

Academic Activities

Department: Pharmacology & Therapeutics



Mission

- Provide *“Basic Pharmacology knowledge to medical students”* for safe, effective and rational use of medicines ensuring evidence-based prescribing to improve patient care and public health.
- Supports research and innovation to discover and develop new drugs for existing and emerging diseases.

Vision

- The vision is to create a future where healthcare is guided by precise, personalized and innovative pharmacological approaches.
- To produce competent physicians and researchers who can integrate pharmacological knowledge into clinical practice, contribute to drug development, and promote the rational use of medicines globally.

Departmental Objectives

Make students prepare for exam and competent to-

- describe the pharmacological effects, mechanisms of action, pharmacokinetic characteristics and adverse drug reactions in order to be able to prescribe safely and effectively
- understand the principles of rational prescribing

Objectives

Continue...

- recognize, manage and report the adverse drug reactions (ADRs) and drug interactions
- state the Essential Drug List and principles underlying the “Concept of Essential Drugs”
- recognize the implications of poly pharmacy and other means of irrational prescribing.

Departmental Organogram

Post Name	Sanctioned	Vacant
Professor	1	0
Associate Professor	2	0
Assistant Professor	2	0
Lecturer	8	0
Medical Officer	1	0
Pharmacist (Graduate)	1	1
Pharmacist	1	0
Lab Technologist	1	1
Office Assistant	3	0

Faculty Members

Name	Designation	Post graduate qualification	Number of publications
Prof. Dr. Andalib Mustafa Iqbal Ira	Professor & Head of the Department	M. Phil Pharmacology	12
Dr. Rumana Afroz	Associate Professor	M. Phil Pharmacology	10
Dr. Mahabuba Jahan Lotus	Associate Professor	M. Phil Pharmacology	9
Dr. A F Mohammed Shafiqul Alam	Associate Professor	M. Phil Pharmacology	10
Dr. Mst. Shahin Sultana	Assistant Professor	M. Phil Pharmacology	6
Dr. Md. Shefat Jahan Shoshi	Assistant Professor	M. Phil Pharmacology	6

Lecturer and Medical Officers

- Dr. Sheikh Md. Humayun Kabir
- Dr. Kamrun Nahar Islam
- Dr. Afsana Naznin
- Dr. Ripa Biswas
- Dr. Masuma Tabassum
- Dr. Rifah Rawnak Azad
- Dr. Shawsun Tamanna Chowdhury
- Dr. Noushin Laila
- Dr. Md Delowar Hossain
- Dr. Neeloy Jyotee Mushtaq
- Dr. Nargis Akter
- Dr. Sabrin Jahan Jessy

Office Employee's Information

Sl.	Name	Designation	Degree	Mobile
01	Abdullah Al Mamun	Pharmacists	Diploma Pharmacists, MA.	01713579345
02	Md. Melon Mashud	Office Assistant	Graduate	01923413907
03	Md. Mokbul Hossain	Office Assistant	Class Eight	01868614864



Common Information and Activities of MBBS course

- **Total duration** : 12 months including all exams, integrated teaching and generic topics
- **Assessment**: In-course (Item/Term) and End-course (Professional)
- **Formative assessment**: term results & class attendance

Time allocation in different terms

	Term I	Term II	Total teaching hours
Lectures	50 hrs	50 hrs	100 hrs
Practicals and demonstration	30 hrs	20 hrs	50 hrs
Tutorials	20 hrs	10 hrs	30 hrs
Clinical case report , assignment & presentation		15 hrs	15 hrs
Total	100 hrs	95 hrs	195 hrs
Integrated teaching	17 hrs		

Academic Calendar for Pharmacology

		1st Term	E	2rd Term	E		
Teaching /Learning Method	Teaching hours	16 working weeks	v	16 working weeks	v	Prepara tory leave for summa tive examin ation	Summa tive examin ation
Lecture	100 hrs	General pharmacology- 15 hrs, ANS & Respiratory-10 hrs, Renal & CVS-08 hrs,	a	CNS -15 hrs, Autacoids, Anti-inflammatory drugs-06 hrs, Chemotherapeutic s- 25 hrs,	a		
Practical and demonstration	50 hrs	Hemopoietics- 06 hrs, Endocrine-06 hrs,	t	Clinical pharmacology-04 hrs	t		
Tutorial	30 hrs	Gastrointestinal-05 hrs.	i		i		
Clinical case report, assignment & presentation	15 hrs		o		o	10 days	30 days
			n		n		
			3		3		
			w		w		
			e		e		
			e		e		
			k		k		
			s		s		

Teaching/learning methods, teaching aids and evaluation

Teaching Methods			Teaching aids	In course evaluation
Large group teaching	Small group teaching	Self-learning		
Lecture Integrated teaching	Tutorial Practical Demonstration	Assignment Self -study	Computer, Multimedia & other IT materials <ul style="list-style-type: none"> • White board & markers • Slide projector • Specimens • Projector • Study guide & manuals. • Practical note book 	Item examination(oral/ written) <ul style="list-style-type: none"> • Practical item Examination(Oral & practical) <ul style="list-style-type: none"> • Term Examination (Written, oral & practical) • Assignment

Contents of Pharmacology & Therapeutics (Phase-2)

Subjects	Term I	Term II
<i>Pharmacology and Therapeutics</i>	General pharmacology, ANS, Respiratory, Renal, CVS, GIT, Endocrine	CNS, Autacoids, Anti-inflammatory drugs, Chemotherapeutics, Clinical pharmacology
Generic topics	(i) Communication skill, (ii) Doctor–patient relationship (DPR) (iii) Physicians’/bedside manner, etiquette and rapport building with patients	
Integrated teaching	5. Poisoning 6. Substance abuse	7. Pulmonary TB 8. Malaria

Departmental Schedule

Activity	Day	Time & Duration
Lecture Class (Undergraduate)	Saturday, Sunday, Monday Wednesday, & Thursday	11:20 to 12:10
Tutorial Class (Undergraduate)	Every working day	12:20 to 2:20
Lecture Class (Postgraduate)	Every working day	9:00 to 11:00
Tutorial Class (Postgraduate)	Every working day	11:30 to 2:00
Practical Class	Every working day	12:20 to 2:20
Journal Club	Wednesday	10:00 to 11:00

Lecture Session



Tutorial session



Oral Examination



Practical & OSPE Examination



Departmental Facilities

Facilities	Number
Teacher's room	9
Tutorial room	3
Laboratory room	1
Animal house	1
Office room	1
Departmental Library	1

Laboratory



Animal House



Practical Book

EXPERIMENTAL PHARMACOLOGY

Student's Reports

on

PHARMACOLOGY

PRACTICALS/DEMONSTRATIONS/ASSIGNMENTS

Clinical Case Report

7/13/2025

IMG-20250713-WA0000.jpg

DEPARTMENT OF PHARMACOLOGY & THERAPEUTICS

DHAKA MEDICAL COLLEGE, DHAKA



CLINICAL PHARMACOLOGY CASE REPORTS

SECOND PROFESSIONAL EXAMINATION
NOVEMBER 2025

NAME: Mst. Mehasun Nesa Ruku
BATCH: K-80
CLASS ROLL NO.: 132
EXAM ROLL NO.:
REGISTRATION NO.:
SESSION: 2022-23

<https://mail.google.com/mail/u/0/#inbox?grc.JHsHpCrIRBGKWFpDn/gLrCtBY?projector=1&messagePartId=0,1>

1/1

2

Index:

Case No	Name of the case
01	Peptic ulcer disease
02	Acute exacerbation of bronchial asthma
03	Type II Diabetes Mellitus
04	Iron deficiency anaemia
05	Moderate Hypertension

Students In-Course Evaluation Cards

- ITEM CARD

- TERM- 1

- TERM - 2

TERM I

SL No	Title and contents	Marks	Initial of teacher
	TERM I		
01.	General Pharmacology <ul style="list-style-type: none">• Introduction to Pharmacology and its branches• Important definitions• Sources of Drug, Nomenclature and Dosage Formulation• Drug compendia (BNF, BDNF)• Routes of Drug Administration		
02.	Pharmakokinetics <ul style="list-style-type: none">• Absorption, Bio-availability and drug distribution• Biotransformation and Excretion		
03.	Pharmacodynamics <ul style="list-style-type: none">• Mechanism of Drug Action• Enzyme mediated drug action		
04.	Quantitative aspects of drug action <ul style="list-style-type: none">• Dose response relationship and curve• Therapeutic Index and Window• Drug Antagonism• Adverse drug reaction (ADR)		
05.	Drug interaction at different level		
06.	Drug safety and Pharmacovigilance		
07.	Autonomic Pharmacology <ul style="list-style-type: none">• Cholinergic agonists and antagonists• Adrenergic agonists and antagonists• Drugs used in Glaucoma• Drugs used in different types of Shock• Respiratory Pharmacology		
08.	Diuretics and Drugs used in Hypertension		
09.	Antianginal, Antiarrhythmic, Antiplatelet, Anticoagulant, Fibrinolytic, lipid regulating drugs Drugs used in heart failure		
10.	Hematinics		
11.	Drugs used in Diabetes Mellitus Steroidal agents Drugs for hypothyroidism and Anti-thyroid Drugs Hormonal Contraceptives Drugs acting on Uterus and HRT		
12.	Gastrointestinal Pharmacology <ul style="list-style-type: none">• Drugs used in PUD• Antidiarrhoeal agents• Laxatives and purgatives• Drugs used in IBD• Anti-emetic and prokinetic drugs		
FIRST TERM EXAMINATION			

TERM II

01.	Central Nervous System <ul style="list-style-type: none"> • Drugs used in anxiety and sleep disorder: • Benzodiazepines and Non-Benzodiazepines • Antipsychotic, Antidepressant, Antiparkinsonian and Anticonvulsant drugs • Opioid Analgesics, Anesthetics, Skeletal muscle relaxants • Drug dependence, Tolerance, Addiction & Tachyphylaxis 		
02.	Autacoids <ul style="list-style-type: none"> • Eicosanoids • Prostaglandin analogues • Antihistamines • Serotonin agonist and antagonists • Drugs used for Migraine 		
03.	NSAIDs		
04.	General aspects of chemotherapy <ul style="list-style-type: none"> • Principles of AMA • Hazards of AMA, Superinfection, Masking of Infections & PAE • Chemoprophylaxis 		
05.	Cell wall synthesis inhibitors <ul style="list-style-type: none"> • Penicillin, Cephalosporin, other β-lactams • Non β lactam antimicrobials 		
06.	Protein Synthesis Inhibitors <ul style="list-style-type: none"> • Aminoglycosides • Tetracyclines • Macrolides • Chloramphenicol • Newer Protein synthesis inhibitors 		
07.	Sulfonamides & Cotrimoxazole <ul style="list-style-type: none"> • Sulfonamides combinations, Topical uses • Cotrimoxazole 		
07.	Quinolones & Fluoroquinolones		
08.	Drugs used in Tuberculosis, Leprosy, Malaria, Kala-azar, Amebiasis (Also other uses of Metronidazole), Filariasis and Helminthiasis		
09.	Antifungal, Antiviral, Anti-scabies and Cancer Chemotherapy		
10.	Clinical Pharmacology <ul style="list-style-type: none"> • Essential drug concept • Rational prescribing • "P" drug concept • Drug selection for some special clinical conditions • Antimicrobial resistance 		
SECOND TERM EXAMINATION			

BMDC Curriculum Distribution among Teachers



Presentation on Curriculum and Operation Manual



Board-B

Roll No	Central nervous	Antimicrobials Anticancer	Gastrointestinal Respiratory	Autacoids Clinical	Total marks
	(3 x 5 = 15)	(3 x 5 = 15)	(2 x 5 = 10)	(2 x 5 = 10)	50

Total number of SOE questions in Board-B: 10

Signature

Sujit@2024

Journal Club Presentation



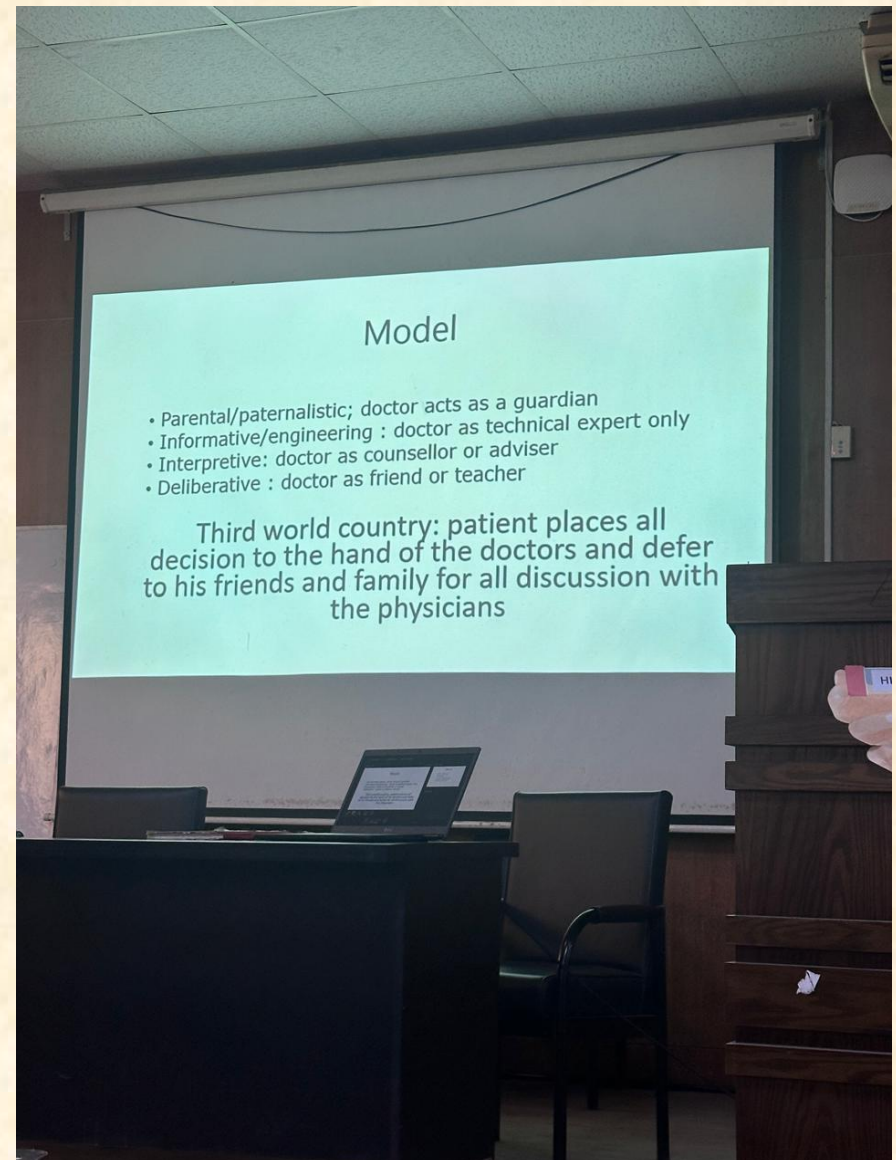
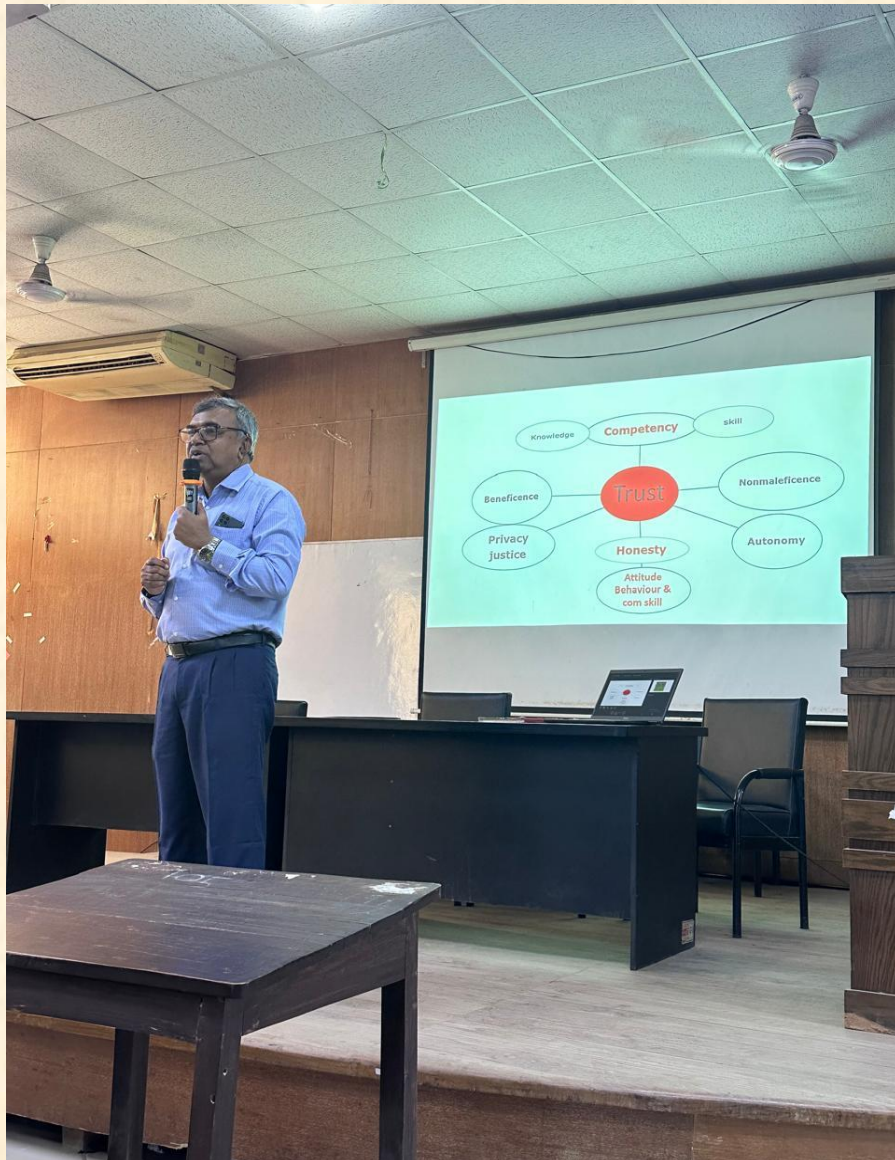
Presentation on QAS



Integrated Teaching Session



Generic Topics Presentation



**Department of Pharmacology,
Dhaka Medical College**
List of publications by faculty members in the last 3 years

Faculty	Title	Primary Author	Co-authors	Name of Journal	Month/Year	Volume	Issue
Dr Rumana Afroz	1.Nephroprotective Activity Of Aqueous Extract Of Carica Papaya Seeds in Carbon Tetrachloride induced Nephrotoxic Rats	Dr Mst. Shahin Sultana	Rekha Rani Saha, Sheikh Nazrul Islam, Tasnin Afrin, Mahbuba Jahan Lotus	Ibrahim Cardiac Medical Journal	April/2022	12	1
Dr Mahbuba Jahan Lotus	1. Nephroprotective Activity Of Aqueous Extract Of Carica Papaya Seeds in Carbon Tetrachloride induced Nephrotoxic Rats	Dr Mst Shahin Sultana	Rekha Rani Saha, Sheikh Nazrul Islam, Tasin Afrin, Ruman a Afroz	Ibrahim Cardiac Medical Journal	April/2022	12	1
Dr Mst. Shahin Sultana	1.Nephroprotective Activity Of Aqueous Extract Of Carica Papaya Seeds in Carbon Tetrachloride induced Nephrotoxic Rats	Dr Mst Shahin Sultana	Rekha Rani Saha, Sheikh Nazrul Islam, Tasin Afrin, Ruman a Afroz, Mahbu ba jahan Lotus	Ibrahim Cardiac Medical Journal	April/2022	12	1
Dr. Masuma Tabassum	1.Potential of Astaxanthin in the Treatment of Knee Osteoarthritis: A Randomized, Double-Blind, Placebo-Controlled Trial	Masuma Tabassum	Md. Sayedur Rahman, Syed Mozaffar Ahmed, Iftekhar Hossain Chowdhury, Nazmul Huda SM, Shahrin Sultana, Shirin Aktar, Muhammad Marnush, Md. Abdul Jalil	Journal of Orthopedics and Sports Medicine	2025/ January	7	1
	1.Mirtazapine versus megestrol acetate in treatment of anorexia-cachexia in advanced	Iftekhar Hossain Chowdhury	Md Sayedur Rahman, Md Najmul Kabir Chowdhury, Yeasmin	Japanese Journal of Clinical Oncology	2024/ May	54	5

**Department of Pharmacology,
Dhaka Medical College
List of publications by faculty members in the last 3 years**

	cancer patients: a randomized, double-blind trial		Jahan Afroze, Masuma Tabassum, Muhammad Marnush, Nusrat Zerir				
	1.Association between Free Tri-iodothyronine Level and In-Hospital Outcome in Patients with Acute ST-Elevation Myocardial Infarction Treated with Streptokinase Therapy	SM Nazmul Huda	AK Choudhury, PK Karmakar, B Mondal, S Ahmed, SC Datta, A Rahman, DD Debnath, MS Aktar, M Tabassum	Mymensingh medical journal	2025/ January	34	1
	1.Association of free Tri-iodothyronine Level with Cardiogenic Shock and Prognosis in Patients Hospitalized with Acute STElevation Myocardial Infarction Treated with Streptokinase Therapy	SM Nazmul Huda	Amal Kumar Choudhury, Jafrin Jahan, Masuma Tabassum, Atikur Rahman, Deb Dulal Debnath	Bangladesh Heart Journal	2023/ July	38	1
Dr. Nargis Akter	1.Antibacterial Effects of Chloroform Henna (Lowsonia inermis) Leaf Extracts against Two Nosocomial Infections Causing Pathogens: Gram Positive Staphylococcus aureus and Gram Negative Klebsiella pneumonia: A Comparative Study	Dr. Khatun E Zannat	Saha SK, Tanzim SM, Afrin A, Saha BC, Joynal JB, Aktar M , Nira NH, Akter N, Hossain MA	Mymensingh Med Journal	July/2023	32	3
	2. Antibacterial Effects of Methanol Henna (Lowsonia inermis) Leaf Extracts against Two Food Borne Infection Causing Pathogens: Gram -Positive Staphylococcus aureus	Dr. Khatun E Zannat	Tanzim SM, Afrin A, Akter N, Mostaqim MS, Joynal JB, Ferdausee M, Saha BC , Nira NH.	Mymensingh Med Journal	October/ 2023	32	4

**Department of Pharmacology,
Dhaka Medical College**
List of publications by faculty members in the last 3 years

	and Gram Negative Klebsiella pneumonia						
	3. Serum Anti-SARS CoV-2 IgG in Chronic Hepatitis B Virus Positive Patients	Dr. Mahadi Hasan Mazumder	Ifat Ara Begum, Mohammad Nurul Alam, Mohammed Khaled Mosharraf Hossain, Masrufa Gulshan, Nargis Akter, Sahidullah Kaisar	Journal of Comilla Medical College Teachers Association	January/2024	28	1
	4. Efficacy of Topiramate Over Nortriptyline as Monotherapy-Migraine Prophylaxis	Dr. Nargis Akter	Ahmed Imran, Khatun-E-Zannat, Rozina Afroz, Sk Humayun Kabir, Shahina Parvin, Ishrat Jahan Shammy, Md Mahbubur Rahman, Ripa Biswas, Tania Alam.	The Planet	February/2024	7	1
	5. Comparative Study of Flunarizine Versus Propranolol in the Prophylaxis of Migraine	Dr. Moham mad Shamch ul Alam	A.N.M. Manzurul Kader Chowdhury, Sanjida Mamun, Touhidur Rahman, Shemanta Waddadar, Priyatosh	Chattagram Maa –O- Shishu Hospital Medical College	February/2024	23	2

**Department of Pharmacology,
Dhaka Medical College**
List of publications by faculty members in the last 3 years

			Das, Md. Ashrafuzzaman Khan, Nargis Akter, Muhammad Tayeb, Md. Hasannuzama				
	6. Treatment Outcomes of Dipeptidyl Peptidase-4 Inhibitors and Sodium Glucose Co-Transporter-2 Inhibitors in Diabetes Mellitus with poor Glycemic Control	Dr. Sk. Md. Humayun Kabir	Md. Khairul Islam, Masuma Sultana, Afsana Naznin, Nargis Akter, Md. Nur Alam, Adhir Kumar Das	Journal of Medicine	July/2024	25	2
	7. Combined Effectiveness of Nortriptyline and Topiramate in Comparison to Nortriptyline Alone as Migraine Prophylaxis	Dr. Nargis Akter	Ahmed Imran, Sumaiya Tanjum, Papiya Sultana, Rozina Afroz, Shahina Parvin, Masuma Sultana, Abul Hossain, Ripa Biswas, Masrufa Gulshan, Israt Jahan, Santa Adhikari.	Journal of Comilla Medical College Teachers Association	July/2024	28	2
	8. Effectiveness of Topiramate Improved in Combination with Nortriptyline in Comparison to Topiramate as Migraine Prophylaxis	Dr. Nargis Akter	Ahmed Imran, Mohammad Iqbal Hossain, Masuma Sultana, Shamima Nasrin, Esrat Jahan,	Journal of Abdul Malek Ukil Medical College Teachers Association	July/2024	10	2

**Department of Pharmacology,
Dhaka Medical College**
List of publications by faculty members in the last 3 years

			Mosfika Mahjabin.				
	9. Efficacy of Combined Topiramate and Nortriptyline Over Monotherapy of Topiramate or Nortriptyline for Migraine Prophylaxis	Dr. Nargis Akter	Ahmed Imran, Reaz Mahmud, Mohammad Shamchul Alam, Ripa Biswas, Rozina Afroz, Rifah Rawnak Azad, Masuma Sultana, Ishrat Jahan Shabby, Adhir Kumar Das	The Insight	December/2024	7	1
	10. Diagnostic Accuracy of Portal Vein Duplex Ultrasound in Predicting Oesophageal Varices: A Cross-sectional Study	Dr. Ahmed Imran	Nargis Akter, Toufique-E-Elahi, Tasmia Tanjum, Afsana Naznin, Shahara Haque	IOSR-JDMS	December/2024	23	12
	11. Effect of Levothyroxine on Lipid Profile in Hypothyroid Patients Attending in a Tertiary Care Hospital	Dr. Shamima Nasrin	Nargis Akter, Shahina Parvin, Rifah Rawnak Azad, Sonia Akter, Tasnova Islam Chydhury	JOURNAL OF RANGPUR MEDICAL COLLEGE	September/2024	9	2
	12. Awareness of Antibiotic Use among the Rural People of Raicho Village in Cumilla	Dr. Nargis Akter	Ahmed Imran, Sritikona Majumder, Sadia Afroz, Mohammad Mahadi	IOSR-JDMS	May/2024	23	5

**Department of Pharmacology,
Dhaka Medical College
List of publications by faculty members in the last 3 years**

			Hasan Mazumder				
	13. Glycemic status at presentation and one month after treatment with insulin in Gestational Diabetes mellitus patient attending tertiary level hospital	Dr. Rifah Rawnak Azad	Shamima Nasrin, Nargis Akter, Mushnad Quadery, Adhir Kumar Das, TasndRova Islam Chowdhury, Afsana Naznin	The Planet, Sher-E-Bangla Medical College	July-December /2023	07	02
	14. Effect of Alcohol Extract of Seeds of Cucurbita maxima (Pumpkin) on Blood Glucose level on Streptozotocin Induced Diabetic Rats	Dr. Masuma Sultana	Sk. Md. Humayun Kabir, Nargis Akter, Safat Latif	Jahurul Islam Medical Journal	January /2025	20	1
	15. Duplex Ultrasound Evaluation of Portal Vein Congestion Index as a Predictor of Esophageal Varices: A Cross-sectional Study	Dr. Ahmed Imran	Nargis Akter, Rozina Afroz, Ripa Biswas, Tasmia Tanjum, Shahara Haque	Journal of Comilla Medical College Teachers Association	January /2025	29	1
	16. Efficacy and Tolerability of Fluoxetine over Sertraline in Patients with Obsessive Compulsive Disorder	Dr. Ripa Biswas	Nargis Akter, Rozina Afroz, Masuma Sultana, Shahina Parvin, Ishrat Jahan Shammy, Afsana Naznin, Rifah Rawnak Azad, Santa Adhikari, Adhir Kumar Das	Journal of Comilla Medical College Teachers Association	January /2025	29	1
	17. Anti-Diabetic Effect of Spirulina and Karela in Streptozotocin	Dr. Mahbubur	M Arifur Rahman, Nargis Akter,	Journal of Comilla Medical	January /2025	29	1

**Department of Pharmacology,
Dhaka Medical College**
List of publications by faculty members in the last 3 years

	Induced Diabetic Rats	Rahman	Mosfika Mahjabin, Munmun Ghosh, Md. Jashim Uddin, M Asraful Islam	College Teachers Association			
	18. Compliance to Antihypertensive Medication and Associated Factors among Hypertensive Chronic Kidney Disease Patients Attending at a Tertiary Care Level Hospital	Dr. Shahina Parvin	Shahnaz Parvin, Shamima Nasrin, Nargis Akter, Rozina Afroz, Rizwana Sharmin, Papiya Sultana, Syeda Kaniz Fatema	Journal of Comilla Medical College Teachers Association	January /2025	29	1
	19. Prevalence and Antibiotic Resistance Patterns of Acinetobacter baumannii Isolated from Patients of Dhaka Medical Hospital	Dr. Rizwana Sharmin	SM Shamsuzzaman, Md. Faruk Hossain, Tasnim Sanwar, Nargis Akter, Dilruba Sharmin, Nazmun Nahar, Farhana Shamiha Joarder, Shahina Parvin	Journal of Comilla Medical College Teachers Association	January /2025	29	1
	20. Prescription Pattern of Antihypertensive Drugs in Chronic Kidney Disease Patients Attending – A Tertiary Care Hospital	Dr. Shahina Parvin	Nargis Akter, HM Mustafizur Rahman Rizvi, Rozina Afroz, Ripa Biswas, Masuma Sultana, Shamima	Journal of Comilla Medical College Teachers Association	July /2024	28	2

**Department of Pharmacology,
Dhaka Medical College
List of publications by faculty members in the last 3 years**

			Nasrin, Abul Hossain, Papiya Sultana				
	21. Comparative Nephrotoxic Effect of Daucus Carota Linn (Carrot), Ipomoea Aquatic (Kalmishak), Nigella Sativa (Kalojira) with that of Ramipril on Gentamicin Induced Nephrotoxic Rats	Dr. Mosfika Mahjabin	Mosfika Mahjabin, Mohammed Iqbal Hossain, Mahamuda Akter, Nargis Akter, Bhuiyan Mohammad Mahtab Uddin, Md. Faridul Islam	Journal of Abdul Malek Ukil Medical College Teachers Association	July/2025	11	2
	22. Assessing the Management of COPD: A cross sectional study on medication practices in a Tertiary Care Hospital	Dr. Afsana Naznin	Md. Mahmudul Hasan Rasel, Nargis Akter, Ahmed Imran, Rifah Rawnak Azad, Adhir Kumar Das	IOSR-JDMS	February /2025	24	2
Dr. Afsana Naznin	1. Assessing the Management of COPD: A cross sectional study on medication practices in a Tertiary Care Hospital	Dr. Afsana Naznin	Md. Mahmudul Hasan Rasel, Nargis Akter, Ahmed Imran, Rifah Rawnak Azad, Adhir Kumar Das	Journal of Dental and Medical Sciences	February /2025	24	2
	2. Diagnostic Accuracy of Portal Vein Duplex Ultrasound in Predicting Oesophageal Varices: A Cross-sectional Study	Dr. Ahmed Imran	Nargis Akter , Toufique-E-Elahi, Tasmia Tanjum, Afsana Naznin, Shahara Haque	IOSR-JDMS	2024/ December	23	12
	3. Glycemic status at presentation and one month after treatment	Dr. Rifah Rawnak	Shamima Nasrin, Nargis Akter,	The Planet, Sher-E-Bangla	July-December 2023	07	02

**Department of Pharmacology,
Dhaka Medical College**
List of publications by faculty members in the last 3 years

	with insulin in Gestational Diabetes mellitus patient attending tertiary level hospital	Azad	Mushnad Quadery, Adhir Kumar Das, Tasnova Islam Chowdhury, Afsana Naznin	Medical College			
Dr Ripa Biswas	1. Combined Effectiveness of Nortriptyline and Topiramate in Comparison to Nortriptyline Alone as Migraine Prophylaxis	Dr. Nargis Akter	Ahmed Imran, Sumaiya Tanjum, Papiya Sultana, Rozina Afroz, Sahina Parvin, Masuma Sultana, Abul Hossain, Ripa Biswas, Masrufa Gulshan, Israt Jahan, Santa Adhikari	Journal Of Comilla Medical College Teachers' Association	July/2024	28	2
	2. Efficacy and Tolerability of Fluoxetine over Sertraline in Patients with Obsessive Compulsive Disorder	Dr. Ripa Biswas	Nargis Akter, Rozina Afroz, Masuma Sultana, Shahina Parvin, Ishrat Jahan Shammy, Afsana Naznin, Rifah Rawnak Azad, Santa Adhikari, Adhir Kumar Das	Journal Of Comilla Medical College Teachers' Association	January /2025	29	1
	3. Prescription Pattern of Antihypertensive Drugs in Chronic Kidney Disease Patients Attending – A Tertiary	Dr. Shahina Parvin	Nargis Akter, HM Mustafizur Rahman	Journal Of Comilla Medical College Teachers'	2024/july	28	2

**Department of Pharmacology,
Dhaka Medical College**
List of publications by faculty members in the last 3 years

	Care Hospital		Rizvi, Rozina Afroz, Ripa Biswas, Masuma Sultana, Shamima Nasrin, Abul Hossain, Papiya Sultana	Association			
	4. Efficacy of Combined Topiramate and Nortriptyline Over Monotherapy of Topiramate or Nortriptyline for Migraine Prophylaxis	Dr. Nargis Akter	Ahmed Imran, Reaz Mahmud, Mohammad Shamchul Alam, Ripa Biswas, Rozina Afroz, Rifah Rawnak Azad, Masuma Sultana, Ishrat Jahan Shammy, Adhir Kumar Das	The Insight	2024/ December	7	1
	5. Efficacy of Topiramate Over Nortriptyline as Monotherapy-Migraine Prophylaxis	Dr. Nargis Akter	Ahmed Imran, Khatun-E-Zannat, Rozina Afroz, Sk Humayun Kabir, Shahina Parvin, Ishrat Jahan Shammy, Md Mahbubur Rahman, Ripa Biswas, Tania Alam.	The Planet	February/ 2024	7	1
	6. Duplex Ultrasound Evaluation of Portal Vein Congestion Index as a Predictor of Esophageal Varices: A	Dr. Ahmed Imran	Nargis Akter, Rozina Afroz, Ripa Biswas, Tasmia Tanjum,	Journal of Comilla Medical College Teachers	January /2025	29	1

**Department of Pharmacology,
Dhaka Medical College**
List of publications by faculty members in the last 3 years

	Cross-sectional Study		Shahara Haque	Association			
Dr. Rifah Rawnak Azad	1.Glycemic status at presentation and one month after treatment with insulin in Gestational Diabetes mellitus patient attending tertiary level hospital	Rifah Rawnak Azad	Shamima Nasrin, Nargis Akter, MushnadQua dery, Adhir Kumar Das, Tasnova Islam Chowdhury, Afsana Naznin	The Planet, Sher-E-Bangla Medical College	July-December 2023	07	02
	2.Teachers' and Students' views regarding Acute Shortage of Teachers of basic Subjects in Medical College of Bangladesh	Tasnova Islam Chowdhury	Adhir Kumar Das, Bidhan Krishna Sarker, Sonia Akter, Rifah Rawnak Azad, Afsana Naznin	The Planet, Sher-E-Bangla Medical College	January-June 2023	07	01
	3.Effect of Levothyroxine on lipid Profile in Hypothyroid patients attending in a Tertiary care Hospital	Shamima Nasrin	Nargis Akter, Shahina Parvin, Rifah Rawnak Azad, Sonia Akter, Tasnoa Islam Chowdhury	Journal of Rangpur Medical College	September 2024	09	2
	4.Assessing the Management of COPD: A cross sectional study on medication practices in a Tertiary Care Hospital	Afsana Naznin	Md. Mahmudul Hasan Rasel, Nargis Akter, Ahmed Imran, Rifah Rawnak Azad, Adhir Kumar Das	Journal of Dental and Medical Sciences	February 2025	24	2
	5.Efficacy of Combined Topiramate and Nortriptyline over monotherapy of Topiramate or Nortriptyline for Migraine Prophylaxis	Nargis Akter	Ahmed Imran, Reaz Mahmud, Mohammed Shamchul Alam, Ripa Biswas, Rozina Afroz,	The insight, Gopalganj Medical Collegeg	January-June 2024	07	01

**Department of Pharmacology,
Dhaka Medical College
List of publications by faculty members in the last 3 years**

			Rifah Rawnak Azad, Masuma Sultana, Ishrat Jahan Shamy, Adhir Kumar Das				
	6.Association of hypothyroidism with primary open angle glaucoma in Diabetic patients at tertiary hospital	Mushna dQuade ry	Shahnaz Begum, Rifah Rawnak Azad, Manash Kumar Goswami	Journal of Bangladesh Glaucoma society	July 2024	12	02
	7.Gender and age disparities in the prevalence of primary open angle glaucoma among type 2 Diabetes patient	Mushna d Quadery	Rifah Rawnak Azad, Mohammad Abrar Zawad	The planet, Sher-E-Bangla Medical College	Jan-june 2024	08	01
Dr. A F Mohammad Shafiqul Alam	A Study on CRP level And Blood Pressure In Acute Phase After Ischemic Stroke	Dr. A F Mohammad Shafiqul Alam		Journal of Sheikh Hasina Medical College, Tangail	July, 2023	1	N1
	Association of Serum Adiponectin Level with Gestational Diabetes Mellitus	Dr. Nafisa Shamsun Nahar	Dr. A F Mohammad Shafiqul Alam	Journal of Sheikh Hasina Medical College, Tangail	January, 2024	2	N1
	Higher Incidence of Diabetes in Asymptomatic Healthy Fatty Liver Patients of Bangladesh: Prompt Intervention can Avert Complications	Dr. Shakil Ghani	Dr. A F Mohammad Shafiqul Alam	Euroasian Journal of Hepato-Gastroenterology	December, 2024	14	N2

List of ongoing thesis topics
Department of Pharmacology & Therapeutics
Dhaka Medical College

Sl	Principal Investigator	Title	Guide
1	Dr. Nazira Khatun	Cardioprotective Effect of Ethanol Extract of Beta vulgaris (Beetroot) on Adrenaline Induced Myocardial Infarction in Long Evans Rats	Asso. Prof. Dr. Rumana Afroz
2	Dr.Farzana Rahman Toma	Amelioration of Gentamicin Induced Hepato- renal Toxicity by Ethanolic Extract of Green Tea in Long Evans Male Rats	Professor Dr. Andalib Mustafa Iqbal Ira
3	Dr. Tanni	Effects of Aqueous Extract of Aloe barbadensis gel on Serum Testosterone, Gonadotrophin and Hematological Parameters in Long Evans Male Rats	Asso. Prof. Dr. Rumana Afroz
4	Dr. Md. Hashib Chowdhury	Effect of Ipomoea batatas Leaves on Blood Glucose and Serum Lipid Profile in Streptozotocin Induced Diabetic Male Wistar Rats	Asso. Prof. Dr. Sujit Kumar Sarker
5	Dr.Sabrina Masrufa Khanam	Effectiveness of Pregabalin with Duloxetine Compared to Pregabalin with Amitriptyline for the Treatment of Chronic Low Back Pain with Radiculopathy	Asso. Prof. Dr. Sujit Kumar Sarker
6	Dr. Mehena Shayeri Shayzoti	Comparative Study on Gastrointestinal Adverse Symptoms, Glycaemic Control and Treatment Compliance in Type II Diabetes Mellitus Patients Receiving Metformin Alone versus Metformin with Probiotics	Professor Dr. Andalib Mustafa Iqbal Ira
7	Dr. Nargis Akter	Adherence to Bangladesh National Guidelines for Epilepsy in Prescribing Antiepileptics in a Tertiary Care Hospital : A Cross-sectional Study	Professor Dr. Andalib Mustafa Iqbal Ira