



**DR. B. C. ROY COLLEGE OF PHARMACY & AHS, DURGAPUR**  
**(NBA Accredited for UG Pharmacy Program)**

# FOR VIDEO & SUPPLEMENTARY MATERIAL POSTING

[FACULTY: Dr. Ujjwal Sahoo](#)

**PROGRAM: B. PHARM**

**Course Code:**

PT711\_US

**Course Name:**

Advanced concept in pharmaceutical analysis

## **Suggested Books for the Course (with links):**

Sl. No.	Book Name, Ed., Vol	Authors	Weblink(s)
1.	Handbook Of Instrumental Techniques For Analytical Chemistry	FRANK A. SETTLE	<a href="https://drive.google.com/file/d/1eheoYBtix062rxnsS1TTvkX8vK4BZpmC/view?usp=sharing">https://drive.google.com/file/d/1eheoYBtix062rxnsS1TTvkX8vK4BZpmC/view?usp=sharing</a>
2.	Spectroscopy	Silverstein	<a href="https://drive.google.com/drive/folders/1aQjppQYk6Q75rgLd2dcPEkJrtIVwGhvb?usp=sharing">https://drive.google.com/drive/folders/1aQjppQYk6Q75rgLd2dcPEkJrtIVwGhvb?usp=sharing</a>
3.	Organic Spectroscopy-Macmillan Education UK (1991)	William Kemp (auth.)	<a href="https://drive.google.com/file/d/1CGYhFMfAJaj_BZ6ycyFayTZLMJVMpyrj/view?usp=sharing">https://drive.google.com/file/d/1CGYhFMfAJaj_BZ6ycyFayTZLMJVMpyrj/view?usp=sharing</a>
4.	Atomic_Spectroscopy	G R Chatwal	<a href="https://drive.google.com/file/d/1I0sKKhGoeEhJZHankUOX0s7HTUsYkbZ3/view?usp=sharing">https://drive.google.com/file/d/1I0sKKhGoeEhJZHankUOX0s7HTUsYkbZ3/view?usp=sharing</a>
5.	Flame emission_Spectroscopy	G R Chatwal	<a href="https://drive.google.com/file/d/1mlpO_IS7gVXe2JsafIFO">https://drive.google.com/file/d/1mlpO_IS7gVXe2JsafIFO</a>



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			<a href="https://drive.google.com/file/d/10qmMGKHR24CHUpPi6znqIxbimsa0ReR/view?usp=sharing">mN-jN_ASloOL/view?usp=sharing</a>
6.	NEPHELO-TURBIDIMETRY	Skoog & Holler 6th ed.	<a href="https://drive.google.com/file/d/10qmMGKHR24CHUpPi6znqIxbimsa0ReR/view?usp=sharing">https://drive.google.com/file/d/10qmMGKHR24CHUpPi6znqIxbimsa0ReR/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1ET7kd8CdAP8feEjQk59CtChuDRl6dC9g/view?usp=sharing">https://drive.google.com/file/d/1ET7kd8CdAP8feEjQk59CtChuDRl6dC9g/view?usp=sharing</a> <a href="https://drive.google.com/file/d/18owxi_icerYMe9SW1_0C_qnLeivW6c5B/view?usp=sharing">https://drive.google.com/file/d/18owxi_icerYMe9SW1_0C_qnLeivW6c5B/view?usp=sharing</a>
<b>Chromatography</b>			
7.	Text book of quantitative chemical analysis (5th edition_ longman)	vogel's	<a href="https://drive.google.com/file/d/1Jug4SPIMFSgerD-PMz32jH6BE7O6nFF/view?usp=sharing">https://drive.google.com/file/d/1Jug4SPIMFSgerD-PMz32jH6BE7O6nFF/view?usp=sharing</a>
8.	Pharmaceutical analysis	David G watson	<a href="https://drive.google.com/file/d/18rGs1JEqcR7J8Enc5Vm8FwLiqm8U8fK8/view?usp=sharing">https://drive.google.com/file/d/18rGs1JEqcR7J8Enc5Vm8FwLiqm8U8fK8/view?usp=sharing</a>
9.	Modern practice of gas chromatography	Robert L. Grob Eugene F. Barry	<a href="https://drive.google.com/file/d/1N8UHELvDotNazEWmf0HmEGCvcAbNp-_/view?usp=sharing">https://drive.google.com/file/d/1N8UHELvDotNazEWmf0HmEGCvcAbNp-_/view?usp=sharing</a>
10.	Chromatographic Analysis of Pharmaceuticals	John a Adamovics	<a href="https://drive.google.com/file/d/1CiYqXI8fRO6ibzocnNalGLRWFpzpqc6W/view?usp=sharing">https://drive.google.com/file/d/1CiYqXI8fRO6ibzocnNalGLRWFpzpqc6W/view?usp=sharing</a>
11.	ION_EXCHANGE_CHROMATOGRAPHY	NOTE_G R Chatwal	<a href="https://drive.google.com/file/d/1uqGCAtjv7uPprIEIPEeQ2Hvco_T6BUWe/view?usp=sharing">https://drive.google.com/file/d/1uqGCAtjv7uPprIEIPEeQ2Hvco_T6BUWe/view?usp=sharing</a>



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*(add more rows if needed)*

**Supplementary Materials for Reference and Self Study:** *(add more rows if needed)*

Date	Module (as per Lesson Plan)	Topic	Live Recording Link	Power point Presentatio n Link	Supplemen tary Notes / Resources	Remarks, if any
21-07-2020	II	Introductio n, fundament al modes of vibrations in poly atomic molecules		<a href="https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing">https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing">https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1eheoYBtix062rxnsS1TTvkX8vK4BZpmC/view?usp=sharing">https://drive.google.com/file/d/1eheoYBtix062rxnsS1TTvkX8vK4BZpmC/view?usp=sharing</a> <a href="https://drive.google.com/drive/folders/1aQjppQYk6Q75rgLd2dcPEkJrtIVwGhvb?usp=sharing">https://drive.google.com/drive/folders/1aQjppQYk6Q75rgLd2dcPEkJrtIVwGhvb?usp=sharing</a> <a href="https://drive.google.com/file/d/1CGYhFMfA">https://drive.google.com/file/d/1CGYhFMfA</a>	



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23-07-2020	II	Introduction, fundamental modes of vibrations in poly atomic molecules	<a href="https://youtu.be/vh6ZAILNa7LY">https://youtu.be/vh6ZAILNa7LY</a> <a href="https://drive.google.com/file/d/1ybsdfUAAGnfsIIeI9-p75_5m1d8t7i-K/view?usp=sharing">https://drive.google.com/file/d/1ybsdfUAAGnfsIIeI9-p75_5m1d8t7i-K/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing">https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing">https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1eheoYBtix062rxnsS1TTvkX8vK4BZpmC/view?usp=sharing">https://drive.google.com/file/d/1eheoYBtix062rxnsS1TTvkX8vK4BZpmC/view?usp=sharing</a> <a href="https://drive.google.com/drive/folders/1aQjppQYk6Q75rgLd2dcPEkJrtIVwGhvb?usp=sharing">https://drive.google.com/drive/folders/1aQjppQYk6Q75rgLd2dcPEkJrtIVwGhvb?usp=sharing</a> <a href="https://drive.google.com/file/d/1CGYhFMfAJai_BZ6ycyFayTZLMJVMpyrj/view?usp=sharing">https://drive.google.com/file/d/1CGYhFMfAJai_BZ6ycyFayTZLMJVMpyrj/view?usp=sharing</a>	
28-07-2020	II	Factors	<a href="https://drive">https://drive</a>		<a href="https://drive">https://drive</a>	



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		influencing ir vibrational frequency	<a href="https://drive.google.com/file/d/1jHgyFL2SbUbj-PB8nXMbP5duCl21XrxA/view?usp=sharing">e.google.com/file/d/1jHgyFL2SbUbj-PB8nXMbP5duCl21XrxA/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing">https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing">e.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1eheoYBtix062rxnsS1TTvkX8vK4BZpmC/view?usp=sharing">https://drive.google.com/file/d/1eheoYBtix062rxnsS1TTvkX8vK4BZpmC/view?usp=sharing</a> <a href="https://drive.google.com/drive/folders/1aQjppQYk6Q75rgLd2dcPEkJrtIVwGhvb?usp=sharing">https://drive.google.com/drive/folders/1aQjppQYk6Q75rgLd2dcPEkJrtIVwGhvb?usp=sharing</a> <a href="https://drive.google.com/file/d/1CGYhFMfAJaj_BZ6ycyFayTZLMJVMpyrj/view?usp=sharing">https://drive.google.com/file/d/1CGYhFMfAJaj_BZ6ycyFayTZLMJVMpyrj/view?usp=sharing</a>	
30-07-2020	II	ir interpretati on	<a href="https://youtu.be/yHuK8zwsDSY">https://youtu.be/yHuK8zwsDSY</a> <a href="https://drive.google.com/file/d/1vGi_frqNcP">https://drive.google.com/file/d/1vGi_frqNcP</a>	<a href="https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view">https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view</a>	<a href="https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/">https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/</a>	



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04-08-2020	II	IR SAMPLING	<a href="https://youtu.be/7EACtTK7VGA">https://youtu.be/7EACtTK7VGA</a> <a href="https://drive.google.com/file/d/1Xf-F0CPMElo6a4mK6L7whqck5l2yWogn/view?usp=sharing">https://drive.google.com/file/d/1Xf-F0CPMElo6a4mK6L7whqck5l2yWogn/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing">https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing">https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1eheoYBtix0">https://drive.google.com/file/d/1eheoYBtix0</a>	



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06-08-2020	II	IR Instrumentation	<a href="https://youtu.be/MeGEURufd1g">https://youtu.be/MeGEURufd1g</a>	<a href="https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing">https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing">https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1eheoYBtix062rxnsS1T TvkX8vK4 BZpmC/view?usp=sharing">https://drive.google.com/file/d/1eheoYBtix062rxnsS1T TvkX8vK4 BZpmC/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1eheoYBtix062rxnsS1T TvkX8vK4 BZpmC/view?usp=sharing">https://drive</a>	



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13-08-2020	II	IR Instrumentation, FT-IR, ATR, MIR	<a href="https://youtu.be/i5UVgNgqpJl">https://youtu.be/i5UVgNgqpJl</a>	<a href="https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing">https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing">https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1eheoYBtix062rxnsS1TTvkX8vK4BZpmC/view?usp=sharing">https://drive.google.com/file/d/1eheoYBtix062rxnsS1TTvkX8vK4BZpmC/view?usp=sharing</a> <a href="https://drive.google.com/drive/folders/1aQjppQYk6Q75rgLd2dcPEkJrtIVwGhvb?usp=sharing">https://drive.google.com/drive/folders/1aQjppQYk6Q75rgLd2dcPEkJrtIVwGhvb?usp=sharing</a>	





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18-08-2020	II	ir structure determination	<a href="https://youtu.be/i5UVgNgqpJl">https://youtu.be/i5UVgNgqpJl</a>	<a href="https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing">https://drive.google.com/file/d/1tFeo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing">https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1eheoYBtix062rxnsS1TTvkX8vK4BZpmC/view?usp=sharing">https://drive.google.com/file/d/1eheoYBtix062rxnsS1TTvkX8vK4BZpmC/view?usp=sharing</a> <a href="https://drive.google.com/drive/folders/1aQjppQYk6Q75rgLd2dcPEkJrtIVwGhvb?usp=sharing">https://drive.google.com/drive/folders/1aQjppQYk6Q75rgLd2dcPEkJrtIVwGhvb?usp=sharing</a> <a href="https://drive.google.com/file/d/1CGYhFMfA">https://drive.google.com/file/d/1CGYhFMfA</a>	



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20-08-2020	II	Determine the structural formula of the compound	<a href="https://youtu.be/i5UVqNgqpJl">https://youtu.be/i5UVqNgqpJl</a>	<a href="https://drive.google.com/file/d/1Feo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing">https://drive.google.com/file/d/1Feo3sRYxMJo7ml9tzNbn5pFS5NiS02/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing">https://drive.google.com/file/d/1L5DG1E76BMfy3xcVQS0pBoWV9eIFUCg/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1eheoYBtix062rxnsS1TTvkX8vK4BZpmC/view?usp=sharing">https://drive.google.com/file/d/1eheoYBtix062rxnsS1TTvkX8vK4BZpmC/view?usp=sharing</a> <a href="https://drive.google.com/drive/folders/1aQjppQYk6Q75rgLd2dcPEkJrtIVwGhvb?usp=sharing">https://drive.google.com/drive/folders/1aQjppQYk6Q75rgLd2dcPEkJrtIVwGhvb?usp=sharing</a> <a href="https://drive.google.com/file/d/1CGYhFMfAJai_BZ6ycyFayTZLMJVMpyrj/view?usp=sharing">https://drive.google.com/file/d/1CGYhFMfAJai_BZ6ycyFayTZLMJVMpyrj/view?usp=sharing</a>	
25-08-2020	II	AAS	<a href="https://youtu">https://youtu</a>	<a href="https://driv">https://driv</a>	<a href="https://driv">https://driv</a>	



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			<a href="https://u.be/k8qLUbjFw64">u.be/k8qLUbjFw64</a>	<a href="https://drive.google.com/file/d/1YC8YdcB4j4ERT7rn1U0q_VvvRIvzo5rk/view?usp=sharing">e.google.com/file/d/1YC8YdcB4j4ERT7rn1U0q_VvvRIvzo5rk/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1I0sKKhGoeEhJZHankUOX0s7HTUsYkbZ3/view?usp=sharing">e.google.com/file/d/1I0sKKhGoeEhJZHankUOX0s7HTUsYkbZ3/view?usp=sharing</a>	
27-08-2020	ii	AAS	<a href="https://youtu.be/VRw8SJJUVOY">https://youtu.be/VRw8SJJUVOY</a>	<a href="https://drive.google.com/file/d/1YC8YdcB4j4ERT7rn1U0q_VvvRIvzo5rk/view?usp=sharing">https://drive.google.com/file/d/1YC8YdcB4j4ERT7rn1U0q_VvvRIvzo5rk/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1I0sKKhGoeEhJZHankUOX0s7HTUsYkbZ3/view?usp=sharing">https://drive.google.com/file/d/1I0sKKhGoeEhJZHankUOX0s7HTUsYkbZ3/view?usp=sharing</a>	
02-09-2020	ii	Flame emission Spectroscopy	<a href="https://youtu.be/tKr9WzjD0K8">https://youtu.be/tKr9WzjD0K8</a>	<a href="https://drive.google.com/file/d/1rjbi7P8GD0InmHZ7rf1VmRHstxQV4pVB/view?usp=sharing">https://drive.google.com/file/d/1rjbi7P8GD0InmHZ7rf1VmRHstxQV4pVB/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1mlpO_IS7gVXe2JsafFO">https://drive.google.com/file/d/1mlpO_IS7gVXe2JsafFO</a>	
03-09-2020	ii	Revision & NEPHELO-TURBIDIMETRY	<a href="https://youtu.be/BaUO31skLI8">https://youtu.be/BaUO31skLI8</a>	<a href="https://drive.google.com/file/d/10qmMGKH R24CHUpPi6znqIxibi msa0ReR/view?usp=sharing">https://drive.google.com/file/d/10qmMGKH R24CHUpPi6znqIxibi msa0ReR/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/10qmMGKH R24CHUpPi6znqIxibi msa0ReR/view?usp=sharing">https://drive.google.com/file/d/10qmMGKH R24CHUpPi6znqIxibi msa0ReR/view?usp=sharing</a>	
08-09-2020	ii	NEPHELO-TURBIDIMETRY	<a href="https://youtu.be/zo3rC6I8zRA">https://youtu.be/zo3rC6I8zRA</a>	<a href="https://drive.google.com/file/d/10qmMGKH R24CHUp">https://drive.google.com/file/d/10qmMGKH R24CHUp</a>	<a href="https://drive.google.com/file/d/10qmMGKH R24CHUp">https://drive.google.com/file/d/10qmMGKH R24CHUp</a>	



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				<a href="https://drive.google.com/file/d/1Mq8h66rvhgf-zKPFGXiKJC-ABWkwwQG/view?usp=sharing">Pi6znqIxibi msa0ReR/ view?usp= sharing</a>	<a href="https://drive.google.com/file/d/1Jug4SPIMFSgerD-_PMz32jH6BE7O6nFF/view?usp=sharing">Pi6znqIxibi msa0ReR/ view?usp= sharing</a>	
10-09-2020	<b>No Class</b>					
15-09-2020	IV	Gas Chromatography	<a href="https://youtu.be/uclutPS4f68">https://youtu.be/uclutPS4f68</a>	<a href="https://drive.google.com/file/d/1Mq8h66rvhgf-zKPFGXiKJC-ABWkwwQG/view?usp=sharing">https://drive.google.com/file/d/1Mq8h66rvhgf-zKPFGXiKJC-ABWkwwQG/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1Jug4SPIMFSgerD-_PMz32jH6BE7O6nFF/view?usp=sharing">https://drive.google.com/file/d/1Jug4SPIMFSgerD-_PMz32jH6BE7O6nFF/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/18rGs1JEgcR7J8Enc5Vm8FwLiqm8U8fk8/view?usp=sharing">https://drive.google.com/file/d/18rGs1JEgcR7J8Enc5Vm8FwLiqm8U8fk8/view?usp=sharing</a>
22-09-2020	IV	Gas Chromatography	<a href="https://youtu.be/p7N7nJh72VM">https://youtu.be/p7N7nJh72VM</a>	<a href="https://drive.google.com/file/d/1Mq8h66rvhgf-zKPFGXiKJC-ABWkwwQG/view?usp=sharing">https://drive.google.com/file/d/1Mq8h66rvhgf-zKPFGXiKJC-ABWkwwQG/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1Jug4SPIMFSgerD-_PMz32jH6BE7O6nFF/view?usp=sharing">https://drive.google.com/file/d/1Jug4SPIMFSgerD-_PMz32jH6BE7O6nFF/view?usp=sharing</a>	



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					<a href="https://drive.google.com/file/d/18rGs1JEgcR7J8Enc5Vm8FwLiqm8U8fK8/view?usp=sharing">https://drive.google.com/file/d/18rGs1JEgcR7J8Enc5Vm8FwLiqm8U8fK8/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1N8UHELvDotNazEWmf0HmEGCvcAbNp-/view?usp=sharing">https://drive.google.com/file/d/1N8UHELvDotNazEWmf0HmEGCvcAbNp-/view?usp=sharing</a>	
24-09-2020	IV	Gas Chromatography	<a href="https://youtu.be/cWoSU3bzszo">https://youtu.be/cWoSU3bzszo</a>	<a href="https://drive.google.com/file/d/1Mq8h66rvhqf-zKPFGXjKJC_-ABWkwwQG/view?usp=sharing">https://drive.google.com/file/d/1Mq8h66rvhqf-zKPFGXjKJC_-ABWkwwQG/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1Jug4SPIMFSgerD-PMz32jH6BE7O6nFF/view?usp=sharing">https://drive.google.com/file/d/1Jug4SPIMFSgerD-PMz32jH6BE7O6nFF/view?usp=sharing</a> <a href="https://drive.google.com/file/d/18rGs1JEgcR7J8Enc5Vm8FwLiqm8U8fK8/view?usp=sharing">https://drive.google.com/file/d/18rGs1JEgcR7J8Enc5Vm8FwLiqm8U8fK8/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1N8UHELvDotNazEWmf0HmEG">https://drive.google.com/file/d/1N8UHELvDotNazEWmf0HmEG</a>	



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					<a href="#">CvcAbNp- -/view?usp= =sharing</a>	
29-09-2020	UNIT –V	ION_EXCH ANGE_CH ROMATOG RAPHY	<a href="https://youtu.be/medp2MNTgpQ">https://youtu.be/medp2MNTgpQ</a>	<a href="https://drive.google.com/file/d/1Kw-8cACtgwbOntgz1SqJXSiGCTEUah/view?usp=sharing">https://drive.google.com/file/d/1Kw-8cACtgwbOntgz1SqJXSiGCTEUah/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1uqGCAtjv7uPprlEIPEeQ2HvcoT6BUWe/view?usp=sharing">https://drive.google.com/file/d/1uqGCAtjv7uPprlEIPEeQ2HvcoT6BUWe/view?usp=sharing</a>	
1/12/20	IV	Gas Chromatog raphy	<a href="https://youtu.be/MrK1qGba0sl">https://youtu.be/MrK1qGba0sl</a>	<a href="https://drive.google.com/file/d/1Mq8h66rvhgf-zKPFGXiKJC_-ABWkwwQG/view?usp=sharing">https://drive.google.com/file/d/1Mq8h66rvhgf-zKPFGXiKJC_-ABWkwwQG/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1Jug4SPIMFSgerD-PMz32jH6BE7O6nFF/view?usp=sharing">https://drive.google.com/file/d/1Jug4SPIMFSgerD-PMz32jH6BE7O6nFF/view?usp=sharing</a> <a href="https://drive.google.com/file/d/18rGs1JEqcR7J8Enc5Vm8FwLiqm8U8fk8/view?usp=sharing">https://drive.google.com/file/d/18rGs1JEqcR7J8Enc5Vm8FwLiqm8U8fk8/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1N8UHELvDotNazEWmf0HmEGCvcAbNp-&lt;br/&gt;-/view?usp=&lt;br/&gt;=sharing">https://drive.google.com/file/d/1N8UHELvDotNazEWmf0HmEGCvcAbNp- -/view?usp= =sharing</a>	
3/12/20	IV	Gas Chromatog	<a href="https://youtu.be/zikLA">https://youtu.be/zikLA</a>	<a href="https://drive.google.c">https://drive.google.c</a>	<a href="https://drive.google.c">https://drive.google.c</a>	



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		raphy	<a href="#">Zy1DcY</a>	<a href="#">om/file/d/1Mq8h66rvhgf-zKPFGXiKJC -ABWkwwQG/view?usp=sharing</a>	<a href="#">om/file/d/1Jug4SPIMFSgerD- PMz32jH6BE7O6nFF/view?usp=sharing</a> <a href="#">https://drive.google.com/file/d/18rGs1JEgcR7J8Enc5Vm8FwLiqm8U8fK8/view?usp=sharing</a> <a href="#">https://drive.google.com/file/d/1N8UHELvDotNazEWmf0HmEGCvcAbNp_-/view?usp=sharing</a>	
8/12/20	UNIT –V	Affinity chromatography	<a href="https://youtu.be/pM0EemWqsg">https://youtu.be/pM0EemWqsg</a>	<a href="https://drive.google.com/file/d/1fQwBHf2nM5SzDc7-6J3uzGKJYZ7plLum/view?usp=sharing">https://drive.google.com/file/d/1fQwBHf2nM5SzDc7-6J3uzGKJYZ7plLum/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1fQwBHf2nM5SzDc7-6J3uzGKJYZ7plLum/view?usp=sharing">https://drive.google.com/file/d/1fQwBHf2nM5SzDc7-6J3uzGKJYZ7plLum/view?usp=sharing</a>	
10/12/20	UNIT –V	Ion exchange chromatography	<a href="https://youtu.be/yX7ohgN5uik">https://youtu.be/yX7ohgN5uik</a>	<a href="https://drive.google.com/file/d/1lKw-_8cACtgwbOntgz1SqJXSiGC TEUah/view?usp=sharing">https://drive.google.com/file/d/1lKw-_8cACtgwbOntgz1SqJXSiGC TEUah/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1lKw-_8cACtgwbOntgz1SqJXSiGC TEUah/view?usp=sharing">https://drive.google.com/file/d/1lKw-_8cACtgwbOntgz1SqJXSiGC TEUah/view?usp=sharing</a>	



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				ring	ring	
15/12/20	UNIT –I	Woodward fieser rule (UV VISIBLE SPECTROSCOPY)	<a href="https://youtu.be/kdvotl_2k7A">https://youtu.be/kdvotl_2k7A</a>	<a href="https://drive.google.com/file/d/12orG7ZDABWd9TJZObfmC4v29gDXLnXu/view?usp=sharing">https://drive.google.com/file/d/12orG7ZDABWd9TJZObfmC4v29gDXLnXu/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/12orG7ZDABWd9TJZObfmC4v29gDXLnXu/view?usp=sharing">https://drive.google.com/file/d/12orG7ZDABWd9TJZObfmC4v29gDXLnXu/view?usp=sharing</a>	
17/12/20	UNIT –I	Woodward fieser rule (UV VISIBLE SPECTROSCOPY)	<a href="https://youtu.be/jY9ef7L5tzY">https://youtu.be/jY9ef7L5tzY</a>	<a href="https://drive.google.com/file/d/12orG7ZDABWd9TJZObfmC4v29gDXLnXu/view?usp=sharing">https://drive.google.com/file/d/12orG7ZDABWd9TJZObfmC4v29gDXLnXu/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/12orG7ZDABWd9TJZObfmC4v29gDXLnXu/view?usp=sharing">https://drive.google.com/file/d/12orG7ZDABWd9TJZObfmC4v29gDXLnXu/view?usp=sharing</a>	
21/1/21	QUESTIONS ANSWER		<a href="https://youtu.be/-ccGriMqLmo">https://youtu.be/-ccGriMqLmo</a>	<a href="https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing">https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing">https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing</a>	
28/1/21	<b>CLASS SUSPENDED</b>					
2/2/21	QUESTIONS ANSWER		<a href="https://youtu.be/8WjtP2U_G0Y">https://youtu.be/8WjtP2U_G0Y</a>	<a href="https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing">https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing">https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing</a>	





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			<a href="#">ng</a>	<a href="#">ng</a>	
4/2/21	QUESTIONS ANSWER	<a href="https://youtu.be/CpvnWUvAkyE">https://youtu.be/CpvnWUvAkyE</a>	<a href="https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing">https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing">https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing</a>	
9/2/21	QUESTIONS ANSWER	<a href="https://youtu.be/m_Elis7g1k">https://youtu.be/m_Elis7g1k</a>	<a href="https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing">https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing">https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing</a>	
11/2/21	<b>CLASS SUSPENDED</b>				
18/2/21	QUESTIONS ANSWER	<a href="https://youtu.be/6OjA2l7pDBo">https://youtu.be/6OjA2l7pDBo</a>	<a href="https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing">https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing">https://drive.google.com/file/d/1j0vnISGxFKZV2I68hIXbGekxrbV2iBHN/view?usp=sharing</a>	