PROSPECTUS 2023-2024





ARMED FORCES MEDICAL COLLEGE DHAKA, BANGLADESH

Contents

D C		2
	e	
	Objectives	
	Campus	
Medic	al College Facilities at a Glance	4-7
Admis	sion Profile	7-10
Expens	ses of Study	11
Execut	tive Bodies	12-14
Contro	olling Authority of the College	15
College	e Administrative Wing	16
Acade	mic Wing	16
	Department of Anatomy	17
	Department of Physiology	18
	Department of Biochemistry	19
	Department of Pharmacology and Therapeutics	20
	Department of Forensic Medicine and Toxicology	21
	Department of Community Medicine	22
	Department of Pathology	23
	Department of Microbiology	23
	Medicine and Allied Subjects	25-29
	Surgery and Allied Subjects	29-34
	Department of Obstetrics and Gynaecology	35
Course	e and Curriculum	36-40
Acade	mic Performance	41-42
College	e Publications	43
College	e Regulations	43
Comiss	sion in Army Medical Corps (AMC)	44
Corres	spondence and Address	44
Conclu	usion	44
	Map to AFMC	

Preface

- 01. The medical education of Bangladesh is constantly evolving to keep pace with the advancement of medical science. Bangladesh Armed Forces felt the necessity of possessing a group of energetic, motivated and dedicated young people to lead the health sector in the 21st century. With this view, Armed Forces Medical College (AFMC) was established on 19 March 1998 to respond to global changes happening in medical education and technology.
- 02. Army Medical Corps (AMC) performs the task of conserving the fighting strength of the Armed Forces through effective health care delivery system during both war and peace. AMC requires induction of a good number of doctors every year. It has been observed that, newly graduated doctors from the existing medical colleges can't always fulfill the special demand of the Armed Forces. Therefore, government has decided to establish the AFMC to meet the demand of militarily motivated and qualitatively better medical graduates for induction in the Armed Forces as well as to provide a sizable number of well-disciplined and skilled doctors for the national health care services.



Major General Quazi Md Rashid-Un-Nabi, MPhil, MPH, Commandant, AFMC giving Completion Certificate of Basic Life Support (BLS) & Advanced Cardiac Life Support (ACLS) Course

03. The academic activities of AFMC commenced through intake of 56 medical cadets on 20 June 1999. The admission process is based on merit keeping in conformity with the government policy. Initially the college was affiliated to Dhaka University. After the inception of Bangladesh University of Professionals (BUP), this college has been affiliated to BUP. So far, 25 batches of total 2368 students have been inducted. The students of first 20 batches total 1664 have already passed Bachelor of Medicine and Bachelor of Surgery (MBBS) and have become doctors and rendering health care service nationally and globally.

Aim / Objectives

04. **Aim.** The aim of AFMC is to educate specially selected candidates namely AFMC cadets for five academic years according to the syllabus laid down by Bangladesh Medical and Dental Council (BM&DC) for MBBS degree to be conferred by BUP and to produce a group of good quality professional doctors both for the Armed Forces and the nation.

05. Objectives.

The objectives of AFMC are:

- a. To teach biomedical sciences traditionally required for medical graduates to meet the responsibilities or providing preventive as well as curative health care to the people of Bangladesh primarily.
- b. To produce well disciplined, self-motivated and dedicated doctors with kindness, tolerance, patience, compassion and devotion to duty.
- c. To impart aspects of basic military training those are required to turn each cadet into a highly disciplined, physically and mentally fit, morally and ethically upright and professionally dedicated medical graduates capable of providing health care services in adverse physical and psychosocial environment both in and outside the country, and during war and peace.
- d. To inspire development of essential character qualities, strong sense of righteousness and a basic desire to serve the suffering humanity.

AFMC Campus

- 06. **Location.** AFMC is located at Dhaka Cantonment, in an island of scenic tranquility blended with natural beauty and bounty. It is surrounded by the thriving city of Dhaka and designed by many brick buildings interspersed with flowering gardens and natural lakes. The AFMC campus is located on an area of about 13 acres at the northern side of Airport road opposite to Cantonment Railway Station and Radisson Blu Water Garden Hotel (Location map is on the inner side of back page).
- 07. **Affiliated Hospitals/Institutions.** At present, following hospitals and institutions are affiliated with AFMC for the purpose of clinical training of the students and intern doctors.
 - a. Combined Military Hospital **(CMH)**Dhaka Cantonment-1500 bedded tertiary general hospital
 - b. Kurmitola General Hospital **(KGH)**Dhaka Cantonment-500 bedded tertiary general hospital
 - c. Armed Forces Institute of Pathology (AFIP)
 Dhaka Cantonment



Combined Military Hospital, Dhaka



Kurmitola General Hospital



Armed Forces Institute of Pathology, Dhaka

In addition, for the purpose of understanding the sufferings of humanity and their management, cadets are also exposed to Government hospitals e.g Dhaka Medical College Hospital (DMCH), Shaheed Suhrawardi Medical College Hospital (ShSMCH), Infectious Disease Hospital (IDH), Mohakhali, Dhaka etc.

Medical College Facilities at a Glance

08. **Accommodation.** AFMC is a residential institute. The medical students are known as "Medical Cadets". It is compulsory for them to stay in the dormitories of the college. The cadets must follow all rules and regulations regarding customs and etiquette, decorum and decency of the dormitory as formulated by the college authority. There are separate dormitories for male and female cadets within the college campus. Visiting hours as per standing operating procedure are strictly adhered to. In case of female cadets only selected visitors whose names have been endorsed to the college authority by their parents/guardian are allowed.



Male Dormitory



Female Dormitory

- 09. **Messing.** Medical cadets are provided with messing and allied services including laundry facilities. The messing, laundry and allied charges are to be paid by the cadets.
- 10. **Medical Facility.** All medical cadets, who are studying in AFMC get free medical treatment (both outdoor and indoor) as per existing policy.
- 11. **Clothing.** Medical cadets are issued with all necessary uniform and other supporting items, the cost of which are met out of outfit charge paid by the cadets.
- 12. **College Activities.** Aim of AFMC is to develop a medical cadet into a complete person with humane values to produce better disciplined and skilled doctors for the national health care services. Emphasis is given to both curricular and extracurricular activities. Additional classes by the renowned personalities on various subjects, like military life and discipline, social values, leadership, english language, computer skills etc. are also arranged.



Tree Plantation by Major General Quazi Md Rashid-Un-Nabi, MPhil, MPH, Commandant, AFMC



Cadets visit to Mobile Field Hospital

13. **Academic Activities.** As per BM&DC curriculum. Adequate lecture gallery, exam hall, tutorial laboratories.





- 14. **Extracurricular Activities.** Participation of medical cadets in extracurricular activities is mandatory. These activities not only provide welcome relief from the arduous and monotonous training schedule but also help to ignite leadership qualities among cadets and enhance their physical, intellectual, moral and ethical development. Following extracurricular activities are in practice:
 - a. Club:
 - (1) Language & Debating club
 - (2) Cultural club
 - (3) Carnival Club

- (4) Computer Club
- (5) Photography club
- (6) Drama Club
- (7) Cinemates Club

- b. **Games and Sports**: Facilities for following games and sports are available:
 - (1) Football
- (3) Volleyball
- (5) Badminton
- (7) Chess

- (2) Cricket
- (4) Table tennis
- (6) Basket-ball
- (8) Carrom







Cadets performing in Indoor & Outdoor Games

c. Gymnasium. Both in male and female dormitory.





15. Clinical Skill and Simulation Lab (CSSL).



Commandant, AFMC at Clinical Skill and Simulation Lab

16. **College Library and Computer Laboratory.** AFMC has a well spacious library. It is enriched with more than 14 thousand different types of books and journals. The library possesses a good collection of training video films/audio cassettes and professional slides. Enrichment of library is a continuous process. Every year new and latest books are added in the collection. The computer lab is furnished with sufficient number of computers with all accessories and internet facilities. Computer skill would help the cadets in acquiring medical education by using internet. Besides, medical cadets are also allowed to use the library of nearby Armed Forces Medical Institute (AFMI) which has a stock of near about 13 thousand books covering all aspects of medical professions.





AFMC Computer Lab

AFMC Library

- 17. **Cafeteria/Canteen.** One cafeteria, which is situated within the premises of the college provides light refreshment and other stationary & consumer products to the cadets on payment.
- 18. **Mosque, Parents Waiting Room.** Which is situated within the premises of the college.

ADMISSION PROFILE

- 19. Following terms and conditions govern the admission and pursuance of the course of study in AFMC:
 - **a. AFMC Cadets.** They have no compulsion to join AMC. Interested candidates have the opportunity to join Army Medical Corps (AMC) like any graduates from other medical colleges recognized by BMDC. However, they will not have to appear in the written examination like other medical graduates, but will have to face the ISSB examination.
 - **b. Eligibility for Admission:** Candidates must fulfill the following requirements:
 - (1) Age Maximum 20 years on 1st July 2023
 - (2) Sex Male/Female
 - (3) Marital status Unmarried
 - (4) Nationality Bangladeshi by birth
 - (5) Educational qualification Must have passed Secondary School Certificate (SSC) and its equivalent examinations in 2020/2021 and Higher Secondary Certificate (HSC) or its equivalent examinations in 2022/2023 with Physics, Chemistry and Biology.
 - (6) The minimum educational performances are as follows:
 - (a) The candidates must have total minimum GPA 9.00 of SSC & HSC or its equivalent examinations.
 - (b) For tribal candidates must have total GPA 8.00 & minimum GPA 3.50 in either of SSC & HSC or its equivalent examinations.
 - (c) SSC/equivalent examination must have been passed within 02 (two) years prior to passing the HSC/equivalent examination.
 - (d) All candidates must have minimum 4.00 grade point in Biology in HSC or its equivalent examinations.
 - **c. Physical standard.** The candidates must be physically and mentally fit by a medical board after being selected in written examination.

- d. Ineligibility for Application.
 - (1) Expelled or terminated from Army/Navy/Air Force or any Government service on any ground.
 - (2) Convicted by any court for any criminal offence.
 - (3) Those who have passed SSC or its equivalent examination before 2020.
- e. Selection of Cadets. A total of 125 AFMC Cadets will be admitted through open competition. Forty percent (40%) of the total seats will be kept reserved for the children of Armed Forces personnel's both serving and retired. Two (2%) percent of the total seats will be kept reserved for children/grandchildren of Freedom Fighters and one (1%) percent for Tribal citizen of Bangladesh.



MC arranged Free Medical Campaign & Blood Grouping on the occasion of "Mujib100"

- **f. Selection Procedure.** Selection procedure is controlled by the Academic Council of AFMC. Following procedures will be followed for selection:
 - (1) Invitation of applications through advertisement in national dailies and website of the college (www.afmc.edu.bd).
 - (2) Conduction of written examination.
 - (3) Publication of result through national dailies & website.
 - (4) Provisionally selected AFMC cadet candidates appear a final medical examination board and viva-voce examination.
- **g.** Admission of Foreign Citizen. 10 seats are kept reserved for foreign citizen. All the rules and regulations for AFMC cadets are equally applicable for the foreign cadets. Eligibility will be as follows:
 - (1) Educational qualification must be as that of Bangladeshi student (as per sub-para 'b' and 'c' of para 16).
 - (2) Marital status: Unmarried
 - (3) Age: 22 years maximum (as on 1st July 2023)
 - (4) Physically fit, certified by medical board.
 - (5) Security clearance by concerned authority.



Senior Secretary of MOD visit at AFMC

- **h. Submission of Application.** Application procedure is completely **"Online"** based. To complete the procedure, candidates shall do the followings:
 - (1) Web address is http://afmc.teletalk.com.bd.
 - (2) Candidate will get home page of the admission web site. The page shows two paths. First, for the candidate passed in National Curriculum and second for the candidate passed in GCE (O/A Level/both).

- (3) Candidates interested for first path shall select that and press next. A web page will open, on which candidate has to type his/her SSC & HSC roll number, registration no and has to select education board & year of passing. On pressing next "Application Form" will appear.
- (4) For second path shall select that and press next. A web page will open, on which candidate has to type his/her code number received from Director, Medical Educations DGHS. On pressing next "Application Form" will appear.
- (5) Candidates may also select one or more private Army Medical Colleges according to his/her choice other than AFMC.
- (6) Candidate has to complete the form by typing and selecting options. In addition following two documents are required to be attached:
 - (a) Photo: Recent (size: 300/300 Pixel & less than 100 kb in jpg/jpeg format).
 - (b) Signature: Recent (size: 300/80 Pixel & less than 60 kb in jpg/jpeg format).
- (7) On successful completion of form candidate shall select 'submission'. A "Students Copy" of submitted form will appear.
- (8) Candidate has to pay Tk 1,000/- (One Thousand) by Teletalk number within 48 hours from application submission time. If any candidate fails to do so, the submitted form will be cancelled. That candidate can submit application again before expiring the last date of submission.
- (9) Candidate those who could successfully submit the online application will be able to download 'Admit Card' using user ID and PIN from the same web address during days prior to written examination date. Admit card may be coloured/black & white print, preferably laser print. Roll number, date & time of examination, examination centre, medium of question (Bengali/English) and other instructions will be available on 'Admit Card'.
- (10) For O/A level both passed candidate. Candidates or Applicants must put GPA/GP as per the equivalence certificate issued from Directorate General of Health Services of Bangladesh Government.
- **j. Entrance Examination.** Candidates are selected for written examination on the basis of SSC and HSC results and other criteria as mentioned below.
 - (1) The candidates will appear for written examination (MCQ) of 100 marks (Syllabus HSC/ equivalent). For each correct answer, candidates will get '1' & for each wrong answer, 0.25 marks will be deducted. Distribution of marks is as under:

Ser No	Subject	Marks
а	Chemistry	30
b	Physics	30
С	Biology	30
d	English	05
е	General Knowledge including history and liberation war of Bangladesh	05
	Total =	100

- (2) Pass marks in written exam is 40.
- (3) For SSC or its equivalent examination, 15 times of GPA score and for HSC or its equivalent examination 25 times of GPA score will be added to make final merit list.
- (4) **Five (05)** marks will be deducted from those who have passed HSC and its equivalent examinations in 2022. **Eight (8.0)** marks will be deducted from those who have passed HSC and its equivalent examinations in 2022 and already admitted in any Govt. medical/dental college.

- (5) AFMC candidates qualified in written examination will appear at final medical examination.
- (6) Medically fit AFMC candidates will appear viva voce examination for evaluation of communication skills, general knowledge, leadership qualities and humane values.
- **k. Final Selection.** The selection committee formed by the Academic Council of AFMC finally selects the candidates for admission. A waiting list will be prepared on the basis of merit for the vacant seats (if any). They will undergo the same procedure for final selection according to their position in the waiting list.
- **I.** Concealing Information. Concealing information at any stage of selection procedure and its revelation later makes the candidate liable for necessary disciplinary action/withdrawal from the college.
- **m. Joining Instruction.** Finally selected candidates will join according to instruction given by AFMC.
- **n. Scholarship/Stipend.** Medical cadets will get stipend/scholarship as per existing government and AFMC policy.
- **p. Bond.** The candidates and their parents or legal guardians are required to sign indemnity bonds on non-judicial stamps regarding terms and conditions of training, discipline, etc. before admission in the college. Draft bond should be collected from Training Branch of AFMC. According to the bond, if any medical cadet wants to leave the AFMC or is withdrawn or expelled from the college for his/her fault the concerned parents or legal guardian will be liable to pay the compensation in following rate:

Time	AFMC Cadets
During 1 st year of training	Tk 2,00,000/- (Taka two lacs only) and the expenditure
in the AFMC	borne by AFMC for training of the medical cadet
During 2 nd year of training	Tk 2,50,000/- (Taka two lacs fifty thousand only) and
in the AFMC	the expenditure borne by AFMC for training of the
	medical cadet
During 3 rd year of training	Tk 3,00,000/-(Taka three lacs only) and the expenditure
in the AFMC	borne by AFMC for training of the medical cadet
During 4 th year of training	Tk 3,50,000/-(Taka three lacs fifty thousand only) and
in the AFMC	the expenditure borne by AFMC for training of the
	medical cadet
During 5 th year of training	Tk 4,00,000/-(Taka four lacs only) and the expenditure
in the AFMC	borne by AFMC for training of the medical cadet



Fresher's Reception & Epaulette Wearing Ceremony



AFMC Medical Carnival Season VIII

Expenses of Study

20. Cadets will bear the following expenses:

a. **Tuition and other fees.** All Cadets are required to pay tuition and other fees as under (subject to amendment from time to time by Governing Body of AFMC):

Serial	Category Fee/Charge		AFMC cadet		
No		Ba	Foreign		
					Cadets
		Children of	Children of	Other	(in US\$)
		Combat	employees of	citizen of	
		Personal	Govt/Semi-	Bangladesh	
		(Serving &	govt/Autonomous		
		Retired)	bodies (Serving only)		
(1)	Admission fee (one time & non-refundable)	15,000.00	15,000.00	15,000.00	7,500.00
(2)	Tuition fee (per month)	350.00	350.00	350.00	75.00
(3)	Caution money (one time & refundable)	1,50,000.00	1,50,000.00	2,00,000.00	7,000.00
(4)*	Outfit charge (per month)	1,700.00	1,700.00	1,700.00	50.00
(5)*	Messing charge (per month)	8,200.00	8,200.00	8,200.00	185.00
(6)*	Laundry & allied charges (per month)	450.00	450.00	450.00	100.00
(7)	Education assistance Fee (per month)	1,200.00	1,200.00	1,200.00	50.00
(8)	Library, games, magazine & sports fee (yearly)	1,800.00	1,800.00	1,800.00	625.00

[★]Ser 4, 5 & 6 may be adjusted subject to market price.

b. All fees other than admission fee and caution money are payable on quarterly basis and are to be paid 15 days prior to the quarter ending i.e. fees for quarter ending September, December, March and June are to be paid by 15th of June, September, December and March respectively. All payments are to be made on time through online payment system. Cadets failing to pay quarterly dues are liable to be ineligible to sit for the professional examination. Defaulters will be dealt with as per Standing Operating Procedure (SOP) of the College.

Executive Bodies



The Members of the Council of the College

- 21. AFMC is a peacetime establishment of Army Headquarters. The management, administration and academic activities of AFMC are vested on three executive bodies as under:
 - a. **Council of the College.** The council is composed of the following:
 - (1) The Chief of Army Staff, Bangladesh Army Chairman
 - (2) Director General of Medical Services, Bangladesh Armed Forces Member (Chairman of Governing Body of the College)
 - (3) Principal Staff Officer to Honorable Prime Minister Member Armed Forces Division
 - (4) Adjutant General, Bangladesh Army Member
 - (5) Commandant, Armed Forces Medical College Member
 - (6) Additional Secretary/Joint Secretary, Ministry of Defense Member
 - (7) Additional Secretary/Joint Secretary, Ministry of Finance Member
 - (8) Additional Secretary / Joint Secretary, Ministry of Education Member
 - (9) Additional Secretary / Joint Secretary Member
 - Ministry of Health & Family Welfare
 - (10) Director General of Health Services, Directorate General Health Services Member
 - (11) Director of Medical Services (Army) Member
 - (12) 1x Officer nominated by Chief of Naval Staff, Bangladesh Navy Member (Not below the rank of Commodore)
 - (13) 1 x Officer nominated by Chief of Air Staff, Bangladesh Air Force -Member (Not below the rank of Air Commodore)
 - (14) 1 x Syndicate Member, Bangladesh University Professionals (BUP) Member (Professor or equivalent)
 - (15) Deputy Commandant & Director Training Member
 Armed Forces Medical College Secretary



The Members of Governing Body of the College

b. **Governing Body of the College.** Composition of Governing body is as under:

(1)	Director General of Medical Services, Ministry of Defense	-Chairman
	Bangladesh Armed Forces	
(2)	Commandant, Armed Forces Medical College	- Member
(3)	1 x Syndicate Member nominated by Vice chancellor	- Member
	Bangladesh University of Professionals (Equivalent to the rank of Profes	sor)
(4)	1 x Representative, Joint Secy or equivalent, Ministry of Defense	- Member
(5)	Consultant Surgeon General, Bangladesh Armed Forces	- Member
(6)	Consultant Physician General, Bangladesh Armed Forces	- Member
(7)	Commandant, Armed Forces Institute of Pathology	- Member
(8)	Commandant, Armed Forces Medical Institute	- Member
(9)	Director General, Training Directorate, Armed Forces Division	- Member
(10)	Director, Personnel Administration Directorate	- Member
	Army Headquarters, Adjutant General's Branch	
(11)	Director of Medical Services (Army)	- Member
(12)	Director of Medical Services (Navy)	- Member
(13)	Director of Medical Services (Air)	- Member
(14)	Director of Medical Education, Directorate General Health Services	- Member
(15)	Deputy Commandant and Director Training	- Member
	Armed Forces Medical College	Secretary



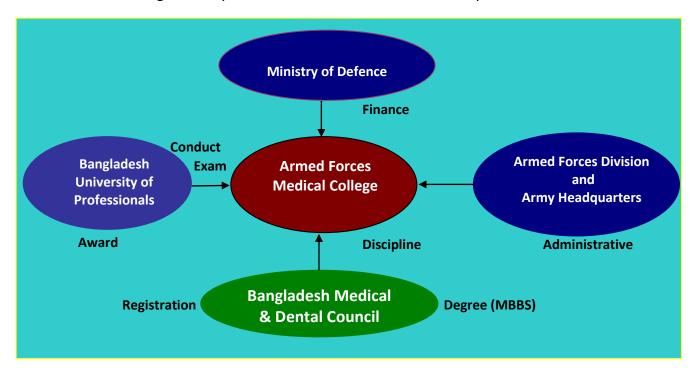
The Members of Academic Council of the College

c. Academic Council of the College. The academic council is composed of the following:

(1) (2) (3) (4)	Commandant, Armed Forces Medical College Commandant, Armed Forces Medical Institute Commandant, Combined Military Hospital, Dhaka Cantonment Director, Kurmitola General Hospital	ChairmanMemberMemberMember
(5)	1x Representative by Academic Council, Bangladesh University of Professionals	- Member
(6)	Deputy Commandant & Director Training, Armed Forces Medical College	- Member
(7)	1x Representative, Ministry of Defense	- Member
	(Not below the rank of Deputy Secretary)	
(8)	Head of the Departments of all Basic Science	- Member
F	Para Clinical & Clinical Subjects, Armed Forces Medical College	
(9)	ADGMS (Training), Directorate General Medical Services	- Member
(10)	1x Representative by Dean, Faculty of Medicine	- Member
	Bangladesh University of Professionals	
(11)	1x Representative, Armed Forces Division (Training Directorate) (Not below the rank of Lt Col)	- Member
(12)	Academic Secretary, Armed Forces Medical College	- Member
(13)	GSO-2 (Training), Armed Forces Medical College	MemberSecretary

Controlling Authority of the College

22. The controlling authority of AFMC is shown below schematically:







Welcome address by Major General A K M Mustafa Kamal Pasha, SPP, ndc, MPhil, MPH, Commandant, AFMC on Reception & White Coat Ceremony of AFMC-25

College Administrative Wing

23. Administrative wing is responsible for execution and implementation of the policies framed by the executive bodies. It controls the general administration of the college staffs and cadets and supervises their training, internal evaluation and discipline. It also coordinates the activities of various wings/departments of the college. The administrative wing is comprised of the following

Major General Quazi Md Rashid-Un-Nabi MBBS, MPhil, MPH Commandant

Brigadier General Masud Ahmed MBBS, FCPS, MMEd Deputy Commandant & Director Training

Major A B H M Ruhul Rabbi MBBS GSO-2 (Coordination)

Major Md Al Imran MBBS GSO-2 (Training)

Major Md Asif Ashfaque Khan MBBS GSO-2 (Research & Development)



Lieutenant Commander Mahmud Hasanat, BN

Deputy Assistant Adjutant and Quartermaster General

Squadron Leader Md Kutub Uddin, BAF Accounts & Messing officer

Academic Wing

24. Academic wing is responsible for teaching medical cadets in accordance with the curriculum laid down by Bangladesh Medical and Dental Council for MBBS degree. The teaching doctrine employed by the college is based on the principle that provides a structured process of institutional teaching, which combines continuity and can dour with an absolute obsession for perfection. The aim being to turn each and every medical cadets into medical graduates of advanced knowledge and expertise capable of matching the challenges of 21st century in terms of handling distressed humanity both during war and peace. The medical cadets are taught with modern methods of teaching using audio-visual aids, transparencies, slides, movies and dummy. Special emphasis is given on practical training, problem based learning and integrated teaching. Habit of self-study and selfconfidence is inculcated in young medical cadets by exposing them to group discussions, assignment, seminars and symposiums. Regular assessment tests are taken to identify the strugglers and to assess the progress. The medical cadets get pride exposure to a group of well trained and qualified teaching staffs. They also get exposure to some eminent retired professors of the country in different specialties. The medium of instruction in AFMC is English. The academic wing has the following departments.

Department of Anatomy

25. The department of Anatomy is one of the best and largest departments of AFMC. This department came into existence concurrently with the glorious journey of Armed Forces Medical College. The department of Anatomy try to ensure Anatomy learning meaningful organizing teaching, learning and assessment making above mentioned components functionally and clinically relevant. Cadets have the liberty to use whole body dissection, prosected body models, skeletons, light parts,



microscopes individually and teacher guided five head microscope, different forms of illustrations, radiological images (X-ray, CT scan, MRI) of different regions of body to enrich their knowledge for discovering human body (both macroscopically and microscopically).

Total allocation of teaching hours for the subject is 527 hours as per as the updated curriculum formulated for preclinical students of MBBS course. For guiding students throughout their tenure in Anatomy, highly qualified, dedicated and trained staffs are available in the department.

Faculty Members

Col Sharmin Hossain Dr. Rowshan Ara Begum MBBS, MPhil MBBS,DMU
Professor & Head of the Department Lecturer

Lt Col Nurun NaharDr. Tanzima RownakMBBS, MPhilMBBS,DMUAssistant ProfessorLecturer

Lt Col Md Ashraful Islam Chowdhury Dr. Asma Tahnim Nitol MBBS, MPhil MBBS

Assistant Professor Lecturer

Maj Julkar Nain Dr. Mashroor Bin Mazhar MBBS, MS MBBS
Assistant Professor Lecturer

Maj Jannatun Naeem Mim Dr. Tasnim Ferdous

MBBS, DGO MBBS
Assistant Professor Lecturer

Department of Physiology

26. Department of Physiology is entrusted to teach Medical Physiology in 03 terms during first one and half year of MBBS course. The aim of teaching Physiology is to make medical cadets understand the normal functions of human body, the homeostatic mechanisms and also the physical and chemical factors that are responsible for origin, development and progression of life as the renowned Physiologist Professor Dr Arthur C. Guyton had uttered- "Physiology is indeed an explanation of life. What other



subject matter is more fascinating, more exciting, more beautiful than the subject of life?"

Total allocation of teaching hours for the subject is 337 hours as per as the updated curriculum formulated for preclinical students of MBBS course. At the end of the course, the medical cadets will be able to interpret the normal functions of different structures of human body and thus would be able to understand the physiological basis of wide range of diseases and accordingly would be able to apply the attained knowledge and skill to proceed to higher studies and research in various fields of medical science.

Faculty Members

Brigadier General Sharmeen Sultana MBBS, MPhil Professor & Head of the Department

Lieutenant Colonel Mohammad Nesar Uddin Ahmed MBBS, MPhil Associate Professor

Major Fatema Tuz Munira MBBS, MD Assistant Professor Dr. Sheikh Rubaiya Ahmed MBBS Lecturer

Dr. Kaniz Fatima MBBS Lecturer

Dr. Nuzhat Anjum Binte Shams MBBS Lecturer

Dr. Israt Jahan MBBS, MD Lecturer

Dr. Nazia Shefa Shrishtee MBBS Lecturer

Dr. Jesika Jamal MBBS Lecturer

Department of Biochemistry

27. Science of Biochemistry helps to understand the maintenance of health and effective treatment of diseases. The department is thus organized to teach students about basic knowledge on life process depending upon chemical principles, performing and interpreting biochemical laboratory tests and procedures and requisite



knowledge for higher studies and research, skill to perform common biochemical tests. They will also be able to develop sound attitude towards the need for continuing self-directed learning.

The teaching methodology involves theoretical lectures, tutorials and practical demonstrations which include 117 hours for lectures, 100 hours for tutorials and 100 hours for practical classes.

Faculty Members

Brigadier General Mimi Parvin Dr. Mehedy Zakaria Sifat

MBBS, DCP, MCPS, FCPS MBBS
Professor & Head of the Department Lecturer

Lieutenant Colonel Tawhida Rahman Chowdhury Dr. Suhana

MBBS, MPhil MBBS
Associate Professor Lecturer

Dr. Anika Tahsin

MBBS Lecturer

Affiliated Faculty Members/Teachers

Major Mrinal Kanti Sarkar MBBS, FCPS Armed Forces Institute of Pathology

Department of Pharmacology & Therapeutics

28. Department of Pharmacology & Therapeutics imparts training to the medical cadets of 2nd phase of MBBS course. The main objective of the department is to teach medical cadets about detail knowledge of history, source, pharmacokinetics, pharmacodynamics of the drugs and their interactions. Medical cadets are also engaged to acquire therapeutic knowledge during placement in different wards of the hospital.

One year pharmacology course items are divided into two terms. Total allocation of teaching hours for the subjects is 195 hours, out of which 100 hours for theoretical lectures, 30 hours for tutorial classes, 50 hours for practical and demonstration classes and the rest 15 hours for clinical pharmacology case report, assignment with presentation. Besides, students of 2nd phase of MBBS are allowed to remain present in different workshops/seminars related to drug. Visits to





different well reputed pharmaceutical companies are arranged for their practical knowledge regarding medicine.

Faculty Members

Major Sadia Binte Anwar Sonia MBBS, MD Assistant Professor & Head of the Department Dr. Rokaiya Siddiqua MBBS

Lecturer

Dr. Mehera Tanjim

MBBS Lecturer

Dr. Mashiyat Ahmed

MBBS Lecturer

Department of Forensic Medicine and Toxicology

29. Department of Forensic Medicine Toxicology offers training to the medical cadets of 3rd year MBBS course. The aim of this department is to increase the depth of knowledge of cadets on various subdivisions Forensic of Science, Jurisprudence and Toxicology. So that they become capable enough to discharge their professional duties with sincerity & effectiveness during medical practice in the society and maintain the highest standard of medical ethics. Also this subject prepares the doctors to become quite competent to help the administration of justice by giving medicolegal opinion regarding disputed cases of injury, sexual assault, identification



of unknown person, age determination, poisoning and most of all determination of the modes and manners of sudden, suspicious, unexpected, unexplained, violent, litigious and medically unattended death. Total allocation of teaching hours for the subject is 195 hours (+12 days), out of which 100 hours are for theoretical lectures and the rest 95 hours for tutorial & practical classes, Integrated Teaching Program (ITP)/assignments, formative and summative examinations. Extra twelve days are reserved for autopsy observation and visit to court, Thana, OCC, Forensic Laboratory.

Faculty Members

Colonel Mushtaq Ahmad MBBS, DFM, MCPS, FRSPH, FRCP (Edin) Professor & Head of the department

Major Muhammed Marzan Siddiqi MBBS, DFM, MCPS Assistant Professor Dr. Farial Naima Rahman MBBS, DMU Lecturer

Dr. Saiyara Chowdhury Raya MBBS Lecturer

Dr. Sajid Aftab Zaman MBBS Lecturer

Department of Community Medicine

30. Department of Community Medicine offers education to the medical cadets of 4th year MBBS students. The objective of this course is to provide community-oriented and need-based medical education with a view to prepare young motivated and dedicated doctors who will execute essential health services through Primary Health Care (PHC). The 4th year course comprises of 110 hours of lecture classes, 155 hours of practical/tutorial classes and 30 days of Community Based Medical Education (CBME) and 06 hours teaching integrated (Total: Lecture/ Tutorial/Practical 271hours + 30 days).



Faculty Members

Brig Gen Abu Noman Md Mosleh Uddin MPhil (PSM), MPH, MBBS Professor & Head of the Department

Dr. Sabrina Tanjim Anwar MPH, MBBS Lecturer

Dr Tumpa Siddique MPH, MBBS Lecturer

Dr. Badrun Nahid Juma MPH, BDS Lecturer

Md. Mehedi Hasan Jewel MS (Medical Entomology), B.Sc (Hons) Entomologist



Department of Pathology

Pathology is a bridging discipline involving both basic subjects and clinical practice and is devoted to the study of the structural and functional changes in cells, tissues and organs in diseases. Department of Pathology offers training to the medical cadets of 4th year of MBBS course. The medical cadets of 5th year MBBS course will also be involved in the clinico pathological conferences for continued learning of the subject. The main objective of the department is to acquaint the medical students with etiology and pathology of the diseases and to enable them to formulate and interpret laboratory investigations and to stimulate a scientific procedure of 'Thinking' on the pathogenesis of diseases. Total allocation of teaching hours for the subject is 223 hours, out of which 95 hours are for theoretical lectures and 128 hours for tutorial/practical classes.



Faculty Members

Colonel Lutfunnahar Khan MBBS, DCP, MCPS, FCPS (Haemtology) Professor & Head of the Department

Major Fatema Akter MBBS, MCPS, DCP, FCPS (Histopathology) Assistant Professor Dr. Zareen Tasnim Prova MBBS Lecturer

Dr. Ayesha Akter Toshi MBBS, DCP Lecturer

Dr. Simika Sarin Mithun MBBS Lecturer

Affiliated Faculty Members/Teachers

Colonel Md Iqbal Karim
MBBS, MCPS, DCP, FCPS (Histopathology)
Classified Specialist in Histopathology, AFIP

Lieutenant Colonel Shameem Montasir Hossen MBBS, MCPS, DCP, FCPS (Haematology)
Classified Specialist in Haematology, AFIP

Lieutenant Colonel Mohammad Showkat Hossain MBBS, MCPS, DCP, FCPS (Histopathology) Classified Specialist in Histopathology, AFIP Colonel Shamoli Yasmin MBBS, MCPS, DCP, FCPS (Histopathology) Classified Specialist in Histopathology, AFIP

Lieutenant Colonel Sifat-E-Moyen MBBS, MCPS, DCP, FCPS (Haematology) Classified Specialist in Haematology, AFIP

Department of Microbiology

32. Medical Microbiology is a rapidly expanding branch of modern medicine. Microbial diseases contribute for more than fifty percent (50%) all sick-reporters in a hospital. Moreover, many noncommunicable diseases like peptic ulcer, cancer, diabetes etc now proven to have microbial etiology. The Department of Microbiology is dedicated to impart training on Microbiology to the 4th year MBBS course and it deals with training on bacteriology, virology, immunology, parasitology and mycology. The main



objective of the Department is to acquaint and enrich the medical students with aetio-pathogenesis, immunological response and laboratory diagnosis along with clinical interpretation of lab reports. The Department also guides the students regarding and prevention of microbial diseases. Total allocation of teaching hours for the subject is 190 hours, of which 100 hours for lectures, 90 hours for tutorial and practical classes.

Faculty Members

Lieutenant Colonel Afroza Begum
MBBS, MPhil
Associate Professor & Head of the De

Dr. Jesmin Nahar Ratna MBBS Lecturer

Associate Professor & Head of the Department

Dr. Mahmudul Hasan MBBS

Lecturer

Dr. Nishat Farmina Zahan

MBBS Lecturer

Affiliated Faculty Members/Teachers

Major General Nishat Jubaida MBBS, DCP, FCPS Commandant, AFIP

Brigadier General Abdullah-Al-Baki MBBS, DCP, FCPS Deputy Commandant, AFIP Brigadier General Farhana Yeasmin MBBS, DCP, FCPS Professor

Medicine and Allied Subjects

Department of Medicine: As a fundamental and vital department of MBBS course, the department of Medicine offers theoretical teaching with practical training to the medical cadets since passing of 1st Prof MBBS exam up to the end of MBBS course (from 3rd year to 5th year). The main objective of the department is to render practical teaching of the subject with a view to produce young doctors who will be acquainted and skilled with various methods and tools for diagnosis and treatment or management of common diseases or medical conditions including medical emergencies and learn to care or comfort patients and prevention of diseases, especially the infectious and communicable ones. Emphasis is given on enriching two way communications with patients and developing a healthy or sound doctor-patient relationship, along with knowledge and wisdom to consider the ethical practices and social implications of the decisions made. At the end of the course, the undergraduate medical cadets will be able to recognize and provide competent initial care of any uncomplicated cases and will be able to refer complicated cases to appropriate place (secondary and tertiary care centers) at appropriate time. They will be confident to demonstrate the knowledge and techniques in medicine at the practical field.

The allocation of teaching hours for the subject is 143 hours for lecture classes and 199 hours for problem based learning,

practical, demonstration, instrumental demonstration, skill lab, tutorial classes & etc. and 146 hours for departmental, Phase integrated teaching. There is also a total of 39 weeks of clinical classes. There are 3 years for clinical clerkship (ward duties) and practical classes as per syllabus from 3rd year to 5th year under department of Medicine.

Department of Medicine also organizes various scientific seminars, rallies and integrated teaching programs throughout the year to enrich the student's knowledge outside the academic syllabus to widen the vision as a medical philosopher.

Faculty Members

Colonel S M Rahid Sarwar

MBBS, FCPS

Professor & Head of the Department

Lieutenant Colonel Fatema Ferdausi

MBBS, FCPS

Associate Professor

Major Mohammad Saiful Islam

MBBS

Instructor, Medicine

Dr Jamil Arafat Nibir

MBBS

Assistant Registrar

Dr Sajjad Hossain

MBBS

Assistant Registrar

Dr Kamarul Lail Kabir

MBBS

Assistant Registrar

Affiliated Faculty Members/Teachers

Major General Shameem Haidar MCPS, FCPS (Medicine)

Consultant Physician General, Bangladesh Armed Forces, Directorate General of Medical Services

Brigadier General Jesmin Sultana MBBS, DCH, MCPS, FCPS, OJT in Neonatology Chief Physician, CMH Dhaka

Brigadier General S M Mizanur Rahman FCPS (Med), FCPS (Gastro) Advisor Spl in Medicine & Gastroenterologist, CMH Dhaka Colonel Mohammad Abdul Quddus Bhuiyan MCPS, FCPS (Medicine), FCPS (Nephrology) Classfied Spl in Medicine & Nephrologist, CMH Dhaka

All the HODs, Advisor and Senior Specialists Medical Division CMH Dhaka Lieutenant Colonel Nasir Uddin Ahmed FCPS (Medicine)
Classified Spl in Medicine and Endocrinologist, CMH Dhaka

Dr Md Abdullah Hel Kafee MBBS, MCPS (Med), MD (Pulmonology) Associate Professor & Consultant Pulmonology, Kurmitola General Hospital Dr S.M. Romel MBBS, MCPS (Med), FCPS (Med), MD (Cardiology) Assistant Professor & Consultant Cardiology, Kurmitola General Hospital

Dr Sukanta Chandra Das MBBS, FCPS (Med), MD (Gastro) Assistant Professor & Consultant Gastoenterology, Kurmitola General Hospital

34. Department of Dermatology and Venereology.

Department of Dermatology and Venereology offers training to the medical cadets of 4th and 5th year of MBBS course and is designed to offer an understanding of the subject with an aim to grasp the importance of Dermatology and Venereology in modern medicine, take appropriate history from the patients, perform relevant clinical examination and diagnose and manage the most common skin and venereal diseases prevalent in Bangladesh. Total allocation of teaching hours for the subject is 17 hours



for theoretical lectures and 05 weeks for clinical clerkship (ward duties) and practical classes as per syllabus.

Faculty Members

Brigadier General Md Shirajul Islam Khan MBBS, FCPS, MCPS, DDV, FRCP (UK) Professor & Head of the Department Colonel Moyassaque Ahmed MBBS, DDV, FCPS (Dermatology) Professor

Affiliated Faculty Members/Teachers

Colonel Kazi Salim Yazdi
MBBS DDV FCPS
Classified Dermatologist, CMH Dhaka
Lieutenant Colonel Anjana Chakrabarty
MBBS, DDV, FCPS (Dermatology)
Classified Dermatologist, CMH Dhaka

Colonel Imranul Hasan Murad MBBS, DDV, FCPS Classified Dermatologist, CMH Dhaka Lieutenant Colonel Syeda Tania Begum MBBS, DDV, FCPS (Dermatology) Classified Specialist (Skin & VD), CMH Dhaka 35. Department of Paediatrics. Department of Paediatrics offers training to the medical cadets of 3rd, 4th & 5th years MBBS course. The main objective of the department is to render teaching of the subject with a view to develop trained medical graduates who will be able to manage common childhood problems in the community. Hence, at the end of the course the students will be able to manage emergency and common Paediatric and Neonatal problems community level, identify Neonatal and Paediatric problems that require secondary and tertiary care and refer them appropriately, use the growth chart in order to assess the growth and development of a child, provide emergency cardio cerebral resuscitation to new born and children, perform routine investigation and therapeutic procedures, serve the community during disaster and epidemics etc.

Renowned guest Professors of Paediatrics also come in AFMC to deliver lecture to the students . Training workshops and seminars for students on important topics also organized with active participation of the students. Department of Paediatricstake part in Integrated Teaching Programme as per curriculum.

Total allocation of teaching hours for the subject is total 46 hours (In 2nd phase:4 hours, 3rd phase: 20 hours and 4th phase:22 hours) for theoretical lectures and total 10 weeks (2nd phase: 4 weeks and 4th phase: 6 weeks) for clinical clerkship (ward duties) and block posting as per syllabus. During ward placement & block posting, students are allowed to work in department of Paediatrics, CMH Dhaka & Kurmitola General Hospital to receive hands on training on common childhood problems & procedure under constant guidance of faculty members.

Colonel Hosne Ara Yousuf

MBBS (DU), DCH, MCPS, FCPS (Paed)

Classfied Spl in Paediatrics & Paed Rheumatologist

Professor

Dr. Sultana Nargis MBBS (DU), DCH Assistant Registrar



Faculty Members

Lieutenant Colonel Md Shazzad Hossain MBBS, DCH, FCPS Classfied Spl in Paediatrics & Paed Gastroenterologist Associate Professor

Affiliated Faculty Members/Teachers

Brigadier General Sabina Yeasmin Colonel Ferdousur Rahman
MBBS, FCPS (Paed), MD (Neonatology) MBBS, DCH, FCPS (Paed), Fellow
Advisor Spl in Paediatrics & Neonatologist Paediatric Cardiology NH, India

Professor & Head of the Department Paediatrics Classified Specialist in Paediatrics & Paed Cardiologist

& Neonatologist, CMH Dhaka Department of Paediatrics, CMH Dhaka

Colonel Murshida Mosharrof Colonel Nazmul Hamid

MBBS, DCH, FCPS (Paed) MBBS, DCH, FCPS (Paediatrics)

Paediatric Neurologist and Classified Specialist Classified Specialist in Paediatrics & Paed

in Paediatrics, CMH Dhaka Neurologist, CMH Dhaka

Visiting Professors from Other Institutes

Professor Dr. Md. Ruhul Amin Professor Tahmina Begum
Ex Professor of Paediatics and Paediatric MBBS, FCPS, MD, MMEd (UK)

Respiratory Medicine, Dhaka Shishu Hospital Professor & Ex HOD of Paediatrics BIRDEM

Councilor & Honorary Director

Medical Education Department, BCPS

Professor Dr. Mohammad Shahidullah Professor Dr. Abid Hossain Mollah

Professor & Ex-Chairman Professor & HOD of Paediatrics

Department of Neonatology BIRDEM General Hospital & Ibrahim Medical College

BSMMU, Dhaka

Brigadier General (Retd) Rehana Begum Chowdhury

MBBS, FCPS (Paed), DCH (DU)

Ex Professor & HOD of Paediatrics, AFMC Ex Professor &

Brigadier General (Retd) Khaleda Akhtar

MBBS, DCH, FCPS (Paed)

Ex Professor & HOD of Paediatrics, AFMC

Brigadier General (Retd) Nurun Nahar Fatema Begum

MBBS, FCPS, FRCP (Edin), FACC (USA), FSCAI(USA)

Ex Professor & HOD of Paediatrics, AFMC

36. **Department of Psychiatry.** Psychiatry considers all aspects of human experience over the whole of life span. Psychiatry is the most "human" specialty devoted to the understanding of the whole person in health and illness. Department of psychiatry offers training to the medical students of 4th & 5th year of MBBS course. The main objective of the department is to teach the student who will be able to comprehend the concept of mental health care and be aware of the role of the medical doctor in detecting common psychiatric disorder in the community,



historical concept and its gradual development to provide appropriate management to patients in the community and deal psychiatric emergencies in hospital and community. Total allocation of teaching hours for the subject is 20 hours for theoretical lectures and 05 weeks for clinical clerkship (ward duties) and practical classes as per syllabus. We believe in the slogan that there is "No Health without mental Health".

Affiliated Faculty Members/Teachers

Colonel Mohammad Monirul Islam
MBBS, FCPS
Classified Specialist in Psychiatry, CMH Dhaka
Lieutenant Colonel Jesmin Akhter
MBBS, MCPS, FCPS
Classified Specialist in Psychiatry, CMH Dhaka

Lieutenant Colonel Sohel Hasan Chowdhury MBBS, FCPS

Classified Specialist in Psychiatry, CMH Dhaka

Lieutenant Colonel Muhammad Abul Kayum Shaikh MBBS, MCPS, FCPS

Classified Specialist in Psychiatry, CMH Dhaka

Surgery and Allied Subjects

Department of Surgery. Department of 37. Surgery offers training to the medical cadets of 3rd, 4th and 5th year of MBBS course. The main objective of the department is to provide community-oriented and community need-based education so as to produce good young doctors who will be able to diagnose and manage the common surgical problems/emergencies undertake prevalent Bangladesh; responsibility of management of common casualties or natural calamities and identify the



surgical problems requiring referral to the appropriate specialists and places. The allocation of teaching hours for the subject is 248 hours for theoretical lectures (Basic principles of surgery, Gastro-Intestinal surgery, Urology, Thoracic surgery, Neurosurgery, Cardiovascular surgery, Paediatric surgery, Organ transplantation surgery and the allied specialties-Anaesthesiology, Radiology & Imaging, Blood transfusion, Radiation oncology, Dental surgery, Physical medicine and Rehabilitation) Integrated Teaching Program for 148 hours and 3½ years (134 hours) of clinical practice in the affiliated teaching hospitals as well as the community-catchment areas as per syllabus.

Faculty Members

Brigadier General M. A. Rakib Dr Abu Horayra Hasnain

MBBS, FCPS (Surgery), FCPS (Urology), MBBS

FRCS (Glasg), FACS (USA), MCPS Assistant Registrar

Professor & Head of the Department

Lieutenant Colonel A T Shahriar Ahmed Dr Parsha Kaniz

MBBS, MS (Cardiovascular Surgery) MBBS

Associate Professor Assistant Registrar

Affiliated Faculty Members/Teachers

Brigadier General Md Shahinur Rahman Brigadier General R U Chowdhury

MBBS, FCPS (Surgery), FCPS (Thoracic Surgery) MBBS, FCPS (Surgery), MS (Neurosurgery), MRCS (England)

Professor & Head of the Department Professor & Head of the Department

Thoracic Surgery, CMH Dhaka Neuro Surgery, CMH Dhaka

Brigadier General Md Abdul Hannan Brigadier General Mashroor Hasan

MBBS, FCPS (Surgery), FCPS (Cardiovascular MBBS, FCPS (Surgery), MS (Plastic Surgery), MRCS

Surgery) Fellowship in CTVS (NUH, Singapore) Professor, Department of Burn, Plastic and

Fellowship in CTVS (Bangalore, India) Reconstructive Surgery, CMH Dhaka

Professor and Head of the Department Cardiovascular Surgery, CMH Dhaka

MBBS, FCPS (Surgery), MRCS (England)

Colonel S M Rezaul Karim Dr Md Shohiduzzaman

Colorectal Surgeon, CMH Dhaka Senior Consultant and Head of the Department

Kurmitola General Hospital

MBBS, FCPS (Surgery)

38. **Department of Anaesthesiology.** Department of Anaesthesiology offers training to the medical students of 3rd, 4th and 5th year of MBBS course. The main objective of the department is to teach the student who will be able to be aware of safety in anaesthesia, aware of the possible complications and management, demonstrate basic knowledge of cardiopulmonary resuscitation (CPR) and describe the scope of anaesthesia in rural environment. Total allocation of teaching hours for the subject is 22 hours, out of which 10 hours are for theoretical lectures and 12 hours for demonstration in operation theaters.

Faculty Members

Brigadier General Nadeem Parvez Ali MBBS, FCPS, DA Professor & Head of the Department

Lieutenant Colonel Molla Md Rubaiat MBBS, FCPS, DA Associate Professor

39. **Department of Ophthalmology.** Department of Ophthalmology offers training to the students of 4th and 5th years of MBBS course. The main objective of need-based education so as to produce a good basic doctor who will be able to diagnose, treat and manage the common ocular ailments, provide leadership in the sphere of primary eye care and diagnosis, provide initial management and refer ocular emergency cases appropriately. The allocation of teaching hours for the subject is 38 hours for theoretical lectures and 08 weeks for clinical/bedside teaching (ward duties).





Faculty Members

Brigadier General Mohammad Ismail Hossain MBBS, MCPS, DO, FCPS Professor & Head of the Department Colonel Amina Akhter MBBS, DO, MCPS, FCPS Professor Dr. Tarannum Binte Hoque

MBBS

Assistant Registrar

Affiliated Faculty Members/Teachers

Brigadier General Md Kamrul Hasan Khan Brigadier General Zulfiker Hasan

MBBS, DO, FCPS, ICO (UK) MBBS, DO, FCPS

Adviser Specialist (Professor) & Head of the Adviser Specialist (Professor)

Department Ophthalmology, CMH Dhaka Department Ophthalmology, CMH Dhaka

Colonel Natasha Kajmina Dr. Md Bahauddin Mollah

MBBS, DO, FCPS MBBS, MS

Classified Specialist in Ophthalmology Assistant Professor

CMH Dhaka Kurmitola General Hospital

40. Department of Otorhinolaryngology and Head Neck Surgery: The Department of Otorhino-

laryngology offers training to the students of 4th and 5th year of MBBS course of theoretical, practical and clinical teachings. The main objective of the department is to produce a community oriented doctor with basic knowledge of common diseases of Ear, Nose and Throat and in addition to provide introductory knowledge about recent development. The course is also designed to provide adequate basic knowledge and skill in



respect of diagnosis and management of life threatening emergencies. The allocation of teaching hours for the subject is 38 hours for theoretical lectures and 08 weeks for clinical clerkship (Ward duties).

Faculty Members

Colonel Md Touhidul Islam Dr. Sumaia Habib

MBBS, MCPS, DLO, FCPS MBBS

Head of the Department of Otorhinolaryngology Assistant Registrar

& Head Neck Surgery, CMH Dhaka

Affiliated Faculty Members/Teachers

Colonel Muhammad Ali Azad Dr Md Rokon Uddin Bhuiya

MBBS, MCPS, DLO

MBBS, FCPS, MS

Classified Specialist in Otorbinology 8.

Associate Professor

Classified Specialist in Otorhinolaryngology & Associate Professor

Head Neck Surgery, CMH Dhaka

Department of Otorhinolaryngology

Kurmitola General Hospital, Dhaka

41. Department of Orthopaedic Surgery and Traumatology.

Department of Orthopaedic Surgery and Traumatology offers training to the students of 4TH and 5th year of MBBS course. The Main objective of the department is to render teaching of the subject with a view to produce young doctors who will be able to manage all types of trauma patients, identify patients for referral to appropriate centres and develop skills in surgical toileting of open fractures. Allocation of 60 hours for theoretical lectures, 10 weeks for demonstrations, 8 weeks for clinical clerkship (ward duties) and practical classes as per syllabus.

Faculty members

Brigadier General Md Salim-Ur-Rahman MBBS, MS (Ortho), MRCPS (Glasgow) Professor & Head of the Department

Major Md Amgad Hossen Khan MBBS, MS (Ortho) Assistant Professor

Dr Merilin Jemin Oishi MBBS Assistant Registrar



Affiliated Faculty Members/Teachers

Major General Md Anisur Rahman Hawlader MBBS, MS Consultant Surgeon General Bangladesh Armed Forces

42. **Department of Radiology and Imaging.** Department of Radiology and Imaging offers training to the students of 3rd and 5th year. The teaching methodology involves theoretical lecture, tutorials and practical demonstrations.

Faculty members

Brigadier General Md Khairul Islam MBBS, FCPS
Professor & Head of the Department

Colonel Mohammad Anwar Hossain MBBS, FCPS Professor 43. **Department of Radiation Oncology.** Department of Radiation Oncology offers training to the students of 3rd and 5th year students by theoretical, practical and clinical teachings on cancer management, including cancer evaluation, chemotherapy, radiotherapy and supportive treatment.

Affiliated Faculty Member

Lt Col (Dr.) SM Rokonuzzaman

MBBS, FCPS (Radiation Oncology)

Head of the Department of Radiation oncology, Cancer Centre, CMH Dhaka

44. **Department of Transfusion Medicine.** Department of Transfusion Medicine is responsible for teaching the subject during 3rd and 4th year student of MBBS course. The course contains fundamental and elementary principles of blood component therapy, process of blood transfusion, methods of preservation of blood and use of modern appliances. 20 hours are allocated for practical, demonstration and clinical seminar.

Affiliated Faculty Member

Lieutenant Colonel Md Nuruzzaman Bhuiyan MBBS, DCP, MCPS, FCPS (Haematology) Classified Specialist in Haematology, AFIP

Lieutenant Colonel Mohammad Shameem Montasir Hossen MBBS, MCPS, DCP, FCPS (Haematology) Classified Specialist in Haematology, AFIP

Department of Obstetrics and Gynaecology

45. Department of Obstetrics and Gynaecology is responsible for teaching the students of 4th and 5th vear MBBS course. This course and curriculum is designed to offer basic and practical understanding of the subject which comprises Obstetrics, Neonatology, Gynaecology and Family Planning. Aim of this course is to train medical graduate who will be able to manage common obstetric and gynaecological problems and emergencies as well as they should recognize the critical cases and refer complicated cases to proper place and person. Total allocation of teaching hours is 168 hours for lectures, PBL, practical demonstration, instrumental demonstration, Skill lab, integrated teaching and 20 weeks for ward duties (Clinical/bedside teaching & block posting) as per syllabus. About 70 more classes are taken as revision classes. Models are used for development of skills in obstetric and gynaecological procedure.





Faculty Members

Brigadier General Nahid Reaz Shapla MBBS, MCPS, DGO, FCPS, PBGMS Professor & Head of the Department

Lieutenant Colonel Anjana Rani Ghosh MBBS, DGO Associate Professor

Lieutenant Colonel Kamrun Nahar Laily MBBS, DGO, FCPS Associate Professor Dr. Shamima Akter MBBS Assistant Registrar

Dr. Shaila Shormin Shila MBBS, DGO Assistant Registrar

Affiliated Faculty Member

Brigadier General Nazma Siddiquee MBBS, DGO, FCPS Adviser Specialist in Obstretics and Gynaecology & HOD, CMH Dhaka

46. At present, sufficient numbers of qualified teachers of various subjects are working in different hospitals/institutions of Bangladesh Armed Forces. They are invited as instructor at AFMC in their respective subjects as and when required.

Courses and Curriculum

47. Professional Training. AFMC follows undergraduate medical course curriculum approved by the Bangladesh Medical and Dental Council and by the Faculty of Medical Studies of Bangladesh University of Professionals (BUP). On successful completion of the course and on passing final MBBS examination the medical cadets are conferred MBBS degree from Bangladesh University of Professionals (BUP). The duration of the course is of 05 academic years (excluding 01 year compulsory internship training required for registration to BM&DC).



Drill session of AFMC cadets

48. MBBS Course - Structure & Duration:

a. The MBBS course is divided into four phases:

Phase	Duration	Subjects	Examination
1 st Phase	1½ years	AnatomyPhysiologyBiochemistry	First Professional MBBS
2 nd Phase	1 year	 Pharmacology & Therapeutics Forensic Medicine & Toxicology Only lecture, small group teaching (practical, tutorial etc.), clinical teaching (as applicable) & formative assessment will be conducted in following subjects-General Pathology part of Pathology, General Microbiology part of Microbiology, Medicine & Allied subjects, Surgery & Allied subjects 	Second Professional MBBS
3 rd Phase	1 year	 Community Medicine & Public Health Pathology Microbiology Only lecture, small group teaching (practical, tutorial etc.), clinical teaching (as applicable) & formative assessment be conducted in following subjects-Medicine & Allied subjects, Surgery & Allied subjects, Obstetrics and Gynaecology. 	Third Professional MBSS
4 th Phase	1½ years	 Medicine & Allied subjects Surgery & Allied subjects Obstetrics and Gynaecology 	Final Professional MBBS

NB: All academic activities including professional examination of each phase must be completed within the specified time of the phase.

Special note: After taking admission into the first year of MBBS course, a student must complete the whole MBBS course (pass the final professional MBBS examination) within 10 years timeline.

b. Phase wise distribution of teaching-learning hours:

1st Phase: Hour Distribution

Subject		_			Dissection	Integrated	Formative	mative Exam Summative exam		Total	
		Lecture (in hours)	Tutorial	Practical	and Others (in hours)	teaching	Preparatory Leave	Exam time	Preparatory Leave	Exam time	
rning, both summative ment	Anatomy	115	53	52	307	36 hrs	35 days	42 days	30 days	30 days	527
ea Sessi	Physiology	120	120	97	-						337
Teaching- formative asso	Biochemistry	117	100	100	-						317
Total 35.			273	249	307	36 hrs	77 day	rs .	60 day	S	1181+36 (IT) = 1217
	pics on Medical I arning including t							sing of So	cial Medias, (iv)	Self-	8
					Grand Total]					1225
Time for in	tearated teaching	a. examinat	ion prepar	atorv leave	e of formative	& summative	assessment is o	common f	or all subjects o	f the phas	ie .

Related behavioral, professional & ethical issues will be discussed in all teaching learning sessions

2nd Phase: Hour Distribution

				_				Formativ	e Exam	Summati	ve exam	
:	Subject	Lecture (in hours)	Tutorial (in hours)	Practical/ Demonstration (in hours	Others (in hours)	Integrated teaching (IT) (in hours)	Clinical bedside teaching (in weeks)	Prepara tory Leave	Exam time	Prepara tory Leave	Exam time	Total
ng, both nmative nt	Pharmacology	100	30	50	Clinical Pharmaco logy 15		-					195
Teaching-learning, both formative & summative assessment	Forensic Medicine & Toxicology	100	45	40 hrs Visit to Morgue, Thana & court = 12 days	-	17	-	10 days	15 days	10 days	15 days	185+12days
ing tive	General Pathology	35	40	07	-	-	-	-	-	-	-	82
learn forma ment	General Microbiology	13	07	15	-	-	-	-	-	-	-	35
Teaching-learning and only formative assessment	Medicine & Allied Subjects	28	-	-	-	-	21 weeks	-	-	-	-	28
Tea	Surgery & Allied Subjects	35	-	-	-	-	20 weeks	-	-	-	-	35
Total	-	311 hrs	122 hrs	112 hrs+ 12 days	15 hours	17 hours	41 weeks	25 d	lays	25 (days	560 hrs+ 12 days
Grand To	otal	5'	77 hrs+	12 days	15 hours	17 hours	41 weeks		50	50 days		560+17 (IT) = 577 hrs +12 days
Generic	Topics on Med	ical H	ımaniti			ill, (ii) Doctor			PR) &			05 hrs

(iii) Physicians'/bedside manner, etiquette and rapport building with patients will be taught within 2nd phase.

Time for integrated teaching, examination preparatory leave and formative and summative assessment is common for all subjects of the phase Preventive aspects of all diseases will be given due importance in teaching learning considering public health context of the country and others parts of the world.

Related behavioral, professional & ethical issues will be discussed in all clinical and other teaching learning sessions

3rd Phase: Hour Distribution

Subject		3 c	ial s	Practical/	ited ng rs)	al le ng ks)	Formative Exam		Summative exam		
		Lecture (in hours)	(in hours) Practical/ Demonstration (in hours)		Integrated teaching (IT) (in hours)	Clinical bedside teaching (in weeks)	Preparat ory Leave	Exam time	Prepara tory Leave	Exam time	Total
Teaching-learning, both formative & summative assessment	Community Medicine & Public Health	110	155	COME (community based medical education): 30 days (10 days day visit +10 days RFST tour+10 days study tour)= 30 days (10+10+10)	18	-	07 days	7 days 12 days 07 days 12 days		12 days	265 + 30 days
rchin mativ	Pathology	60	54	27		-					141
Теа	Microbiology	87	38	30							155
ing tive	Medicine & Allied Subjects	48	-	-	-	14	-	-	-	-	48
ching-learning only formative assessment	Surgery & Allied Subjects	103	ı	-	-	15	-	i	-	-	103
Teaching-learning and only formative assessment	Obstetrics and Gynaecology	30	-	-	-	08	-	-	-	-	30
Total		438	247	57 hrs + 30 days	18 hours	37 weeks	19 d	lays	19 d	lays	631
Grand Total				760 hrs+ 30 days	<u>'</u>	37 weeks		38 (days		742 hrs+18 (IT) = 760 hrs + 30 day

Generic Topics on Medical Humanities: (i) Integrity and accountability of medical professionals (ii) Aspects of a good doctor will be taught within 3rd phase.

Time for integrated teaching, examination preparatory leave and formative and summative assessment is common for all subjects of the phase Preventive aspects of all diseases will be given due importance in teaching learning considering public health context of the country and others parts of the world.

Related behavioral, professional & ethical issues will be discussed in all clinical and other teaching learning sessions

4th Phase

03 hrs

5 hrs

			Small group teaching (in hours)	ll (in	rs	ng	5.0		native am		native am	(s)
	Subject	Lecture (in hours)	PBL, Practical demonstration, Instrumental demonstration, Skill lab, Demonstration on equipment, Demonstration on common clinical procedure, Tutorial & etc	Departmental Integrated teaching (IT) (i	Common hours for Phase Integrated teaching	Clinical teaching (in weeks)	Block posting (in weeks)	Preparatory Leave	Exam time	Preparatory Leave	Exam time	Total (In hours)
both	Medicine & Allied Subjects	153	199	20		24	04					372
Teaching-learning, both formative & summative assesment	Surgery & Allied Subjects	186	134	22	22		04					342
	Obstetrics and Gynaecology	60	58	20	126	08	04	10 days	15 days	10 days	30 days	138
Total		399	391	62	126	56 wks	12 wks	25	days	40	days	852
Grand 7	Total		978 hrs			68 wks			65 days		852 hrs+126 (IT = 978 hrs	
Grand 7		1.77	978 hrs	. 122	C 1	68 wks		(") A	65	days		

Generic Topics on Medical Humanities: (i) Integrity and accountability of medical professionals (ii) Aspects of a good doctor will be taught within 4th phase.

Time for integrated teaching, examination preparatory leave and formative and summative assessment is common for all subjects of the phase Preventive aspects of all diseases will be given due importance in teaching learning considering public health context of the country and others parts of the world Related behavioral, professional & ethical issues will be discussed in all clinical and other teaching learning sessions

- 49. **Internal Examinations.** Internal examinations are held at various intervals after completion of lecture, demonstration/ clinical teaching. Term final examination covering the taught subjects is held at the end of each term. A preparatory practice examination is held before each professional MBBS examination of the University.
- 50. **Notable Features of Existing Curriculum.** Subject with marks allocated for different professional Examination will be as follows:

1St Professional Exam:

Subjects	Written	Structured Oral	Practical E	xam marks	Formative	Total Marks
	Exam marks	Exam marks	Soft Part	Hard Part	Exam marks	
Anatomy	180	150	75	75	20	500
Physiology	180	100	1	00	20	400
Biochemistry	180	100	1	00	20	400
Total						1300

2nd Professional Exam:

Subjects	Written	Structured Oral	Practical	Formative	Total
	Exam marks	Exam marks	Exam marks	Exam marks	Marks
Pharmacology &	90	100	100	10	300
Therapeutics					
Forensic Medicine	90	100	100	10	300
Total			•		600

Third Professional Exam:

Subjects	Written	Structured Oral	Practical	Formative	Total
-	Exam marks	Exam marks	Exam marks	Exam marks	Marks
Community Medicine	90	100	100	10	300
Pathology	90	100	100	10	300
Microbiology	90	100	100	10	300
Total			•	•	900

Fourth Professional Exam:

Subjects	Written	Structured Oral	Clinical	Practical	Formative	Total
	Exam marks	Exam marks			Exam marks	Marks
Medicine & Allied Subject	180	100	100	100	20	500
Surgery & Allied Subject	180	100	100	100	20	500
Obstetrics & Gynaecology	180	100	100	100	20	500
Total						1500

"Pass mark will be 60% in each written, oral and practical/clinical exam, separately."

- *Marks and pattern of questions in written professional examination in each subject will be as follows:
- a. 10% marks of written examination of each paper of each subject is allocated for formative assessment.
- b. 20% Marks are allocated for multiple choice question (MCQ) for each paper.
- c. 70% Marks are allocated for short answer question (SAQ) for each paper

- 51. **Military Training.** The cadets are provided with basic military training in order to turn each one of them into disciplined and militarily motivated doctors. The detail of the military training to be imparted is spelt out in the Standing Operating Procedure (SOP) of the college.
- 52. **Foundation Course.** Medical Science is taught in English. Therefore, sound knowledge in English is required for acquiring medical education. The 4 weekly foundation course is conducted at the very beginning of the course. Which improves the english proficiency of the cadets.
- 53. **Computer Course.** The College is also imparting basic computer knowledge to cadets in AFMC computer lab. Subsequently, further training for enhancement of expertise on Information Technology (IT) will be arranged.
- 54. **Internship Training.** After passing final professional examination, the newly passed doctors have to undergo one year compulsory internship training in the Kurmitolla



Cadets' badge wearing ceremony cadets



Drill session of AFMC cadets

General Hospital and CHM Dhaka, a prerequisite for getting Bangladesh Medical and Dental Council (BMDC) registration. During internship training doctors are paid honorarium. The amount commensurating with that paid to the doctors doing internship training in Government Medical College Hospitals of Bangladesh.

Academic Performance

55. Year-wise academic performance of AFMC Cadets in different professional exams (Regular):

Year	Exam	Total ca	adets	% of
		Appeared	Passed	Pass
2001	1 st Professional Exam	54	48	89.0%
2002	1 st Professional Exam	52	44	84.6%
2003	1 st Professional Exam	51	48	94.0%
	2 nd Professional Exam	51	40	79.0%
2004	1 st Professional Exam	50	46	92.0%
	2 nd Professional Exam	48	36	75.0%
	Final Professional Exam	52	38	73.0%
2005	1 st Professional Exam	49	43	87.0%
	2 nd Professional Exam	50	29	58.0%
	Final Professional Exam	46	34	73.9%
2006	1 st Professional Exam	50	45	90.0%
	2 nd Professional Exam	51	37	73.0%
	Final Professional Exam	48	38	79.2%
2007	1st Professional Exam	43	40	93.0%
	2nd Professional Exam	47	42	89.4%
	Final Professional Exam	50	47	94.0%
2008	1 st Professional Exam	58	46	79.3%
	2 nd Professional Exam	50	40	80.0%
	Final Professional Exam	46	41	89.13%
2009	1 st Professional Exam	97	81	83.51%
	2 nd Professional Exam	42	31	80.0%
	Final Professional Exam	52	47	90.4%
2010	1st Professional Exam	98	82	83.67%
	2nd Professional Exam (Jan-2010)	57	29	50.88%
	2nd Professional Exam (July-2010)	99	85	85.86%
	Final Professional Exam	44	28	63.64
2011	1st Professional Exam (Jul -2011)	103	83	80.58%
	2nd Professional Exam (Jul-2011)	80	72	90.0%
	Final Professional Exam (Jul-2011)	57	44	77.19%
2012	1st Professional Exam (Jul-2012)	92	85	92.39%
	2nd Professional Exam (Jul-2012)	90	81	90.0%
	Final Professional Exam (Jan-2012)	88	73	82.95%
2013	1st Professional Exam (Jul-2013)	81	75	92.59%
	2nd Professional Exam (Jul-2013)	93	67	72.04%
	Final Professional Exam (Jan-2013)	93	62	66.67%

Year	Exam	Total ca	adets	% of
		Appeared	Passed	Pass
2014	1st Professional Exam (Jul-2014)	93	82	88.17%
	2nd Professional Exam (Jul-2014)	98	81	82.65%
	Final Professional Exam (Jan-2014)	97	88	90.72%
2015	1st Professional Exam (May-2015)	117	98	83.76%
	2nd Professional Exam (Jul-2015)	84	66	78.57%
	Final Professional Exam (Jan-2015)	103	83	80.58%
2016	1st Professional Exam (May-2016)	117	95	81.20%
	2nd Professional Exam (May-2016)	111	94	84.68%
	2nd Professional Exam (July-2016) (Old)	100	78	78.00%
	Final Professional Exam (Jan-2016)	103	95	92.23%
2017	1st Professional Exam (May-2017)	127	102	80.31%
	2nd Professional Exam (May-2017)	108	108	100%
	3rd Professional Exam (May-2017)	109	94	86.24%
	Final Professional Exam (Jan-2017)	89	83	93.26%
2018	1st Professional Exam (May-2018)	121	100	82.63%
	2nd Professional Exam (May-2018)	120	102	85.00%
	3rd Professional Exam (May-2018)	108	98	90.74%
	Final Professional Exam (Jan-2018)	98	84	85.71%
	Final Professional Exam (Nov-2018)	105	93	88.57%
2019	1st Professional Exam (May-2019)	125	108	86.40%
	2nd Professional Exam (May-2019)	110	95	86.36%
	3rd Professional Exam (May-2019)	123	102	82.93%
	Final Professional Exam (Nov-2019)	112	103	91.96%
2020	1st Professional Exam (May-2020)	129	116	89.92%
	2nd Professional Exam (May-2020)	121	121	100%
	3rd Professional Exam (May-2020)	114	105	92.1%
	Final Professional Exam (Nov-2020)	123	114	92.68%
2021	1st Professional Exam (May-2021)	114	70	61.40%
	2nd Professional Exam (May-2021)	111	107	96.40%
	3rd Professional Exam (May-2021)	120	112	93.33%
	Final Professional Exam (Nov-2021)	122	96	78.69%
2022	1st Professional Exam (May-2022)	128	119	92.97%
	2nd Professional Exam (May-2022)	99	89	89.90%
	3rd Professional Exam (May-2022)	114	105	92.97%
	Final Professional Exam (Nov-2022)	129	106	82.17%

College Publications

of Armed Forces Medical College (JAFMC) biannually. The Journal is recognized by BMDC and enlisted in HINARI as well as INASP. The journal is available at college web site as well as at www.banglajol.info/index.php/JAFMC.

57. Publications.

a. Journal: JAFMC

b. Magazine: AFMC Magazine (Unmesh)

c. News Letter: AFMC News Letter (Quarterly)

d. Wall Magazine

e. Photobook: Loder than words





JAFMC

AFMC News Letter

College Regulations

- 58. **Conduct and Discipline.** During their stay in the college, all medical cadets are groomed up to take appointments as commissioned officers in Army Medical Corps. They are required to abide by all rules and regulations of the college. Non-adherence to these rules and regulations makes medical cadets liable to disciplinary action, which may range from mere warning to expulsion from the college. Medical Cadets Union is prohibited in AFMC and the medical cadets are forbidden to be members of students' organization or to organize any medical cadets organization, club, society etc, other than those setup by the college authority in order to enhance medical cadets physical, intellectual, moral and ethical development. Administration of the college reserves the right to take legal action as per law of the land for criminal offences committed by any cadet.
- 59. **Withdrawal.** Withdrawal is carried out on grounds of physical inefficiency, medical maladies, character/moral turpitude, academic inaptitude and disciplinary violations. Chairman, Council of the college is the final authority to decide on withdrawal based on the recommendations of the Commandant, Armed Forces Medical College. Depending on the nature of disciplinary cases and duration of the study in the AFMC, financial compensation is recovered from the medical cadets/guardian.
- 60. **Leave.** Follow kinds of leave, addition to government holidays and leave on medical certificates, are granted to the medical cadet during their study at Armed Forces Medical College. The final decision as to whether medical cadets are permitted to proceed on leave however, rests with the Commandant, AFMC.
 - a. First year cadets will avail 09 days (including weekly holidays) leave on completion of foundation training.
 - b. 10 days in each Eid festival (These include weekly & Eid holidays).
 - c. 02 weeks (including weekly holidays) leave on completion of year ending/professional examination. In case of emergency, casual leave may be allowed for a maximum period of 10 days. Free traveling facilities are not admissible to medical cadets while proceeding to or returning from home during vacation.

Commission in Army Medical Corps (AMC)

61. After completion of internship training, interested cadets have the opportunity to join Army Medical Corps like any graduates from other medical colleges recognized by BMDC. However, they will not have to appear in the written examination like other medical graduates, but will have to face the ISSB examination. Cadets will be selected for Army Medical Corps according to the requirement of Bangladesh Army subject to vacancy of the corps and they have to undergo training in Bangladesh Military Academy, Army Medical Corps Center and School and Armed Forces Medical Institute as per laid down terms and conditions of Bangladesh Army authority.

Correspondence and Address

62. Medical cadets are allotted a personal number (MC No.) after admission to Armed Forces Medical College. All correspondences to the medical cadet are addressed to as under:

Medical Cadets (MC) Number:
Name:
Batch Number:

Armed Forces Medical College Dhaka Cantonment, Dhaka-1206 Website: www.afmc.edu.bd

e-mail: afmcbd@yahoo.com, g2trg.afmc@gmail.com

Facebook: https://www.facebook.com/profile.php?id=100087821482758 (AFMC Dhaka) Youtube: https://www.youtube.com/@afmcbd99 (Armed Forces Medical College Bangladesh)

Conclusion

63. The medical science is advancing with the enrichment of educational science and technology. Global changes are happening in medical education, in accordance and conformity to these advancement. With the application of these knowledge and skill of medical science, future doctors should satisfy their patients with the changing need of the community. As a third world nation, we have to keep pace with the latest development and progression in Medicine overcoming all limitations.

64. In this back drop, AFMC has been established as a whole time residential Government Medical Institution under Ministry of Defense with a view to bring out a group of disciplined, morally upright, militarily motivated, dedicated doctors and efficient physician to serve the Armed Forces as well as the Nation. All officers and members of AFMC are working relentlessly with dedication for achieving the desired goal. May Almighty Allah bless us all.

