

SEMESTER I & SEMESTER II

Aided PGP Credit Structure for 2023-24 (Across All courses) ... COMPUTER SCIENCE (Under NEP 2020)

Level	Sem	Major		RM	OJT, FP	Cum Cr/Sem	Degree/Cum Cr
		Mandatory	Elective				
6 (2023-24)	SEM 1	14	4	4	0	22	PG Diploma after TY
		Advanced Database System (4+2)	Cyber and Information Security(3+1) OR Image Processing(3+1)	Research Methodology			
		Programming Paradigms(4)					
	Analysis of Algorithm(3+1)						
	SEM 2	Business Intelligence(4+2)	Data visualization (4) OR Enterprise Application Integration(3+1)	Internship			
		Social Network Analysis(3+1)					
Machine Learning- I (3+1)							

SEMESTER - III

CODE	COURSE TYPE	SUBJECT	NO. OF CREDITS
PGCS301	CORE	Business Intelligence and Big Data Analytics –II	4
PGCSP301	Core Subject Practical	PGCS301	2
PGCS302	CORE	Distributed Computing	4
PGCSP302	Core Subject Practical	PGCS302	2
PGCS303	CORE	Natural Language Processing	4
PGCSP303	Core Subject Practical	PGCS303	2
PGCS304	Skill Enhancement Course	Data Visualization using Tableau	2
PGCSP304	Skill Enhancement Subject Practical	PGCS304	2
PGCS305A	Discipline Specific Elective - I	Cyber and Information Security- II (Cyber Forensics)	4
PGCSP305A	Discipline Specific Elective - I Subject Practical OR	PGCS305A	2
PGCS305B	Discipline Specific Elective - I	Machine Learning –II (Advanced Machine Learning)	4
PGCSP305B	Discipline Specific Elective - I Subject Practical	PGCS305B	2
TOTAL			28

SEMESTER - IV

CODE	COURSE TYPE	SUBJECT	NO. OF CREDITS
PGCS401	CORE	Business Intelligence and Big Data Analytics –III	4
PGCSP401	Core Subject Practical	PGCS401	2
PGCS402	CORE	Internship	6
PGCSP402		Internship	
PGCS403	CORE	Project	
PGCSP403		Project	6
PGCS404	Skill Enhancement Course	MOOCs or GoLang	2
PGCSP404		MOOCs or GoLang	2
PGCS405A	Discipline Specific Elective - I	Cyber and Information Security- II (Cryptography and Crypt Analysis)	4
PGCSP405A	Discipline Specific Elective - I Subject Practical OR	PGCS405A	2
PGCS405B	Discipline Specific Elective - I	Machine Learning –III (Computational Intelligence)	4
PGCSP405B	Discipline Specific Elective - I Subject Practical	PGCS405B	2
TOTAL			28