

PROGRAM STRUCTURE

CREDIT BASED GRADING SYSTEM PROGRAM STRUCTURE FOR ACADEMIC SESSION 2024-25 **EFFECTIVE FROM ACADEMIC SESSION: 2024-25**

Program Code: B Pharm Program: Bachelor of Pharmacy Subject wise Distribution of Marks and corresponding Credits **Admission Batch: 2024-25** Semester: I

	Semester. 1			oution of ivid			,	rks Allotted	•	-			n Daten.		tal
			The	ory(100/50*	Marks)	Studio	/Practica Marks	l (50/25*)	Total Marks		Но	ours/we	ek		
S. No.	Subject Code	Subject Title	End	Conti Internal E	nuous Evaluation	End Sem. Exam	Iı	ntinuous nternal aluation						Cre dits	Hou
			Sem ester	Mid Sem Test (MST)	Attenda nce/Quiz /Assign ment	(ESE) For Practical and Viva	Lab Work	Attendanc e/Assignm ent/viva/L ab manual		L	Т	P	SM	dits	rs
1	PHYNOHAP011T	Human Anatomy and Physiology I– Theory	75	15	10	-	*	/ /	100	3	1	-	-	4	4
2	PHYNOPAN012T	Pharmaceutical Analysis I – Theory	75	15	10		h -	/ / -	100	3	1	-	-	4	4
3	PHYNOPCS013T	Pharmaceutics I – Theory	75	15	10		-	<i>-</i> -	100	3	1	-	-	4	4
4	PHYNOCHM014T	Pharmaceutical Inorganic Chemistry —Theory	75	15	10		4 -/,	// -	100	3	1	-	-	4	4
5	PHYNOCMS015N	Communication skills – Theory *	35	10	05	SITY	14	-	50	2	-	-	-	2	2
6	PHYNORBI016N/ PHYNORMT016N	Remedial Biology/ Remedial Mathematics – Theory*	35	10	05	E - 1	44		50	2	-	-	-	2	2
7	PHYNOHAP011P	Human Anatomy and Physiology – Practical	Mile	-	as its	35	10	05	50	-	-	4	-	2	4
8	PHYNOPAN012P	Pharmaceutical Analysis I – Practical	_	-	40.00	35	10	05	50	-	-	4	-	2	4
9	PHYNOPCS013P	Pharmaceutics I – Practical	-	- 1	\geq	35	10	05	50	-	-	4	-	2	4
10	PHYNOCHM014P	Pharmaceutical Inorganic Chemistry —Practical	-	-	Y	35	10	05	50	-	-	4	=	2	4
11	PHYNOCMS017N	Communication skills – Practical*	-	0	-	15	05	05	25	-	-	2	-	1	2
12	PHYNORBI018N	Remedial Biology – Practical* 🌃 🥒	11.	<u> </u>	cess i	15	05	05	25	-	-	2	-	1	2
		Total	370	80	50	170	50	30#/25\$	750 [#] / 725 ^{\$}	16	4	20 [#] / 18 ^{\$}		30 [#] /29 ^{\$}	40 [#] /38 ^{\$}

NOTE: # - Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB) course.
\$ - Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM) course.

^{* -} Non University Examination (NUE)



PROGRAM STRUCTURE

CREDIT BASED GRADING SYSTEM
PROGRAM STRUCTURE FOR ACADEMIC SESSION 2024-25
EFFECTIVE FROM ACADEMIC SESSION: 2024-25

Program: Bachelor of Pharmacy

Semester: II

Subject wise Distribution of Marks and corresponding Credits

Program Code: B Pharm Admission Batch: 2024-25

					_^		Maxim	um Marks Allo	tted					_	
			Theo	ry(100/75*/	′50 [#] Marks)	Studio/Pra	ctical (50	/ <mark>25* M</mark> arks)	Total		Hou	ırs/w	eek	To	otal
S.No	Subject Code	Subject Title	End		us Internal uation	End Sem. Exam		ous Internal aluation	Marks					Cre	
•	Code		Seme ster	Mid Sem Test (MST)	Attendanc e/Quiz/Ass ignment	(ESE) For Practical and Viva	Lab Work	Attendance /Assignme nt/viva/La b manual		L	Т	Р	SM	dit s	Hrs
1	PHYNOHAP021T	Human Anatomy and Physiology II — Theory	75	15	10	4	۱ - /	/ / -	100	3	1	-		4	4
2	PHYNOCHM022T	Pharmaceutical Organic Chemistry I – Theory	75	15	10	7 - 1	-//	/ -	100	3	1	-		4	4
3	PHYNOCHM023T	Biochemistry – Theory	75	15	10		1-/-//	-	100	3	1	-		4	4
4	PHYNOPCL024T	Pathophysiology – Theory	75	15	10	ITY	11-1	-	100	3	1	-		4	4
5	PHYNOCAP025N	Computer Applications in Pharmacy – Theory *	50	15	10		1/-		75	3	-	-		3	3
6	PHYNOEVS026N	Environmental sciences – Theory *	50	15	10	v. d	12/0	37	75	3	-	-		3	3
7	PHYNOHAP021P	Human Anatomy and Physiol <mark>ogy II –</mark> Practical	_	2/3	2010	35	10	05	50	-	-	4		2	4
8	PHYNOCHM022P	Pharmaceutical Organic Chemistry I— Practical	-	-		35	10	05	50	-	-	4		2	4
9	PHYNOCHM023P	Biochemistry – Practical	h -	0		35	10	05	50	-	-	4		2	4
10	PHYNOCAP027N	Computer Applications in Pharmacy – Practical*	hara		coss is	4 15	05	05	25	-	-	2		1	2
		Total	400	90	60	120	35	20	725	18	4	14		29	36

NOTE: * Non University Examination (NUE) subjects



PROGRAM STRUCTURE

CREDIT BASED GRADING SYSTEM
PROGRAM STRUCTURE FOR ACADEMIC SESSION 2024-25
EFFECTIVE FROM ACADEMIC SESSION: 2024-25

Program: Bachelor of Pharmacy

Semester: III

Subject wise Distribution of Marks and corresponding Credits

Program Code: B Pharm Admission Batch: 2024-25

			Maximum Marks Allotted Theory(100 Marks) Studio/Practical (50 Marks) Total Hours/week Total												
			T	heory(100 N	Marks)	Studio/P	ractical (50 Marks)	Total		Ho	urs/w	eek	To	otal
S. No	Subject Code	Subject Title	End		s Internal ation	End Sem. Exam		ntinuous al Evaluation	Mark s					Cr	
·	Code		Sem este r	Mid Sem Test (MST)	Attendan ce/Quiz/ Assignme nt	(ESE) For Practical and Viva	Lab Work	Attendance /Assignmen t/viva/Lab manual		L	Т	P	SM	ed its	Hr s
1	PHYNOCHM031T	Pharmaceutical Organic Chemistry II – Theory	75	15	10	-	4-	/ / /-	100	3	1		-	4	4
2	PHYNOPPH032T	Physical Pharmaceutics I – Theory	75	15	10	7		/ / /	100	3	1		-	4	4
3	PHYNOPMB033T	Pharmaceutical Microbiology – Theory	75	15	10	<u> </u>	- /	<u> </u>	100	3	1		-	4	4
4	PHYNOPEG034T	Pharmaceutical Engineering – Theory	75	15	10		1-/,	/ -	100	3	1		-	4	4
5	PHYNOCHM031P	Pharmaceutical Organic Chemistry II Practical		UN	IVER	35	10	05	50	-	-	4	-	2	4
6	PHYNOPPH032P	Physical Pharmaceutics I – Practical	1	V		35	10	05	50	_	-	4	-	2	4
7	PHYNOPMB033P	Pharmaceutical Microbiology – Practical	, ,		INDOR	35	10	05	50	-	-	4	-	2	4
8	PHYNOPEG034P	Pharmaceutical Engineering –Practical	elfi:)	35	10	05	50	-	-	4	-	2	4
		Total	300	60	40	140	40	20	600	12	4	16	-	24	32
Ele	ctive Subjects (For 1	Lateral Entry students only)													
9	PHYNOCAP035N	Computer Applications in Pharmacy – Theory *	50	15	10	-	-	-	75	3	-	-	-	3	3
10	PHYNOCAP036N	Computer Applications in Pharmacy – Practical*	-	0		15	05	05	25	-	-	2	-	1	2
11	PHYNOCMS037N	Communication skills – Theory *	35	10	- 05	00-	/red	ition	50	2	-	-	-	2	2
12	PHYNOCMS038N	Communication skills – Practical*	-	-	-	15	05	05	25	-	-	2	-	1	2
		Total	385	85	55	170	50	30	775	17	4	20	-	31	41

NOTE: * Non University Examination (NUE) subjects (NUE) subjects for only lateral entry students



PROGRAM STRUCTURE

CREDIT BASED GRADING SYSTEM
PROGRAM STRUCTURE FOR ACADEMIC SESSION 2024-25
EFFECTIVE FROM ACADEMIC SESSION: 2024-25

Program: Bachelor of Pharmacy

Semester: IV

Subject wise Distribution of Marks and corresponding Credits

Program Code: B Pharm Admission Batch: 2024-25

	Subject wise Distribu	ition of Marks and corresponding	Cicuits		_		Maximu	m Marks Allo	tted						
			Th	eory(100 N	Marks)	Studio/P	ractical (50 Marks)			Ho	urs/we	ek	To	otal
S.N o.	Subject Code	Subject Title	End Seme ster		inuous Evaluation Attendan ce/Quiz/ Assignm ent	End Sem. Exam (ESE) For Practical and Viva		tinuous l Evaluation Attendanc e/Assignm ent/viva/L ab manual	Total Mark s	L	Т	P	SM	Cre dits	Hrs
1	PHYNOCHM041T	Pharmaceutical Organic Chemistry III– Theory	75	15	10	1	î/		100	3	1			4	4
2	PHYNOMCH042T	Medicinal Chemistry I – Theory	75	15	10	T D		/	100	3	1			4	4
3	PHYNOPPH043T	Physical Pharmaceutics II – Theory	75	15	10	ITY			100	3	1			4	4
4	PHYNOPCL044T	Pharmacology I – Theory	75	15	10		9/		100	3	1			4	4
5	PHYNOPPC045T	Pharmacognosy and Phytochemistry I– Theory	75	15	10	d	19/6	(a)s	100	3	1			4	4
6	PHYNOMCH042P	Medicinal Chemistry I – Practical		13	2015	35	10	5	50	-	-	4		2	4
7	PHYNOPPH043P	Physical Pharmaceutics II – Practical				35	10	5	50	-	-	4		2	4
8	PHYNOPCL044P	Pharmacology I – Practical		Suc	cass is	35	10	5	50	_	-	4		2	4
9	PHYNOPPC045P	Pharmacognosy and Phytochemistry I – Practical				35	10	5	50	-	-	4		2	4
	T	otal	375	75	50	140	40	20	700	12	4	20	-	28	36



PROGRAM STRUCTURE

CREDIT BASED GRADING SYSTEM
PROGRAM STRUCTURE FOR ACADEMIC SESSION 2024-25
EFFECTIVE FROM ACADEMIC SESSION: 2024-25

Program: Bachelor of Pharmacy

Semester: V

Subject wise Distribution of Marks and corresponding Credits

Program Code: B Pharm Admission Batch: 2024-25

						M	Laximum	Marks Allotte	ed						
			7	Theory(100 I	Marks)	Studio/P	ractical (50 Marks)	Tota l		Hou	ırs/we	SM	То	tal
S.No	Subject Code	Subject Title	End Seme ster		us Internal uation Attendanc e/Quiz/Assi gnment	End Sem. Exam (ESE) For Practical and Viva		ntinuous al Evaluation Attendance /Assignmen t/viva/Lab manual	Mar ks	L	Т	P	SM	Cre dits	Hr s
1	PHYNOMCH051T	Medicinal Chemistry II – Theory	75	15	10	4 0		/	100	3	1			4	4
2	PHYNOIPH052T	Industrial Pharmacy I– Theory	75	15	10		///		100	3	1			4	4
3	PHYNOPCL053T	Pharmacology II – Theory	75	15	10				100	3	1			4	4
4	PHYNOPPC054T	Pharmacognosy and Phytochemistry II – Theory	75	15	NC ₁₀ RE		9		100	3	1			4	4
5	PHYNOPHJ055T	Pharmaceutical Jurisprudence – Theory	75	15	10	7	15/6	7	100	3	1			4	4
6	PHYNOIPH052P	Industrial Pharmacy I – Practical		13		35	10	05	50	i	1	4		2	4
7	PHYNOPCL053P	Pharmacology II – Practical				35	10	05	50	ı	-	4		2	4
8	PHYNOPPC054P	Pharmacognosy and Phytochemistry II – Practical	hara	Suc	coss is	35	10	05	50	-	-	4		2	4
	r	Γotal	375	75	50	105	30	15	650	15	5	12		26	32



PROGRAM STRUCTURE

CREDIT BASED GRADING SYSTEM
PROGRAM STRUCTURE FOR ACADEMIC SESSION 2024-25
EFFECTIVE FROM ACADEMIC SESSION: 2024-25

Program: Bachelor of Pharmacy

Semester: VI

Subject wise Distribution of Marks and corresponding Credits

Program Code: B Pharm Admission Batch: 2024-25

						M	laximum	Marks Allotte	ed						
		100	7	Theory(100 l	Marks)	Studio/P	ractical (50 Marks)	Tota l		Hou	ırs/we	ek	To	otal
S.No	Subject Code	Subject Title	End		us Internal luation	End Sem. Exam		ntinuous al Evaluation	Mar ks						
•	0040		Seme ster	Mid Sem Test (MST)	Attendanc e/Quiz/Assi gnment	(ESE) For Practical and Viva	Lab Work	Attendanc e/Assignme nt/viva/La b manual		L	Т	P	SM	Cre dits	Hr s
1	PHYNOMCH061T	Medicinal Chemistry III – Theory	75	15	10	ת ע	/,	/	100	3	1			4	4
2	PHYNOPCL062T	Pharmacology III – Theory	75	15	10	1 1	1/1	/	100	3	1			4	4
3	PHYNOHDT063T	Herbal Drug Technology – Theory	75	15	V TORS	iΤΥ	///		100	3	1			4	4
4	PHYNOBPP064T	Biopharmaceutics and Pharmacokinetics –Theory	75	15	10		//		100	3	1			4	4
5	PHYNOPBT065T	Pharmaceutical Biotechnology – Theory	75	15	10	d	19/0	33	100	3	1			4	4
6	PHYNOQAS066T	Quality Assurance –Theory	75	15	10			(100	3	1			4	4
7	PHYNOMCH061P	Medicinal chemistry III – Practical				35	10	5	50	-	-	4		2	4
8	PHYNOPCL062P	Pharmacology III – Practical	h	C		35	10	5	50	_	_	4		2	4
9	PHYNOHDT063P	Herbal Drug Technology – Practical	hore) w	cess is	35	10	5	50		_	4		2	4
		Fotal	450	90	60	105	30	15	750	18	6	12		30	36



PROGRAM STRUCTURE

CREDIT BASED GRADING SYSTEM
PROGRAM STRUCTURE FOR ACADEMIC SESSION 2024-25
EFFECTIVE FROM ACADEMIC SESSION: 2024-25

Program: Bachelor of Pharmacy

Semester: VII

Subject wise Distribution of Marks and corresponding Credits

Program Code: B Pharm Admission Batch: 2024-25

							Maximu	m Marks Allo	otted						
			Т	heory(100 M	Iarks)	Studio/Pi	ractical (50 Marks)	Total		Hou	rs/wee	k	То	tal
S.No	Subject Code	Subject Title	End		s Internal lation	End Sem. Exam	Iı	ntinuous nternal aluation	Mark s					Cre	Hr
•			Seme ster	Mid Sem Test (MST)	Attendan ce/Quiz/ Assignme nt	(ESE) For Practical and Viva	Lab Work	Attendanc e/Assignm ent/viva/L ab manual		L	Т	P	SM	dits	S
1	PHYNOIMA071T	Instrumental Methods of Analysis – Theory	75	15	10	CITY	4/		100	3	1			4	4
2	PHYNOIPH072T	Industrial Pharmacy II – Theory	75	15	10	.oli I		/	100	3	1			4	4
3	PHYNOPPR073T	Pharmacy Practice – Theory	75	15	10	E 1	को ३		100	3	1			4	4
4	PHYNONDD074T	Novel Drug Delivery System – Theory	75	15	10	3_		107	100	3	1			4	4
5	PHYNOIMA071P	Instrumental Methods of Analysis – Practical				35	10	5	50	ı	ı	4		2	4
6	PHYNOPRS075N	Practice School*	h	0		125	-7	25	150	-	-	12		6	12
	Te	otal /	300	60	40	160	10	30	600	12	4	16	0	24	32

NOTE: * Non University Examination (NUE) subject



PROGRAM STRUCTURE

CREDIT BASED GRADING SYSTEM
PROGRAM STRUCTURE FOR ACADEMIC SESSION 2024-25
EFFECTIVE FROM ACADEMIC SESSION: 2024-25

Program: Bachelor of Pharmacy

Semester: VIII

Subject wise Distribution of Marks and corresponding Credits

Program Code: B Pharm Admission Batch: 2024-25

					_	M	[aximu	ım Marks Allot	ted					_	
			1	Theory(100 N	(Jarks)	Studio/Prac	ctical (1	50,25 [#] Marks)			Ho	urs/we	ek	Т	otal
S.No.	Subject Code	Subject Title	End		ıs Internal uation	End Sem. Exam (ESE)		Continuous nal Evaluation	Total Mar					Cr	
		*	Seme ster	Mid Sem Test (MST)	Attendan ce/Quiz/A ssignment	For Practical and Viva	Lab Wo rk	Attendance/As signment/viva/ Lab manual	ks	L	T	P	SM	ed its	Hr s
1	PHYNOBRM081T	Biostatistics and Research Methodology	75	15	10				100	3	1			4	4
2	PHYNOSPP082T	Social and Preventive Pharmacy	75	15	10	+			100	3	1			4	4
3	XXXNOXXX083T	Departmental Elective I	75	15	10				100	3	1			4	4
4	XXXNOXXX083T	Departmental Elective II	75	15	10	100	11	/	100	3	1			4	4
5	PHYNOPRW084P	Project Work		7.8		150	///	*	150			12		6	12
6	PHYNOPRA085N	Professional Activity [#]	1	7.50			/ /- /	25	25	ı	-	-	2	1	2
		Total	300	60	40	150	7	25	575	12	4	12	2	23	30

NOTE: # NTCC subjects,

From below Elective list two different subjects can be selected as Departmental Elective I & Departmental Elective II

S.No.	Subject Code	Subject Title	S.No.	Subject Code	Subject Title
1	PHYNOPMM083T	Pharma Marketing Management	6	PHYNOCMB083T	Cell and Molecular Biology
2	PHYNOPRS083T	Pharmaceutical Regulatory Science	7	PHYNOCSC083T	Cosmetic Science
3	PHYNOPCV083T	Pharmacovigilance	- 8	PHYNOEXP083T	Experimental Pharmacology
4	PHYNOQCS083T	Quality Control and Standardization of Herbals	9	PHYNOAIT083T	Advanced Instrumentation Techniques
5	PHYNOCAD083T	Computer Aided Drug Design	10	PHYNODSN083T	Dietary Supplements and Nutraceuticals

From below Elective list of LSSSDC Skill India, Departmental Elective II Can be selected as one subjects

S.No.	Subject Code	Subject Title	S.No.	Subject Code	Subject Title
1	PHYNOCPQ083T	Chemist In Process Quality Assurance	4	PHYNOACM083T	Associate Clinical Research Management; Site Management
2	PHYNOCQC083T	Chemist Quality Control; HPLC & UV	5	PHYNOCPF083T	Chemist Production; Non-sterile Formulation
3	PHYNOMSR083T	Medical Sales Representative			