



## DEPARTMENT SCHOOL OF PHARMACY

### NOTICE

**No: AJU/SOHAS/128/24**


**Date 25.06.2024**

It is hereby notified that all the students of **B. Pharm 5<sup>th</sup> semester** (2022 admission Batch) need to submit their assignments and seminars both hard copy and soft copy as per the schedule follows. Concerned faculties are responsible to avail the evaluated soft copy with ERP. Find the topics of field visit and assignment attached to the circular. The students should submit the **assignment 1 and 2 by 31<sup>st</sup> August 2024 and 16<sup>th</sup> October 2024** respectively. The evaluated **seminar reports** need to be submitted by the students to the concerned teachers by **30<sup>th</sup> October 2024**.

SUBJECT B. PHARM 5TH SEMESTER	ASSIGNMENTS 1 ON B. PHARM 5TH SEMESTER	ASSIGNMENTS 2 5TH SEMESTER	SEMINARS ON B. PHARM 5TH SEMESTER
Medicinal Chemistry II	What are Antihistaminic agents? Classify the Antihistaminic agents with examples and outline the synthesis of Promethazine hydrochloride	What are local anaesthetics? Classify local anaesthetics with examples and write its SAR	<b>Group A-</b> Anti- angina agents
			<b>Group B-</b> Anti- diabetic agents
			<b>Group C –</b> Anti- hypertensive agents
			<b>Group D –</b> Anti- neoplastic agents
Industrial Pharmacy I	Wet granulation method	Evaluation of pharmaceutical aerosols	<b>Group A-</b> Physical properties of drug for preformulation studies
			<b>Group B-</b> Tablet coating polymers
			<b>Group C –</b> Preparation of hard gelatin capsule shells
			<b>Group D –</b> Containers and valve assembly for aerosols
Pharmacology II	Write assignment on classification of antihypertensive drugs. Write MOA, adverse effects and contraindications on any one class.	Write assignment on principles, applications and types of bioassay. Describe bioassay of Insulin.	<b>Group A-</b> Oral hypoglycemic agents
			<b>Group B-</b> Non steroidal anti-inflammatory drugs
			<b>Group C –</b> Thyroid hormones-analogues and their inhibitors
			<b>Group D –</b> Anti-



			hyperlipidemic drugs
Pharmacognosy II	Formation of different secondary metabolites through Shikimic acid pathways, Acetate pathways.	Isolation, identification and analysis of Quinine, Curcumin	<b>Group A</b> - Modern method of Extraction
			<b>Group B</b> - Application of latest techniques like spectroscopy in isolation, purification and identification of crude drugs
			<b>Group C</b> – Application of latest techniques like chromatography in isolation, purification and identification of crude drugs
			<b>Group D</b> – Application of latest techniques like Electrophoresis in isolation, purification and identification of crude drugs
Pharmaceutical Jurisprudence	Medical termination of Pregnancy Act	Introduction to Intellectual Property Rights	<b>Group A</b> - Narcotic Drugs and Psychotropic substances Act- 1985 and Rules
			<b>Group B</b> - Pharmaceutical Legislations
			<b>Group C</b> - Right to Information Act
			<b>Group D</b> - Code of Pharmaceutical ethics

  
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