

Guru Nanak Dev Engineering College, Ludhiana

Department of Computer Science & Engineering

No-CSE/10/5376

Dated. 23/07/2026

With reference to letter No. RK-110/2749, dated 22/08/2025, the following are the list of Professional Elective- IV offered through SWAYAM-NPTEL platform for B.Tech 5th Semester under scheme 2024 for session July- Dec 2026. Students opting this course are required to register as per the enrolment date given and submit the form attached after enrolment to the department NPTEL coordinator Prof. Goldendeep Kaur by 30.07.2026

Note: - If student does not share information with GNDEC SWAYAM- NPTEL Local Chapter at any step while enrolling or registering for the course then the course shall not be consider by the college.

Following is the finalized list of Elective-IV subjects that are to be offered through Swayam NPTEL.

S.No.	Track/ Specialization	Subjects to be Offered in E- IV	Course ID	Institute Name	Duration	Start Date	Enrolment End Date	UG/PG	Course Link
1	Artificial Intelligence	Deep Learning	noc26- cs138	IIT Ropar	12 weeks	20-Jul-26	27-Jul-26	UG	<a href="https://onlinecours
es.nptel.ac.in/e-
learning/preview/
noc26_cs138">https://onlinecours es.nptel.ac.in/e- learning/preview/ noc26_cs138
		Introduction to LLMs	noc26- cs171	IIT Delhi, IIT Bombay	12 weeks	20-Jul-26	27-Jul-26	UG	<a href="https://onlinecours
es.nptel.ac.in/e-
learning/preview/
noc26_cs171">https://onlinecours es.nptel.ac.in/e- learning/preview/ noc26_cs171
2	Cyber Security	Privacy and Security in Online SocialMedia	noc26- cs141	IIT Hyderabad	12 weeks	20-Jul-26	27-Jul-26	UG	<a href="https://onlinecours
es.nptel.ac.in/e-
learning/preview/
noc26_cs141">https://onlinecours es.nptel.ac.in/e- learning/preview/ noc26_cs141
3	Data Science	Deep Learning	noc26- cs138	IIT Ropar	12 weeks	20-Jul-26	27-Jul-26	UG	<a href="https://onlinecours
es.nptel.ac.in/e-
learning/preview/
noc26_cs138">https://onlinecours es.nptel.ac.in/e- learning/preview/ noc26_cs138
		Reinforcement Learning	noc26- cs134	IIT Madras	12 weeks	20-Jul-26	27-Jul-26	UG	<a href="https://onlinecours
es.nptel.ac.in/e-
learning/preview/
noc26_cs134">https://onlinecours es.nptel.ac.in/e- learning/preview/ noc26_cs134
4	Software Engineering	Software Testing	noc26- cs131	IIIT Bangalore	12 weeks	20-Jul-26	27-Jul-26	UG	<a href="https://onlinecours
es.nptel.ac.in/e-
learning/preview/
noc26_cs131">https://onlinecours es.nptel.ac.in/e- learning/preview/ noc26_cs131
5	Networks and Internet of Things	Introduction to Internet of Things	noc26- cs161	IIT Kharagpur	12 weeks	20-Jul-26	27-Jul-26	UG	<a href="https://onlinecours
es.nptel.ac.in/e-
learning/preview/
noc26_cs161">https://onlinecours es.nptel.ac.in/e- learning/preview/ noc26_cs161
6	Visualization and Computational Imaging	Foundations of Virtual Reality	noc26- cs140	IIT Madras	12 weeks	20-Jul-26	27-Jul-26	UG	<a href="https://onlinecours
es.nptel.ac.in/e-
learning/preview/
noc26_cs140">https://onlinecours es.nptel.ac.in/e- learning/preview/ noc26_cs140

Program Coordinator

HOD

CC: 1. Dean Academic for information please

2. Department NPTEL Coordinator

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

Department of Computer Science and Engineering

Batch 2024-2028

Elective-IV (MOOCs) Study Scheme 2024

1. Student Name _____
2. University Roll No. _____
3. College Roll No. _____
4. Section _____
5. Specialization Track _____
6. Course ID _____
7. Course Name _____
8. Session _____

Student Signature with Date

Signature
(NPTEL Co-ordinator)

Signature
(Program Co-ordinator)