



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी,  
गुवाहाटी-781 039, असम, भारत  
**Indian Institute of Technology Guwahati,**  
Guwahati-781 039, Assam, India.

Phone No.: +91-361-258 2192  
E-mail: [acadoff@iitg.ac.in](mailto:acadoff@iitg.ac.in)  
Web: <https://www.iitg.ac.in/acad>

ACADEMIC  
COURSES



Ref: IITG/Acad/194/06/2025/11450

Date: 15/07/2025

### **NOTICE**

#### **Sub: Registration of Open Elective course for the July-November 2025 semester.**

This is to notify you that the preference for Open Elective course for July-November 2025 semester are to be submitted through **MS-Form**, link will be provided later on. For students who are having two open electives in their course structure, two non-clashing courses will be allotted as per their preference given. All choices are mandatory to be filled for final submission of the form.

The Open Elective registration for the preferred courses is purely based on first come first served. List of Open Electives with maximum registered capacity is mentioned below:

| Course Code | Course Name                                                                    | Semester | Exam/Class slot | Seats available for OE |
|-------------|--------------------------------------------------------------------------------|----------|-----------------|------------------------|
| CS 452      | Introduction to Deep Learning Internals                                        | 5        | F               | 40                     |
| CH 426      | Green Chemistry and Technology                                                 | 5        | F1              | 120                    |
| CS 352      | OOPs and Data Structures                                                       | 5        | F1              | 120                    |
| EE 339      | Blockchain Science and Technology                                              | 5        | F1              | 120                    |
| BT 421      | Neuroscience                                                                   | 7        | B               | 100                    |
| CE 411      | Dynamic of structure                                                           | 7        | B               | 80                     |
| CE 446      | Urban Transportation System Planning                                           | 7        | B               | 50                     |
| MA 506      | Number Theory and Cryptography                                                 | 7        | B               | 55                     |
| ME 609      | Optimization Methods in Engineering                                            | 7        | B               | 60                     |
| ME 674      | Soft Computing in Engineering                                                  | 7        | B               | 18                     |
| BT 418      | Systems Biology                                                                | 7        | F               | 100                    |
| CE 560      | Computational Methods in Hydraulics and Environmental Engineering Applications | 7        | F               | 70                     |
| CH 429      | Petroleum and Petrochemicals                                                   | 7        | F               | 120                    |
| CL 623      | Polymer Science and Technology                                                 | 7        | F               | 40                     |
| CL 630      | Composites Materials                                                           | 7        | F               | 10                     |
| CL 643      | Computer aided applied optimization                                            | 7        | F               | 100                    |



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी,  
गुवाहाटी-781 039, असम, भारत  
**Indian Institute of Technology Guwahati,**  
Guwahati-781 039, Assam, India.

Phone No.: +91-361-258 2192  
E-mail: [acadoff@iitg.ac.in](mailto:acadoff@iitg.ac.in)  
Web: <https://www.iitg.ac.in/acad>

ACADEMIC  
COURSES

|        |                                                 |   |   |     |
|--------|-------------------------------------------------|---|---|-----|
| CS 452 | Introduction to Deep Learning Internals         | 7 | F | 80  |
| DA 422 | Hardware-Aware Deep Learning                    | 7 | F | 120 |
| EE 658 | Optimization Techniques                         | 7 | F | 100 |
| EE 639 | Numerical Methods and Programming Practice      | 7 | F | 120 |
| MA 502 | Graph Theory                                    | 7 | F | 45  |
| ME 532 | Finite Element Methods in Engineering           | 7 | F | 60  |
| PH 443 | Monte Carlo Simulation Methods and Applications | 7 | F | 100 |

The registration form will be started on **16-07-2025(Wednesday) at 6:00 p.m.**, the same will be closed on **18-07-2025(Friday) at 4:00 p.m.**

This is issued with the approval of the Competent Authority.



HoS (Academic Affairs)

अनुभाग प्रमुख  
Head of the Section  
शैक्षणिक मामलें  
Academic Affairs  
आई आई टी गुवाहाटी  
IIT Guwahati

**Copy to:**

- 1) Dean / Associate Deans, Academic Affairs
- 2) Heads of Departments/Centres/Schools
- 3) Notice Board
- 4) Academic Office File