Guru Nanak Dev Engineering College, Ludhiana
Department of Information Technology

Ref. No. IT/30/7427 NOTICE **Dated: 22.07.2025**

Subject: Virtual Meeting for B.Tech 3rd Semester Students (Batch 2024-2028) – Open Elective - I Course Enrollment Guidance (Under Scheme Code 2024, Session July-Dec 2025)

It is hereby notified to all concerned that Department of Information Technology is organizing the Virtual Meeting for the students of B.Tech 3rd Semester (Batch 2024-2028) regarding the **Open Elective – I Course Enrollment** under scheme code – 2024.

The objective of this meet is to guide students to make purposeful choice of the course from the list of courses mentioned in 'Applicable UG Engg. Program' column in enclosed list.

Agenda for meeting:

1. Guidance to enroll for the course offered in the "Applicable UG Engg. Program" given in enclosed notice vide letter no. AS/81/2113 dated 18.07.2025.
2. Detailed instructions on how to navigate the enrollment system and select the appropriate course.
3. Course registration process.
4. Deadlines for course enrollment and registration.
5. Enquiries related to Open Electives

Meeting Details:

1. **Date:** 23rd July 2025 (Wednesday)
2. **Time:** 10 AM Sharp
3. **Platform:** Virtual Mode (Google Meet). The link to join this google meet will be shared in the official WhatsApp group, "batch 2024-2026".

Additional Information:

- **Mandatory Attendance**: This meeting is **compulsory** for all students of the 3rd semester (Batch 2024-2028).
- **Mentors' Participation**: Mentors of the 3rd semester students (Batch 2024-2028) are also requested to attend and assist their respective mentees for open elective selection.

All students of B.Tech. (IT) Batch 2024-2028 are strongly recommended to attend this virtual meet to ensure they understand the course enrollment and registration procedures, and to avoid any issues before the upcoming session.

NOTE: For any further queries or concerns, the students can contact Pf. Gitanjali or respective mentor.

HOD (IT)
22/7/25

CC: Principal for Information, Please
Dean Academics, for Information
All mentors of B.Tech. (IT) students of admission batch 2024
Office Copy

Guru Nanak Dev Engineering College, Ludhiana
An Autonomous College under UGC Act 1956
(Academic Section)

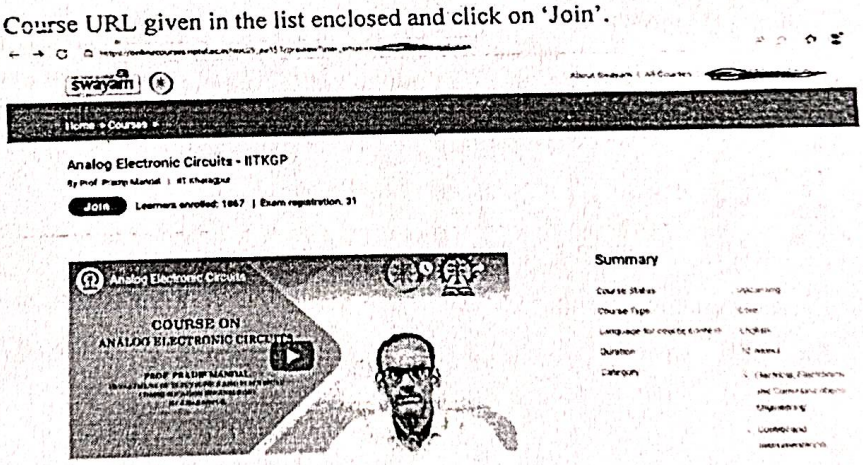
No. AS/81/2113 Date: 18/7/25

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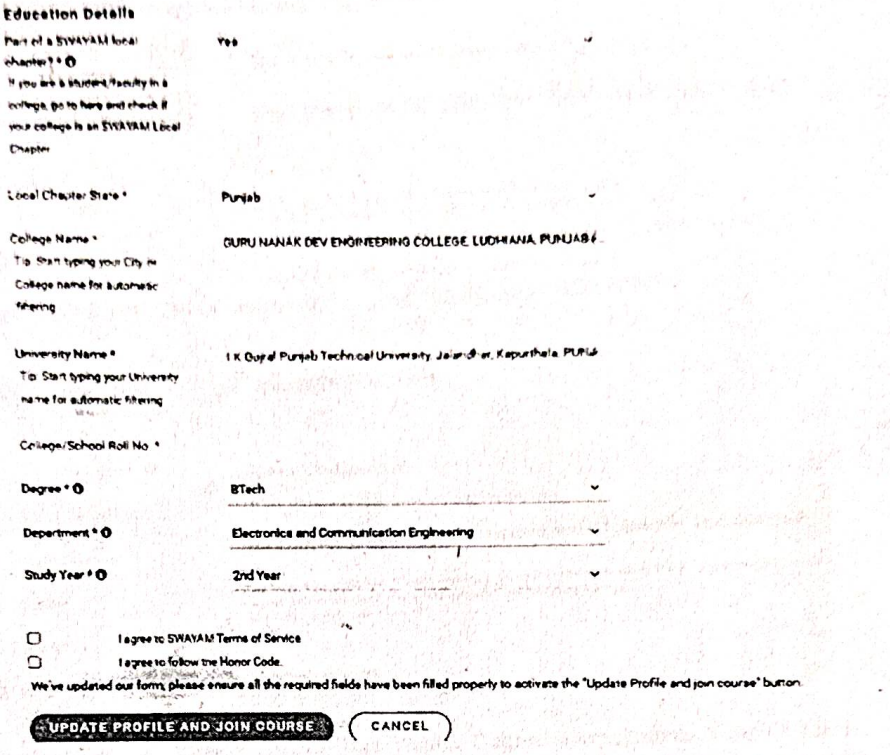
List for Open Electives to be opted by students of B.Tech. 3rd Semester under Scheme Code- 2024 for Session July-Dec 25 is enclosed herewith. Following are the important guidelines for students:

1. Any one course of 12 weeks can be opted from the list enclosed, which shall be considered as 'Open Elective-I', if qualified. Upon successful completion of this online course, the student will be exempted from attending 'Open Elective-I' course when offered later in classroom teaching mode as per study scheme.
2. Parent department will collect the information of students who enrolls in these courses (along with NPTEL email as a proof), which shall later be asked by the Academic Section.
3. On successfully qualifying the online course, student should submit a self-attested copy of final certificate issued by NPTEL to the parent department. Respective department and SPOC, Swayam-NPTEL Local Chapter of GNDEC shall verify the certificate, which will be submitted to the Academic Section.
4. Percentage scored in NPTEL Online Certification Exam will be mapped to End Sem Exam (ESE) Marks (i.e. out of 100 marks) and then to respective grades, hence '3' credits will be transferred for each 12-week course and considered as per study scheme of respective department. Moreover, there will be a provision of classroom teaching as per study scheme for the students, who wouldn't be able to qualify through Swayam-NPTEL platform. Evaluation of courses taught in classroom will be same as per existing method of assessment.
5. Steps for enrolling and registering in NPTEL course are given below (An example is shown here):

(i) Go to the Course URL given in the list enclosed and click on 'Join'.

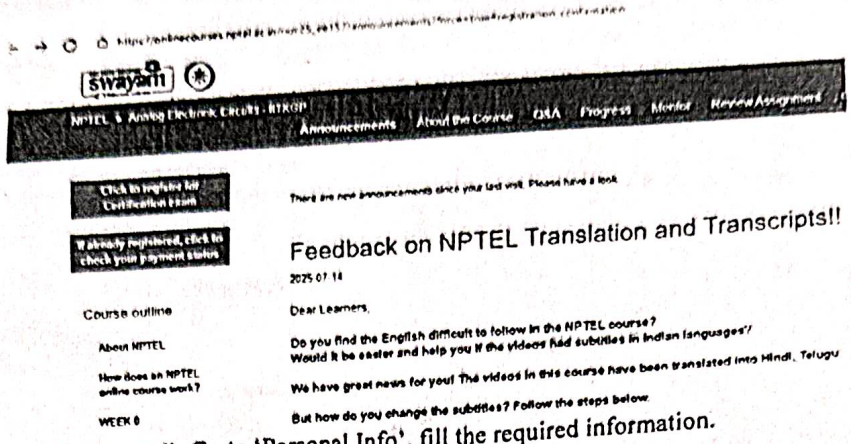


(ii) Update Profile i.e. Personal Details and Education Details. It is mandatory for student to select GNDEC as Swayam Local Chapter, fill college details. Then, 'Update Profile and Join Course'.

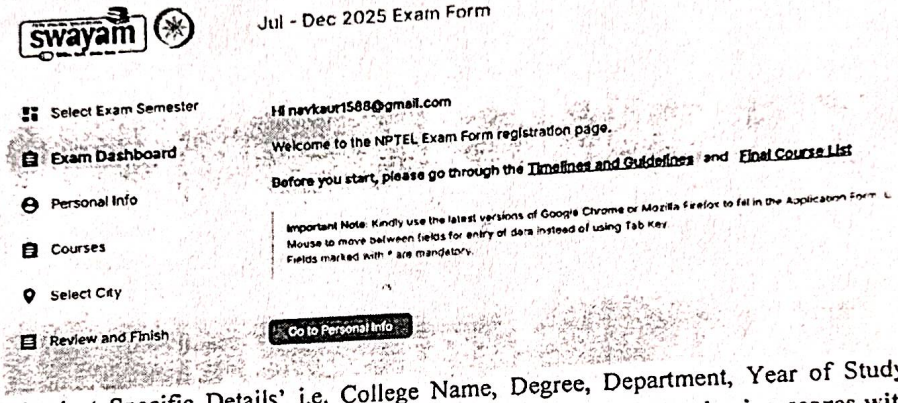


(iii) Student will get an email confirming the course enrolment. Afterwards, he/she can start attending the course week wise. Student will have to fulfill the eligibility and qualification criteria as per NPTEL course guidelines from time to time.

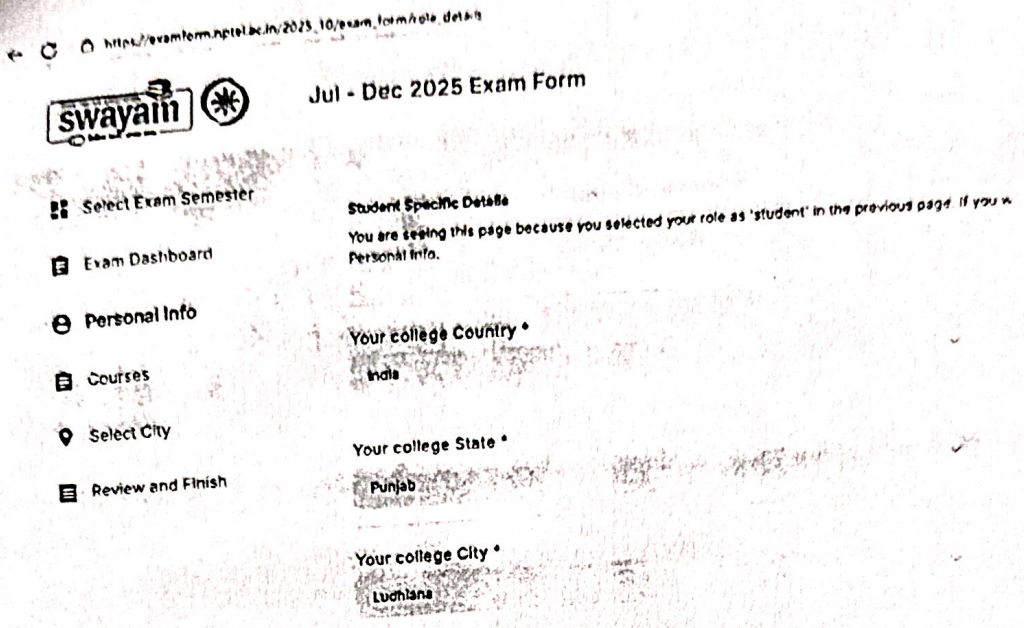
(iv) As per timeline notified by NPTEL, student has to do registration for enrolled course for appearing in the exam; 'Click to register for Certification Exam'.

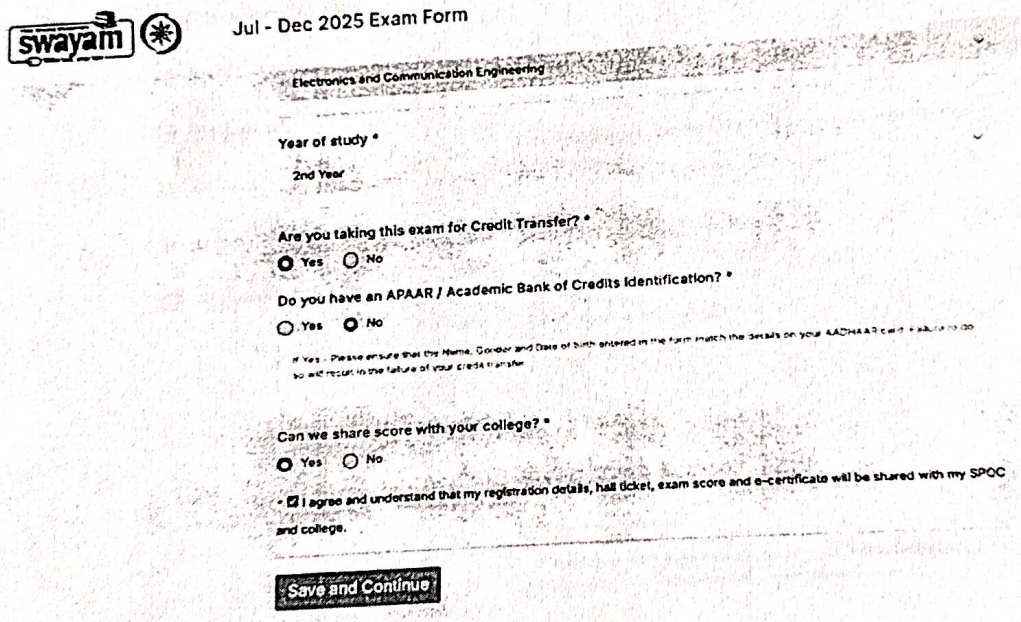


(v) On 'Exam Dashboard', Go to 'Personal Info', fill the required information.

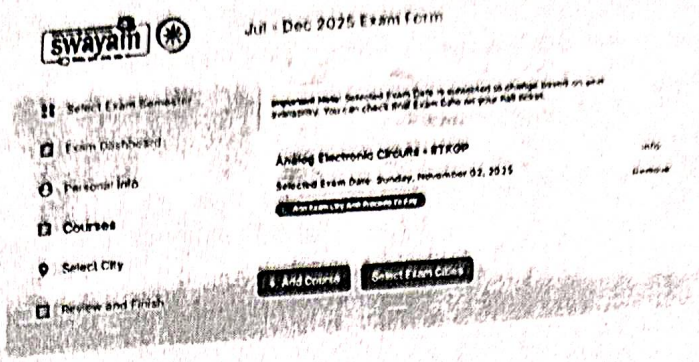


(vi) Fill 'Student Specific Details' i.e. College Name, Degree, Department, Year of Study, APAAR/ABC ID etc. **Student has to tick 'Yes', when asked about sharing scores with college.**





(vii) 'Add Course' for payment; select 'Exam Date' and 'Exam Cities'. Further 'Confirm and Pay'. Pay Exam Fee Rs. 1000/-.



https://examform.nptel.ac.in/2025_10/exam_form/exam_center?action=select

swayam

Jul - Dec 2025 Exam Form

- Select Exam Semester
- Exam Dashboard
- Personal Info
- Courses
- **Select City**
- Review and Finish

Select ExamCity

Edit

- Analog Electronic Circuits - IITKGP: Sunday, November 02, 2025

Price: ₹ 1000

First Preference

Punjab Ludhiana

First Preference City Pincode

141013

Second Preference

Punjab Jalandhar

Third Preference

If exam city choices 1 and 2 are not available, you will be allotted to this 3rd choice exam city. Please choose this exam city very carefully.

Punjab Chandigarh/Mohali

Confirm and pay

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 considered by the college.

6. Student must keep visiting NPTEL official website https://onlinecourses.nptel.ac.in/ for updated information.
7. Kindly note that the aforementioned steps may be subject to change based on NPTEL's specific procedures. So, the student must register carefully.

Encl: *List of Open Electives offered through Swayam-NPTEL platform for B.Tech. 3rd Semester under Scheme Code-2024 for Session July-Dec, 2025.*

18/7/25

AR (Academics)

Cc:

1. Principal- for information, please.
2. All HoDs (UG Engineering)
3. Dean Academics- for information, please.
4. Mr. Ajay Verma- for uploading on Notice Board.
5. Dealing Hand- Ms. Satwinder Kaur

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

List of Open Electives offered through Swayam-NPTEL platform for B.Tech. 3rd Semester under Scheme Code-2024 for Session July-Dec, 2025

Sr. No	Course ID	Course Name	Institute	Course URL	Offering Dept.	Applicable UG Engg. Programs	Course Start Date	Course Enrolment last date*
1	noc25-ee123	Electrical Measurement and Electronic Instruments	IIT Kharagpur	https://onlinecourses.nptel.ac.in/noc25_ee123/preview	EE	CE, CSE, ME, IT	21-Jul-25	28-Jul-25
2	noc25-me178	Sustainable Energy Technology	IIT Hyderabad	https://onlinecourses.nptel.ac.in/noc25_me178/preview	EE	CE, CSE, ECE, ME, IT	21-Jul-25	28-Jul-25
3	noc25-de14	Control Systems	IIT Madras	https://onlinecourses.nptel.ac.in/noc25_de14/preview	EE	CE, CSE, ME, IT	21-Jul-25	28-Jul-25
4	noc25-ce86	Remote Sensing: Principles and Applications	IIT Bombay	https://onlinecourses.nptel.ac.in/noc25_ce86/preview	CE	CSE, ECE, EE, ME, IT	21-Jul-25	28-Jul-25
5	noc25-ce105	Optimization Methods for Civil Engineering	IIT Guwahati	https://onlinecourses.nptel.ac.in/noc25_ce105/preview	CE	CSE, ECE, ME, IT	21-Jul-25	28-Jul-25
6	noc25-ce109	Municipal Solid Waste Management	IIT Guwahati	https://onlinecourses.nptel.ac.in/noc25_ce109/preview	CE	CSE, ECE, EE, ME, IT	21-Jul-25	28-Jul-25
7	noc25-ce113	Introduction to Multimodal Urban Transportation Systems (MUTS)	IIT Kharagpur	https://onlinecourses.nptel.ac.in/noc25_ce113/preview	CE	CSE, ECE, EE, ME, IT	21-Jul-25	28-Jul-25
8	noc25-cs117	Privacy and Security in Online Social Media	IIIT Hyderabad	https://onlinecourses.nptel.ac.in/noc25_cs117/preview	IT	CE, ECE, EE, ME	21-Jul-25	28-Jul-25
9	noc25-ee130	Modern Digital Communication Techniques	IIT Kharagpur	https://onlinecourses.nptel.ac.in/noc25_ee130/preview	ECE	CE, CSE, EE, ME	21-Jul-25	28-Jul-25

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Sr. No	Course ID	Course Name	Institute	Course URL	Offering Dept.	Applicable UG Engg. Programs	Course Start Date	Course Enrolment last date*
10	noc25-ee131	Analog Communication	IIT Kharagpur	https://onlinecourses.nptel.ac.in/noc25_ee131/preview	ECE	CE, CSE, ME	21-Jul-25	28-Jul-25
11	noc25-cs8	Data Structures and Algorithms Design	IIT Kanpur	https://onlinecourses.nptel.ac.in/noc25_cs81/preview	CSE	CE, EE, ME	21-Jul-25	28-Jul-25
12	noc25-cs83	Computer Architecture	IIT Delhi	https://onlinecourses.nptel.ac.in/noc25_cs83/preview	CSE	CE, ECE, EE, ME	21-Jul-25	28-Jul-25
13	noc25-cs146	Introduction to Industry 4.0 and Industrial Internet of Things	IIT Kharagpur	https://onlinecourses.nptel.ac.in/noc25_cs146/preview	CSE	CE, ECE, EE, ME	21-Jul-25	28-Jul-25
14	noc25-cs141	Operating System Fundamentals	IIT Kharagpur	https://onlinecourses.nptel.ac.in/noc25_cs141/preview	CSE	CE, ECE, ME	21-Jul-25	28-Jul-25
15	noc25-me122	Work System Design	IIT Roorkee	https://onlinecourses.nptel.ac.in/noc25_me122/preview	MPE	CE, CSE, ECE, EE, IT	21-Jul-25	28-Jul-25
16	noc25-me104	Basics of Materials Engineering	IIT Madras	https://onlinecourses.nptel.ac.in/noc25_me104/preview	MPE	CE, CSE, ECE, EE, IT	21-Jul-25	28-Jul-25
17	noc25-ge53	Solar Energy Engineering and Technology	IIT Guwahati	https://onlinecourses.nptel.ac.in/noc25_ge53/preview	MPE	CE, CSE, ECE, IT	21-Jul-25	28-Jul-25

* Visit NPTEL Official website for updated information: https://onlinecourses.nptel.ac.in/

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