

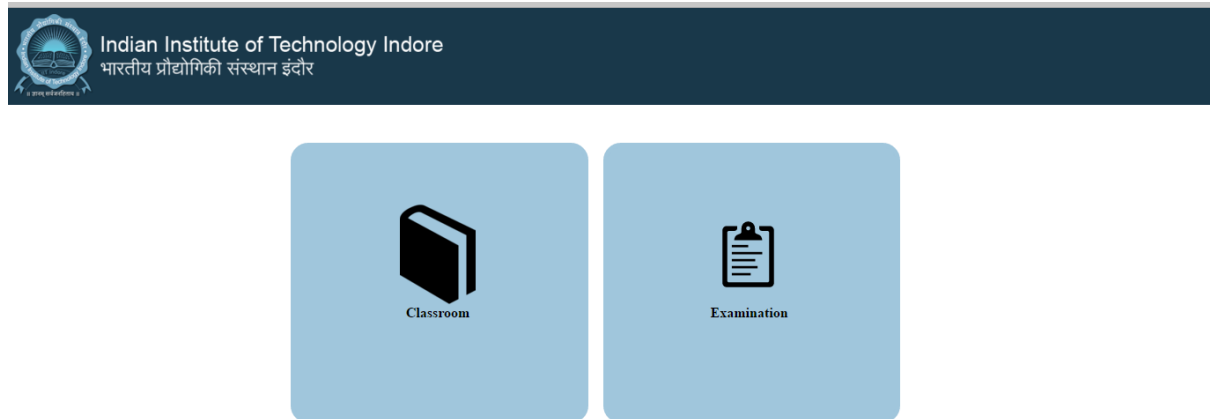
User Manual

IITI SCHEDULER

1. INTRODUCTION

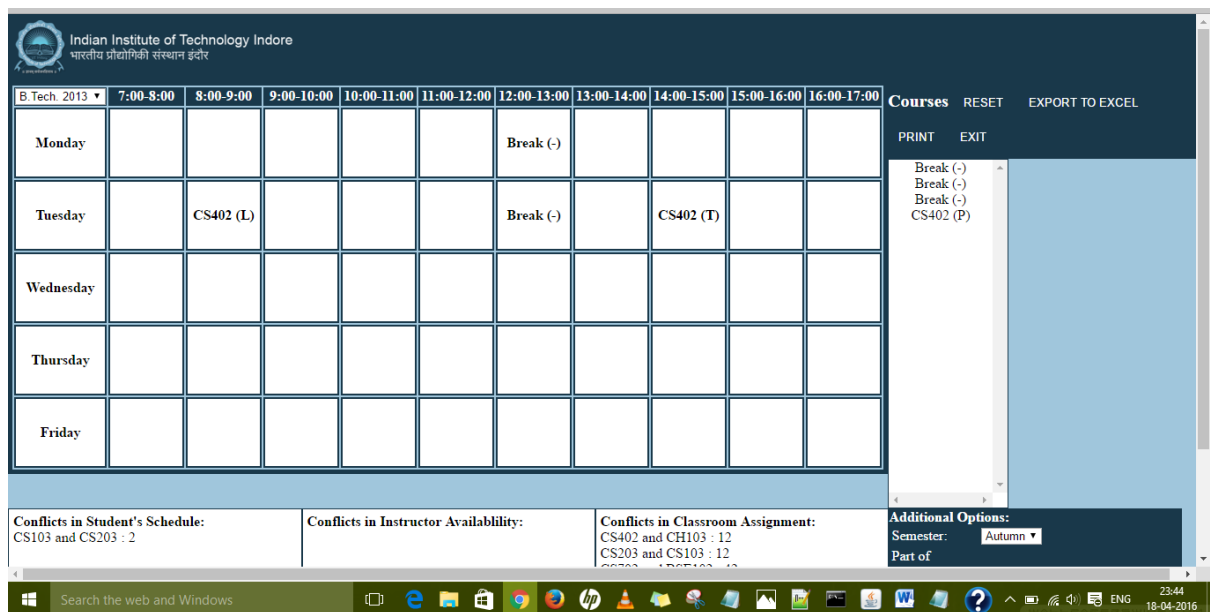
“IITI Scheduler” is a web-based application which aids in easy and fast production of Time Tables. With an easy drag-and-drop interface and intuitive tabular display with conflict display, it aims to provide the user with a conflict free timetable with minimal effort.

2. LANDING PAGE



On logging in the IITI admin page, the user is greeted with a simplistic minimal user interface, consisting of two buttons, namely “Classroom” and “Examination”.


2.1.CLASSROOM TIMETABLE DEVELOPMENT



On Clicking the “Classroom” button, the system moves to the TimeTable Development View, where a grid is displayed depicting the stored Subjects in particular Time Slots.

1. If no subjects are stored previously in the database, an empty grid will be displayed.
2. In the upper-right corner of the grid, a “Batch” drop-down is available, which avails the user to select a particular batch for the development of TimeTable.
3. To change the time periods for the classes, select any one of the time intervals, thus opening a popup asking the user for the starting time. Clicking Submit updates the time.

Change the start time

 All batches will be get the same start hour and minute you provide below. To proceed press Submit:

6

▼

00

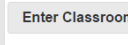
▼

Submit

- To assign a particular Course to a Time Slot, just drag the Course from the Course List to the respective Time Slot. The selected Slot will be highlighted with a “Red” colour.

	CS402 (T)		
		CS402 (P)	

- On dropping the Course, if the Course is not a “Break”, a popup will ask the user to submit the respective Classroom for the course. Classroom field only accepts capital English alphabets and numbers.



Enter Classroom

Provide the classroom where this course lectures will be held below.

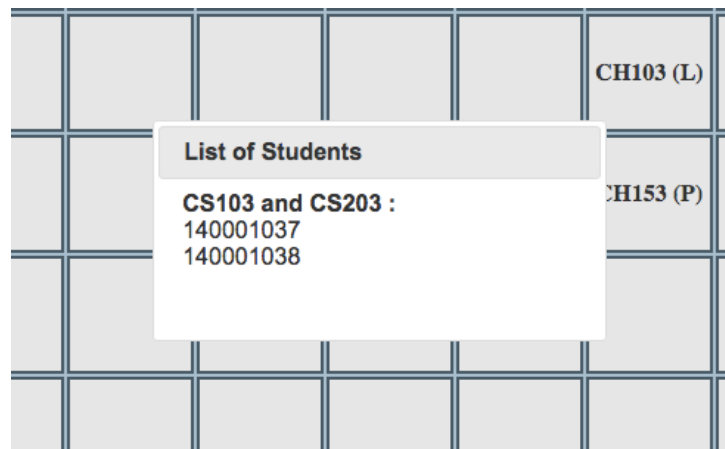
Submit

6. The Conflicts for the current Time Table setup will be displayed in the text areas below the grid.

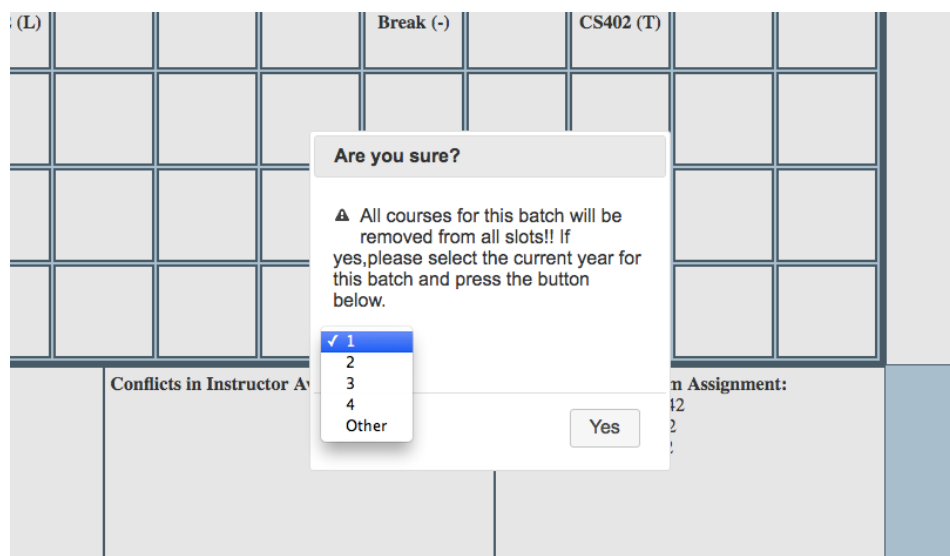
Friday									
--------	--	--	--	--	--	--	--	--	--

Conflicts in Student's Schedule: CS103 and CS203 : 2	Conflicts in Instructor Availability:	Conflicts in Classroom Assignment: CS402 and CH103 : 12 CS203 and CS103 : 12 CS702 and BSE102 : 42	Additional Options Semester: Aut Part of Semester: Prepared by: <input type="text"/> Copy to: <input type="text"/>
--	--	--	--

7. Conflicts for student's schedule shows the number of students for a pair of batches having that conflict. To view the Roll No.s of the student click one the respective entry. It opens up a dialog box with the list of Roll No.s.

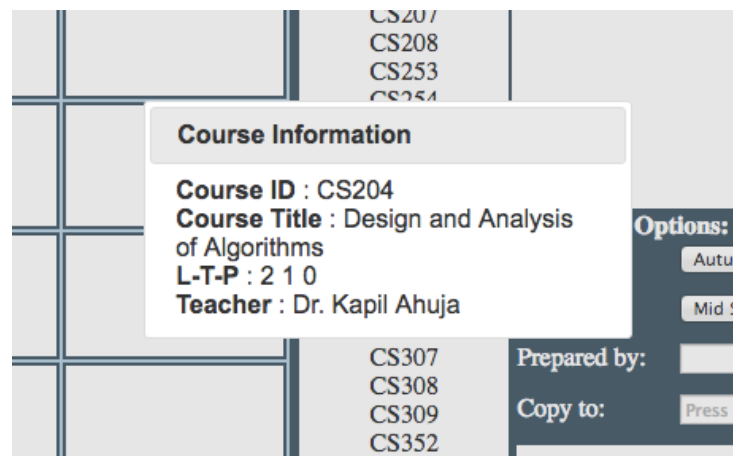


8. To select a year for a batch click on the RESET button on the top right side of the screen. This opens a dialog box asking for year to be assigned to the current batch. Select 'Other' option for PG batches. Click on Yes to Conform your selection.



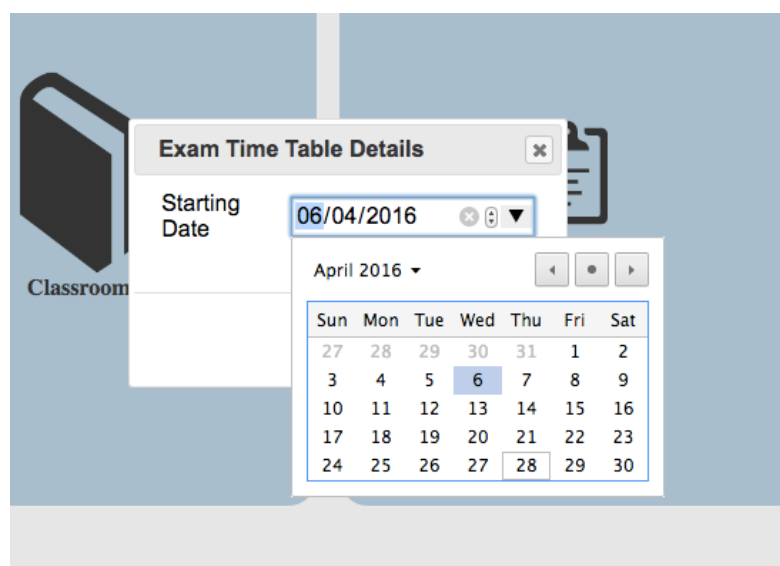
9. To go back to the landing page press the EXIT button on the top right side of the screen.

10. Click on any course either in the course list or in any of the timetable slots to view their corresponding information.



2.2 EXAM TIMETABLE DEVELOPMENT

1. Clicking on the Exam Button on the landing page opens up a dialog box asking for the date to start examination. Clicking the arrow on right end of the input field opens up the calendar for ease of selection.



- If no subjects are stored previously in the database, an empty grid will be displayed.
- The timetable shows editable time assignment field below each session where user can edit the start and end time for an exam session.

भारतीय प्रौद्योगिकी संस्थान इंदौर					
Forenoon Session			Afternoon Session		
9:30 - 12:30			2:30 - 5:30		
I Year	III Year	II Year	IV Year	MSC/MTECH	
Course Code		Course Code		Course Code	

- To assign a particular Course to a Time Slot, just drag the Course from the Course List to the respective Time Slot. The selected Slot will be highlighted with a “Red” colour.

	CS402 (T)		
		CS402 (P)	

- If the course is dropped in a slot column not belonging to the year the course belongs a alert box is generated which asks for conformation.

			CS103	Same Day Conflicts:
			CS153	
			CS201	
			CS202	
			CS203	

CS203

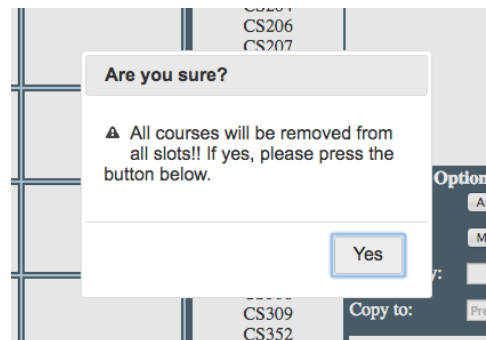
localhost:8080 says:
Sorry, the course dragged was of 2 year, while the slot was of MSC/MTECH/PHD. Do you want to continue?

Cancel

OK

			CS203	Semester: Autumn Part of Semester: Mid Semester Prepared by:
			CS204	
			CS302	
			CS303	
			CS304	
			CS305	
			CS306	

6. To go back to the landing page press the EXIT button on the top right side of the screen.
7. To start afresh press the RESET button on the top right right side of the screen. Clicking it opens up a dialog box asking for conformation.



8. Set additional options on the bottom left of the screen regarding the exam timetable.

CS254	
CS256	
CS257	
CS258	
CS302	
CS303	
CS304	
CS305	
CS306	
CS307	
CS308	
CS309	
CS352	
CS353	
CS354	
CS355	
CS356	

Additional Options:

Semester: Autumn

Part of Semester: Mid Semester

Prepared by:

Copy to: Press Enter to Submit x

9. Click on EXPORT TO EXCEL to download a excel file of the corresponding exam time table output
10. Click on PRINT to print or save as pdf the current created exam time table from the top right side of the screen.

11. Conflicts for student's schedule shows the number of students for a pair of batches having that conflict subdivided into two sections of same session and same day. To view the Roll No.s of the student click one the respective entry. It opens up a dialog box with the list of Roll No.s.

The screenshot shows a web interface for a student's schedule. At the top, there are time slots: 2:30 and 5:30. Below this is a table with columns for 'IV Year', 'MSC/MTECH/PHD', 'Course Code', and 'Course Code'. The table contains several rows, with 'CS203' highlighted in the 'Course Code' column. To the right of the table, there is a section titled 'Conflicts in Student's Schedule:' which lists 'Same Session Conflicts:' and 'Same Day Conflicts:'. Below this, a dialog box titled 'List of Students' is open, showing 'CS203 and CS103 :' followed by the roll numbers '140001037' and '140001038'. At the bottom right, there is a 'Semester:' dropdown menu set to 'Autumn'.

12. Click on any course either in the course list or in any of the timetable slots to view their corresponding information.

The screenshot shows a web interface for a course list. A dialog box titled 'Course Information' is open, displaying the following details: 'Course ID : CS204', 'Course Title : Design and Analysis of Algorithms', 'L-T-P : 2 1 0', and 'Teacher : Dr. Kapil Ahuja'. The background shows a table with course codes (CS207, CS208, CS253, CS254) and a section titled 'Options:' with buttons for 'Autumn', 'Mid Se', and 'Prepared by:'. There is also a 'Copy to:' button.

3. TECHNICAL ASSISTANCE

1. To insert a new batch into the software open the database through any mode like terminal or phpmyadmin which can support executing update queries. Type int the following query to compete this task:

-> Insert into batch value('new_batch_code','new_batch_name');

2. To delete a batch from the software open the database through any mode like terminal or phpmyadmin which can support executing update queries. Type int the following query to compete this task:

-> delete from master where batch_id='batch_code';

-> delete from slave where batch_id='batch_code';

-> delete from batch where batch_id='batch_code';

3. To insert a new course into the software open the database through any mode like terminal or phpmyadmin which can support executing update queries. Type int the following query to compete this task:

-> Insert into course value('course_id', 'course_name', lecture_hours, tutorial_hours, practical_hours);
