

**Guru Nanak Dev Engineering College, Ludhiana**  
**Department of Information Technology**

Ref. No.

Dated:

The list of courses for Honours and Minor Degree (2023 Batch) through MOOCs/Classroom teaching in B.Tech (IT) for session July - Dec 2026 is available in table below.

**NPTEL MOOCS courses for Honour Degree: July – Dec 2026**

| Batch     | Semester        | Name of Course               | Course ID   | Web link to join the Course                                                                                                                     | Institute     | Duration |
|-----------|-----------------|------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|
| 2023-2027 | 7 <sup>th</sup> | 1. Deep Learning – IIT Ropar | noc26-cs138 | <a href="https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs138">https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs138</a> | IIT Ropar     | 12 Weeks |
|           |                 | 2. Computational Complexity  | noc26-cs142 | <a href="https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs142">https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs142</a> | IIT Hyderabad | 12 Weeks |

**NPTEL MOOCS/classroom Teaching courses for Minor Degree: July- Dec 2026**

| Batch     | Course Type         | Name of course                   | Course ID                                                                                                                                                      | Credits | Semester                                                                   |
|-----------|---------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------|
| 2023-2027 | Class Room Teaching | 1. Data Structure                | MnPCIT101                                                                                                                                                      | 3       | Applicable for 7 <sup>th</sup> semester students of branches other than IT |
|           |                     | Data Structure Laboratory        | MnLPCIT101                                                                                                                                                     | 1       |                                                                            |
| 2023-2027 | MOOCs               | 1. Computer Architecture         | noc26-cs168<br><a href="https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs168">https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs168</a> | 3       | Applicable for 7 <sup>th</sup> semester students of branches other than IT |
|           |                     | 2. Operating System Fundamentals | noc24-cs156<br><a href="https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs156">https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cs156</a> | 3       |                                                                            |

**Note:** All the interested students of IT department are required to fill the form (available on website) with the details of course (12 Week Course) in which they are going to appear in current semester. The hard copy is to be submitted to department clerk through the advisor by August 3, 2026. The last date to enroll for the course on SWAYAM portal is 03<sup>rd</sup> August, 2026. For minor degree, the application of student should be sent through concerned department.

HOD(IT)

Copy to:

1. Principal for Information Please
2. Dean Academics for Information
3. HODs (ECE/EE/MPE/CIVIL)
4. BOS File
5. Mentors of 7<sup>th</sup> semester to guiding students for maximum enrollment

# **GURU NANAK DEV ENGINEERING COLLEGE**

**Department of Information Technology**

**Performa for Degree with Honours**

**(MOOCs Course)**

**Session: July – December 2026**

|                                             |                               |
|---------------------------------------------|-------------------------------|
| <b>Course:</b>                              | <b>Bachelor of Technology</b> |
| <b>Branch:</b>                              | _____                         |
| <b>Batch:</b>                               | _____                         |
| <b>University RollNo.:</b>                  | _____                         |
| <b>Name of Student:</b>                     | _____                         |
| <b>Father's Name:</b>                       | _____                         |
| <b>Semester/Year:</b>                       | _____                         |
| <b>Contact Number:</b>                      | _____                         |
| <b>Course Name (Offered by department):</b> | _____                         |
| <b>Course Id:</b>                           | _____                         |

**Signature of Student (with date)**

**HOD (IT)**

**Encl. Previous MOOCs Course Certificates**

## Department of Information Technology

### Performa for Minor Engineering Degree Classroom Teaching

(Session: July - December 2026)

Branch: \_\_\_\_\_

University Roll No.: \_\_\_\_\_

Semester: \_\_\_\_\_

Name: \_\_\_\_\_

Contact No.: \_\_\_\_\_

Section: \_\_\_\_\_

| SGPA<br>(1stSem) | SGPA<br>(2ndSem) | SGPA<br>(3rdSem) | SGPA<br>(4thSem) | SGPA<br>(5thSem) | SGPA<br>(6thSem) |
|------------------|------------------|------------------|------------------|------------------|------------------|
|                  |                  |                  |                  |                  |                  |

**Signature of student**

**HOD (Concerned Department)**