



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

TEMPLATE FOR VIDEO & SUPPLEMENTARY MATERIAL POSTING

FACULTY: Soumya Mitra

PROGRAM: B. PHARM

Course Code:

PT 512

Course Name:

Pharmacognosy & Phytochemistry II Theory

Suggested Books for the Course (with links):

Sl. No.	Book Name, Ed., Vol	Authors	Weblink(s)
1.	Natural Products: A biosynthetic approach	Paul M. Dewick	PDF
2.	Trease & Evans Pharmacognosy	W.C. Evans	PDF
3.			

(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	Powerpoint Presentation Link	Supplementary Notes / Resources	Remarks, if any
1/12/20	1	General idea	https://youtu	_____		_____



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		about Biosynthesis	u.be/MGv_MJoyx7s			
2/12/20	1,2	Acetate mevalonate pathway and Steroidal biosynthesis	https://youtu.be/ed-omGSTRJc	Acetate mevalonate pathway		_____
3/12/20	1,2	Digitalis and steroidal biosynthesis by Acetate mevalonate pathway	https://youtu.be/LK1n6SrWu3w	Biosynthesis of Digitalis glycosides		_____
8/12/20	1	Acetate mevalonate pathway and its application in biosynthesis of steroids and terpenoids	https://youtu.be/1PpwkeKuuZc	Steroids Terpenoids		_____
9/12/20	1	Shikimic acid pathway	https://youtu.be/x7atASYvUXQ	Shikimic acid pathway		_____
12/12/20	2	Vinca and related alkaloids	https://youtu.be/c2W9eC-whnM	ALKALOIDS		Paul M. Dewick Page 350-359
15/12/20	2	Rauwolfia and related alkaloids	https://youtu.be/eM9HZPL-60A	ALKALOIDS		Paul M. Dewick Page 350-359
16/12/20	2	Opium and related alkaloids	https://youtu.be/jjgbLABQhh8	ALKALOIDS		Paul M. Dewick Page 327-341
19/12/20	2	Belladonna and related alkaloids	https://youtu.be/yXX86R_1zjo	ALKALOIDS		Paul M. Dewick Page 292-304
13/01/21	3	Menthol, Citral	https://www	Isolation.		_____



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			w.youtube.com/watch?v=sAPdfeX8vOc&feature=youtu.be	Identification and Analysis		
19/01/21	3	Artemisin, Glycyrrhetic acid, Rutin	https://www.youtube.com/watch?v=REPEAOIQfu8&feature=youtu.be	Isolation, Identification and Analysis		_____
21/01/21	3	Atropine, Quinine, Reserpine	https://www.youtube.com/watch?v=qqfrr0Z78a4&feature=youtu.be	Isolation, Identification and Analysis		_____
29/01/21	3	Caffeine, Podophyllotoxin, Curcumin	https://youtu.be/6MmKE8Mns04	Isolation, Identification and Analysis		_____
10/02/21	2	Iridoids, Naphthaquinones, Terpenoids	https://www.youtube.com/watch?v=JYXsPpMdIGQ&feature=youtu.be	Iridoids, Naphthaquinones, Terpenoid		_____
23/02/21	2	Gentian, Taxus, Artemisia, Carotenoids	https://www.youtube.com/watch?v=Rb5ZFXnWMO0&feature=youtu.be	Iridoids, Carotenoids	Carotenoids	



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_____	_____	Question bank	_____	_____	_____	_____
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					_____	_____
					_____	_____