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		$\sqrt{}$	V				
		Physiology			V	√			V
		Biochemistry	- 1		$\sqrt{}$	$\sqrt{}$			$\sqrt{}$
		Pharmacology			V	√	V		V
		Pathology		-)	V				
		Microbiology	- L	=7)	V				
		FMT	, ve	27	V				V
		Community Medicine	√	$\sqrt{}$	$\sqrt{}$	V	V	V	V
		ENT							
		Ophthalmology			$\sqrt{}$				
		General Medicine	ĺ		$\sqrt{}$				$\sqrt{}$
		General Surgery			$\sqrt{}$		$\sqrt{}$		$\sqrt{}$
		Obs./Gyn.			\sim	$\sqrt{}$		$\sqrt{}$	
		Pediatrics	$\sqrt{}$			$\sqrt{}$			
2	M.D. Anatomy	Paper I	77.7	7.7.7	V				
		Paper II			$\sqrt{}$				
		Paper III		- L	$\sqrt{}$				
		Paper IV		. //	$\sqrt{}$				
3	M. D. Physiology	Paper I			$\sqrt{}$				
		Paper II			$\sqrt{}$				
		Paper III			\checkmark				

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
		Paper IV			$\sqrt{}$				
4	M. D. Pathology	Paper I			$\sqrt{}$				
		Paper II	_		$\sqrt{}$				
		Paper III		7/	$\sqrt{}$				
		Paper IV			$\sqrt{}$				
5	M. D. Microbiology	Paper I	(6)	$\overline{}$	$\sqrt{}$				$\sqrt{}$
		Paper II			$\sqrt{}$				$\sqrt{}$
		Paper III			$\sqrt{}$				$\sqrt{}$
		Paper IV			$\sqrt{}$				$\sqrt{}$
6	M. D. Pharmacology	Paper I			$\sqrt{}$				
		Paper II			V				
		Paper III			V				
		Paper IV	, 🖳	ي پي	V				
7	MD Community Medicine (PSM)	Paper I	V	V	1	V	V	V	V
		Paper II			$\sqrt{}$	V		V	
		Paper III			V	V		V	

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
		Paper IV				\checkmark		\checkmark	
8	MD General Medicine	Paper I		11/	V		$\sqrt{}$		V
									,
		Paper II		E-S	V		√ 		$\sqrt{}$
		Paper III		='-	V		√ 		V
		Paper IV			$\sqrt{}$		√ 		V
9	MD Pediatrics	Paper I	V	57	V	V	√ 		
		Paper II	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	√ 		
		Paper III			$\sqrt{}$	$\sqrt{}$			
		Paper IV	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	√		
10	MS General Surgery	Paper I					$\sqrt{}$		
		Paper II			$\sqrt{}$				
		Paper III		$\sqrt{}$			$\sqrt{}$		
		Paper IV		$\overline{}$			$\sqrt{}$		
11	MD Radio Diagnosis	Paper I	1/4	10.07					
		Paper II	1	,	$\sqrt{}$				
		Paper III	*	,* /	$\sqrt{}$				
		Paper IV			$\sqrt{}$				
12	MS Obs./Gyn.	Paper I	√		$\sqrt{}$	V	V	V	

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
		Paper II	V		V	\checkmark	$\sqrt{}$	\checkmark	
		Paper III	1	LT.	V	V	√	√	
		Paper IV	V	3	V	√	$\sqrt{}$	√	
13	MD Anesthesia	Paper I		= 1	V				
		Paper II	r / La	<i>i</i>	$\sqrt{}$				
		Paper III			$\sqrt{}$				
		Paper IV			V				
14	MS Orthopedics	Paper I			V				
		Paper II			$\sqrt{}$				
		Paper III							
		Paper IV						$\sqrt{}$	
15	M.S. ENT	Paper I	17.7	777					
		Paper II			$\sqrt{}$			$\sqrt{}$	
		Paper III		- /s	$\sqrt{}$				
		Paper IV			$\sqrt{}$				
16	M.S. Ophthalmology	Paper I			V				
		Paper II			√				
		Paper III			V				

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
		Paper IV			V				
17	M. D. Dermatology	Paper I	E	Ū.	V				
		Paper II	E	3	V				
		Paper III	į į	B >	V				
		1.0			2/				
		Paper IV			√				
18	M. D. Biochemistry	Paper I		$\sqrt{}$		V			V
		Paper II			V				
		Paper III	7.7 7	777	V				
		Paper IV	1.7		V				
19	Bachelor of Dental Surgery (BDS)	General Anatomy	√	.* /	V	V	V	√	
		General Physiology & Biochemistry		V	V		V		
		Dental Anatomy,Embryology and Oral Histology		V	V		V		

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
		General Pathology &			\checkmark		$\sqrt{}$		$\sqrt{}$
		Microbiology			•		V		Y
		General & Dental	,			,	,		
		Pharmacology &	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		
		Therapeutics							
		Dental Materials	V	rin.	V	V		√	
		Pre-Clinical	$\sqrt{}$	=7)	$\sqrt{}$	1	$\sqrt{}$	$\sqrt{}$	
		Prosthodontics (Pract)	'	-):	V	٧	V	٧	
		Pre-Clinical	1.00	=31			,		
		Conservative Dentistry	7 (2	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$		
		(Pract)							,
		General Medicine			V		√		V
		General Surgery					$\sqrt{}$		$\sqrt{}$
		Oral Pathology &			\checkmark		$\sqrt{}$		$\sqrt{}$
		Microbiology			Y		V		٧
		Oral Medicine &	1			1	$\sqrt{}$		
		Radiology			· ·	٧	٧	٧	
		Pediatric & Preventive	$\sqrt{}$	10.17	\checkmark		\checkmark		
		Dentistry			, i	٧	· · · · · · · · · · · · · · · · · · ·	V	
		Periodontics	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	
		Prosthodontics and	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		
		Crown & Bridge	· ·		V	٧	٧	٧	
		Conservative Dentistry		V	\checkmark		\checkmark		
		& Endodontics		٧	v		٧		
		Oral & Maxillo facial			$\sqrt{}$		$\sqrt{}$		
		Surgery		٧	v		٧		

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
		Orthodontics &							
		Dentofacial							
		Orthopaedics							
		Public Health Dentistry			$\sqrt{}$		$\sqrt{}$		$\sqrt{}$
20	MDS in Prosthodontics and Crown & Bridge	Paper I	$\sqrt{}$	Ħ.	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		
		Paper II	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		
		Paper III	1	57/	V	V	V		
		Paper IV	- 14	√	$\sqrt{}$		$\sqrt{}$		
21	MDS in Conservative Dentistry & Endodontics	Paper I		V	√		V		
		Paper II			3			$\sqrt{}$	
		Paper III						$\sqrt{}$	
		Paper IV			Y-1001			V	
22	MDS in Oral and Maxillofacial Surgery	Paper I		ے لیے	V		V	√	V
		Paper II	V	7.6.17	√ √	V	V		
		Paper III	1		V	V	V		
		Paper IV	√			V	V		
23	MDS in Periodontology	Paper I	1	3	√	√	V	·	
		Paper II		1	$\sqrt{}$		$\sqrt{}$		
		Paper III		V	$\sqrt{}$		V		
		Paper IV							

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
24	MDS in Oral Pathology & Microbiology & Forensic Odontology	Paper I			I				
		Paper II	$ \sqrt{} $	77	$\sqrt{}$	$\sqrt{}$	\checkmark	√	
		Paper III	V	100	V	V	V	V	
		Paper IV	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	V	
25	MDS in Orthodontics & Dentofacial Orthopaedics	Paper I	√	₽.	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		
		Paper II	į	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$		
		Paper III		√	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	
		Paper IV			ò			$\sqrt{}$	
26	MDS in Paedodontics & Preventive Dentistry	Paper I			\checkmark		\checkmark	$\sqrt{}$	$\sqrt{}$
		Paper II	V			V	V		
		Paper III					$\sqrt{}$		V
		Paper IV	7.4	10.07			$\sqrt{}$		$\sqrt{}$
27	Fellowship in Cleft Lip & Palate	Paper I	√	7.	V	V	$\sqrt{}$		
28	Fellowship in Micro Endodontics	Paper I	V		$\sqrt{}$	√ √	\checkmark		
29	Diploma in Dental Clinical Auxillary	Paper I	1		V	V	√		
30	PG Diploma in Conscious Sedation	Paper I		V	$\sqrt{}$		$\sqrt{}$		

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
31	PG Diploma in Dental Implantology	Paper I	V		√	V	$\sqrt{}$	V	
32	Bachelor of Physiotherapy	Human Anatomy	$\sqrt{}$					$\sqrt{}$	
		Human Physiology	$\sqrt{}$						
		Biochemistry				$\sqrt{}$			
		Fundamentals of exercise therapy	e	9		V			
		Fundamentals of electrotherapy	1	BY		V			
		Pharmacology	7 (5	2)		$\sqrt{}$			
		Pathology & Microbiology			\$	V	$\sqrt{}$		
		Exercise therapy			Y	√			
		Electrotherapy			7.2	$\sqrt{}$			
		Psychology			V	$\sqrt{}$		V	
		Surgery & Orthopaedics			V	√			
		Medicine	1.0	TALY.	V	$\sqrt{}$			
		Obstetrics & Gynecology		· //	√	V			
		Physical Diagnosis & manipulative skills		3	V	V	$\sqrt{}$		
		Community Health sociology and biostatics	V	V	V	V		V	V
		Psychiatry			$\sqrt{}$		$\sqrt{}$		
		Pediatrics	$\sqrt{}$				$\sqrt{}$		

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
		Physiotherapy in musculoskeletal condition	V			V	V	V	
		Physiotherapy in Neurosciences	V	¥7		V	V	V	
		Physiotherapy in General Medicine & Surgical conditions	V	8		V	V	V	
		Physiotherapy in Community Health	1	V		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	
		Ethics & Principles in Physiotherapy Practice			√		√		√
33	MPTh in Musculoskeletal sciences	Basic sciences	V		7	√			
		Basic therapeutics				V			
		Advanced therapeutics	_			V			
		Biostatistics and research methodology	K	/V	1		√	√	V
		General physiotherapy		- L	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		
		Specialty subject	100		V	√	$\sqrt{}$	V	
34	MPTh in Neurosciences	Basic sciences	V			V			
		Basic therapeutics	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$			
		Advanced therapeutics				$\sqrt{}$			

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
		Biostatistics and			\checkmark		$\sqrt{}$	V	$\sqrt{}$
		research methodology			·	,	,	,	,
		General physiotherapy			V	V	√	V	
		Specialty subject			$\sqrt{}$	V	√	V	
35	MPTh in Cardio pulmonary sciences	Basic sciences	$\sqrt{}$	E		\checkmark			
		Basic therapeutics	V	51	V	V			
		Advanced therapeutics		37		$\sqrt{}$			
				31					
		Biostatistics and			V		V	V	V
		research methodology			Y	,		V	٧
		General physiotherapy				V	√ 	V	
		Specialty subject				√	√	V	
36	MPTh in Pedeatric Neurology	Basic sciences			<i>2</i> //	$\sqrt{}$			
		Basic therapeutics				$\sqrt{}$			
		Advanced therapeutics	7.0	10.10	7//	$\sqrt{}$			
		Biostatistics and research methodology	, "\"	7	V		\checkmark	√	$\sqrt{}$
		General physiotherapy			$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	
		Specialty subject			$\sqrt{}$		$\sqrt{}$		
37	MPTh in Community Health	Basic sciences	V			V			
		Basic therapeutics	$\sqrt{}$		$\sqrt{}$				
		Advanced therapeutics				$\sqrt{}$			

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
		Biostatistics and			V		$\sqrt{}$		
		research methodology			· ·		· · · · · · · · · · · · · · · · · · ·	,	٧
		General physiotherapy			$\sqrt{}$	$\sqrt{}$		V	
		Specialty subject			$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	
38	MPTh in Oncology Physiotherapy	Basic sciences	$\sqrt{}$	16		V			
		Basic therapeutics	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$			
		Advanced therapeutics				√			
		Biostatistics and research methodology	, E	Ð" - 8	V		V	√	V
		General physiotherapy			√	V	V	V	
		Specialty subject			V	√		V	
39	MPTh in Sports Physiotherapy	Basic sciences	V		Y//	√			
		Basic therapeutics	$\sqrt{}$		V	V			
		Advanced therapeutics	777	777	7/	V			
		Biostatistics and research methodology	_ V.	/ V /	1		√	√	√
		General physiotherapy			V	V	V	V	
		Specialty subject			$\sqrt{}$	√	V	V	
40	Basic B. Sc. Nursing	Anatomy & Physiology	7.7						
		Nursing Foundation	V	V	$\sqrt{}$	√	V	V	V
		Nutrition & Biochemistry	V			√			

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
		Psychology	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$
		Microbiology		$\sqrt{}$		$\sqrt{}$			
		Introduction to		V					
		Computer (CEX)					V		
		English (CEX)					$\sqrt{}$		
		Sociology	- 10	\sim	$\sqrt{}$				
		Pharmacology,		E/		2/			
		Pathology, Genetics		=3/		٧			
		Community Health Nursing	$\sqrt{}$	\checkmark	$\sqrt{}$	$\sqrt{}$	\checkmark		
		Communication &			7				
		Education Technology			37				
		Medical Surgical Nursing	V	√	√ √	√	$\sqrt{}$	√	√
		Medical Surgical Nursing		V	V	√	$\sqrt{}$	√	√
		Child Health Nursing	V	√	V	√	V	V	√
			- 1/4	10.17	7//				
		Mental Health Nursing	$\sqrt{}$	V	V	$\sqrt{}$		V	
		Nursing Research & Statistics		<i>*</i>	√	√			
		Community Health Nsg - II					√	√	
		Midwifery & Obstetrical Nursing	V	V	√	V			V

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
		Management of							
		Nursing Services &							$\sqrt{}$
		Education							
41	Post Basic B. Sc. Nursing	Nursing Foundation	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$
		Nutrition & Dietetics					$\sqrt{}$		
		Biochemistry &	100	2			2/	V	
		Biophysics	1	V			V	V	
		Psychology	Ū		$\sqrt{}$	$\sqrt{}$		V	
		Microbiology	N.E.						
		Maternal Nursing	$\sqrt{}$	$\sqrt{}$	V	V			
		Child Health Nursing	V	V	√	V			
		Medical Surgical	.1	-1		-1			
		Nursing	N N	Y V	$\sqrt{}$	V			
		English (CEX)			$\sqrt{}$	√			
		Community Health	-1	-1			-1	V	-1
		Nursing	V	V	N N	V	$\sqrt{}$	·V	V
		Introduction to Nursing			√			√	
		Education		10.70	V		V	V	
		Introduction to Nursing	$\sqrt{}$		V				
		Service Administration	· · ·		V				
		Mental Health Nursing	$\sqrt{}$		$\sqrt{}$				
		Introduction to Nursing	700					_	
		Research & Statistics			$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$
		(CEX)							
		Sociology	$\sqrt{}$		$\sqrt{}$				
42	Medical Surgical Nursing	Nursing Education	$\sqrt{}$		V		$\sqrt{}$	√	V

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
		Advance Nursing		V		$\sqrt{}$	$\sqrt{}$		
		Practice		V		,	· · · · · · · · · · · · · · · · · · ·	•	
		Medical Surgical							
		Nursing							
		Nursing Research and			V				
		Statistics			ľ				
		Nursing Management	1	-7					
		Medical Surgical Nursing	V	V	\checkmark	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	
43	Obstetrics and Gynecology Nursing	Nursing Education	V	P).	√			
		Advance Nursing Practice	V		√				
		Obstetrics & Gynecology Nursing		$ \sqrt{} $	\checkmark		$\sqrt{}$		
		Research and Statistics							√
		Nursing Management				$\sqrt{}$	$\sqrt{}$		
		Obstetrics & Gynecology Nursing	V	V	V	√	V	√	V
44	Child Health (Pediatrics) Nursing	Nursing Education	*	<i>.</i> * /		√ √			
		Advance Nursing Practice					V		
		Child Health (Pediatrics) Nursing	V	V	$\sqrt{}$	V	$\sqrt{}$	V	√

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
		Research and Statistics			2				
		Research and Statistics			V				
		Nursing Management) —					
		Child Health (Pediatrics) Nursing	V	√	√	√	$\sqrt{}$	√	
45	Community Health Nursing	Nursing Education	- 16	3				√	
		Advance Nursing Practice	, (Б'			√		V
		Community Health Nsg.	V	√	√	V	$\sqrt{}$	√	V
		Y.			37				
		Research and Statistics	V	√					
		Nursing Management							
		Community Health Nsg.	1	- √	\vee	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	
46	Mental Health (Psychiatric) N.	Nursing Education	K K	/V /	V	$\sqrt{}$		$\sqrt{}$	
		Advance Nursing Practice	V	-					√
		mental Health Nursing	7.7			V	$\sqrt{}$		V
		Research and Statistics		V	V			√	
		Nursing Management							
		mental Health Nursing	$\sqrt{}$				$\sqrt{}$		$\sqrt{}$

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
		Research application			,		,		,
	M. Sc. In NPCC	and Evidence based					$\sqrt{}$		$\sqrt{}$
47		practice in critical care							
		Advanced skills in leadership, management and teaching	V	5	V		V		V
		Advance Practice Courses Advanced Pathophysiology & Advanced pharmacology relevant to critical care nursing	V		\		V		V
		Advanced health/physical assessment			V		$\sqrt{}$		V
48	M. Sc. In NPCC	Foundations of Critical Care Nursing Practice	, 느	ن ہے	V		\checkmark		\checkmark
		Critical Care Nursing I	$\sqrt{}$		V		$\sqrt{}$		V
		Critical Care Nursing II	$\sqrt{}$		V		$\sqrt{}$		V
49	PG Diploma in Operation Theater Techniques for Nurses	Paper I			√		V		√
50	PG Diploma in Neonatology for Nurses	Paper I	V	V	√		V		V

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
51	PG Diploma in Wound Care Management	Paper I	V			V	$\sqrt{}$		$\sqrt{}$
52	PG Diploma in Breastfeeding Counseling	Paper I		$\sqrt{}$	$\sqrt{}$			\checkmark	V
53	PG Diploma if Quick Response Nurses Team	Paper I	V	₹		V	$\sqrt{}$		V
54	B. Pharmacy	Human Anatomy and Physiology I (Theory) – Sem I	1	₹					
		Pharmaceutical Analysis I (Theory) Sem I		<u>ا</u> ا					
		Pharmaceutics I (Theory)– Sem I			Z /				
		Pharmaceutical Inorganic Chemistry (Theory) – Sem I	, 🖳	ي ليے					
		Communication Skill *(Theory)– Sem I	K	/ V					
		Remedial Biology /Remedial Maths* (Theory)- Sem I	V	÷//					
		Human Anatomy and Physiology I (Practical)– Sem I							

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							
		Analysis I(Practical) –							
		Sem I							
		Pharmaceutics I							
		(Practical)– Sem I							
		Pharmaceutical		E.					
		Inorganic Chemistry		=2)					
		(Practical)– Sem I							
		Communication Skill*	- 4	=31					
		(Practical)– Sem I	ي ا						
		Remedial Biology*			.7				
		(Practical) - Sem I			7				
		Human Anatomy and		-	W				
		Physiology II (Theory)	V		Y				
		- Sem II							
		Pharmaceutical Organic		1.0					
		Chemistry-I (Theory) – Sem II							
		Biochemistry (Theory)			-				
		– Sem II				$\sqrt{}$			
		Pathophysiology				,			
		(Theory) – Sem II	1100			$\sqrt{}$			
		Computer Applications in Pharmacy * (Theory)– Sem II							

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							
		Sciences* (Theory)–		$\sqrt{}$					
		Sem - II							
		Human Anatomy and	(
		Physiology II				$\sqrt{}$			
		(Practical)— Sem II							
		Pharmaceutical Organic		-					
		Chemistry -I(Practical		=) (
)– Sem II		-)					
		Biochemistry	1	31 8		$\sqrt{}$			
		(Practical) – Sem II			J.	٧			
		Computer Applications			2/				
		in Pharmacy*			13/1 E				
		(Practical) – Sem II							
		Pharmaceutical Organic			V-MII				
		Chemistry II (Theory) –			-401				
		Sem III							
		Physical Pharmaceutics		777					
		I (Theory) – Sem III			7				
		Pharmaceutical				,			
		Microbiology (Theory)		* //		$\sqrt{}$			
		– Sem III	7.7						
		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		U7					
		Pharmaceutical							
		Microbiology		(<u>-</u>		$\sqrt{}$			
		(Practical) – Sem III		- 1					
		Pharmaceutical	1 -	-) (
		Engineering (Practical)		31					
		– Sem III			Ja II				
		Pharmaceutical Organic			2/				
		Chemistry III (Theory)							
		– Sem IV							
		Medicinal Chemistry I							
		(Theory) – Sem IV							
		Physical Pharmaceutics		Ĭ					
		II (Theory) – Sem IV		777					
		Pharmacology I							
		(Theory) – Sem IV				V			
		Pharmacognosy and							
		Phytochemistry I							
		(Theory) - Sem IV							
		Medicinal Chemistry I							
		(Practical) – Sem IV							
		Physical Pharmaceutics							
		II (Practical) – Sem IV							

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 I				$\sqrt{}$			
		(Practical) – Sem IV				٧			
		Pharmacognosy and							
		Phytochemistry I		7/3					
		(Practical) - Sem IV							
		Medicinal Chemistry II							
		(Theory) - Sem V		(2)					
		Industrial PharmacyI		=)					
		(Theory) – Sem V		3)					
		Pharmacology II	1.0	31 ~		$\sqrt{}$			
		(Theory) - Sem V			J.	٧			
		Pharmacognosy and			2/				
		Phytochemistry-II			137 E				
		(Theory) - Sem V			MAIN				
		Pharmaceutical			V-MIII		,		,
		Jurisprudence (Theory)					$\sqrt{}$		$\sqrt{}$
		- Sem V							
		Industrial Pharmacy I		777	7/				
		(Practical)-Sem V							
		Pharmacology II				1			
		(Practical) - Sem V	<u> </u>			v			
		Pharmacognosy and							
		Phytochemistry							
		(Practical) - Sem V							
		Medicinal Chemistry							
		III (Theory) – Sem VI							

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				$\sqrt{}$			
		(Theory) – Sem VI				,			
		Herbal Drug							
		Technology (Theory)-		2/7					
		Sem VI	$-\mathcal{L}_{I}$						
		Biopharmaceutics and							
		Pharmacokinetics		-)					
		(Theory)– Sem VI							
		Pharmaceutical	100	=0.		1			
		Biotechnology	2 (6	(B)		V			
		(Theory)– Sem VI							
		Quality Assurance			2/				
		(Theory)– Sem VI							
		Medicinal Chemistry		=	Mari				
		III (Practical) – Sem VI							
		Pharmacology III				$\sqrt{}$			
		(Practical) – Sem VI			9/				
		Herbal Drug	77.7	777					
		Technology (Practical)			7				
		– Sem VI							
		Instrumental Methods							
		of Analysis (Theory)–		3 ///					
		Sem VII							
		Industrial PharmacyII							
		(Theory)– Sem VII							
		Pharmacy Prostice(Theory) Som							
		Practice(Theory) – Sem VII							
		VII							

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	1	#					
		Practice School – Sem	72						
		VII		=					
				1:31					
			2 12	D) .					
		Biostatistics and			7				
		Research Methodology			37				
		- Sem VIII							
		Social and Preventive Pharmacy - Sem VIII							
		Pharma Marketing							
		Management - Sem			201				
		VIII			7/				
			K	/ Y					
		Pharmaceutical							
		Regulatory Science -							
		Sem VIII	7.5						
		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		u = 1					
		Cell and Molecular							
		Biology- Sem VIII							
		Cosmetic Science -	T T						
		Sem VIII	1,000	D)					
		Experimental		2					
		Pharmacology- Sem		-	Jan 1				
		VIII							
		Advanced			3 /1				
		Instrumentation			NAME OF THE OWNER, THE				
		Techniques - Sem VIII							
		Dietary Supplements			-411				
		and Nutraceuticals -							
		Sem VIII	777						
		Pharmaceutical Product							
		Development							
		Project Work - Sem							
		VIII							
		Foundation of	-						
	M. Sc. Biotechnology	Biochemistry for	$\sqrt{}$		$\sqrt{}$		$\sqrt{}$		$\sqrt{}$
55		Biotechnologist							
		Cell Biology and			3/		V		V
		Biostatistics	V		V		V		V

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 &			\checkmark		$\sqrt{}$		$\sqrt{}$
		Immunology-I			· ·		v		٧
		Biochemical,							
		Biophysical) —			,		,
		Immunochemical and	$\sqrt{}$	1	$\sqrt{}$		\checkmark		$\sqrt{}$
		Biotechnological							
		Techniques							
		Practical Course I	$\sqrt{}$	-		$\sqrt{}$	$\sqrt{}$		$\sqrt{}$
		Practical Course II			$\sqrt{}$				$\sqrt{}$
		Cell Physiology &	7						
		Metabolism			.h				
		Molecular Biology &			-3/				
		Biotechnology							
		Microbiology &			N/IIII	V			
		Immunology-II			V-401	V			
		Foundation for use of							
		Computer,							
		Communications,	77.7	777	7/				
		Scientific Writing and			7				
		Presentation							
		Practical Course III							
		Practical Course IV	100	3 / //					
		Environmental							
		Biotechnology	V						
		Plant Tissue culture							
		Industrial							
		Fermentations							

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							
				C					
		Animal Tissue Culture		=:/					
		Recombinant DNA							
		Technology	V-2	127					
		Pharmaceutical			1				
		Microbiology and			(i)				
		Biotechnology			7				
		Practical Course VII							
		Project Work (Elective)							
		Vocational Training							
		(Industrial Training)		- K					
		(Elective)							
		Foundation of					ı		1
	M.Sc. Microbiology	Biochemistry for	V		V		$\sqrt{}$		V
56		Microbiologist							
		Foundation of Cell							
		Biology and	$\sqrt{}$		$\sqrt{}$		$\sqrt{}$		$\sqrt{}$
		Biostatistics for							
		Microbiologist Madical Microbiology							
		Medical Microbiology			$\sqrt{}$		$\sqrt{}$		$\sqrt{}$
		and Immunology-I							

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	1	1			1		1
		Immunochemical and	V	V	$\sqrt{}$		$\sqrt{}$		V
		Microbiological Techniques		7/					
		Practical Course I				1			V
		Practical Course II	· ·	1	V	٧	V	√ 	V
		Microbial Physiology			V			,	'
		and Metabolism		(F)					
		Microbial Genetics and	√ .	D N	- 1		-1		
		Molecular Biology	V		$\sqrt{}$		$\sqrt{}$		V
		Medical Microbiology and Immunology II			V		\checkmark		V
		Fundamentals for use of			7/				V
		Computers, Communications Skills,	$\sqrt{}$	1	N N		$\sqrt{}$		
		Scien tific Writing and		· ·	, i		V		
		Presentation							
		Practical Course III		. //	V		$\sqrt{}$		V
		Practcal Course IV			$\sqrt{}$		$\sqrt{}$		V
		Food and Dairy	V	V	V		V		V
		Microbiology	٧	٧	V		v		٧
		Microbial Technology – I	$\sqrt{}$			V	$\sqrt{}$		$\sqrt{}$

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		V	$\sqrt{}$				$\sqrt{}$
		Applied Microbiology						•	,
		Bioinformatics for							
		Microbiologist) —					
		Practical Course V	$\sqrt{}$		V		√		V
		Practical Course VI		0	$\sqrt{}$		$\sqrt{}$		$\sqrt{}$
		Enzymology	$\sqrt{}$		$\sqrt{}$		$\sqrt{}$		$\sqrt{}$
		Microbial Technology							
		II							
		Recombinant DNA	$\sqrt{}$	D) v	\checkmark		$\sqrt{}$		$\sqrt{}$
		Technology	,		Y Y		V		٧
		Pharmaceutical			\checkmark		\checkmark		$\sqrt{}$
		Microbiology							,
		Practical Course VII	V	√	$\sqrt{}$		√		V
		Project Work (Elective)							
		Vocational Training			20/				
		(Industrial Training)							
		(Elective)		PATA	7/				
		Foundation of Cell							$\sqrt{}$
	M.Sc. Pharmaceutical	Biochemistry and	$\sqrt{}$		$\sqrt{}$		\checkmark		
	Microbiology	Macromolecules			·				
57									
		Fundamentals of Cell	ا				-1		
		Biology and Biostatistics	V		V		V		V
		DIOSTATISTICS							

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					$\sqrt{}$		$\sqrt{}$
		Immunology							
		Tools and Techniques	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		\checkmark		$\sqrt{}$
		in Biosciences			ľ				,
		Practical Course I	1			V	V		V
		Practical Course II		$\sqrt{}$	V			√	V
		Cell physiology and	$\sqrt{}$	(E)	$\sqrt{}$		\checkmark		$\sqrt{}$
		metabolism	<u> </u>	E 7					,
		Molecular biology	<u> </u>		$\sqrt{}$		√ 		V
		Medical Microbiology	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$		$\sqrt{}$
		Fundamentals for			3				
		communication skills &	$\sqrt{}$				$\sqrt{}$		$\sqrt{}$
		scientific writing and			()2		•		,
		presentation		الكا السما					,
		Practical Course III	V	1/2	V		V		V
		Practical Course IV			V		√		V
		Immunology	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$		$\sqrt{}$
		Fermentation		/		,	,		,
		Technology & Process	$\sqrt{}$			$\sqrt{}$	$\sqrt{}$		$\sqrt{}$
		Design							
		Microbial Diversity and			$\sqrt{}$				$\sqrt{}$
		Extremophiles		· ·	*			,	,
		Bioinformatics	$\sqrt{}$,	V	V	,	V
		Practical Course V		$\sqrt{}$	$\sqrt{}$			√ √	$\sqrt{}$
		Practical Course VI	$\sqrt{}$			$\sqrt{}$	$\sqrt{}$		$\sqrt{}$

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		$\sqrt{}$	$\sqrt{}$				$\sqrt{}$
		Quality Management & IPR	V			√	$\sqrt{}$		V
		Genetic Engineering		$\sqrt{}$	$\sqrt{}$				$\sqrt{}$
		Pharmaceutical Microbiology	$\sqrt{}$	9	\checkmark		$\sqrt{}$		$\sqrt{}$
		Practical Course VII	$\sqrt{}$	=1	$\sqrt{}$		V		V
		Project Work (Elective)	- 4	23	$\sqrt{}$				V
		Vocational Training (Industrial Training) (Elective)	1	V	V		V		V
58	BSc Biotechnology	Fundamentals of Microbial and Biological World	V		¥//	V	$\sqrt{}$		V
		Fundamentals of Physics and Biophysics for Biologists	<u>الله الم</u>		1/4			V	V
		Fundamentals of Chemistry for Biologists	V	* /		V	√		√
		Fundamentals of Biosciences – Botany and Zoology		1	V			V	√
		Basics of Bacteriology, Virology and Rickettsialogy	V		V		V		V

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					$\sqrt{}$		$\sqrt{}$
		Protozoalogy							
		Introduction to the world of amazing microorganisms			V		\checkmark		V
		Basics techniques in Microbiology, Biotechnology and Environmental Sciences	\ \	ا البيا		V	√		V
59	B.Sc. Nutrition and Dietetics	Fundamentals of Nutrition and Dietetics - I	V	٨	V	√			
		Fundamentals of Nutrition and Dietetics – II	1			√			
		Food Science – I			$\sqrt{}$				

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			$\sqrt{}$	$\sqrt{}$			
		Human Anatomy and	$\sqrt{}$		V				V
		Physiology – I			V				V
		Human Anatomy and) —	,	,			
		Physiology – II	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$			
		Fundamentals of Food		CS.	,	,			
		Microbiology		-7)	$\sqrt{}$	V			
		Food Microbiology,	9	=1	,				
		Hygiene and Sanitation		=)	$\sqrt{}$	V			V
		Fundamentals of	2	D) N					
		Nutrition and Dietetics			,			1	
		-I	V	V	V	V	V	V	V
		Project I		$\sqrt{}$	V	$\sqrt{}$	V	V	V
		Food Biochemistry – I			V	$\sqrt{}$			
		Food Biochemistry – II			$\sqrt{}$	$\sqrt{}$			
		General Home Science		10					
		- I			$\sqrt{}$				
		General Home Science	7.6		7/				
		- II	- 1	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$			$\sqrt{}$
		Food Preservation and		- //	,		,		
		Safety	V		V	V	√	V	√
		Food Processing	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$			$\sqrt{}$
		Food Standards and							
		Quality Control		$\sqrt{}$					$\sqrt{}$
		Food Analysis				√ -	√		√ ·

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			$\sqrt{}$		$$		
		Fundamentals of							
	B.Sc. Environmental	Microbial and							
60	Science)	Biological World		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		
		Fundamentals of							
		Physics and Biophysics	(0.1	51					
		for Biologists		1	$\sqrt{}$	$\sqrt{}$			$\sqrt{}$
		Fundamentals of		-7/					
		Chemistry for				1		1	1
		Biologists		V		√	V	√	V
		Fundamentals of			3/1				
		Biosciences – Botany		.1	N/I				
		and Zoology Basics of Bacteriology,		V		V	V	V	V
		Virology and			V-4011				
		Rickettsialogy		1					
		Basics of Mycology,		_		V	V	V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
		Phycology and	177.7	777	7/				
		Protozoalogy	233.1	\checkmark	\checkmark	\checkmark			
		Introduction to the	\	- //					
		world of amazing	111						
		microorganisms		$\sqrt{}$	\checkmark	$\sqrt{}$			
		Basics techniques in							
		Microbiology,	-	1	$\sqrt{}$	V	V	V	$\sqrt{}$
		Biotechnology and							
		Environmental Sciences			,				
		Project I		√	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$	

				Environment			Right to	Emerging	
S.r	Name of the Programme	Name of the Course	Gender	and	Human	Health	Health	Demographic	Professional Ethics
No				Sustainability	Values	Determinants	Issue	Changes	
		Basics of Cell Biology and Physiology	=	V		V		√	V
		Basics of Biochemistry – Biomolecules - I		√					$\sqrt{}$
		Basics of Biochemistry – Biomolecules - II		V		V		V	V
		Microbial Nutrition and Growth		N	0	1		1	V
		Advanced Chemistry and Physics for Biologists		V	ÿ.	V		V	V
		Applied Plant and Animal Sciences	,匚	√	V	√ √		√ √	√ √
		Biotechnology and Environmental Sciences	K	IV .					
		Project I		$\sqrt{}$	$\sqrt{}$				
		Basics of Cell Biology and Physiology	11.	V					V
		Basics of Biochemistry – Biomolecules - I	- 1	V		V		√	V
		Basics of Biochemistry – Biomolecules - II		√		√		√	V

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		$\sqrt{}$					$\sqrt{}$
		Advanced Chemistry							
		and Physics for		. —					
		Biologists		$\sqrt{}$					$\sqrt{}$
		Applied Plant and				,			
		Animal Sciences		$\sqrt{}$	$\sqrt{}$	V		V	$\sqrt{}$
				\exists					
		Basics of Ecology,	l L	=)/					$\sqrt{}$
		Ecosystem and				,			
		Geosciences		$\sqrt{}$		V		V	
		Applied Microbiology			3/1				
		and Basics of			W/				
		Environmental			N/III				
		Pollution		V	V	V		V	V
		Project II		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		√	$\sqrt{}$
		Fundamentals of							
	B.Sc. Food and Dairy	Microbial and	177.1	7.7.7	7/				
61	Technology	Biological World	100	V	//	V	√		V
		Fundamentals of	. .						
		Physics and Biophysics							
		for Biologists		V		V	V		V
		Fundamentals of							
		Chemistry for		,					
		Biologists		V		V	V		√

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		$\sqrt{}$			$\sqrt{}$		$\sqrt{}$
		Basics of Bacteriology,							
		Virology and					,		
		Rickettsialogy		V		V	$\sqrt{}$		V
		Basics of Mycology,							
		Phycology and		=3		1			
		Protozoalogy		$\sqrt{}$		V	√		V
		Introduction to the	7 1.0	9					
		world of amazing			7				
		microorganisms		ν	VIII.	V	V		V
		Basics techniques in			₩.				
		Food and Dairy		1	W II	.1			.1
		Technology -		7		N I	N	1	N I
		Project I		V		$\sqrt{}$	V	V	V
		Introduction to Food							
		and Dairy Technology		ν	7/	V	V	V	V
		Fundamentals of Food	100			1	1		1
		and Dairy Chemistry	·	٧	•	V	V	٧	N I
									V
		Fundamentals of Food							
		and Dairy Microbiology							

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		$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$
		and Processing							
		Foundation of							
	MSc Environmental	Biosciences and				,	,		
62	science	Biodiversity		$\sqrt{}$	V	$\sqrt{}$	√		$\sqrt{}$
		Foundation of Physics,							
		Biophysics and		=)					
		Chemistry for	1,000						
		Biologists		$\sqrt{}$	V		√		√
		Foundation of		,	. ,				
		Bioinstrumentation		V	V				√
		Medical Microbiology			₩.				
		& Immunology I		V	V	V	V		√
		Water& Wastewater			1.48 1				
		Treatment		V	V	V	V		√
		Fundamentals of							
		Environmental Science		V	V	V	V		V
		Foundation of Cell	100						
		Biology		V		V	√		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
		Foundation of Biochemistry – Biomolecules & Metabolism		1		√	V		V

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			$\sqrt{}$	$\sqrt{}$			
		Fundamentals of							
		Molecular							
		Bionanotechnology		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$			
		Biostatistics and		5					
		Bioinformatics		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$			
		Quantitative Biology		$\sqrt{}$					$\sqrt{}$
		Restoration Ecology							
		and Watershed			Jan 1				
		Management		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		
		Environmental			7				
		Resource Monitoring		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		
		Remote Sensing and			V-401				
		GIS		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$			