

E-Content Utilize for Practical demonstration

S.No.	Title of Experiment	Link
Medicinal Chemistry		
1	Preparation of Benzoyl Glycine (Hippuric Acid) from Glycine.	https://www.youtube.com/watch?v=Qiqp1pOWXDY
2	Preparation of 4-Benzylidene-2-phenyl oxazole-5-one from benzoyl Glycine	https://www.youtube.com/watch?v=Ik0B2OmGdV0
3	Preparation of Benzimidazole from o-Phenylenediamine	https://www.youtube.com/watch?v=PuFG2n05YcA

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4	Preparation of Benzotriazole from o-Phenylenediamine	https://www.youtube.com/watch?v=7kCwlVR9Md8&pp=0gcJCQMKAYcqIYzv
5	"Synthesis of Benzocaine from p-Aminobenzoic Acid	https://www.youtube.com/watch?v=Tfr42hw5acc&pp=0gcJCQMKAYcqIYzv
6	"Synthesis of 1-Phenylazo-2-Naphthol from Aniline"	https://www.youtube.com/watch?v=ibQ3nZTTM48
7	" Synthesis of Benzil from Benzoin "	https://www.youtube.com/watch?v=94Vv26h-A7c
Pharmacology		

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7	Study of muscle relaxant activity with the help of "rota rod apparatus"	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3
8	Study of cns depressents & stimulants using "actophotometer"	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=4
9	Study of analgesic activity with the help of "tail flick apparatus"	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=6
10	Effect of different drugs on frogs heart.	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=20
11	To study PTZ induced convulsions in mice.	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=15

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12	To study analgesic activity by writhing test.	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=14
13	Experiment on effects of various drugs on rabbits eye.	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=13
14	Study of anticonvulsant activity using "electro convulsimeter".	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=12
15	Study of drugs acting on cns using "elevated plus maze".	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=10
16	Study of analgesic activity with the help of "hot plate apparatus".	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=8

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17	Study of diuretic activity using metabolic cage.	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3003
18	Study of anti-inflammatory activity using carrageenan induced paw oedema method.	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3004
19	Rabbit pyrogen test.	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3008
20	4 Modules - Effects of drugs on the dog BP and heart rate.	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3009
21	Effects of drugs on the ciliary motility of frog oesophagus (gastro intestinal	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3010

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	tract).	
22	Study of anti ulcer activity - using pylorus ligation method.	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3011
23	Study of stereotype and anti-catatonic activity of drugs on mice.	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3012
24	Evaluation of effect of acetylcholine (spasmogens) using rabbit jejunum.	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3013
25	Evaluation of anti psychotic drugs using cooks pole climbing	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3014

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	apparatus.	
26	Evaluation of sedative drugs using cooks pole climbing apparatus.	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3015
27	Acute skin irritation test (draize test).	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3016
28	Acute eye irritation test (draize test).	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3018
29	Effect of saline purgatives on frog intestine.	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3019
30	4 Modules - Amphibian nerve muscle	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3020

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	experiments	
31	Study of effect of hepatic microsomal enzyme inducer on the phenobarbitone sleeping time in mice.	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3025
32	Determination of pA ₂ value of prazosin using rat anococcygeus muscle (by schilds plot method).	https://heb-nic.net.in/Ex-Pharm/frog.php?cat=3027