

Guru Nanak Dev Engineering College, Ludhiana
Department of Computer Science and Engineering

Aug- Dec 2023

B. Tech. CSE

Semester: 3rd

S. No.	Course Code	Course Title	A		B		C						
1.	PCCS-101	Object Oriented Programming	KD		HSK		MKM						
2.	PCCS-102	Computer Networks	DS		AKS		ISD						
3.	ESCS-101	Digital Electronics	PRA		AJ		MT						
4.	HSMCS-101	Human Values and Professional Ethics	SJS		GWS		RK						
5.	BSCS-101	Mathematics-III	RJB		SM		SS						
Laboratory			A1	A2	B1	B2	C1	C2					
6.	LPCCS-101	Object Oriented Programming lab	KD,SH	KD	HSK	HSK,VT	MKM	MKM					
7.	LPCCS-102	Computer Networks Lab	DS	DS	AKS	AKS	ISD	ISD					
8.	LESCS-101	Digital Electronics lab	PRA	PRA,AJ	AJ	AJ	MT	MT					
9.	PRCS-101	Seminar and Technical Report Writing For Engineers	VT	VT	DN	JSK	SPK	SPK,JSK					
MC			MC1	MC2	MC3	MC4	MC5	MC6	MC7	MC8	MC9	MC10	MC11
10.		Mentoring	JST	KD	DN	KPS	KK	SR	PRA	ASB	MKM	DS	JK

Semester: 5th

S. No.	Course Code	Course Title	A		B		C			
1.	PCCS-108	Artificial Intelligence	SPK		JSK		DN			
2.	PCCS-109	Database Management Systems	ASB		ASB		KJ			
3.	PCCS-110	Formal Language & Automata Theory	PS		PS		SH			
4.	PCCS-111	Design and Analysis of Algorithms	HK		JK		GK			
Tutorial			A1	A2	B1	B2	C1	C2		
	PCCS-110	Formal Language & Automata Theory	PS	PS	PS	SH	SH	SH		
	PCCS-111	Design and Analysis of Algorithms	HK	HK	JK	JK	GK	GK		
Laboratory			A1	A2	B1	B2	C1	C2		
5.	LPCCS-106	Artificial Intelligence LAB	SPK	SPK	JSK	JSK	DN	DN		

6.	LPCCS-107	Database Management Systems LAB	ASB	ASB	ASB	MT	KJ	KJ			
7.	LPCCS-108	Design and Analysis of Algorithms LAB	HK	HK	JK	JK	HK	GK			
MC			MC1	MC2	MC3	MC4	MC5	MC6	MC7	MC8	MC9
10.		Mentoring	MKM	SR	SPK	HK	AJ	PRA	JK	HSK	GK

Mandatory Course

		A	B	C
MCI-103	Organisational Behaviour	DIP,ABS		
MCI-102	Constitution of India	SJK		

Elective-I

		Course Code	Course Title	Load
TRACK 1	Software Engineering	PECS-101	Software Project Management	MKM
TRACK 2	Network Technologies	PECS-107	Advanced Computer Networks	JST
TRACK 3	Data Management	PECS-113	Statistics for Data Science	MT
TRACK 4	Machine Intelligence	PECS-119	Information Retrieval	SR
TRACK 5	Algorithm Design and Programming	PECS-125	System Programming	KK

Semester: 7th

Elective-III

Track	Track Name	Course Code	Course Title	L	T
TRACK 1	Software Engineering	PECS-103	Agile Software Development	JSK	JSK
TRACK 2	Network Technologies	PECS-109	Software Defined Networks	KPS	KPS
TRACK 3	Data Management	PECS-115	Data Warehouse and Data Mining	KD	KD
TRACK 4	Machine Intelligence	PECS-121	Computer Vision	SPK	SPK
TRACK 5	Algorithm Design and Programming	PECS-127	Advanced Algorithm Design and Analysis	AJ	AJ

Elective-IV

Track	Track Name	Course Code	Course Title	Lecture
TRACK 1	Software Engineering	PECS-104	Object Oriented Design using UML	DS
TRACK 2	Network Technologies	PECS-110	Wireless Sensor Networks	JK
TRACK 3	Data Management	PECS-117	Cloud Computing	HSK
TRACK 4	Machine Intelligence	PECS-122	Soft Computing	DN

TRACK 5	Algorithm Design and Programming	PECS-128	Web Technologies	SH
Laboratory				
TRACK 1	Software Engineering	LPECS-102	Object Oriented Design using UML Lab	DS
TRACK 2	Network Technologies	LPECS-105	Wireless Sensor Networks Lab	JK
TRACK 3	Data Management	LPECS-108	Cloud Computing lab	HSK
TRACK 4	Machine Intelligence	LPECS-111	Soft Computing Lab	DN
TRACK 5	Algorithm Design and Programming	LPECS-114	Web Technologies Lab	SH

Open Elective-II

Course Code	Course Title	Faculty
OECS-	Cloud Computing II	VT

S. No.	Course Code	Course Title	A	B	C						
1.	PRCS-106	Technical Aptitude	AKS	VT	SH, HK						
2.	PRCS-103	Major Project	ALL FACULTY								
		MC	MC1	MC2	MC3	MC4	MC5	MC6	MC7	MC8	MC9
3.		Mentoring	KJ	KD	JSK	HSK	HK	MT	DN	SH	SPK

M.Tech. Semester: 1st

S. No.	Course Code	Course Title	TEACHER
1.	MCS-101	Mathematical Foundations of Computer Science	HK
2.	MCS-102	Advanced Data Structures	GK
3.	MRM-101	Research Methodology and IPR	VT
4.	MCS-111	Machine Learning	AKS
5.	MCS-121	Data Ware House & Data Mining	KJ
6.	LMCS-111	Machine Learning Laboratory	AKS
7.	LMCS-121	Data Ware House & Data Mining Laboratory	KJ
8.	LMCS-102	Advanced Data Structures Laboratory	GK
9.	MAC-101	Audit Course: English for Research Paper Writing	RK

Semester: 3rd

S. No.	Course Code	Course Title	TEACHER
1.	Elective 5:MCS-152	SNA	ISD

2.	Open Elective:MOCS-102	Open Elective	HMS
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Semester: 1st

S. No.	Course Code	Course Title	A			B			C		D		
1.	ESC-104	Programming for problem solving	KPS			SR			JST		KK		
		MC	MC1	MC2	MC3	MC4	MC5	MC6	MC7	MC8	MC9	MC10	MC11
2.		Mentoring	VT	DS	ISD	SH	JSK	KPS	AJ	KK	JST	SR	MT

Minor Degree

S. No.	Course Code	Course Title	TEACHER
1.	PCCS-102	Computer Networks	ISD

Parminder Singh (PS)
 Jasbir Singh Saini (JSS)
 Amandeep Kaur Sohal (AKS)
 Gurjit Kaur (GK)
 Kamaldeep Kaur (KD)
 Manpreet Kaur Mand (MKM)
 Shailja (SH)
 Supreet Kaur (SPK)
 Jasmine Kaur (JK)
 Amit Jain (AJ)
 Harkomalpreet Kaur (HK)
 Jaswant Singh (JST)
 Sita Rani (SR)
 Sukhjeet Singh (SJS)
 Raman Kumar (RK)
 Sanchit Mehra (SM)
 Harmeet Singh (HMS)

Amanpreet Singh Brar (ASB)
 Kiran Jyoti (KJ)
 Vivek Thapar (VT)
 Daljit Singh (DS)
 Inderjit Singh (ISD)
 Diana Nagpal (DN)
 Jasdeep Kaur (JSK)
 Hardeep Singh Kang (HSK)
 Kapil Sharma (KPS)
 Kuljit Kaur (KK)
 Satinderpal Singh (SPS)
 Priti Aggarwal (PRA)
 Meetal (MT)
 Gurwant Singh (GWS)
 Rajbir Kaur (RJK)A
 Sukhminder Singh (SS)

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Time Table Incharge

HOD (CSE)