

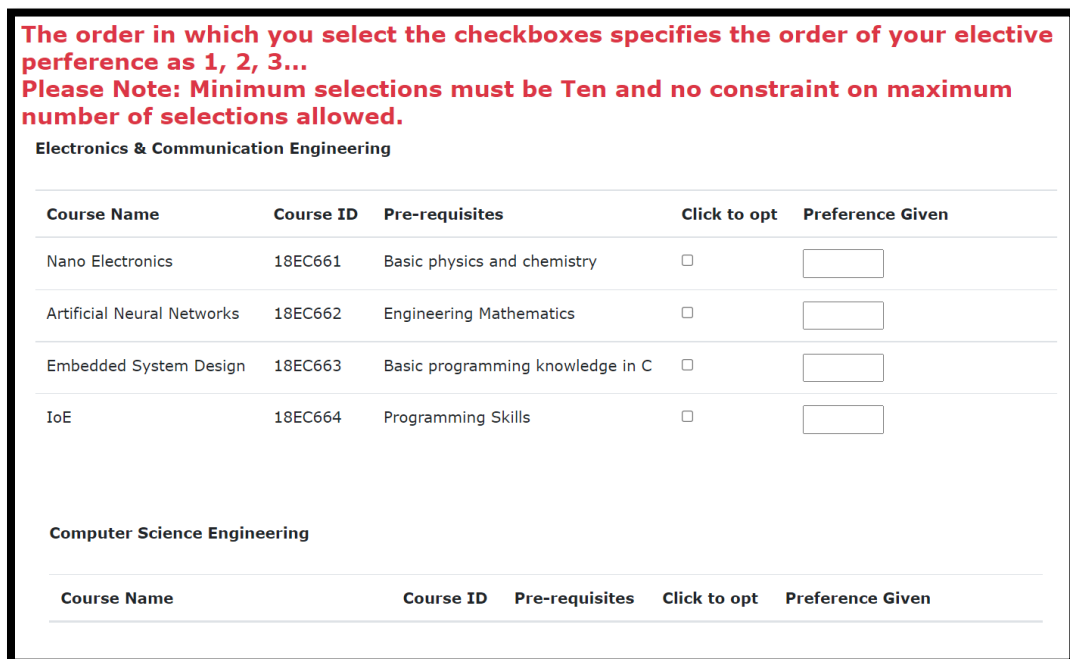
Procedure to register the open elective preferences

1. You are required to enter your Name, USN and UID.



The screenshot shows the registration interface for KLS's Gogte Institute of Technology. At the top, there is a teal header with the institute's logo and the text "KLS's Gogte Institute of Technology Open Electives Management System". Below the header, the title "Open Elective Registration" is displayed. The form contains three input fields: "Enter UID" with the value "17U38381", "Enter USN" with the value "2GI17CV404", and "Enter the first four characters of your name" with the placeholder "xxxx".

2. The list of available Courses will be displayed



The screenshot displays the course selection interface. At the top, a red notice states: "The order in which you select the checkboxes specifies the order of your elective preference as 1, 2, 3... Please Note: Minimum selections must be Ten and no constraint on maximum number of selections allowed." Below this, the section "Electronics & Communication Engineering" is shown. It contains a table with the following data:

Course Name	Course ID	Pre-requisites	Click to opt	Preference Given
Nano Electronics	18EC661	Basic physics and chemistry	<input type="checkbox"/>	<input type="text"/>
Artificial Neural Networks	18EC662	Engineering Mathematics	<input type="checkbox"/>	<input type="text"/>
Embedded System Design	18EC663	Basic programming knowledge in C	<input type="checkbox"/>	<input type="text"/>
IoE	18EC664	Programming Skills	<input type="checkbox"/>	<input type="text"/>

Below the table, the section "Computer Science Engineering" is visible, followed by a table header with columns: "Course Name", "Course ID", "Pre-requisites", "Click to opt", and "Preference Given".

3. Select the courses by ticking on the check boxes.
 - As you select the course the preference number is given in the same order.
 - So select the course which you wish to give the highest preference first and so on.
 - The preference number will be shown in the neighboring textbox.

- If you untick a checkbox, the preference numbers will be updated accordingly.

Course Name	Course ID	Pre-requisites	Click to opt	Preference Given
Nano Electronics	18EC661	Basic physics and chemistry	<input type="checkbox"/>	<input type="text"/>
Artificial Neural Networks	18EC662	Engineering Mathematics	<input type="checkbox"/>	<input type="text"/>
Embedded System Design	18EC663	Basic programming knowledge in C	<input checked="" type="checkbox"/>	<input type="text" value="2"/>
IoE	18EC664	Programming Skills	<input type="checkbox"/>	<input type="text"/>

Computer Science Engineering

Course Name	Course ID	Pre-requisites	Click to opt	Preference Given
Python Programming	18CS661	C Programming	<input checked="" type="checkbox"/>	<input type="text" value="3"/>
Database Management System	18CS662	Mathematics	<input type="checkbox"/>	<input type="text"/>
Data Structures	18CS663	C Programming	<input checked="" type="checkbox"/>	<input type="text" value="1"/>
Object Oriented Programming with JAVA	18CS664	C Programming	<input type="checkbox"/>	<input type="text"/>

Mechanical Engineering

Course Name	Course ID	Pre-requisites	Click to opt	Preference Given
Organizational Behavior and Professional communication	18ME661	Basics of management	<input checked="" type="checkbox"/>	<input type="text" value="4"/>

4. It is compulsory to select at least **TEN** courses

Course Name	Course ID	Pre-requisites	Click to opt	Preference Given
Nanoscience and Nanotechnology	18CH661	NIL	<input checked="" type="checkbox"/>	<input type="text" value="10"/>
Polymer Science and Technology	18CH662	NIL	<input checked="" type="checkbox"/>	<input type="text" value="8"/>
Advanced Materials	18CH663	NIL	<input type="checkbox"/>	<input type="text"/>
Corrosion Science and Technology	18CH664	NIL	<input checked="" type="checkbox"/>	<input type="text" value="6"/>

Maths

Course Name	Course ID	Pre-requisites	Click to opt	Preference Given
Linear Algebra	20MAT661	Basics of Matrices, Vector algebra, Set theory, Relations, functions	<input checked="" type="checkbox"/>	<input type="text" value="9"/>

5. If you have made your final selection then click on the **submit** button.

Course Name	Course ID	Pre-requisites	Click to opt	Preference Given
Nanoscience and Nanotechnology	18CH661	NIL	<input type="checkbox"/>	<input type="text"/>
Advanced Materials	18CH663	NIL	<input type="checkbox"/>	<input type="text"/>
Corrosion Science and Technology	18CH664	NIL	<input type="checkbox"/>	<input type="text"/>

Maths

Course Name	Course ID	Pre-requisites	Click to opt	Preference Given
<p>The courses and their preferences will not be saved until the confirm button is not clicked in the next step. If that step is ignored then you will be solely responsible.</p> <input type="button" value="submit"/>				

6. The list of selected Courses along with their preferences will be displayed.

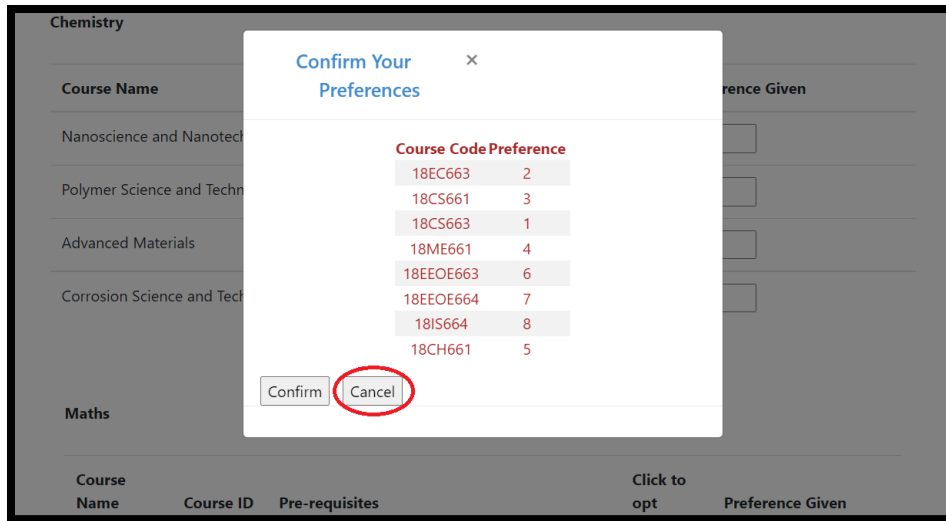
Chemistry

Course Name	Course ID	Pre-requisites	Click to opt	Preference Given
Nanoscience and Nanotechnology	18CH661	NIL	<input type="checkbox"/>	<input type="text"/>
Polymer Science and Technology	18CH663	NIL	<input type="checkbox"/>	<input type="text"/>
Advanced Materials	18CH664	NIL	<input type="checkbox"/>	<input type="text"/>
Corrosion Science and Technology	18CH661	NIL	<input type="checkbox"/>	<input type="text"/>

Maths

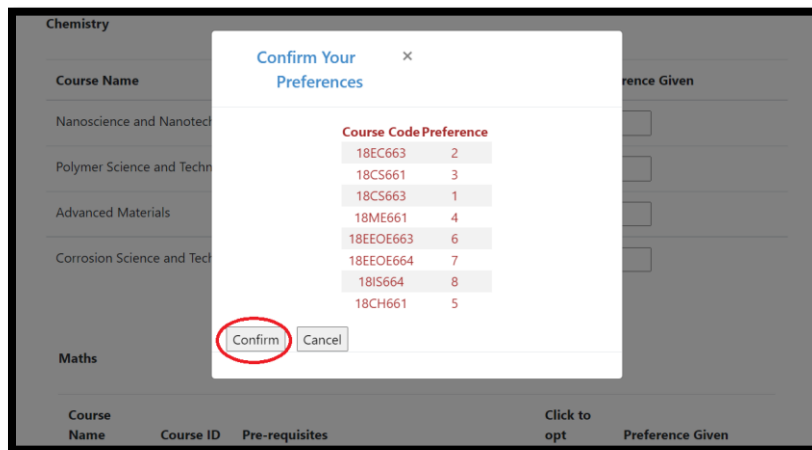
Course Name	Course ID	Pre-requisites	Click to opt	Preference Given																
<p>Confirm Your Preferences</p> <p>Course Code Preference</p> <table border="1"> <tbody> <tr><td>18EC663</td><td>2</td></tr> <tr><td>18CS661</td><td>3</td></tr> <tr><td>18CS663</td><td>1</td></tr> <tr><td>18ME661</td><td>4</td></tr> <tr><td>18EEOE663</td><td>6</td></tr> <tr><td>18EEOE664</td><td>7</td></tr> <tr><td>18IS664</td><td>8</td></tr> <tr><td>18CH661</td><td>5</td></tr> </tbody> </table> <p><input type="button" value="Confirm"/> <input type="button" value="Cancel"/></p>					18EC663	2	18CS661	3	18CS663	1	18ME661	4	18EEOE663	6	18EEOE664	7	18IS664	8	18CH661	5
18EC663	2																			
18CS661	3																			
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18ME661	4																			
18EEOE663	6																			
18EEOE664	7																			
18IS664	8																			
18CH661	5																			

7. To change any course or course preference click on cancel button.



8. If the preferences are finalized then click on confirm to save your courses and their preferences.

The courses and their preferences will not be saved until the confirm button is not clicked in the next step. If that step is ignored then you will be solely responsible.



9. You can check your courses and their preferences by again entering your details.

Open Elective Registration

Enter UID

Enter USN

Enter the first four characters of your name

Your Elective Preferences in the order of preference submitted are as follows:

Course Code	Course Name	Preference No.
18CS663	Data Structures	1
18EC663	Embedded System Design	2
18CS661	Python Programming	3
18ME661	Organizational Behavior and Professional communica	4
18CH661	Nanoscience and Nanotechnology	5
18EEOE663	Electric and Hybrid Vehicles	6
18EEOE664	Fuzzy logic	7
18IS664	Internet of Things	8

You have successfully registered your elective preferences

Procedure of allocating the electives.

1. The electives with less than 10 students opting the course will be removed from allocation process.
2. For the students who had preferred these courses, the preferences below the removed course will be raised by 1.
 - Example: If a student has given the following preference

Course Code	Course Name	Preference No.
18CS663	Data Structures	1
18EC663	Embedded System Design	2
18CS661	Python Programming	3
18ME661	Organizational Behavior and Professional communica	4
18CH661	Nanoscience and Nanotechnology	5
18EEOE663	Electric and Hybrid Vehicles	6
18EEOE664	Fuzzy logic	7
18IS664	Internet of Things	8

- If the number of students preferring the course 18EC663 is less than 10 as their first preference then that course will be remove from allocation list.
- The above student's preferences will be updated for all the courses from 18CS661 onwards.

Course Code	Course Name	Preference No.
18CS663	Data Structures	1
18CS661	Python Programming	2
18ME661	Organizational Behavior and Professional communica	3
18CH661	Nanoscience and Nanotechnology	4
18EEOE663	Electric and Hybrid Vehicles	5
18EEOE664	Fuzzy logic	6
18IS664	Internet of Things	7

3. The final list of courses after removing the courses with less than ten students opting a course will be consider to allocation as follows:

- Course wise preference wise allocation is done.
- First course-first preference students are sorted on CGPA.
- If the number of preferences are greater than the available seats
 1. Allocation of course is done to the number of students in the decreasing order of their CGPA as much seats are available.
 2. The students who have CGPA less than the cutoff CGPA are considered for their 2nd preference course and rejected for this course.
- If the number of preferences are less than the available seats
 1. Allocation of all students who have given their preference as the first preference for this course will be allocated the course.
 2. The remaining seats will be considered for the students who have given their preference as second preference for this course.
- The above steps of allocation is repeated for each course for each preference until all courses and all preferences are allocated.