

**BOARDS OF STUDIES IN RESTRUCTURING PATTERN AND VOCATIONAL PATTERN**

**SAVITRIBAI PHULE PUNE UNIVERSITY**



**EQUIVALANCE FOR FIRST, SECOND AND THIRD YEAR B.Sc.**

<b>OLD COURSE (2013 PATTERN) ANNUAL PATTERN</b>	<b>NEW COURSE (CBCS PATTERN 2019)</b>
<b>F.Y.B.SC.</b>	
<b>Term I &amp; II</b>	<b>SEMESTER -I</b>
Foundation Course	RE-A-FC-101 Foundation Course- I
National Service Scheme	RE-E-NSS-102 National Service Scheme-I,
National Cadet Corps	RE-E-NCC-103 National Cadet Corps-I
Population Education	RE-E-PE-104 Population Education-I,
Family planning and health	RE-E-FPHE-105 Family planning and health education-I
	<b>SEMESTER II</b>
	RE-E-SP-106 Sports-I
	RE-A-FC-111 Foundation Course- II
	RE-E-NSS-112 National Service Scheme-II,
	RE-E-NCC-113 National Cadet Corps-II,
	RE-E-PE-114 Population Education-II,
	RE-E-FPHE-115 Family planning and health education-II
	RE-E-SP-116 Sports-II.
<b>S.Y.B.Sc</b>	
<b>OLD COURSE (2014 PATTERN)</b>	<b>NEW COURSE (CBCS PATTERN 2020)</b>
<b>SEMESTER I &amp; II</b>	<b>SEMESTER -III</b>
Pharmaceutical Chemistry	RE-C-PC-231 Pharmaceutical Chemistry- I 02
Energy Studies	RE-C-ES-232 I Energy Studies-I,
Horticulture and Its Management	RE-C-HM-233 I Horticulture and Its Management -I
Applied Entomology	RE-C-AE-234 I Applied Entomology-I,
Dairy Science	RE-C-DS-235 I Dairy Science -I
	RE-C-Pract-236 I Practical for above Theory paper opted by the student Practical Paper –I
	<b>SEMESTER -IV</b>
	IV RE-C-PC-241 Pharmaceutical Chemistry- II
	RE-C-ES-242 II Energy Studies-II,

	RE-C-HM-243 II Horticulture and Its Management -II
	RE-C-AE-244 II Applied Entomology-II,
	RE-C-DS-245 II Dairy Science -II
	RE-C-Pract-246 II Practical for above Theory paper opted by the student Practical Paper –II
<b>OLD COURSE (2015 PATTERN)</b>	<b>NEW COURSE (CBCS PATTERN 2021)</b>
<b>T.Y.B.Sc.</b>	<b>T.Y.B.Sc.</b>
<b>SEMESTER I &amp; II</b>	<b>SEMESTER -V</b>
Pharmaceutical Chemistry	RE-C-PC-355 Pharmaceutical Chemistry
Energy Studies	RE-C-ES-355 Energy Studies,
Horticulture and Its Management	RE-C-HM-355 Horticulture and Its Management
Applied Entomology	RE-C-AE-355 Applied Entomology,
Dairy Science	RE-C-DS-355 Dairy Science
Project	RE-C-Practical-356 Practical based on RE-C- 355
	RE-C-359 Project Based Activity on 355 concern subject
	<b>SEMESTER -VI</b>
	RE-C-PC-365 Pharmaceutical Chemistry
	RE-C-ES-365 Energy Studies,
	RE-C-HM-365 Horticulture and Its Management
	RE-C-AE-365 Applied Entomology,
	RE-C-DS-365 Dairy Science
	RE-C-Practical-366 Practical based on RE-C- 365
	RE-C-369 Project Based on 365 concern
<b>B.Sc. VOCATIONAL COURSE</b>	<b>SEED TECHNOLOGY</b>
<b>OLD COURSE (2013 PATTERN)</b>	<b>NEW COURSE (CBCS PATTERN 2019)</b>
<b>F.Y.B.Sc.</b>	<b>F.Y.B.Sc.</b>
<b>Term I</b>	<b>SEMESTER I</b>
Paper – I (ST-1.1) Paper-I: Morphology,	Paper-I (ST 1.1) Morphology
Paper – II (ST-1.2) Seed Physiology	Paper-II (ST 1.2) Plant Breeding and Testing for Cultivar Genuineness
	Practical Paper (ST 1.3) Practicals Based on ST 1.1 and ST 1.2
<b>Term-II</b>	<b>SEMESTER II</b>
Paper – I (ST-1.1) Plant Breeding and Testing for Cultivar Genuineness	Paper-III (ST 1.4) Seed Physiology
Paper – II (ST-1.2) Seed Production	Paper-IV (ST 1.5) Seed Production



Paper-III (Practical) (ST-1.3): Practical based on Paper-I and Paper-II	Practical Paper (ST 1.6) Practicals Based on ST 1.4 and ST 1.5
<b>OLD COURSE (2014 PATTERN)</b>	<b>NEW COURSE (CBCS PATTERN 2020)</b>
<b>S.Y.B.Sc</b>	<b>S.Y.B.Sc</b>
<b>SEMESTER I</b>	<b>SEMESTER III</b>
Paper – I (ST-2.1) Hybrid Seed Production	Paper-I (ST 2.1) Hybrid Seed Production
Paper – II (ST-2.2) Seed Testing	Paper-II (ST 2.2) Seed Testing
	Practical Paper (ST 2.3) Practicals based on ST 2.1 and ST 2.2
<b>SEMESTER II</b>	<b>SEMESTER IV</b>
Paper – III (ST-2.3) Vegetable Seed Production	Paper-III (ST 2.4) Vegetable Seed Production
Paper – IV (ST-2.4) Seed Quality Control	Paper-IV (ST 2.5) Seed Quality Control
Paper-VI (Practical) (ST-2.5) Based on papers I, II, III & IV	Practical Paper (ST 2.6) Practicals based on ST 2.4 and ST 2.5
<b>OLD COURSE (2015 PATTERN)</b>	<b>NEW COURSE (CBCS PATTERN 2021)</b>
<b>T.Y.B.Sc</b>	<b>T.Y.B.Sc</b>
<b>SEMESTER I</b>	<b>SEMESTER V</b>
Paper – I (ST-3.1) Seed Pathology and Entomology	Paper-I (ST 3.1) Seed Pathology and Entomology
Paper – II (ST-3.2) Seed Farm Management, Processing and Storage	Paper-II (ST 3.2) Entrepreneurship Development
	Practical Paper (ST 3.3) Practicals based on ST 3.1 and ST 3.2
<b>SEMESTER II</b>	<b>SEMESTER VI</b>
Paper – III (ST-3.3) Entrepreneurship Development	Paper-III (ST 3.4) Seed Farm Management, Processing and Storage
Paper – IV (ST-3.4) Biotechnology and Intellectual Property Rights	Paper-IV (ST 3.5) Biotechnology and Intellectual Property Rights
Paper-VI (Practical) (ST-3.5) Based on papers I, II, III & IV	Practical Paper (ST 3.6) Practicals based on ST 3.4 and ST 3.5

 BOS CHAIRMAN Prof.D.G.Thorat Restructuring pattern	 Dr.R.D.Borse Vocational pattern Course Coordinator Seed Technology
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