

KRISHNA VISHWA VIDYAPEETH (DEEMED TO BE UNIVERSITY)
LIST OF COURSES HAVING GENDER, ENVIRONMENTAL SUSTAINABILITY ETC

S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
1	Bachelor of Medicine & Surgery (MBBS)	Anatomy		√	√				
		Physiology			√	√			√
		Biochemistry		√	√	√			√
		Pharmacology			√	√	√		√
		Pathology			√				
		Microbiology			√				
		FMT			√				√
		Community Medicine	√	√	√	√	√	√	√
		ENT			√				
		Ophthalmology			√				
		General Medicine			√		√		√
		General Surgery		√	√		√		√
		Obs./Gyn.	√		√	√	√	√	
		Pediatrics	√		√	√			
2	M.D. Anatomy	Paper I			√				
		Paper II			√				
		Paper III			√				
		Paper IV			√				
3	M. D. Physiology	Paper I			√				
		Paper II			√				
		Paper III			√				

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		Paper IV			√				
4	M. D. Pathology	Paper I			√				
		Paper II			√				
		Paper III			√				
		Paper IV			√				
5	M. D. Microbiology	Paper I		√	√				√
		Paper II		√	√				√
		Paper III		√	√				√
		Paper IV		√	√				√
6	M. D. Pharmacology	Paper I			√				
		Paper II			√				
		Paper III			√				
		Paper IV			√				
7	MD Community Medicine (PSM)	Paper I	√	√	√	√	√	√	√
		Paper II			√	√		√	
		Paper III			√	√		√	

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		Paper IV			√	√		√	
8	MD General Medicine	Paper I			√		√		√
		Paper II			√		√		√
		Paper III			√		√		√
		Paper IV			√		√		√
9	MD Pediatrics	Paper I	√		√	√	√		
		Paper II	√		√	√	√		
		Paper III	√		√	√	√		
		Paper IV	√		√	√	√		
10	MS General Surgery	Paper I		√	√		√		
		Paper II		√	√		√		
		Paper III		√	√		√		
		Paper IV		√	√		√		
11	MD Radio Diagnosis	Paper I			√				
		Paper II			√				
		Paper III			√				
		Paper IV			√				
12	MS Obs./Gyn.	Paper I	√		√	√	√	√	

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		Paper II	√		√	√	√	√	
		Paper III	√		√	√	√	√	
		Paper IV	√		√	√	√	√	
13	MD Anesthesia	Paper I			√				
		Paper II			√				
		Paper III			√				
		Paper IV			√				
14	MS Orthopedics	Paper I			√				
		Paper II			√				
		Paper III			√			√	
		Paper IV			√			√	
15	M.S. ENT	Paper I			√			√	
		Paper II			√			√	
		Paper III			√				
		Paper IV			√				
16	M.S. Ophthalmology	Paper I			√				
		Paper II			√				
		Paper III			√				

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		Paper IV			√				
17	M. D. Dermatology	Paper I			√				
		Paper II			√				
		Paper III			√				
		Paper IV			√				
18	M. D. Biochemistry	Paper I		√	√	√			√
		Paper II			√				
		Paper III			√				
		Paper IV			√				
19	Bachelor of Dental Surgery (BDS)	General Anatomy	√	√	√	√	√	√	
		General Physiology & Biochemistry		√	√		√		
		Dental Anatomy, Embryology and Oral Histology		√	√		√		

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		General Pathology & Microbiology			√		√		√
		General & Dental Pharmacology & Therapeutics	√		√	√	√		
		Dental Materials	√		√	√	√	√	
		Pre-Clinical Prosthodontics (Pract)	√		√	√	√	√	
		Pre-Clinical Conservative Dentistry (Pract)		√	√		√		
		General Medicine			√		√		√
		General Surgery			√		√		√
		Oral Pathology & Microbiology			√		√		√
		Oral Medicine & Radiology	√		√	√	√	√	
		Pediatric & Preventive Dentistry	√		√	√	√	√	
		Periodontics	√		√	√	√	√	
		Prosthodontics and Crown & Bridge	√		√	√	√	√	
		Conservative Dentistry & Endodontics		√	√		√		
		Oral & Maxillo facial Surgery		√	√		√		

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		Orthodontics & Dentofacial Orthopaedics							
		Public Health Dentistry			√		√		√
20	MDS in Prosthodontics and Crown & Bridge	Paper I	√		√	√	√		
		Paper II	√		√	√	√		
		Paper III	√		√	√	√		
		Paper IV		√	√		√		
21	MDS in Conservative Dentistry & Endodontics	Paper I		√	√		√		
		Paper II						√	
		Paper III						√	
		Paper IV						√	
22	MDS in Oral and Maxillofacial Surgery	Paper I			√		√	√	√
		Paper II	√		√	√	√		
		Paper III	√		√	√	√		
		Paper IV	√		√	√	√		
23	MDS in Periodontology	Paper I	√		√	√	√		
		Paper II		√	√		√		
		Paper III		√	√		√		
		Paper IV							

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24	MDS in Oral Pathology & Microbiology & Forensic Odontology	Paper I							
		Paper II	√		√	√	√	√	
		Paper III	√		√	√	√	√	
		Paper IV	√		√	√	√	√	
25	MDS in Orthodontics & Dentofacial Orthopaedics	Paper I	√		√	√	√		
		Paper II		√	√		√		
		Paper III		√	√		√	√	
		Paper IV						√	
26	MDS in Paedodontics & Preventive Dentistry	Paper I			√		√	√	√
		Paper II	√		√	√	√		
		Paper III			√		√		√
		Paper IV			√		√		√
27	Fellowship in Cleft Lip & Palate	Paper I	√		√	√	√		
28	Fellowship in Micro Endodontics	Paper I	√		√	√	√		
29	Diploma in Dental Clinical Auxillary	Paper I	√		√	√	√		
30	PG Diploma in Conscious Sedation	Paper I		√	√		√		

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31	PG Diploma in Dental Implantology	Paper I	√		√	√	√	√	
32	Bachelor of Physiotherapy	Human Anatomy	√					√	
		Human Physiology	√					√	
		Biochemistry				√		√	
		Fundamentals of exercise therapy				√			
		Fundamentals of electrotherapy				√			
		Pharmacology				√			
		Pathology & Microbiology				√	√		
		Exercise therapy				√			
		Electrotherapy				√			
		Psychology	√		√	√	√	√	
		Surgery & Orthopaedics			√	√			
		Medicine			√	√			
		Obstetrics & Gynecology			√	√			
		Physical Diagnosis & manipulative skills			√	√	√		
		Community Health sociology and biostatics	√	√	√	√		√	√
		Psychiatry	√		√	√	√	√	
		Pediatrics	√			√	√	√	

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		Physiotherapy in musculoskeletal condition	√			√	√	√	
		Physiotherapy in Neurosciences	√			√	√	√	
		Physiotherapy in General Medicine & Surgical conditions	√			√	√	√	
		Physiotherapy in Community Health	√	√		√	√	√	
		Ethics & Principles in Physiotherapy Practice			√		√		√
33	MPTh in Musculoskeletal sciences	Basic sciences	√			√			
		Basic therapeutics	√		√	√			
		Advanced therapeutics				√			
		Biostatistics and research methodology			√		√	√	√
		General physiotherapy			√	√	√	√	
		Specialty subject			√	√	√	√	
34	MPTh in Neurosciences	Basic sciences	√			√			
		Basic therapeutics	√		√	√			
		Advanced therapeutics				√			

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		Biostatistics and research methodology			√		√	√	√
		General physiotherapy			√	√	√	√	
		Specialty subject			√	√	√	√	
35	MPTh in Cardio pulmonary sciences	Basic sciences	√			√			
		Basic therapeutics	√		√	√			
		Advanced therapeutics				√			
		Biostatistics and research methodology			√		√	√	√
		General physiotherapy			√	√	√	√	
		Specialty subject			√	√	√	√	
36	MPTh in Pedeatric Neurology	Basic sciences	√			√			
		Basic therapeutics	√		√	√			
		Advanced therapeutics				√			
		Biostatistics and research methodology			√		√	√	√
		General physiotherapy			√	√	√	√	
		Specialty subject			√	√	√	√	
37	MPTh in Community Health	Basic sciences	√			√			
		Basic therapeutics	√		√	√			
		Advanced therapeutics				√			

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		Biostatistics and research methodology			√		√	√	√
		General physiotherapy			√	√	√	√	
		Specialty subject			√	√	√	√	
38	MPTh in Oncology Physiotherapy	Basic sciences	√			√			
		Basic therapeutics	√		√	√			
		Advanced therapeutics				√			
		Biostatistics and research methodology			√		√	√	√
		General physiotherapy			√	√	√	√	
		Specialty subject			√	√	√	√	
39	MPTh in Sports Physiotherapy	Basic sciences	√			√			
		Basic therapeutics	√		√	√			
		Advanced therapeutics				√			
		Biostatistics and research methodology			√		√	√	√
		General physiotherapy			√	√	√	√	
		Specialty subject			√	√	√	√	
40	Basic B. Sc. Nursing	Anatomy & Physiology							
		Nursing Foundation	√	√	√	√	√	√	√
		Nutrition & Biochemistry	√			√			

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		Psychology	√		√	√	√		√
		Microbiology		√		√			
		Introduction to Computer (CEX)		√			√		
		English (CEX)					√		
		Sociology		√	√				
		Pharmacology, Pathology, Genetics				√			
		Community Health Nursing	√	√	√	√	√		
		Communication & Education Technology							
		Medical Surgical Nursing	√	√	√	√	√	√	√
		Medical Surgical Nursing		√	√	√	√	√	√
		Child Health Nursing	√	√	√	√	√	√	√
		Mental Health Nursing	√	√	√	√		√	
		Nursing Research & Statistics			√	√			
		Community Health Nsg - II					√	√	
		Midwifery & Obstetrical Nursing	√	√	√	√			√

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		Management of Nursing Services & Education							√
41	Post Basic B. Sc. Nursing	Nursing Foundation	√	√	√	√	√	√	√
		Nutrition & Dietetics					√		
		Biochemistry & Biophysics		√			√	√	
		Psychology			√	√		√	
		Microbiology							
		Maternal Nursing	√	√	√	√			
		Child Health Nursing	√	√	√	√			
		Medical Surgical Nursing	√	√	√	√			
		English (CEX)			√	√			
		Community Health Nursing	√	√	√	√	√	√	√
		Introduction to Nursing Education			√		√	√	
		Introduction to Nursing Service Administration	√		√				
		Mental Health Nursing	√		√				
		Introduction to Nursing Research & Statistics (CEX)			√	√	√	√	√
		Sociology	√		√				
42	Medical Surgical Nursing	Nursing Education	√		√		√	√	√

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		Advance Nursing Practice		√		√	√	√	
		Medical Surgical Nursing							
		Nursing Research and Statistics			√				
		Nursing Management							
		Medical Surgical Nursing	√	√	√	√	√	√	
43	Obstetrics and Gynecology Nursing	Nursing Education	√			√			
		Advance Nursing Practice	√		√				
		Obstetrics & Gynecology Nursing		√	√		√		
		Research and Statistics			√				√
		Nursing Management				√	√		
		Obstetrics & Gynecology Nursing	√	√	√	√	√	√	√
44	Child Health (Pediatrics) Nursing	Nursing Education				√			
		Advance Nursing Practice					√		
		Child Health (Pediatrics) Nursing	√	√	√	√	√	√	√

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		Research and Statistics			√				
		Nursing Management							
		Child Health (Pediatrics) Nursing	√	√	√	√	√	√	
45	Community Health Nursing	Nursing Education						√	
		Advance Nursing Practice					√		√
		Community Health Nsg.	√	√	√	√	√	√	√
		Research and Statistics	√	√					
		Nursing Management			√				
		Community Health Nsg.	√	√	√	√	√	√	
46	Mental Health (Psychiatric) N.	Nursing Education			√	√		√	
		Advance Nursing Practice	√						√
		mental Health Nursing		√		√	√		√
		Research and Statistics		√	√			√	
		Nursing Management							
		mental Health Nursing	√	√	√	√	√	√	√

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47	M. Sc. In NPCC	Research application and Evidence based practice in critical care	√		√		√		√
		Advanced skills in leadership, management and teaching	√		√		√		√
		Advance Practice Courses Advanced Pathophysiology & Advanced pharmacology relevant to critical care nursing	√		√		√		√
		Advanced health/physical assessment			√		√		√
48	M. Sc. In NPCC	Foundations of Critical Care Nursing Practice			√		√		√
		Critical Care Nursing I	√		√		√		√
		Critical Care Nursing II	√		√		√		√
49	PG Diploma in Operation Theater Techniques for Nurses	Paper I			√		√		√
50	PG Diploma in Neonatology for Nurses	Paper I	√	√	√		√		√

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51	PG Diploma in Wound Care Management	Paper I	√			√	√		√
52	PG Diploma in Breastfeeding Counseling	Paper I		√	√			√	√
53	PG Diploma if Quick Response Nurses Team	Paper I	√			√	√		√
54	B. Pharmacy	Human Anatomy and Physiology I (Theory) – Sem I	√						
		Pharmaceutical Analysis I (Theory)– Sem I							
		Pharmaceutics I (Theory)– Sem I							
		Pharmaceutical Inorganic Chemistry (Theory) – Sem I							
		Communication Skill *(Theory)– Sem I							
		Remedial Biology /Remedial Maths* (Theory)- Sem I	√						
		Human Anatomy and Physiology I (Practical)– Sem I							

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		Pharmaceutical Analysis I(Practical) – Sem I							
		Pharmaceutics I (Practical)– Sem I							
		Pharmaceutical Inorganic Chemistry (Practical)– Sem I							
		Communication Skill* (Practical)– Sem I							
		Remedial Biology* (Practical) - Sem I							
		Human Anatomy and Physiology II (Theory) – Sem II	√						
		Pharmaceutical Organic Chemistry-I (Theory) – Sem II							
		Biochemistry (Theory) – Sem II				√			
		Pathophysiology (Theory) – Sem II				√			
		Computer Applications in Pharmacy * (Theory)– Sem II							

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		Environmental Sciences* (Theory)– Sem - II		√					
		Human Anatomy and Physiology II (Practical)– Sem II				√			
		Pharmaceutical Organic Chemistry -I(Practical)– Sem II							
		Biochemistry (Practical) – Sem II				√			
		Computer Applications in Pharmacy* (Practical) – Sem II							
		Pharmaceutical Organic Chemistry II (Theory) – Sem III							
		Physical Pharmaceutics I (Theory) – Sem III							
		Pharmaceutical Microbiology (Theory) – Sem III				√			
		Pharmaceutical Engineering (Theory) – Sem III							

S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Pharmaceutical Organic Chemistry II (Practical) – Sem III							
		Physical Pharmaceutics I (Practical) – Sem III							
		Pharmaceutical Microbiology (Practical) – Sem III				√			
		Pharmaceutical Engineering (Practical) – Sem III							
		Pharmaceutical Organic Chemistry III (Theory) – Sem IV							
		Medicinal Chemistry I (Theory) – Sem IV							
		Physical Pharmaceutics II (Theory) – Sem IV							
		Pharmacology I (Theory) – Sem IV				√			
		Pharmacognosy and Phytochemistry I (Theory) - Sem IV							
		Medicinal Chemistry I (Practical) – Sem IV							
		Physical Pharmaceutics II (Practical) – Sem IV							

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		Pharmacology I (Practical) – Sem IV				√			
		Pharmacognosy and Phytochemistry I (Practical) - Sem IV							
		Medicinal Chemistry II (Theory) - Sem V							
		Industrial PharmacyI (Theory) – Sem V							
		Pharmacology II (Theory) - Sem V				√			
		Pharmacognosy and Phytochemistry-II (Theory) - Sem V							
		Pharmaceutical Jurisprudence (Theory) - Sem V					√		√
		Industrial Pharmacy I (Practical)-Sem V							
		Pharmacology II (Practical) - Sem V				√			
		Pharmacognosy and Phytochemistry (Practical) - Sem V							
		Medicinal Chemistry III (Theory) – Sem VI							

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Pharmacology III (Theory) – Sem VI				√			
		Herbal Drug Technology (Theory)– Sem VI							
		Biopharmaceutics and Pharmacokinetics (Theory)– Sem VI							
		Pharmaceutical Biotechnology (Theory)– Sem VI				√			
		Quality Assurance (Theory)– Sem VI							
		Medicinal Chemistry III (Practical) – Sem VI							
		Pharmacology III (Practical) – Sem VI				√			
		Herbal Drug Technology (Practical) – Sem VI							
		Instrumental Methods of Analysis (Theory)– Sem VII							
		Industrial PharmacyII (Theory)– Sem VII							
		Pharmacy Practice(Theory) – Sem VII							

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Novel Drug Delivery System (Theory) –Sem VII							
		Instrumental Methods of Analysis (Practical) – Sem VII							
		Practice School – Sem VII							
		Biostatistics and Research Methodology – Sem VIII							
		Social and Preventive Pharmacy - Sem VIII							
		Pharma Marketing Management - Sem VIII							
		Pharmaceutical Regulatory Science - Sem VIII							
		Pharmacovigilance - Sem VIII							

S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Quality Control and Standardization of Herbals - Sem VIII							
		Computer Aided Drug Design - Sem VIII							
		Cell and Molecular Biology- Sem VIII							
		Cosmetic Science - Sem VIII							
		Experimental Pharmacology- Sem VIII							
		Advanced Instrumentation Techniques - Sem VIII							
		Dietary Supplements and Nutraceuticals - Sem VIII							
		Pharmaceutical Product Development							
		Project Work - Sem VIII							
55	M. Sc. Biotechnology	Foundation of Biochemistry for Biotechnologist	√		√		√		√
		Cell Biology and Biostatistics	√		√		√		√

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Microbiology & Immunology-I			√		√		√
		Biochemical, Biophysical Immunochemical and Biotechnological Techniques	√	√	√		√		√
		Practical Course I	√			√	√		√
		Practical Course II		√	√			√	√
		Cell Physiology & Metabolism							
		Molecular Biology & Biotechnology							
		Microbiology & Immunology-II				√			
		Foundation for use of Computer, Communications, Scientific Writing and Presentation							
		Practical Course III							
		Practical Course IV							
		Environmental Biotechnology	√						
		Plant Tissue culture							
		Industrial Fermentations							

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Bioinformatics for Biotechnologist							
		Practical Course V							
		Practical Course VI							
		Enzyme Technology							
		Animal Tissue Culture							
		Recombinant DNA Technology							
		Pharmaceutical Microbiology and Biotechnology							
		Practical Course VII							
		Project Work (Elective)							
		Vocational Training (Industrial Training) (Elective)							
56	M.Sc. Microbiology	Foundation of Biochemistry for Microbiologist	√		√		√		√
		Foundation of Cell Biology and Biostatistics for Microbiologist	√		√		√		√
		Medical Microbiology and Immunology-I			√		√		√

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Biochemical, Biophysical Immunochemical and Microbiological Techniques	√	√	√		√		√
		Practical Course I	√			√	√		√
		Practical Course II		√	√			√	√
		Microbial Physiology and Metabolism							
		Microbial Genetics and Molecular Biology	√		√		√		√
		Medical Microbiology and Immunology II			√		√		√
		Fundamentals for use of Computers, Communications Skills, Scientific Writing and Presentation	√	√	√		√		√
		Practical Course III	√		√		√		√
		Practical Course IV			√		√		√
		Food and Dairy Microbiology	√	√	√		√		√
		Microbial Technology – I	√			√	√		√

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Environmental and Applied Microbiology		√	√			√	√
		Bioinformatics for Microbiologist							
		Practical Course V	√		√		√		√
		Practical Course VI			√		√		√
		Enzymology	√	√	√		√		√
		Microbial Technology II							
		Recombinant DNA Technology	√		√		√		√
		Pharmaceutical Microbiology			√		√		√
		Practical Course VII	√	√	√		√		√
		Project Work (Elective)							
		Vocational Training (Industrial Training) (Elective)							
57	M.Sc. Pharmaceutical Microbiology	Foundation of Cell Biochemistry and Macromolecules	√		√		√		√
		Fundamentals of Cell Biology and Biostatistics	√		√		√		√

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Essentials of Microbiology and Immunology			√		√		√
		Tools and Techniques in Biosciences	√	√	√		√		√
		Practical Course I	√			√	√		√
		Practical Course II		√	√			√	√
		Cell physiology and metabolism	√		√		√		√
		Molecular biology			√		√		√
		Medical Microbiology	√	√	√		√		√
		Fundamentals for communication skills & scientific writing and presentation	√		√		√		√
		Practical Course III	√		√		√		√
		Practical Course IV			√		√		√
		Immunology	√	√	√		√		√
		Fermentation Technology & Process Design	√			√	√		√
		Microbial Diversity and Extremophiles		√	√			√	√
		Bioinformatics	√			√	√		√
		Practical Course V		√	√			√	√
		Practical Course VI	√			√	√		√

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Enzymology		√	√			√	√
		Quality Management & IPR	√			√	√		√
		Genetic Engineering		√	√			√	√
		Pharmaceutical Microbiology	√		√		√		√
		Practical Course VII	√		√		√		√
		Project Work (Elective)			√		√		√
		Vocational Training (Industrial Training) (Elective)	√	√	√		√		√
58	BSc Biotechnology	Fundamentals of Microbial and Biological World	√			√	√		√
		Fundamentals of Physics and Biophysics for Biologists		√	√			√	√
		Fundamentals of Chemistry for Biologists	√			√	√		√
		Fundamentals of Biosciences – Botany and Zoology		√	√			√	√
		Basics of Bacteriology, Virology and Rickettsiology	√		√		√		√

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Basics of Mycology, Phycology and Protozoology			√		√		√
		Introduction to the world of amazing microorganisms	√	√	√		√		√
		Basics techniques in Microbiology, Biotechnology and Environmental Sciences	√			√	√		√
59	B.Sc. Nutrition and Dietetics	Fundamentals of Nutrition and Dietetics – I	√	√	√	√			
		Fundamentals of Nutrition and Dietetics – II	√			√			
		Food Science – I			√	√			√

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Food Science – II		√	√	√			√
		Human Anatomy and Physiology – I	√		√	√	√		√
		Human Anatomy and Physiology – II	√		√	√			
		Fundamentals of Food Microbiology			√	√			
		Food Microbiology, Hygiene and Sanitation			√	√			√
		Fundamentals of Nutrition and Dietetics – I	√	√	√	√	√	√	√
		Project I		√	√	√	√	√	√
		Food Biochemistry – I			√	√			
		Food Biochemistry – II			√	√			
		General Home Science – I			√	√	√		√
		General Home Science – II		√	√	√	√		√
		Food Preservation and Safety	√		√	√	√	√	√
		Food Processing	√	√	√	√			√
		Food Standards and Quality Control		√		√			√
		Food Analysis				√	√		√

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Project II		√	√	√	√		√
60	B.Sc. Environmental Science)	Fundamentals of Microbial and Biological World		√	√	√	√	√	√
		Fundamentals of Physics and Biophysics for Biologists		√	√	√		√	√
		Fundamentals of Chemistry for Biologists		√		√	√	√	√
		Fundamentals of Biosciences – Botany and Zoology		√		√	√	√	√
		Basics of Bacteriology, Virology and Rickettsiology		√		√	√	√	√
		Basics of Mycology, Phycology and Protozoology		√	√	√	√	√	√
		Introduction to the world of amazing microorganisms		√	√	√		√	
		Basics techniques in Microbiology,		√	√	√	√	√	√
		Biotechnology and Environmental Sciences							
		Project I		√	√	√		√	√

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Basics of Cell Biology and Physiology		√		√		√	√
		Basics of Biochemistry – Biomolecules - I		√		√		√	√
		Basics of Biochemistry – Biomolecules - II		√		√		√	√
		Microbial Nutrition and Growth		√		√		√	√
		Advanced Chemistry and Physics for Biologists		√		√		√	√
		Applied Plant and Animal Sciences		√	√	√		√	√
		Biotechnology and Environmental Sciences							
		Project I		√	√	√		√	√
		Basics of Cell Biology and Physiology		√		√		√	√
		Basics of Biochemistry – Biomolecules - I		√		√		√	√
		Basics of Biochemistry – Biomolecules - II		√		√		√	√

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Microbial Nutrition and Growth		√		√		√	√
		Advanced Chemistry and Physics for Biologists		√		√		√	√
		Applied Plant and Animal Sciences		√	√	√		√	√
		Basics of Ecology, Ecosystem and Geosciences		√	√	√		√	√
		Applied Microbiology and Basics of Environmental Pollution		√	√	√		√	√
		Project II		√	√	√		√	√
61	B.Sc. Food and Dairy Technology	Fundamentals of Microbial and Biological World		√		√	√		√
		Fundamentals of Physics and Biophysics for Biologists		√		√	√		√
		Fundamentals of Chemistry for Biologists		√		√	√		√

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Fundamentals of Biosciences – Botany and Zoology		√		√	√		√
		Basics of Bacteriology, Virology and Rickettsiology		√		√	√		√
		Basics of Mycology, Phycology and Protozoology		√		√	√		√
		Introduction to the world of amazing microorganisms		√		√	√		√
		Basics techniques in Food and Dairy Technology		√		√	√		√
		Project I		√		√	√	√	√
		Introduction to Food and Dairy Technology		√		√	√	√	√
		Fundamentals of Food and Dairy Chemistry		√		√	√	√	√
		Fundamentals of Food and Dairy Microbiology		√		√	√	√	√

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Principles of Food and Dairy – Preservation and Processing		√		√	√	√	√
62	MSc Environmental science	Foundation of Biosciences and Biodiversity		√	√	√	√		√
		Foundation of Physics, Biophysics and Chemistry for Biologists		√	√		√		√
		Foundation of Bioinstrumentation		√	√				√
		Medical Microbiology & Immunology I		√	√	√	√		√
		Water& Wastewater Treatment		√	√	√	√		√
		Fundamentals of Environmental Science		√	√	√	√		√
		Foundation of Cell Biology		√		√	√		√
		Foundation of Biochemistry – Biomolecules & Metabolism		√		√	√		√

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S.r No	Name of the Programme	Name of the Course	Gender	Environment and Sustainability	Human Values	Health Determinants	Right to Health Issue	Emerging Demographic Changes	Professional Ethics
		Foundation of Environmental Pollution and Control		√	√	√	√		√
		Fundamentals of Molecular Bionanotechnology		√	√	√			√
		Biostatistics and Bioinformatics		√	√	√			√
		Quantitative Biology		√		√			√
		Restoration Ecology and Watershed Management		√	√	√	√		√
		Environmental Resource Monitoring		√	√	√	√		√
		Remote Sensing and GIS		√	√	√			√