

<b>Number</b>	<b>Title of lecture</b>	<b>Hours</b>
1	Pharmacology: General concepts	2
2	Pharmacokinetics and pharmacodynamics	2
3	Autonomic nervous system from a pharmacological perspective (including cholinergic agonist and antagonist)	2
4	Adrenergic agonists	2
5	Adrenergic antagonists	1
6	Antihypertensive drugs	2
7	Management of angina and heart failure	2
8	Management of arrhythmia	2
9	Anticoagulants, antiplatelet and anti-hyperlipidemic drugs	2
10	Local Hemostatic Agents in Dentistry	1
11	Introduction the pharmacology of CNS drugs, sedative, hypnotics and antiseizures drugs	2
12	Antipsychotic and antidepressant drugs	2
13	Local and general anaesthetics	2
14	Drug of abuse and opioid analgesics	2
15	Managements of diabetes mellitus	2
16	Drugs affecting GIT	2
17	(Drugs acting on respiratory system (antihistamines and corticosteroids	3
18	Non-steroidal anti-inflammatory drugs (NSAIDs) part 1	2
19	Non-steroidal anti-inflammatory drugs (NSAIDs) part2 and Steroids in Dentistry	2
20	(Chemotherapeutic drugs (Principles of antimicrobial therapy	2
21	(Cell wall inhibitors (part 1	2
22	(Cell wall inhibitors (part 2	2
23	Protein synthesis inhibitors	2
24	Quinolones, Folic acid antagonists and antimycobacterial	3

25	Antifungal, antiviral and antiprotozoal drugs	2
26	Sex hormone and contraceptive	2
27	Thyroid hormones and anti-thyroid drugs	2
28	Anticancer drugs	1
29	Dental Pharmacology: drugs and chemicals used in dental clini	1
30	Anticaries and drugs used in prevention of dental plaque	2
31	Essential emergency drugs in dental clinic	2

### *Laboratory sessions*

Lab number	Study unit title	Hours
1	Introduction and animal (e.g rabbits) handling	2
2	Routes of drug administration (Part 1)	2
3	Routes of drug administration (Part 2)	2
4	Clinical parameters in drug pharmacokinetics (Part 1)	2
5	Clinical parameters in drug pharmacokinetics (Part 2)	2
6	Demonstration of common dosage forms used in clinical practice (Part 1)	2
7	Demonstration of common dosage forms used in dentistry (Part 2)	2
8	Cholinergic agonists and antagonists (Physostigmine Vs Curare)	2
9	Effects of Drugs on Human Blood Pressure (Part 1-B-Blockers)	2
10	Effects of Drugs on Human Blood Pressure (Part 2) (Nitrates Effect on Human Volunteers)	2
11	Effects of Drugs on The Arterial Blood Pressure Of Human (Part-3)	2
12	The effects of drugs and light on human eyes	2
13	The effects of drugs and light on human eyes	2
14	Effects of parasympathomimetic drugs on glandular secretions	2
15	The response of human skin to histamine and adrenaline	2
16	The response of human skin to histamine and adrenaline	2
17	Evaluation of Analgesics	2
18	Evaluation of analgesics (Opioids)	2
19	Evaluation of Anti-inflammatory Drugs	2
20	Evaluation of Anti-inflammatory Drugs	2
21	Local Anaesthesia	2
22	General Anaesthesia	2
23	General Anaesthesia	2
24	Prescription writing	2
25	Prescription writing	2
26	Prescription writing	2
27	Oral conditions and their treatment	2
28	Orodental preparation (part 1)	2
29	Orodental preparation (Part 2)	2
30	Dental health and endocarditis prevention	2
<b>Total</b>		<b>60</b>