



Savitribai Phule Pune University, Pune

Faculty of Science and Technology

BASKET for Skill Enhancement Course (SEC)

Class : First Year (Sem-I&II)

Sr. No	Faculty	Semester	Name of the Course	Code
1	B.A. (Mathematics)	I	1. Python-I	SEC-101-MTS-P
		II	1. Python-II	SEC-151-MTS-P
2	B.Sc. (Geology)	I	1. Earth System Science	SEC-101-GL-T
		II	1. Gemmology	SEC-151-GL-P
3	B.Sc. (Mathematics)	I	1. Python-I	SEC-101-MTS-P
		II	1. Python-II	SEC-151-MTS-P
4	B.Sc. (Botany)	I	1. Flower Design Techniques 2. Post-Harvest Technology 3. Algal Technology	SEC-101-BOT-P SEC-102-BOT-P SEC-103-BOT-P
		II	1. Plant Preservation Techniques 2. Millets for Sustainable Agriculture Development 3. Plant Propagation Techniques	SEC-151-BOT-P SEC-152-BOT-P SEC-153-BOT-P
5	B.Sc. (Electronics Science)	I	1. Electronic Circuit Building and Testing	SEC-101- ELS-P
		II	2. PCB Designing and Fabrication	SEC-151- ELS-P
6	B.Sc. (Environmental Science)	I	1. Fundamentals of Environmental Geosciences	SEC-101-EVS-T
		II	2. Fundamentals of Environmental pollution	SEC-151-EVS-T
7	B.Sc. (Hospitality Studies)	I	1. Personality Development	SEC-101-HS-T
		II	2. Soft Skills for Hospitality Professionals	SEC-151-HS-T
8	B.Sc. (Zoology)	I	1. Vermiculture Management 2. Practicals in Advanced Vermitechnology	SEC-101-ZOO-T SEC-102-ZOO-P
		II	1. Dairy Production & Management 2. Practicals in Dairy Science	SEC-151-ZOO-T SEC-152-ZOO-P
9	B.A. (Geography)	I	1. Introduction to Water Analysis	SEC-101-GEO-T
		II	1. Practicals in water analysis	SEC-151-GEO-P
10	B.Sc. (Animation)	I	1. Character Design	SEC-101-ANM -P
		II	1. Digital Photography	SEC-151-ANM-P
11	B.Sc. (Fashion Design)	I	1. Basics of Embroideries	SEC-101-FD-T
		II	1. Basics of Embroideries II	SEC-151-FD-P

12	B.Sc. (Geography)	I	1. Introduction to Cartography 2. Introduction to Digital Mapping	SEC-101-GEO-T SEC 102-GEO-T
		II	1. Practicals in Cartographic Techniques 2. Practicals in Digital Mapping	SEC-151-GEO-P SEC-152-GEO-P
13	B.Sc. (Physics)	I	1. Experimental Skills in Physics 2. Physics of Water Filtration Systems 3. Renewable Energy and Energy Harvesting 4. Programming for Physical Applications (C++ / Python)	SEC-101-PHY-P SEC-102-PHY-P SEC-103-PHY-P SEC-104-PHY-P
		II	1. Numerical Techniques in Physics 2. Introduction to Laser and Fibre Optics 3. Radiation Safety 4. Basic Lab Electric devices and Circuits	SEC-151-PHY-P SEC-152-PHY-P SEC-153-PHY-P SEC-154-PHY-P
14	B.Sc. (Home Science)	I	1. Fabric Ornamentation	SEC-101-HSC-P
		II	1. Resource Management	SEC-151-HSC-P
15	B.Sc. (Seed Technology)	I	1. Flower Design Techniques 2. Post-Harvest Technology 3. Application of Pollen Biology in Bee	SEC-101-ST-P SEC-102-ST-P SEC-103-ST-P
		II	1. Plant Preservation Techniques 2. Millets for Sustainable Agriculture Development 3. Plant Propagation Techniques	SEC-151-ST-P SEC-152-ST-P SEC-153-ST-P
16	B.Sc. (Statistics)	I	1. MS-EXCEL for Data Analysis (Practical Course)	SEC-101-STS-P
		II	1. Computational Statistics using MSEXCEL (Practical Course)	SEC-151-STS-P
17	B.Sc. (Biotechnology)	I	1. Bioinstrumentation	SEC-101 BT-P
			2. Microscopic Techniques	SEC-102 BT-P
			3. Aseptic Techniques	SEC-103 BT-P
		II	1. Microbial culture techniques	SEC-151 BT-P
			1. Separation techniques	SEC-152 BT-P
			1. Computer in Biotechnology	SEC-153 BT-P
18	B.Sc. (Chemistry)	I	1. Chemistry Laboratory Skills - I 2. Chemistry Laboratory Skills – I	SEC-101-CHE(A)-T SEC-101-CHE(B)-P
		II	1. Chemistry Laboratory Skills – II 2. Basics in Computer for Chemistry	SEC-151-CHE(A)-T SEC-151 CHE (B)-P
19	B.Sc. (Microbiology)	I	1. Basic Skills in Microbiology Laboratory –I	SEC-101-MB-P
		II	1. Basic Skills in Microbiology Laboratory-II	SEC-151-MB-P
20	B.Sc. (Wine, Brewing and Alcohol Technology)	I	1. Handling and maintenance of equipment's in alcohol production	SEC-101-WT-P
		II	1. Experiments in fruit processing	SEC-151-WT-P

21	B.Sc. (Artificial Intelligence and Machine Learning)	I	1. Basic Probability theory and Discrete Distributions	SEC-101-AIML-T
		II	1. Databases – I	SEC-151-AIML-T
22	B.Sc. (Data Science)	I	1. Computer Organization	SEC-101-DS-T
		II	1. Lab Course on Excel and Advanced Excel	SEC-151-DS-P
23	B.Sc. (Information Technology)	I	1. Database Management System	SEC-101-IT-T
		II	1. Practical based on Database Management System	SEC-151-IT-P
24	B. Sc. (Cyber Science)	I	1. Basics of Digital Communication	SEC-101-CYS-P
		II	1. Statistical Methods-I	SEC-151-CYS-P
25	B. Sc. (Computer Science)	I	1. Statistical Methods for Computer Science I	SEC-101-CS-P
		II	1. Statistical Methods for Computer Science II	SEC-151-CS-P
26	B.C.A.	I	1. HTML and Web Page Designing	SEC-101-CA-P
		II	1. Software Tools for Business Communications	SEC-151-CA-P
27	B.Sc. (Computer Applications)	I	1. HTML and Web Page Designing	SEC-101-CA-P
		II	1. Software Tools for Business Communications	SEC-151-CA-P
28	B.Sc. Statistics	I	1. MS-EXCEL for Data Analysis (Practical Course)	SEC-101-STS-P
		II	1. Computational Statistics using MSEXCEL (Practical Course)	SEC-151-STS-P
29	B. Sc. (Nanoscience and Nanotechnology)	I	1. C-Programming	SEC-101-NS-T
		II	1. Basic Instrumentation Skill	SEC-151-NS-T
30	B.A. (Restructuring Pattern)	I	1. Communication Skill in English –I 2. Communication Skill in Marathi-I 3. Preparation for Competitive Examinations-I 4. Nursery Development -I 5. Radio Repairing -I	SEC-101- RE-T SEC-102- RE-T SEC-103- RE-T SEC-104- RE-T SEC-105- RE-T
		II	1. Communication Skill in English -II 2. Communication Skill in Marathi - II 3. Nursery Development -II 4. Preparation for Competitive Examinations -II 5. Radio Repairing -II	SEC-151- RE-P SEC-152- RE-P SEC-153- RE-P SEC-154- RE-P SEC-155- RE-P
31	B.Sc. (Restructuring Pattern)	I	1. Population Education – I 2. Family Planning and Health Education - I 3. National Service Scheme - I 4. National Cadet Corp –I 5. Sports – I	SEC-101- RE-T SEC-102- RE-T SEC-103- RE-T SEC-104- RE-T SEC-105- RE-T

		II	1. Population Education – II 2. Family Planning and Health Education -II 3. National Service Scheme - II 4. National Cadet Corp –II 5. Sports – II	SEC-151- RE-P SEC-152- RE-P SEC-153- RE-P SEC-154- RE-P SEC-155- RE-P
32	B.Sc. (Aviation)	I	1. Analog Electronics-I Lab	SEC-101- BAV-P
		II	1. Analog Electronics-II La	SEC-151- BAV-T
33	B. Sc. (Cyber and Digital Science)	I	1. Fundamentals of Digital Communication (Practical)	SEC-101-CDS-P
		II	1. Statistical techniques for Computer Science 2. Advance Excel	SEC-151-CDS-P