	B
55 - 64	7	6.50 – 7.49	B+
65 - 74	8	7.50 – 8.49	A
75 - 84	9	8.50 – 9.49	A+
85 - 100	10	9.50 – 10.0	O (Outstanding)

Note: 1. Marks obtained ≥ 0.5 shall be rounded off to next higher digit. 2. The SGPA & CGPA shall be rounded off to two decimal points. 3. Marks obtained in 50 marks paper or in 200 marks paper shall be converted to 100 marks to find Grade Point.

Calculation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)

$$(\text{SGPA}) = \frac{\sum(\text{Course Credits} \times \text{Grade Point obtained}) \text{ of a semester}}{\sum(\text{Course Credits}) \text{ of respective semester}}$$

$$(CGPA) = \frac{\sum(\text{Toatal Course Credits of a semester} \times \text{SGPA of respective semester})}{\sum(\text{Total Course Credits}) \text{ of all semesters}}$$

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Shivaji University,

Vidyanagar, Kolhapur – 416004, Maharashtra (India)

Statement Printed From **Shivaji University** Portal Home Page

Statement of Marks for Faculty of Science & Technology, Bachelor of Science (B. Sc.)

Regular CBCS B. Sc. Part - III Sem - VI Examination: Mar- 2021

Name:

Mother Name:

PRN:

College:

Seat Number:

Exam Center:

Choice: **Physics**

Exam Venue Code:

Photo

Paper Code	Paper Name	AM	UA			CA			Total			Credits			Sts	Rmk
			Max	Min	Obt	Max	Min	Obt	Max	Min	Obt	GP Obt	Cr Min	Cr Pt		
SEM – V																
	DSE-E1	TH	40	14	28	10	4	7	50	14+4	28+7	8	2	16	P	
	DSE-E2	TH	40	14	32	10	4	8	50	14+4	32+8	9	2	18	P	
	DSE-E3	TH	40	14	35	10	4	9	50	14+4	35+9	10	2	20	P	
	DSE-E4	TH	40	14	29	10	4	5	50	14+4	29+5	8	2	16	P	
B. Sc. Part-III (Sem-V) CBCS									Total	200	-	153	-	8	70	-
AECC-E (Non – CGPA)	TH		50	18	27	10	4		50	18	27	6	2	12	P	
Total : 153 out of 200 (One Hundred and Fifty Three out of Two Hndred)												Percentage : 76.50 %				
Result : Pass												SGPA : 8.75				
SEM – VI																
	DSE-F1	TH	50	18	41	10	4	6	50	14+4	21+6	6	2	12	P	
	DSE-F2	TH	50	18	37	10	4	8	50	14+4	27+8	8	2	16	P	
	DSE- F3	TH	50	18	25	10	4	5	50	14+4	35+5	9	2	18	P	
	DSE-F4	TH	50	18	32	10	4	9	50	14+4	20+9	7	2	14	P	
	DSE- E1, E2 E3, E4, F1, F2, F3,F4	PR	200	70	175	-	-	-	200	70	176	10	16	160	P	
B. Sc. Part- III (Sem-VI) CBCS									Total	400	-	307	-	24	234	-
AECC-F (Non-CGPA)	TH		50	18	32	10	4		50	18	32	7	2	14		
Total : 339 out of 450 (Three Hundred and Thirty Nine)												Percentage :76.75 %				
Result : Pass												SGPA : 9.17				
Sem-I (Seat No: 123456) Exam Event : Nov 2018									400	-	287	-	16	SGPA : 8.50		
Sem-II (Seat No: 123456) Exam Event : Mar 2019									600	-	385	-	32	SGPA : 7.63		
Sem- III (Seat No: 123456) Exam Event : Nov 2019									300	-	189	-	12	SGPA : 7.00		
Sem-IV (Seat No: 123456) Exam Event : Mar 2020									700	-	471	-	40	SGPA : 7.90		
Sem-V (Seat No: 123456) Exam Event : Nov 2020									200	-	153	-	10	SGPA : 8.75		
Sem-VI (Seat No: 123456) Exam Event :Mar 2021									400	-	307	-	26	SGPA : 9.17		
ECA :									2600	-	1792	-	132	CGPA : 8.13		
Total : 1938 out of 2800 (One Thousand Nine Hundred and Thirty Eight)												Overall Percentage : 68.92 %				
Result : Pass With Grade A												CGPA : 8.38				
Ordinance:												GRADE : A				
Additional Credits Earned through Soft Skill Courses																
Sem- I : SSC- I : Democracy, Elections & Good Governance			Sem-II : SSC-II : Event Management Skill			Sem-V : SSC-III : Constitution of India & Local self Government			Sem-VI : SSC-IV: Travel & Tourism			Total				
02			02			02			02			08				
Abbreviations : AM: Assessment Method, CA: College Assessment, UA: University Assessment, TH: Theory, PR: Practical, PRJ: Project, Sts: Result Status, Rmk: Remark/s, P: Pass, F: Fail, AB: Absent, RR: Result Reserved, X: Past Appearance, E: Exempted, T/ATKT: Allowed To Keep Term, PC: Performance Cancelled, D: Detained, PNO: Paper Not Opted, EHB: Explicitly Hold Back, NP: No Punishment, ABP: Absent But Passed, E: Exemption claimed and approved, N: Not Exempted, ECA: Extra Curricular Activity GP: Grade Point, Cr: Credit, Cr Pt: Credit Point																
AECC: Ability Enhancement Compulsory Course, DSE: Discipline Specific Elective Course, SSC: Soft Skill Course																
<i>For details please see the back side of this mark sheet.</i>																

Disclaimer:

SEM – V		SEM – VI	
Discipline Specific Elective (DSE) Course Code, Course Name & Paper No.			
DSE -E1, E2, E3, E4	Physics Paper : IX, X, XI, XII	DSE -F1, F2, F3, F4	Physics Paper : XIII, XIV, XV, XVI
DSE -E5, E6, E7, E8	Chemistry Paper : IX, X, XI, XII	DSE -F5, F6, F7, F8	Chemistry Paper : XIII, XIV, XV, XVI
DSE-E9, E10, E11, E12	Mathematics Paper : IX, X, XI, XII	DSE-F9, F10, F11, F12	Mathematics Paper : XIII, XIV, XV, XVI
DSE-E13, E14, E15, E16	Statistics Paper : IX, X, XI, XII	DSE-F13, F14, F15, F16	Statistics Paper : XIII, XIV, XV, XVI
DSE-E17, E18, E19, E20	Electronics Paper : IX, X, XI, XII	DSE-F17, F18, F19, F20	Electronics Paper : XIII, XIV, XV, XVI
DSE-E21, E22, E23, E24	Comp. Sc. Paper : IX, X, XI, XII	DSE-F21, F22, F23, F24	Comp. Sc. Paper : XIII, XIV, XV, XVI
DSE-E25, E26, E27, E28	Botany Paper : IX, X, XI, XII	DSE-F25, F26, F27, F28	Botany Paper : XIII, XIV, XV, XVI
DSE-E29, E30, E31, E32	Zoology Paper : IX, X, XI, XII	DSE-F29, F30, F31, F32	Zoology Paper : XIII, XIV, XV, XVI
DSE-E33, E34, E35, E36	Biotech (o) Paper : IX, X, XI, XII	DSE-F33, F34, F35, F36	Biotech (o) Paper : XIII, XIV, XV, XVI
DSE-E37, E38, E39, E40	Geography Paper : IX, X, XI, XII	DSE-F37, F38, F39, F40	Geography Paper : XIII, XIV, XV, XVI
DSE-E41, E42, E43, E44	Geology Paper : IX, X, XI, XII	DSE-F41, F42, F43, F44	Geology Paper : XIII, XIV, XV, XVI
DSE-E45, E46, E47, E48	Seed Tech. Paper : IX, X, XI, XII	DSE-F45, F46, F47, F48	Seed Tech. Paper : XIII, XIV, XV, XVI
DSE-E49, E50, E51, E52	Microbiology Paper : IX, X, XI, XII	DSE-F49, F50, F51, F52	Microbiology Paper : XIII, XIV, XV, XVI
DSE-E53, E54, E55, E56	Ind. Microbio. Paper : IX, X, XI, XII	DSE-F53, F54, F55, F56	Ind. Microbio. Paper : XIII, XIV, XV, XVI
DSE-E57, E58, E59, E60	Biochemistry Paper : IX, X, XI, XII	DSE-F57, F58, F59, F60	Biochemistry Paper : XIII, XIV, XV, XVI
DSE-E61, E62, E63, E64	Psychology Paper : IX, X, XI, XII	DSE-F61, F62, F63, F64	Psychology Paper : XIII, XIV, XV, XVI
DSE-E65, E66, E67, E68	Food Sc. & QC Paper : IX, X, XI, XII	DSE-F65, F66, F67, F68	Food Sc. & QC Paper : XIII, XIV, XV, XVI
DSE-E69, E70, E71, E72	Astrophysics Paper : IX, X, XI, XII	DSE-F69, F70, F71, F72	Astrophysics Paper : XIII, XIV, XV, XVI
DSE-E73, E74, E75, E76	Nanotech.(o) Paper : IX, X, XI, XII	DSE-F73, F74, F75, F76	Nanotech (o) Paper : XIII, XIV, XV, XVI
DSE-E77, E78, E79, E80	Geochemistry Paper : IX, X, XI, XII	DSE-F77, F78, F79, F80	Geochemistry Paper : XIII, XIV, XV, XVI
DSE-E81, E82, E83, E84	Plant Prot. Paper : IX, X, XI, XII	DSE-F81, F82, F83, F84	Plant Prot. Paper : XIII, XIV, XV, XVI
DSE-E85, E86, E87, E88	Pollution Paper : IX, X, XI, XII	DSE-F85, F86, F87, F88	Pollution Paper : XIII, XIV, XV, XVI
DSE-E89, E90, E91, E92	Fisheries Paper : IX, X, XI, XII	DSE-F89, F90, F91, F92	Fisheries Paper : XIII, XIV, XV, XVI
AECC – E	English Paper : III	AECC – F	English Paper : IV
SSC – III : Constitution of India & Local Self Government (Compulsory)		SSC – IV: (Any One): Interview & Presentation Skills / Entrepreneurship Development Skills / Travel & Tourism / E-Banking & Financial Services / Right To Information, Intellectual Property Right & Human Right	

Marks Obtained	Numerical Grade (Grade Point)	CGPA	Letter Grade
Absent	0 (zero)	-	-
0 - 34	0 (zero)	0.0 – 4.99	F (Fail)
35 - 44	5	5.00 – 5.49	C
45 - 54	6	5.50 – 6.49	B
55 - 64	7	6.50 – 7.49	B+
65 - 74	8	7.50 – 8.49	A
75 - 84	9	8.50 – 9.49	A+
85 - 100	10	9.50 – 10.0	O (Outstanding)

Note: 1. Marks obtained > = 0.5 shall be rounded off to next higher digit. 2. The SGPA & CGPA shall be rounded off to two decimal points. 3. Marks obtained in 50 marks paper or in 200 marks paper shall be converted to 100 marks to find Grade Point.

Calculation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)

$$(\text{SGPA}) = \frac{\sum(\text{Course Credits} \times \text{Grade Point obtained}) \text{ of a semester}}{\sum(\text{Course Credits}) \text{ of respective semester}}$$

$$\text{(CGPA)} = \frac{\sum(\text{Total Course Credits of a semester} \times \text{SGPA of respective semester})}{\sum(\text{Total Course Credits}) \text{ of all semesters}}$$