

## Department of Biochemical Engineering and Biotechnology

Semester 1, 2022-2023

Ver - 20220705

Course Code	<b>BBL737</b>
Course Name	Instrumentation and Analytical Methods in Bioengineering
LTP Structure	2-0-2
Slot	E
Lecture hours	10 – 10:50 AM (Tuesday, Wednesday, Friday)
Lab hours	3 - 5 PM on Fridays
Course Coordinator	Head of the Department ( <a href="mailto:hoddbeb@iitd.ac.in">hoddbeb@iitd.ac.in</a> )
Lecture venue	Will be announced here ( <a href="https://timetable.iitd.ac.in">https://timetable.iitd.ac.in</a> )
Course Evaluation Policy	<b>Minor Test</b> (50 marks), <b>Major Test</b> (30 marks). <b>Lab</b> (20 marks)
Remarks	Course-related information will be emailed ONLY on official course group email ID

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# AUGUST 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3

## BBL737 schedule:

<b>Lectures</b>	Wed and Fri (10 – 10:50 AM)
<b>Lab</b>	Fri (3 – 5 PM)
<b>Aug 3, 5</b>	<b>Ritu Kulshreshtha</b> (RT-PCR)
<b>Aug 10 , 12</b>	<b>Ravikrishnan Elangovan</b> (Microscopy)
<b>Aug 17</b>	<b>Sunil Nath</b> (LC-MS)
<b>Aug 24, 26</b>	<b>Ashish Misra</b> (GC with FID & TCD)
<b>Aug 31</b>	<b>Prashant Mishra</b> (Spectrofluorimeter)

# SEPTEMBER 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1

## BBL737 schedule:

**Sep 02**      **Prashant Mishra**  
(Spectrofluorimeter)

**Sep 7, 9**      **Shilpi Sharma**  
(DNA Fingerprinting)

**Sep 14, 16**      **Ziauddin S. Ahammad**  
(Elemental Analyzer)

**Sep 21, 23**      **Kumari Priti Sinha**

**Sep 25 - 28**      **Minor Test**  
(to be conducted by RK, RE, SN, AM,  
PM, SS, ZAS and KPS)

# OCTOBER 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

## BBL737 schedule:

Oct 12, 14 **Preeti Srivastava**

(2-D Gel Electrophoresis)

Oct 19, 21 **Lucinda Elizabeth Doyle**

(Dionex HPLC with ECD  
and CD)

Oct 26, 28 **Atul Narang**

NOVEMBER 2022						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3

### BBL737 schedule:

**Nov 2, 4**     **Ishaan Gupta**  
(Genomic Analysis Techniques)

**Nov 9, 11**     **KJ Mukherjee**

**Nov 17 - 26**     **Major Test**  
(to be conducted by PS, LED, AN, IG and KJ)

**Nov 17 - 26**     **Lab Exam**  
(to be conducted by RK, RE, SN, AM, PM, SS, ZAS, KPS, PS, LED, AN, IG and KJ)