		Monthly Lesson Plan			
Name of the facul	ty	Mrs. Manisha Sharma	Mrs. Manisha Sharma		
Discipline		Pharmacy	Pharmacy		
Semester/year		Diploma Ist Year			
Subject		PHARMACEUTICAL CHEMISTRY			
Lesson plan Durat		NOV -2024			
Work Load/week	(hrs)	Lecture- 03; Tutorial -1, Practical- 01/b	atch		
MONTH/Week		IEORY	Practical		
· .	Lecture	TOPIC	Practical Topic		
Nov/2™	1 _{st}	precipitation titration			
	2™	complexometric titration	To perform limit test for iron in given sample		
	Tutorial	redox titration			
3 _{rd}	1 _{st}	Gravimetric analysis: Principle and method.	To perform limit test for heavy metals in given sample		
	2 nd	Haematinics:			
	Tutorial	Haematinics:			
4 th	1 _{st}	Gastro-intestinal Agents:	To perform identification test for Anionic radicals		
	3 _{rd}	Topical agents:	adicais		
5 th	1 _{st}	Topical agents:	To perform identification test for Cationi		
	2 nd	Dental products	radicals		
	Tutorial	Revision			
	3 _{rd}	Medicinal gases:			

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	Action Control of the	Monthly Lesson Plan	And the sub-control of the control o		
Name of the facul	ty	Mrs. Amisha Maheshwari	Mrs. Amisha Maheshwari		
Discipline		Pharmacy	Pharmacy		
Semester/year		Diploma Ist Year	Diploma ist Year		
Subject		HAP (Human Anatomy and Physiology)	HAP (Human Anatomy and Physiology)		
Lesson plan Durat	ion	Nov -2024			
Work Load/week	(hrs)	Lecture- 03; Tutorial -1, Practical- 01/bat	ch		
MONTH/Week	TH	EORY	Practical		
	Lecture	TOPIC	Practical Topic		
2 nd	1st	U-5-Haemopoietic system- General Introduction	To study human skeleton and appendicular skeleton.		
	2nd	Haemopoietic system- Composition And Functions Of Blood			
	3rd	Haemopoietic system- Process Of Haemopoiesis			
	Tutorial	Revision of (chap-4)/ notes checking			
3rd	1st	Haemopoietic system- RBC's (it's characteristics and functions)			
	2nd	Haemopoietic system- WBC's (it's characteristics and functions)			
	3rd	Haemopoietic system- Platelets (it's characteristics and functions)			
	Tutorial	ASSIGNMENT -1			
4th	1st	Haemopoietic system- Mechanism of blood clotting	_skeleton.		
	2nd	Haemopoietic system- Importance C Blood Group	Of		
	3rd	U-6 Lymphatic system- lymph, lymphatic system (structure, fuctions and formation)			
	Tutorial	ASSIGNMENT -1 Discussion	the state of the s		
5th	1st	Lymphatic system- Structure Of Spleen and it's functions			
	2nd	Lymphatic system- Structure And Fucntions Of Lymph Nodes			
	3rd	U-7 Cardiovascular system- General Introduction, Anatomy of Heart	al		
	Tutorial	Revision of (chap-5)/ notes checking			

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		Monthly Lesson Plan	
Name of the faculty			
Discipline	Pharmad		
Semester/year	Diploma		
Subject		HARMACY	
Lesson plan Duration			
Work Load/week (hr		3; Tutorial -1,Practical -1 batch/ week	
MONTH/Week	THE		
	Lectur e	TOPIC	practical
ОСТ	Tutorial	Overview of Vaccines,	To study personal hygiene etiquettes
2 rd	2 _{nd}	types of immunity	
war nd	34	immunization	•
34	Tutorial	Water pollution,	To study various types of masks
	2 _{nd}	air pollution	
	34	noise pollution,	- 月4년7년 1月2日
*	Tutorial	Revision	
	1 _{st}	occupational illnesses	To study PPE gear, wearing/using them and disposal
4th	2 _{nd}	sewage and solid waste disposal	
	3₁⁴	Environmental pollution due to pharmaceuticals	
5 th	Tutorial	Revision	To study Emergency treatment fo
	1 _{st}	Drugs of misuse and abuse – psychotropics, narcotics	burns
	2 _{nd}	alcohol, tobacco products.	
	34	Social Impact of these habits on social health and productivity	

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	MonthlyLesson Plan		
	Mr. MohdAlsar		
	Pharmacy		
	Diplomalstyear		
	Pharmaceutics		
on	November-2024		
hrs)	Lecture-03; Tutorial -1, Practical-01/batc		
TH	EORY	Practical	
Lecture	TOPIC	Practical	
131		Topic	
1		To prepare and submit 30ml of Calan	
		Lotion.	
2""	Size Reduction: Definitions,		
	Applications.		
3 rd			
1			
1	_		
1 st		To prepare and submit 30 ml of Cod	
2 nd		Oil Emulsion.	
1			
	Applications.		
Tutorial	Test of Size Reduction	¥**	
3 rd		1	
1 st	The state of the s	To prepare and submit 100 g of Sir	
	•		
-nd		_Ointment.	
2			
A least to the second s	Cone Blender.		
Tutorial	Revision		
		ह	
3			
		C = and submit 20 ml of	
1"			
,		Aqueous lodine Solution.	
, B	Homogenizer.		
2nd	Filtration: Theory of Filtration,		
2	Mambrone Filter and Sintered Glass		
and the second			
Tutorial	Drying: Working of Fluidized Bed		
	Dryer and process of Freeze Dryer.		
	Dryer and process of Freeze Dryer. Extraction: Definition, Classification		
_	Tutorial 3rd Tutorial 3rd 1st 2nd Tutorial 3rd 1st 2nd	Mr. MohdAfsar Pharmacy DiplomalstYear Pharmaceutics November-2024 Lecture-03; Tutorial -1, Practical-01/batch THEORY Lecture TOPIC 1 st Unit Operation:Principles. Construction and working. 2 nd Size Reduction: Definitions, Applications. 3 rd Size Reduction: Principles, Construction and Working of Hammer mill 1 st Size Reduction: Principles, Construction and Working of Ball Mill. 2 nd Size Separation: Definitions, Applications. Tutorial Test of Size Reduction Size Separation: Classification of Powders according to IP. 1 st Size Separation: Cyclone Separator, Sieves and Standard of Sieves. Mixing: Definitions, Applications, Construction and Working of: Double Cone Blender. Tutorial Revision 3 rd Mixing: Construction and Working of Turbine Mixer. 1 st Mixing: Construction and Working of Turbine Mixer. 1 st Filtration: Theory of Filtration, Membrane Filter and Sintered Glass Filter.	

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		Himachal Institute of Pha Lesson Plan	rmacy		
Name of the	Miss.	Miss. Harshita Pant			
Faculty Discipline	Pharm	acy			
Semester / Yes		na I ^a Year			
Subject	Pharm	acognosy			
Lesson Plan		nber (2024)			
Duration			State		
Work Load	Lecture	e -03: Tutorial-1, Practical -01 bate	ch/Week		
/Week(hrs)	,				
Week		Theory	**	Practical	
	Lectur	Topic	No. of Practical's	Topic	
2 nd Week	1st	Class Test		To Perform the	
November	2nd	Biological source, Chemical	_	Morphological Study	
November	2110	constituent and therapeutics		and Identification of	
		efficacy of Carminatives		given crude drugs:	
	3rd	Revision		Isphgula, Senna and	
	Tutorial		1	Coriander	
3rd week	1st	Biological source, Chemical		To Perform the	
	150	constituent and therapeutics		Morphological Study	
November		1		and Identification of	
		efficacy of Astringents (Myrobalan)		Rauwolfia, Gokhru	
	2nd	Biological source, Chemical	20 20 20 20 20 20 20 20 20 20 20 20 20 2	and Punarnava	
h.	Znd		end to be a	and I unamava	
		constituent and therapeutics			
		efficacy of			
		Astringents(Balack catechu)			
	3rd	Biological source, Chemical			
		constituent and therapeutics			
		efficacy of Astringents(Pale			
		catechu)		* **	
	Tutorial	Revision			
4th Week	1st	Biological source, Chemical	3		
November		constituent and therapeutics		Programme Teacher	
	-	efficacy of Drug acting on			
		nervous system (Belladonna,			
		Hyoscyamus)		4	
	2nd	Biological source, Chemical			
والراقعول الكورات		constituent and therapeutics			
	1 24	efficacy of Drug acting on		*2.	
		nervous system (Ephedra,	9.		
	A Value	Opium)			
	3rd	Biological source, Chemical			
	SIU				
5 Agr. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		constituent and therapeutics		y Arr	
		efficacy of Drug acting on			
	200	nervous system (Tea leaves,			
7. 2. 2. 3		coffee seeds)	1,5		
and the second second	Tutorial	Class Test			
Week	1st	Biological source, Chemical		To Perform the	
ovemeber		constituent and therapeutics		Morphological Study	
4		efficacy of Drug acting on		and Identification of	

	<u> </u>	nervous system(Coca)		Cardamom and Balack Pepper
	2 nd	Biological source, Chemical		
		constituent and therapeutics		
·		efficacy of Antihypertensive		-
	3rd	Biological source, Chemical		1
200 100 100 100 100 100 100 100 100 100		constituent and therapeutics		,
		efficacy of		
		Antitussive(Vasaka)	,	
*FI	Tutorial	Revision	Section 19	

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		Monthly Lesson Plan			
Name of the faculty		Mrs. Amisha Maheshwari	Mrs. Amisha Maheshwari		
Discipline		Pharmacy			
Semester/year		Diploma 2nd Year	Diploma 2nd Year		
Subject		PHARMACOTHERAPEUTICS			
Lesson plan Durati		Nov-2024	ch		
Work Load/week (Lecture- 03; Tutorial -1, Practical- 01/bato	Practical		
MONTH/Week		HEORY	Practical		
2 nd	Lecture	TOPIC	Topic		
	1 _{st}	Meannens	To preapare and discusss SOAP notes for Myocardial Infarction		
*	Tutorial	U-2 Revision			
	2 _{nd}	CVS- CHF- introduction, pathogenesis			
,	3 _{rd}	CVS- CHF- clinical menifestation, causes			
3 rd		1 st SESSIONALS (TE			
4 th	1.	CVS- CHF- diagnosis, treatments	To preapare and discusss SOAP notes for Hyperlipidaemia		
	Tutorial	U-2 Revision	Нурепіріцаєтна		
	2~	U-3 Respiratory system- Asthma- introduction, pathogenesis	discuss SOAP notes fo		
5 th		Respiratory system- Asthma- clinical menifestation, causes	To preapare and discusss SOAP notes fo		
	Tutorial	ASSIGNMENT NO. 1			
	2	Respiratory system- Asthma- diagnosis treatments			
	3 _{rd}	Respiratory system- COPD introduction pathogenesis, clinical menifestation, caus	ı, ses		

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		Monthly Lesson Plan	
Name of the fac	culty	Mr. Ayush Sharma	e de la companya de la contraction de la contrac
Discipline		Pharmacy	
Semester/year		Diploma 2nd Year	
Subject		PHARMACOLOGY	
Lesson plan Dura		Nov -2024	
Work Load/weel		Lecture- 03; Tutorial -1, Practical- 01/b	patch
MONTH/Week		THEORY	Practical
2 nd	Lecture		Practical Topic
	1 st	Drugs Acting On PNS- Neuromuscular blocking agents -Definitions, class, actions, dose indication, contraindication	To study commonly used instruments in Exp. Pharmacology
	2 nd	Drugs Acting On PNS- Neuromuscular blocking agents - indication, contraindicatio	n
3 rd De		Drugs Acting On PNS- Myasthenia gravis Definitions, class, actions, dose indication, contraindication	
		1 st SESSIO	1 st SESSIONALS
4 th	1 st	Drugs Acting On PNS- local anaesthetics Definitions, class, actions, dose indication, contraindication	To study different routes of drug administration
	2 nd	Drugs Acting On PNS- local anaesthetics dose indication, contraindication	-
	Tutorial	Revision Of U-2	
5 th	1 st	Drugs Acting On PNS (NSAID's) - Definitions, class, actions, dose indication, contraindication	To study types of pre-clinical experiments-In-viv
	2 nd	Drugs Acting On PNS (NSAID's) - dose indication, contraindication	
	3 rd	U-3- Drugs Acting On EYE- MIOTICS- Definitions, class, actions, dose indication, contraindication, dose indication, contraindication	
	Tutorial	Revision Of U-2	

July -

100	1, 1	MonthlyLesson Plan
Nameofthefaculty	у	Mr. MohdAfsar
Discipline		Pharmacy
Semester/year		Diploma 2ndYear
Subject		Pharmacy Law and Ethics
LessonplanDuration	on	November-2024
WorkLoad/week(l	(hrs)	Lecture-03; Tutorial -1, Practical-01/batch
MONTH/Week		HEORY
1st	Lecture	TOPIC
	1 st	Drug and Cosmetic Act 1940 and Rules 1945 and New Amendments: Objectives
2 nd	Tutorial	Revision U -2
	1 st	Drug and Cosmetic Act 1940 and Rules 1945 and New Amendments: Definitions, Legal Definitions of schedules to the Act and Rules.
	2 nd	Drug and Cosmetic Act 1940 and Rules 1945 and New Amendments: Import of Drugs.
	3 rd	Drug and Cosmetic Act 1940 and Rules 1945 and New Amendments: Classes of drugs and cosmetics prohibited from import, Import under Permit o
		License.
3 rd	1 st	SESSIONALS
4 th	Tutorial	Test of unit 2
	1 st	Manufacture of Drug: Manufacture of drug for test, examination and analysis Manufacture of new drug.
	2 nd	Manufacture of Drug:Loan license and Repacking License.
	3 rd	Study of Schedule C and C1, G, H, H1, K, P, N and X.
.5 th	Tutorial	Revision
	1 ST	Sale of Drug: Wholesale, Retail Sale and Restricted License Record keeping pharmacy.
	2 nd	Administration of the Act and Rule: Drug technical Advisory Board, Central Drug Laboratory, Drug Consultative committee.
	3 rd	Administration of the Act and Rule: Govt Analysis, Licensing Authorities, Controll Authorities, Offence and Penalties.

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	Himachal Institute of Pha	irmacy		
Name of the facult	Mrs. Manisha Sharma	Mrs. Manisha Sharma		
Discipline	Pharmacy	Pharmacy		
Semester/year	Diploma 2 nd Year			
Subject	Community Pharma			
Lesson plan Duration		ment		
Work Load/week (I	rs) Lecture- 03: Tutorial 4.8			
MONTH/W	rs) Lecture- 03; Tutorial -1,Practical -1, THEORY	week		
eek Lectu		Practical		
		Practical		
OCT/ 2nd 1 _{st}	Definition and have street	Topic		
-21	Definition and benefits of patient	To provide health screening services for		
2 _{nd}	Counselling	blood glucose monitoring		
Tutori	Stages of patient counselling	, , , , , , , , , , , , , , , , , , ,		
3 _{rd}	revision for sessional			
4th 4	SESSIONALS	SESSIONALS		
4 th 1 _{st}	Stages of patient counselling			
2 _{nd}	Barriers to effective counseling	To provide counselling to simulated		
Tutoria	strategies to overcome the barriers	patients for chronic disease -Primary		
3 _{rd}	Patient counselling points for chronic	hypertension		
	diseases - Hypertension,			
5 th 1 _{st}	Diebate			
	Diabetes,	To provide counselling to simulated		
2 _{nd}	Asthma .	Datients for the chronic discoses A-+1		
Tutoria	To provide health screening services	including education on the use of devices		
	for blood glucose monitoring	such as inhalers, spacers, nebulizers		
. 3 _{rd}	Tuberculosis, Chronic obstructive			
	pulmonary disease			

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Name of the faculty			Ms SUNEIIA		
Semester/year			Pipioma 2-4year		
Subject			Blochemistry and clinical Pathology		
Lesson plan D	uration		NOV = 2024		
WorkLoad/we	and the commence of the state o		Lecture-03; Tutorial -1, Practical-01/batch		
MONTH/Wee	K THE	ORY	A DESCRIPTION OF THE PROPERTY	еся учинальная синдамизмення наличения населения на принценення на принценення на принценення на принценення п Расста	
Transmission of the Annual Consideration	Lecture	TOPIC			
ha militarian maka matatik Matatia (Matatia (Matatia)			email and a function of the contract of the co	Practical Topic	
NOV/2nd	1,1	Qu	alltative tests and functions of lipids	To perform qualitative analysis of amino acids .	
	2 _{nd}	Qua	litative tests and functions of lipids	(egg albumin)	
	Tutorial	Nucleic acids • Definition, purine and pyrimidine bases			
	3 _{rd}		Revision For Sessional		
3 _{rd}	1,st	SESSIONALS		SESSIONALS	
4 1h	141	Components of nucleosides and nucleotide with examples		To perform qualitative analysis of amino acids	
	2 _{nd}		Structure of DNA	. (alanine)	
	3 _{rd}		Structure of RNA		
514	1,,,		functions	To perform qualitative analysis of proteins	
	2 _{nd}	En	zymes • Definition, properties	(mllk)	
-27 -24	Tutorial		Revision		
	3 _{rd}		IUB and MB classification		

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