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SHIVAJI UNIVERSITY, KOLHAPUR - 416004,
MAHARASHTRA

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शिवाजी विद्यापीठ, कोल्हापूर - ४१६००४, महाराष्ट्र

दूरध्वनी-ईपीएबीएक्स -२६०९०००, अभ्यासमंडळे विभाग दुरध्वनी ०२३१-२६०९०९४

०२३१-२६०९४८७



जा.क्र.शिवाजी वि./अमं/318

दिनांक.05 / 06 / 2024

प्रति,

मा. प्राचार्य,
सर्व संलग्नित महाविद्यालय,
शिवाजी विद्यापीठ, कोल्हापूर

विषय :- पदवी अभ्यासक्रमातील बास्केटबाबत.

महोदय / महोदया,

उपरोक्त विषयास अनुसरून आदेशान्वये कळविण्यात येते की, राष्ट्रीय शैक्षणिक धोरण, 2020, (2.0) नूसार शैक्षणिक वर्षे 2024-25 पासून लागू करण्यात आलेल्या पदवी (बी.ए./बी.कॉम./बी.एस्सी) अभ्यासक्रमातील विषयांची उपलब्ध यादी (Basket) तयार करण्यात आली असून ती सोबत जोडली आहे याची नोंद घ्यावी.

कळावे,

आपला विश्वासू

(डॉ. एस. एम. कुबल)
उपकुलसचिव

प्रत,

- 1) मा.संचालक, परीक्षा व मुल्यमापन मंडळ
- 2) सर्व अधिष्ठाता सर्व विद्याशाखा,
- 3) अध्यक्ष,सर्व अभ्यासमंडळ/अस्थायी मंडळ,
- 4) मा.संचालक,संगणक केंद्र/आय.टी.सेल,
- 5) बी.ए./बी.कॉम/बी.एस्सी.परीक्षा विभाग,



SHIVAJI UNIVERSITY KOLHAPUR

Faculty of Science and Technology

Basket of B.Sc Part I 2024-25 NEP-2020 (2.0)

Subject	Level	Sem	Name of Courses I,II,III	Credits
Mathematics	4.5	I	DSC-I Basic Algebra	2
			DSC-II Calculus	2
			DSC Pract-I Practical Course I	2
		II	DSC-III Differential Equations-I	2
			DSC-IV Discrete Mathematics	2
			DSC Pract-II Practical Course II	2
Physics	4-5	I	DSC-I Mechanics	2
			DSC-II Electricity and Magnetism I	2
			DSC P-I Mechanics & Electricity and Magnetism I	2
		II	DSC-III Properties of Matter	2
			DSC-IV Electricity and Magnetism II	2
			DSC P-II Properties of Matter & Electricity and Magnetism-II	2
Botany	4.5	I	DSC-I Phycology and Microbiology	2
			DSC-II Biomolecules and Cell Biology	2
			DSC Pract-I Practical I	2
		II	DSC-III Mycology and Phytopathology	2
			DSC-IV Archegoniate	2
			DSC-Pract-II Practical –II	2
Chemistry	4.5	I	DSC-I Inorganic Chemistry	2
			DSC-II Organic Chemistry	2
			DSC Pract-I Practical Paper-I	2
		II	DSC-III Physical Chemistry	2
			DSC-IV Analytical Chemistry	2
			DSC Pract-II Practical Paper-II	2
Statistics	4.5	I	DSC-I Descriptive Statistics-I	2
			DSC-II Elementary Probability Theory	2
			DSC Pract-I Practical-I	2
		II	DSC-III Statistical Methods	2
			DSC-IV Discrete Probability Distributions	2
			DSC Pract-II Practical-II	2



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Electronics	4.5	I	DSC-I Electronic Circuit Elements	2
			DSC-II Digital Electronics-I	2
			DSC Pract-I Practical –I	2
		II	DSC-III Semiconductor Devices	2
			DSC-IV Digital Electronics-II	2
			DSC Pract-II Practical-II	2
Microbiology	4.5	I	DSC-I Introduction to Microbiology	2
			DSC-II Basic techniques in Microbiology	2
			DSC Pract-I Practical-I	2
		II	DSC-III Bacteriology	2
			DSC-IV Applied Microbiology	2
			DSC Pract-II Practical-II	2
Industrial Microbiology	4.5	I	DSC-I Introduction to Industrial Microbiology	2
			DSC-II Basics of fermentations	2
			DSC Pract-I Practical-I	2
		II	DSC-III Introduction to Fermentation Technology	2
			DSC-IV Microbial fermentations and Assay	2
			DSC Pract-II Practical-II	2
Zoology	4.5	I	DSC-I Animal Diversity	2
			DSC-II Cell Biology	2
			DSC Pract-I Practical-I	2
		II	DSC III Genetics	2
			DSC-IV Ecology, Ethology, Evolution, and Entomology	2
			DSC Pract-II Practical-II	2
Geology	4.5	I	DSC-I Physical Geology	2
			DSC-II Structural Geology	2
			DSC Pract-I Practical-I	2
		II	DSC-III Mineralogy	2
			DSC-IV Crystallography	2
			DSC Pract-II Practical-II	2



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Computer Science	4.5	I	DSC-I Basics of C Programming	2
			DSC-II Data base Concepts	2
			DSC- Pract-I Practical-II	2
		II	DSC-III Advanced C Programming	2
			DSC-IV Advanced Database	2
			DSC Pract-II Practical-II	2
Biochemistry (Optional)	4.5	I	DSC-I Molecules Of Life 1	2
			DSC-II Molecules of Life 2	2
			DSC Pract-I Practical –I	2
		II	DSC-III Molecules of Life 3	2
			DSC-IV Biochemical Techniques 1	2
			DSC Pract-II Practical-II	2
Biotechnology (Optional/Vocational)	4.5	I	DSC-I Basic of Biotechnology-I	2
			DSC-II Basic of biotechnology II	2
			DSC Pract-I Practical-I	2
		II	DSC-III Basics of cell Biology & Microbiology-I	2
			DSC-IV Basic of microbiology-I	2
			DSC Pract-II Practical-II	2
Food Science & Quality Control	4.5	I	DSC-I Food Chemistry I	2
			DSC-II Food Microbiology-I	2
			DSC Pract-I Practical-I	2
		II	DSC-III Food Chemistry II	2
			DSC-IV Food Microbiology-II	2
			DSC Pract-II Practical-II	2
Geography	4.5	I	DSC-I Introduction to Geomorphology-I	2
			DSC-II Fundamentals of Climatology-II	2
			DSC-Pract-I Representation of Geo Data-I	2
		II	DSC-III Fundamentals of Human Geography-III	2
			DSC-IV Economics and Settlement Geography-IV	2
			DSC-Pract-II Representation of Geo Data-II	2



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Basket of B.Sc Part I 2024-25 NEP-2020 (2.0)

Plant Protection	4.5	I	DSC-I Introduction to Plant Protection and Study of Major Crops	2
			DSC-II Plant Pathology	2
			DSC- Pract-I Practical Course-I	2
		II	DSC-III Introduction to Weeds and Weed Management	2
			DSC-IV Insect Pests Non-Insect Pests and Management	2
			DSC Pract-II Practical Course-II	2
Astrophysics	4.5	I	DSC-I Fundamentals of Astronomy-I	2
			DSC-II Fundamentals of Astronomy-I	2
			DSC Pract-I Practical Course-I	2
		II	DSC-I Fundamentals of Astronomy-II	2
			DSC-II Fundamentals of Astronomy-II	2
			DSC Pract-II Practical Course-II	2
Nanotechnology	4.5	I	DSC-I	2
			DSC-II	2
			DSC Pract-I Practical Course-I	2
		II	DSC-I	2
			DSC-II	2
			DSC Pract-II Practical Course-II	2
Astrophysics and Space Science	4.5	I	DSC-I	2
			DSC-II	2
			DSC Pract-I Practical Course-I	2
		II	DSC-I	2
			DSC-II	2
			DSC Pract-II Practical Course-II	2



SHIVAJI UNIVERSITY KOLHAPUR

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Basket of B.Sc Part I Open Elective Subject-2024-25

Subject	Level	Sem	Name of Courses	Credits
Mathematics	4.5	I	OE-I Quantitative Aptitude for Competitive Examinations	2
		II	OE-II Practical's on Quantitative Aptitude	2
Physics	4.5	I	OE-I गृहउपयोगी इलेक्ट्रिकल आणि इलेक्ट्रॉनिक उपकरणे	2
		II	OE-II गृहउपयोगी इलेक्ट्रिकल आणि इलेक्ट्रॉनिक उपकरणे	2
Botany	4.5	I	OE-I Bio Fertilizers and Manures	2
		II	OE-II Gardening Technique	2
Chemistry	4.5	I	OE-I Water Analysis	2
		II	OE-II Soil Analysis	2
Statistics	4.5	I	OE-I Basic Statistics Practical-I	2
		II	OE-II Basic Statistics Practical-II	2
Electronics	4.5	I	OE-I Home Appliances Maintenance and Repairing	2
			OE-I Solar Power Technology	2
		II	OE-II Home Appliances Maintenance and Repairing	2
			OE-II Solar Power Technology	2
Microbiology	4.5	I	OE-I Fermented Food and Preservation Technology	2
		II	OE-II Food Science and Food Processing	2
Industrial Microbiology	4.5	I	OE-I Fermented Food and Preservation Technology	2
		II	OE-II Food Science and Food Processing	2
Zoology	4.5	I	Diet and Nutrition	2
		II	Vermiculture	2
Geology	4.5	I	OE-I Solid Materials of earth	2
		II	OE-II Historic Water Management	2
Geography	4.5	I	OE-I Science Technology and Development	2
			OE-I Fundamentals of Earth Science	2
		II	OE-II Science Technology and Development	2
			OE-II Fundamentals of Earth Science	2



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Basket of B.Sc Part I Open Elective Subject-2024-25

Computer Science	4.5	I	OE-I	2
		II	OE-II	2
Biochemistry (Optional)	4.5	I	OE-I	2
		II	OE-II	2
Biotechnology (Optional/Vocational)	4.5	I	OE-I	2
		II	OE-II	2
Food Science & Quality Control	4.5	I	OE-I Introduction to Food Processing & Preservation	2
		II	OE-II Introduction to Food Processing & Preservation	2
All Faculty all Subject	4.5	I	OE-I Innovation and Entrepreneurship- I	2
		II	OE-II Innovation and Entrepreneurship- II	2

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Basket of B.Sc Part I VEC Subject-2024-25

Part	Level	Sem	Name of Courses	Credits
B.Sc. Part I	4.5	II	VEC-I Democracy, Election and Constitution	2

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Basket of B.Sc. Part I IKS Subject 2024-25

Part I	Level	Sem	Name of Courses	Credits
B.Sc Part I	4.5	I	Interdisciplinary course in Generic IKS	2