

Prospectus 2018-2019





Armed Forces Medical College Dhaka Cantonment Bangladesh

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Preface

- 01. The medical education of the country has been constantly improving to keep pace with the worldwide progress 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 requirements of the Armed Forces. Therefore, Government has decided to establish the AFMC to meet the requirement 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 service.



03. The academic activities of AFMC commenced through intake of 56 medical cadets on 20 June 1999. Initially the college was affiliated to Dhaka University. After the inception of Bangladesh University of Professionals (BUP), this college has been affiliated to it. So far, 20 batches of total 1737 students have been inducted. The students of first 15 batches have already become doctors. The admission is based on merit keeping in conformity with the Government order.

Aim / Objectives

04. **Aim.** The aim of AFMC is to train two groups of specially selected candidates to be called AMC cadets and AFMC cadets for five academic years according to the syllabus laid down by Bangladesh Medical and Dental Council (BMDC) for MBBS degree to be awarded by BUP and to produce a group of high quality career 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 those aspects of basic military training as 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 completely 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. **Hospital/Institutions.** 1100 bedded Combined Military Hospital, Dhaka and 500 bedded Kurmitola General Hospital are adjacent to the college campus, where the students and interne doctors get the necessary clinical training. At present, following hospitals and institutions are affiliated with AFMC for purpose of clinical training.
 - a. Combined Military Hospital (CMH), Dhaka Cantonment
 - b. Kurmitola General Hospital (KGH), Dhaka Cantonment
 - c. Armed Forces Institute of Pathology (AFIP), Dhaka Cantonment

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



Combined Military Hospital, Dhaka



Kurmitola General Hospital

Medical College Facilities at a Glance

O8. **Accommodation.** AFMC is a residential institution. 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 living as framed or will be framed from time to time 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 notified to the college authority by their parents/guardian are allowed.



Female Dormitory



Male Dormitory

- 09. **Messing.** Medical cadets are provided with messing and allied services including laundry facilities. The messing, laundry and allied charges are paid by the cadets.
- 10. **Medical Facility.** All medical cadets studying in AFMC and graduate doctors from AFMC doing internship will receive 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 payable by the cadets.
- 12. **College Activities.** Aim of AFMC is to develop a medical cadet into a complete person with qualities like human values to produce better disciplined and skilled doctors for the national health care service. Emphasis is given to both curricular as well as extracurricular



Commandant, AFMC Inauguration of Photography Exhibition-2018 "Louder Than Word".

activities. Additional classes by the renowned personalities of various subjects, like Military life and discipline, Social values, Leadership, English language, Computer skills etc. are also arranged.

- 13. **Extracurricular Activities.** Participation by 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.
 - a. **Club:** Following are in existence:
 - (1) Debating club
- (3) Cultural club
- (5) Photography club

- (2) Journal Club
- (4) Computer Club
- (6) Carnival 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

- c. **Gymnasium.**
- 14. **College Library and Computer Laboratory.** AFMC has a well spacious library. It is enriched with 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 Armed Forces Medical Institute (AFMI) which has a stock of near about 13 thousand books covering all aspects of medical professions.
- 15. **Cafeteria/Canteen.** A cafeteria/canteen situated within the premise of the college provides light refreshment to the cadets on payment.







Cadet's perform in Indoor, Outdoor Games & Cultural Week

ADMISSION Profile

- 16. Following terms and conditions govern the admission and pursuance of the course of study in AFMC:
 - **a. Category of Medical Cadets.** There are two categories of cadets.
 - (1) **AMC Cadets.** After completion of internship training, AMC cadets will have to join Army Medical Corps (AMC) according to the requirement of Bangladesh Army subject to vacancy of the corps and Inter Services Selection Board (ISSB) selection. AMC cadets are exempted from admission fees and tuition fees. But they have to pay caution money, outfit and messing and laundry charges as per existing rates.
 - (2) **AFMC Cadets.** They have no compulsion to join AMC. Interested candidates will have the opportunity to join AMC like graduates from other medical colleges.
 - **b. Eligibility for Admission:** Candidates must fulfill the following requirements:
 - (1) Age Maximum 20 years on

1st July 2018

- (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 2015/2016 and Higher Secondary Certificate (HSC) or its equivalent examinations in 2017/2018 with Physics, Chemistry and Biology.

The minimum educational performances are as follows:

- (a) AMC Cadets: The students must have total GPA 10.00.
- **(b) AFMC Cadets:** The students must have total minimum GPA 9.00 of SSC & HSC or its equivalent examinations.
- (c) For tribal candidates must have total GPA 8.00 & minimum GPA 3.50 in either of SSC & HSC or its equivalent examinations.
- (d) All candidates must have minimum 3.50 Grade point in Biology in HSC or its equivalent examinations.





Amazing moments of "Nabobarsho 1425" Celebration

c. **Physical standard.** The candidates must be physically fit and conform to the minimum physical standard as laid down below:

For AMC Cadets:

(1) Height (Minimum)

Male : 1.63 m (5'-4") Female : 1.57 m (5'-2")

(2) Weight: As per existing weight chart of Armed Forces Personnel.

Minimum weight of the applicants shall be as under:

Male : 45.45 Kg (100 lbs) Female : 40.90 Kg (90 lbs)

(3) Chest (Minimum):

Male : Normal -76 cm (30") Expanded -81 cm (32") Female : Normal -71 cm (28") Expanded -76 cm (30")

- (4) Visual standard: Visual standard 6/6 (± 1.5 D (spherical); ± 1.0 D (cylindrical).
 - * Colour blindness will not be accepted.
- (5) Hearing standard: Hearing must be within normal limit.

For AFMC Cadets: To be fit by a medical board.

d. Ineligibility for Application

- (1) Found medically unfit by an appeal medical board (for AMC cadets only).
- (2) Expelled or terminated from Army/Navy/Air Force or any Government service on any ground.
- (3) Twice screened out/rejected by ISSB. Once rejected and once screened out candidates may apply (for AMC cadets only).
- (4) Convicted by any court for any criminal offence.
- (5) Those who have passed SSC or its equivalent examination before 2015.

e. Selection of Cadets

A total of 125 medical cadets (AFMC Cadets-100 & AMC Cadets-25) will be admitted through open competition. Forty percent (40%) of the total seats will be kept reserved for the children of military personnels both serving and

retired. Two (2%) percent of the total seats will be kept reserved for children/grand children of Freedom Fighters and one (1%) percent for Tribal citizen of Bangladesh.



Commandant with Faculty Members presenting the award on Essay competition on the occasion of 99th birthday of Father of the Nation Bangabandhu Sheikh Mujibur Rahman & National Children's Day

- f. Male Female ratio will be 70:30 only for AMC cadets.
- g. Selection Procedure

Selection procedure is conducted by the Army Headquarters, Adjutant General's Branch, Personnel Administration Directorate (AHQ, AG's Br, PA Dte). 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 provisionally selected candidates with date of appearing before a medical examination board and viva-voce examination through national dailies & website.
- **h.** Admission of Foreign Citizen. 10 seats will be 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 yrs maximum (as on 1st July 2018)
 - (4) Physically fit, certified by medical board.
 - (5) Security clearance by concerned authority.

- **j. Submission of Application.** Application procedure is completely **"On line"**. 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/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) Candidates interested for second path shall select that and press next. A web page will be 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) 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).
 - (6) On successful completion of form candidate shall select 'submission'. A "Students Copy" of submitted form will appear.
 - (7) Candidate has to pay Tk 1,000/- (One Thousand) by Teletalk number within 48 hrs of submission of form. Any candidate fails to do so, the submitted form will be cancelled. That candidate can submit application again, if last date of submission is still there.
 - (8) Candidate those who successfully submitted the online application will be able to download 'Admit Card' using user id and password from the same web address during last 4 days prior to exam. Admit card may be colour/black & white print, preferably laser print. Roll number, date & time of examination, Examination Centre, medium of question (Bengali/English) and various instructions will be on 'Admit Card'.
 - (9) For O/A both passed Candidate. They must put GPA/GP as per the equivalence certificate issued from Directorate General of Health Services of Bangladesh Government.
- **k. Entrance Examination.** Candidates are selected for written examination on the basis of SSC and HSC results and other criteria as mentioned above.
 - (1) The candidates will appear for written examination (MCQ) of 100 marks (Syllabus HSC/ equivalent). For each correct respond candidates will get '1' & for each wrong respond 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 culture 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 those who have passed HSC and its equivalent examinations in 2017. Seven point five (7.5) marks will be deducted those who have passed HSC and its equivalent examinations in 2017 and admitted in any Govt. medical/dental colleges.
- (5) AMC & AFMC candidate qualified in written examination will appear at preliminary and final medical examination respectively.
- (6) Medically fit AFMC candidates will appear to viva voce examination for evaluation of communication skills, general knowledge, leadership qualities and human values.
- (7) Preliminary medically fit AMC candidates will appear ISSB in order of merit. Candidates selected by ISSB.

Appeal Medical Board (For AMC cadets only).

Candidates found "Unfit" in the final medical examination have the option to apply to the AHQ, AG's Br, PA Dte for permission to appear before an Appeal Medical Board. The appeal must be made within 3 working days after being declared unfit by medical board. If a candidate is found "Unfit" by the Appeal Medical Board for reasons other than height, weight and chest, he/she will be debarred from any further chance to apply for admission in AFMC.

m. Final Selection.

The selection committee formed by the Academic Council finally selects the candidates for admission. A waiting list (both AMC and AFMC cadets) 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.

n. Concealing information.

Concealing information at any stage of selection procedure and its revelation later on makes the candidate liable for necessary disciplinary action/withdrawal from the college.

p. Joining instructions.

Finally selected candidates, both AMC and AFMC cadets, will receive joining instruction form of AFMC for reporting to the college.



BM&DC Visiting Team at AFMC and KGH

q. Scholarship/Stipend.

Medical cadets will get stipend/scholarship as per existing government policy.

r. Bond.

(1) 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 or her fault the concerned parents or legal guardian



BM&DC Visiting Team at AFMC and KGH

will be liable to pay the compensation in following rate:

Time	AMC Cadets	AFMC Cadets
During 1 st year of training in the AFMC	TK 3,50,000/- (Taka three lac fifty thousand only) and double of the expenditure borne by AFMC for training of the medical cadet with 10% interest	Tk 2,00,000/- (Taka two lac only) and the expenditure borne by AFMC for training of the medical cadet with 10% interest
During 2 nd year of training in the AFMC	Tk 4,00,000/-(Taka four lac only) and double of the expenditure borne by AFMC for training of the medical cadet with 10% interest	Tk 2,50,000/- (Taka two lac fifty thousand only) and the expenditure borne by AFMC for training of the medical cadet with 10% interest
During 3 rd year of training in the AFMC	Tk 4,50,000 (Taka four lac fifty thousand only) and double of the expenditure borne by AFMC for training of the medical cadet with 10% interest	Tk 3,00,000/-(Taka three lac only) and the expenditure borne by AFMC for training of the medical cadet with 10% interest
During 4 th year of training in the AFMC	Tk 5,00,000/- (Taka five lac only) and double of the expenditure borne by AFMC for training of the medical cadet with 10% interest	Tk 3,50,000/-(Taka three lac fifty thousand only) and the expenditure borne by AFMC for training of the medical cadet with 10% interest
During 5 th year of training in the AFMC	Tk 5,50,000/-(Taka five lac fifty thousand only) and double of the expenditure borne by AFMC for training of the medical cadet with 10% interest	Tk 4,00,000/-(Taka four lac only) and the expenditure borne by AFMC for training of the medical cadet with 10% interest
During or after internship training	Tk 10,00,000/- (Taka ten lac only) and double of the expenditure borne by AFMC for training of the medical cadet with 10% interest	

(2) If any AMC cadet after completion of the internship refuses to join Army Medical Corps without valid reason, the concerned parents or legal guardian will be liable to pay compensation at the following rate:

Tk 10,000,00/-(Taka Ten Lac only) plus double the expenditure borne by AFMC for training of the Medical cadets with 10% interest plus allowances paid during 'one years' internship training.







Study Tour-2018 of AFMC

Expenses of Study

17. 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):

Serial	Category	AMC Cadet	,	AFMC cadet		
No	Fee/Charge	(In taka)	Ва	ngladeshi Cadets (In Ta	ka)	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)	Nil	15,000.00	15,000.00	15,000.00	7,500.00
(2)	Tuition fee (per month)	Nil	350.00	350.00	350.00	75.00
(3)	Caution money (one time & refundable)	1,00,000.00	1,50,000.00	1,50,000.00	2,00,000.00	7,000.00
(4)*	Outfit charge (per month)	1,500.00	1,500.00	1,500.00	1,500.00	50.00
(5)*	Messing charge (per month)	5,200.00	5,200.00	5,200.00	5,200.00	150.00
(6)*	Laundry & allied charges (per month)	400.00	400.00	400.00	400.00	100.00
(7)	Library, games, magazine & sports fee (yearly)	1,200.00	1,200.00	1,200.00	1,200.00	600.00
(8)	Education assistance Fee (per month)	1,200.00	1,200.00	1,200.00	1,200.00	50.00

[★] Ser 4, 5 & 6 may be increased 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 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 in time through Trust Bank, Radisson Water Garden Hotel Branch, Dhaka, Defaulters will be dealt with as per Standing Operating Procedure (SOP) of the College.



General Abu Belal Muhammad Shafiul Huq, ndc, psc, Chief of Army Staff with other members of the Council of the College

Executive Bodies

- 18. AFMC is a peace 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 Honourable Prime Minister -Member Armed Forces Division
- (4) Adjutant General, Bangladesh Army -Member
- (5) Additional Secretary/Joint Secretary, Ministry of Defense -Member
- (6) Additional Secretary/Joint Secretary, Ministry of Finance -Member
- (7) Additional Secretary / Joint Secretary, Ministry of Education -Member
- (8) Additional Secretary / Joint Secretary -- Member

Ministry of Health & Family Welfare

(9) Director General of Health Services -Member

Directorate General Health Services

- (10) Director of Medical Services (Army) -Member
- (11) 1x Officer nominated by Chief of Naval Staff, Bangladesh Navy -Member (Not below the rank of Commodore)
- (12) 1 x Officer nominated by Chief of Air Staff, Bangladesh Air Force -Member (Not below the rank of Air Commodore)
- (13) 1 x Syndicate Member, Bangladesh University Professionals (BUP) Member (Professor or equivalent)
- (14) Commandant, Armed Forces Medical College -Member
- (15) Deputy Commandant & Director Training, Armed Forces Medical College -Member Secretary



The Members of Governing Body of the College

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

(1)	Director General of Medical Services, Ministry of Defense	-Chairman
Bang	ladesh Armed Forces	
(2)	1 x Syndicate Member nominated by Vice chancellor	-Member
Bang	ladesh University of Professionals (Equivalent to the rank of Profes	sor)
(3)	1 x Representative, Joint Secy or equivalent, Ministry of Defense	-Member
(4)	Commandant, Armed Forces Medical College	-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, 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, Armed Forces Medical College-Member Secretary



The Members of Academic Council of the College

C	Academic Council	of the College	The academic of	council is compo	sed of the following:

(1)	Commandant, Armed Forces Medical College	-Chairman
(2)	Commandant, Armed Forces Medical Institute	-Member
(3)	Commandant, Combined Military Hospital, Dhaka Cantonment	-Member
(4)	Director, Kurmitola General Hospital	-Member

- (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

(Not below the rank of Deputy Secretary) -Member

(8) Head of the Departments of all Basic Science, Para Clinical & Clinical Subjects-Member Armed Forces Medical College

(9) GSO-1 (Trg), Directorate General Medical Services -Member (10) 1x Representative by Dean, Faculty of Medicine -Member Bangladesh University of Professionals

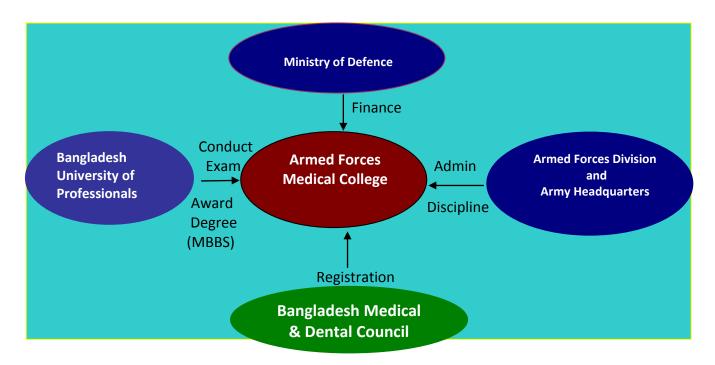
(11) 1x Representative, Armed Forces Division (Training Directorate) - Member (Not below the rank of Lt Col)

(12) Academic Secretary, Armed Forces Medical College -Member

(13) GSO-2 (Training), Armed Forces Medical College -Member Secretary

Controlling Authority of the College

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





Commandant address to All faculty members and cadets of AFMC

College Administrative Wing

20. 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 Md Fashiur Rahman, ndc Commandant

Brigadier General Md Afzalur Rahman, ndc MPH, FMD Deputy Commandant & Director Training

Major Md Ashraful Islam Chowdhury MPhil (Anatomy) GSO-2 (Trg)

Major Md Mashiur Rahman MPH GSO-2 (Coord)

Lieutenant Commander M Mashudur Hasan, BN DAA&QMG

Squadron Leader Shaila Ferdowsi, BAF Accounts & Messing officer



Faculty members with Commandant, AFMC at Farewell Party of AFMC-15

Academic Wing

21. 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 candour 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 challenge of 21st century in terms of handling suffering humanity both during war and peace. The medical cadets are taught with modern methods of teaching using audio-visual aids, transparencies, slides and movies. Special emphasis is given on practical training, problem based learning and integrated teaching. Habit of self-study and self confidence is inculcated in young medical cadets by exposing them to group discussion, seminars and symposium. Regular tests are taken to identify the stragglers and to assess the progress. The medical cadets get pride exposure of a group of well trained and qualified teaching staffs. They also get exposure of 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

22. Department of Anatomy is responsible for teaching pre-clinical cadets of AFMC. The department teaches various discipline of Anatomy namely Gross Anatomy, Embryology, Neuro Anatomy, Histology, Radiological Anatomy and Living Anatomy providing special emphasis on general, applied and functional aspects. Three academic terms cater for 530 hours out of which theoretical lectures cover 115 hours and rest 415 hours are for tutorial, practical, dissection and demonstration classes.



Faculty Members

Brig Gen Md Ahsan Habib MBBS, M Phil, MMEd

Professor & Head of the Department

Lt Col Anju Manara

MBBS, MS

Associate Professor

Lt Col Nasrin Begum

MBBS, MPhil

Associate Professor

Dr. Rawshan Ara Begum

MBBS Lecturer

Dr. Sabiha Sultana

MBBS Lecturer

Dr. Samia Nazifa

MBBS Lecturer Lt Col Md Azizur Rahman

MBBS, MPhil

Associate Professor

Lt Col Mahmuda Ayub

MBBS, MPhil

Associate Professor

Lt Col Sharmin Hossain

MBBS, MPhil

Associate Professor

Dr. Tanjima Rawnak

MBBS Lecturer

Dr. Sabrin Raihan

MBBS Lecturer

Dr. Mehfuza Kabir

MBBS Lecturer

Department of Physiology

23. The 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.

At the end of the course the medical cadets will be able to know the normal functions of different structures of human body and will attain knowledge and skill to proceed to higher



studies and research in the field of medical science. Total allocation of teaching hours for the subject in pre-clinical course is 380 hours, of those; 240 hours are for lectures and tutorial classes and the rest 140 hours for attaining practical skills.

Faculty Members

Lt Col Sharmeen Sultana Lt Col Zinia Parveen MBBS. M Phil MBBS. M Phil

MBBS, M Phil
Associate Professor & Head of the Dept.

MBBS, M Phil
Associate Professor

Lt Col Sangita Mithun Lt Col Mst Nasrin Nahar

MBBS, M Phil MBBS, MD

Associate Professor Associate Professor

Dr. Dinan Noor Dr. Ayesha Akter Toshi

MBBS MBBS Lecturer Lecturer

Dr. Sheikh Rubaiya Ahmed Dr. Rabeya Pathan

MBBS MBBS Lecturer Lecturer

Department of Biochemistry

24. 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. The teaching methodology involves theoretical lectures. tutorials and practical demonstrations which includes 130 hrs for lectures, 110 hrs for tutorials and 110 hrs for practical classes.



Faculty Members

Col. Mimi Parvin Lt Col Md Abdul Wahab

MBBS, DCP, FCPS MBBS, MD

Professor & Head of the Department Associate Professor

Maj Azmery Hossain Dr. Sabrina Arupa

MBBS, MCPS, DCP MBBS

Assistant Professor Lecturer

Dr. Mehedy Zakaria Sifat Dr. Farzana Rahman

MBBS MBBS Lecturer Lecturer

Dr. Nabila Anis

MBBS Lecturer

Affiliated Faculty Members/Teachers

Major Gen Debashish Shaha Lt Col Mahjabin Ara MBBS, FCPS, MMEd MBBS, MCPS, DCP, FCPS

Commandant, AFIP CMH Dhaka

Lt Col Lubna Nazneen MBBS, MCPS, DCP, FCPS

AFIP

Department of Community Medicine

25. Department of Community Medicine offers training to the medical cadets at 1st year and 3rd year of MBBS course. The objective of this course is to provide community-oriented and need-based medical education so as to produce good young dedicated doctors to ensure universal health services through effective Primary Health Care. 05 hours of lectures should be taken at 1st years under supervision of community medicine department. The 3rd year course comprises of 110 hours of lectures classes, 160 hours of practical/tutorial classes and 30 days of community



based medical education (COME) and 05 hours integrated teaching (total 275 hours + 30 days)

Faculty Members

Col Md Julfikkar Alam MBBS, MPH, M Phil (PSM) Professor & Head of the Department

Lt Col Maksumul Hakim MBBS, MPH (PHA), M Phil (PSM) Associate Professor

Dr. Asfa Afroz Mouri MBBS Lecturer Lt Col Abu Noman Mohammed Mosleh Uddin MBBS, MPH (PHA), M Phil (PSM) Associate Professor

Lt Col Latifa Rahman MBBS, MPH (PHA), M Phil (PSM) Associate Professor

Md. Mehedi Hasan Jewel B.Sc (Hons), MS (Med Ent) Entomologist

Department of Forensic Medicine and Toxicology

26. Department of Forensic Medicine and Toxicology offers training to the medical cadets of 3rd year of MBBS course. The aim of this department is to increase the depth of knowledge of cadets on various subdivisions of Forensic Science, Medical 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 medico legal 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, unexpended, unexplained, violent, litigious and medically unattended death. Total allocation of teaching hours for the subject is 195 hours, out of which 80 hours are for theoretical lectures and the rest 110 hours for tutorial & practical classes and 05 hours for ITP/assignments.

Faculty Members

Lt Col Mushtaq Ahmad MBBS, DFM, MCPS, FRSPH Associate Professor& Head of the dept. Lt Col Md Abdus Samad Al-Azad MBBS, DFM, MCPS Associate Professor Capt Taniza Tabassum MBBS

Lecturer

Dr. Zian Fariba Anwar

MBBS Lecturer Dr. Farial Naima Rahman

MBBS, DMU Lecturer

Dr. Sayma Nahid Shanta

MBBS Lecturer

Department of Microbiology

Medical Microbiology is a rapidly expanding branch of modern medicine. Microbial diseases contribute for more than fifty percent (50%) of all sick-reporters in a hospital. Moreover many non-communicable diseases like peptic ulcer, cancer, diabetes etc now proven to have microbial aetiology. The department of microbiology is dedicated to impart training on microbiology to the 4th year MBBS course and it deals with training 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 the treatment of microbial diseases and infection control. Total allocation of teaching hours for the subject is 190 hours, of which 100 hours are for theoretical lectures, 90 hours for tutorial and practical classes.

Faculty Members

Brig Gen Md Rahimgir MBBS, MCPS, FCPS, MMEd

Professor & Head of the Department

Dr. Simika Sarin Mithun

MBBS Lecturer Maj Afroza Begum

MBBS, M Phil (Microbiology)

Assistant Professor

Dr. Jesmin Nahar Ratna

MBBS Lecturer

Affiliated Faculty Members/Teachers

Brig Gen Arif Ahmed khan MBBS, MCPS, FCPS

Col Nishat Jubaida MBBS, DCP, FCPS

Brig Gen Md Nizam Uddin MBBS, MCPS, DCP, FCPS

Lt Col Md Monirul Hoque MBBS, MCPS, DCP, FCPS

Department of Pathology

28. Pathology is a bridging discipline involving both basic science 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 years 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 228 hours, out of which 100 hours are for theoretical lectures and 128 hours for tutorial/practical classes.

Faculty Members

Brig Gen Susane Giti

MBBS, MCPS, FCPS (Haematology), MMEd

Professor& Head of the Department

Maj Md Istyag Ahmed

MBBS, MCPS, FCPS (Histopathology)

Assistant Professor

Dr. Nazia Binte Salam MBBS, Lecturer Col Mir Azimuddin Ahmed

MBBS, DCP, MCPS, FCPS (Haematology)

Professor

Dr. Md Shajedul Imran

MBBS, Lecturer

Dr. Sanzida Harun MBBS, Lecturer

Affiliated Faculty Members/Teachers

Col Sk Jaynul Islam MBBS, MCPS, DCP, FCPS (Histopathology) Classified Specialist in Histopathology, AFIP

Department of Pharmacology and Therapeutics

29. Department of Pharmacology & Therapeutics imparts training to the medical cadets of 3rd 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 drug and its interactions etc. 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 200 hours, out of which 100 hours for theoretical lectures, 30 hours for tutorial classes,



50 hours for practical and demonstration classes and the rest 20 hours for clinical case report, assignment with presentation. Besides, students of 3rd phase of MBBS are allowed to remain present in different wksps/seminars related to drug. Visits to different well reputed pharmaceutical companies are arranged for their practical knowledge regarding medicine.

Faculty Members

Lt Col Wahida Rahman Lt Col Sayeda Nazrina

MBBS, M Phil MBBS, M Phil

Associate Professor & Head of the Department Associate Professor

Dr. A K M Jamiur Rahman Dr. Rokaiya Siddiqua

MBBS MBBS Lecturer Lecturer

Dr. Farhan Saleh Bhuiyan

MBBS, Lecturer

Affiliated Faculty Members/Teachers

Brig Gen Dipak Kumer Paul Chowdhury Maj Khoshroz Samad MBBS, M Phil, MMEd MBBS, M Phil

Professor & Dean, Faculty of Medical Studies, BUP

Maj Fatema Zerin Khan MBBS, MD

Medicine and Allied Subjects

30. **Department of Medicine.** Department of Medicine offers training to the medical cadets after passing 1st Prof MBBS exam up to the end 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 acquainted with various methods and tools for diagnosis and treatment of common diseases including medical emergencies, recognition of cases requiring referral to the appropriate place/person and also prevention of diseases especially the infections and communicable ones. The allocation of teaching hours for the subject is 165 hours for theoretical lectures and 220 hrs for



tutorial & integrated teaching classes respectively (Internal Medicine and Physical Medicine) and 3 years for clinical clerkship (ward duties) and practical classes as per syllabus.

Faculty Members

Brig Gen Md. Azizul Islam Brig Gen Md Yousuf

MBBS, FCPS (Medicine), OJT (Medical Oncology) MBBS, FCPS (Physical Medicine)

Professor & Head of the Department Professor

Brig Gen Md. Abdur Razzak Col Md Abdul Quddus Bhuiyan

MBBS, MCPS, FCPS (Medicine) MBBS, MCPS, FCPS (Medicine), FCPS (Nephrology)

Professor Professor

Maj Md Jashim Uddin Dr. Farzana Afros

MBBS, MBBS

Assistant Professor Assistant Registrar

Dr. Fahd Bin Zia Dr. Md Shaheen Reza

MBBS MBBS

Assistant Registrar Assistant Registrar

Dr. Quazi Audry Arafat Rahman

MBBS

Assistant Registrar

Affiliated Faculty Members/Teachers

Maj Gen Md Abdul Ali Mia MBBS, MCPS, FCPS (Medicine) Consultant Physician General Directorate General of Medical Service Brig Gen Syed Asif Iqbal MBBS, FCPS Chief Physician, CMH Dhaka

Col Md Quadrat-E-Elahi MBBS, MCPS, FCPS (Medicine) Specialist in Medicine & Oncology, CMH Dhaka

31. 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 20 hours for theoretical lectures and 03 weeks for clinical clerkship (ward duties) and practical classes as per syllabus.



Faculty Members

Brig Gen Md Sayeed Hasan MBBS, DDV, FCPS Professor & Head of the Department

Affiliated Faculty Members/Teachers

Col Shirajul Islam Khan Brig Gen Md Abdul Latif Khan MBBS, DDV, FCPS MBBS, DDV, MCPS, FCPS

Adviser Specialist in Dermatology, CMH Dhaka Classified Specialist in Dermatology, CMH Dhaka

Lt Col Quazi Salim Yazdi Maj Bilgis Akter MBBS, DDV, MCPS, FCPS MBBS, DDV, FCPS

Classified Specialist in Dermatology, CMH Dhaka Classified Specialist in Dermatology, CMH Dhaka

32. **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 at the 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 cardiocerebral



resuscitation to new born and children, perform routine investigation and therapeutic procedures, serve the community during disaster and epidemics etc.

In AFMC we also invite renowned guest Professors of Paediatrics to deliver lecture to the students .We also organize training workshop for students on important topics. We also conduct seminars on special days with active participation of the students .Department of Paediatrics take part in Integrated Teaching Programme.

Total allocation of teaching hours for the subject is total 50 hours (In 2nd phase:4 hours, 3 rd phase: 20 hours and 4 th phase:26 hours) for theoretical lectures and total 10 weeks(2nd phase: 4 wks and 4th phase:6 wks) for clinical clerkship(ward duties) and 10 days block posting as per syllabus. During ward placement & block posting we allow the students to work in department of Paediatrics ,CMH Dhaka & Kurmitola General Hospital to render hands on training on common childhood problems & procedure under constant guidance of our faculty members.

Faculty Members

Brig Gen Nurun Nahar Fatema Begum Lt Col Farhana Jalil

MBBS, FCPS, FRCP (Edin), FACC (USA), FSCAI (USA) MBBS, DCH, FCPS (Paediatrics), FCPS (P. Nephrology)

Fellow in Diagnostic and Paediatric Interventional Associate Professor

Paediatric Cardiology & Intensive Care .PSCC, KSA

Professor & Head of the Department

Maj Asmay Jahan Dr. Nishat Farmina Jahan

MBBS, FCPS (Paediatrics), MBBS

Assistant Professor Assistant Registrar

Affiliated Faculty Members/Teachers

Col Khaleda Akhtar Col Mahbuba Sultana

MBBS, DCH, FCPS, OJT in P. Gastroenterology
Classified Specialist in Paediatrics, CMH Dhaka
Classified Specialist in Paediatrics, CMH Dhaka

Col Jesmin Sultana Col Anjuman Ara Beauty

MBBS, DCH, MCPS, FCPS, OJT in Neonatology
Classified Specialist in Paediatrics, CMH Dhaka

Classified Specialist in Paediatrics, CMH Dhaka

Col Sharmin Ara Ferdousi

MBBS, DCH, FCPS, OJT in P. Haemato-oncology Specialist in Paediatrics, CMH Dhaka

33. **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 3 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".

Faculty Members

Brig Gen Md Azizul Islam

MBBS, FCPS, FRCP (UK), FACP (USA), Advance Training In Child Psychiatry (NIMHANS, India), Advance Training (Ankara, Turkey), Professor & Head of the Department

Affiliated Faculty Members/Teachers

Col M Kamrul Hasan Lt Col Julhas Uddin Ahmmed

MBBS, MCPS, M Phil (Psych), Fellow Child Psychiatry (PCK) MBBS, FCPS

Classified Specialist in Psychiatry, CMH Dhaka

Classified Specialist in Psychiatry, CMH Dhaka

Lt Col Mohammad Monirul Islam Lt Col Sohel Hasan Choudhury

MBBS, FCPS MBBS, FCPS

Classified Specialist in Psychiatry, CMH Dhaka

Classified Specialist in Psychiatry, CMH Dhaka

Lt Col Jesmin Akhter Maj Shah Mohammad Ashek Uddin Bhuyian

MBBS, MCPS, FCPS MBBS, FCPS

Classified Specialist in Psychiatry, CMH Dhaka Graded Specialist in Psychiatry, CMH Dhaka

Surgery and Allied Subjects

34. **Department of Surgery.** Department of Surgery offers training to the medical cadets of 3rd, 4th and 5th years 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 prevalent in Bangladesh ; undertake the responsibility of management of common casualties or natural calamities and identify the surgical problems requiring referral to the appropriate specialists. The allocation of teaching hours for the



subject is 300 hours for theoretical lectures (Basic principles of surgery, Gastro-Intestinal surgery, Urology, Thoracic surgery, Neurosurgery, Cardiovascular surgery, Pediatric 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 20 hours and 3 ½ years (200 hours) of clinical practice in the affiliated teaching hospitals as well as the community-catchment areas as per syllabus.

Faculty Members

Brig Gen Md Abdul Matin MBBS, FCPS (surgery), MMEd Professor & Head of the Department

Maj Md Shohidul Islam

MBBS, Graded Specialist in Surgery

Instructor

Dr. Jannatul Ferdous MBBS, Assistant Registrar Brig Gen Md Faruk Ahmed Bhuiya MBBS, FCPS (Surgery)

Professor

Dr. Mussarat Chowdhury

MBBS,

Assistant Registrar

Dr. Farhana Yasmin

MBBS, Assistant Registrar

Affiliated Faculty Members/Teachers

Maj Gen (Retd) M A Mohaimen Brig Gen MD Shahidul Islam

MBBS, FRCS (Edin) MBBS, MCPS, FCPS (Surgery), FCPS (Urology)

Professor Chief Surgeon, CMH Dhaka

Brig Gen Musa Khan Col Md Aminul Islam MBBS, MS (Cardiovascular & Thoracic), FCVS (German) MBBS, MS (Neurosurgery)

Fellow Prince Sultan Cardiac Center (KSA) Classified Specialist in Neurosurgery, CMH Dhaka

HOD & In-Charge, Cardiovascular Surgery Centre, CMH Dhaka

Col Shams-Ud-Din Elias Khan Lt Col Masroor Hasan MBBS, MS (Paediatric Surgery) MBBS, FCPS (Surgery)

Classified Specialist in Paediatric Surgery, CMH Dhaka Classified Specialist in Surgery, CMH Dhaka

Maj Mohammad Ashfagur Rahman

MBBS, FCPS

Classified Specialist in Surgery, CMH Dhaka

35. Department of Anesthesiology. Department of Anesthesiology offers training to the medical students of 3rd, 4th 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 acute resuscitation (CPR) and describe the scope of anesthesia 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 demonstrations.

Affiliated Faculty Members/Teachers

Brig Gen Mozibul Haque MBBS, FCPS

Adviser Specialist in Anaesthesiology, CMH Dhaka

Department of Ophthalmology. Department of Ophthalmology offers training to the students of 4th and 5th years of MBBS course. The main objective of the department is to provide community oriented and 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 40 hours for theoretical lectures and 8 weeks for clinical clerkship (ward duties).



Faculty Members

Brig Gen Md Kamrul Hasan Khan MBBS, DO, MCPS, FCPS

Professor& Head of the Department

Dr. Shagufa Jahan **MBBS** Honorary Assistant Registrar Col Mohammad Ismail Hossain MBBS, MCPS, DO, FCPS, ICO (UK) Fellow in Phaco Surgery and Vitreo-retina Surgery Professor

37. Department of Otorhinolaryngology and Head Neck Surgery.

The Department of Otorhino-laryngology offers training to the students of 4th and 5th years 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 40 hours for theoretical lectures and 8 weeks for clinical clerkship (Ward duties).



Faculty Members

Lt Col Md Kamal Hossain MBBS, FCPS, MCPS, DLO

Associate Professor & Head of the Department

Affiliated Faculty Members/Teachers

Col A K M Asaduzzaman Lt Col Md Touhidul Islam MBBS, DLO, MCPS, FCPS MBBS, DLO, MCPS, FCPS

Classified Specialist in Otorhinolaryngology, CMH Dhaka Classified Specialist in Otorhinolaryngology, CMH Dhaka

Lt Col A K Azad Lt Col Md Delwar Hossain MBBS, DLO, MCPS, FCPS MBBS, DLO, MCPS, FCPS

Classified Specialist in Otorhinolaryngology, CMH Dhaka Classified Specialist in Otorhinolaryngology, CMH Dhaka

Lt Col Md Ahsanuzzaman Khan MBBS, DLO, MCPS, FCPS

Classified Specialist in Otorhinolaryngology, CMH Dhaka

38. of Orthopedic Department Surgery. Department of Orthopedic Surgery 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. Total allocation of hours for the subject is 57 hours, out of which 45 hours are for theoretical lectures, 12 hours for demonstrations, 8 weeks for clinical clerkship (ward duties) and practical classes as per syllabus.



Faculty members

Brig Gen Mohammad Shafiqul Alam, SPP MBBS, MS, Advance Training in Arthooscopy and Arthoplasty (Turkey, France, Germany, India) Professor & Head of the Department

Affiliated Faculty Members/Teachers

Brig Gen Mohd Rezaul Karim Col Muklesur Rahman

MBBS, MS MBBS, MS

Classified Specialist in Orthopedic Surgery, CMH Dhaka Classified Specialist in Orthopedic Surgery, CMH Dhaka

39. **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.

Affiliated Faculty Member

Brig Gen Md Taharul Alam

MBBS, MCPS, FCPS

Adviser Specialist in Radiology & Imaging, CMH Dhaka

40. **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 M Yousuf Ali MBBS, FCPS

Classified Specialist in Radiation Oncology, CMH Dhaka

41. **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.

Faculty Members

Lt Col Mostafil Karim

MBBS, MCPS, DCP, FCPS, Clinical Fellow (Bone Marrow Transplantation & Clinical Haematology), Singapore & India Associate Professor & Head of the Department

Affiliated Faculty Member

Lt Col Monwar Tarek Lt Col Lutfunnahar Khan

MBBS, MCPS, DCP, FCPS (Haematology)

MBBS, MCPS, DCP, FCPS (Haematology)

AFIP, Dhaka Cantonment AFIP, Dhaka Cantonment

Department of Obstetrics and Gynaecology

42. Department of Obstetrics and Gynaecology is responsible for teaching the students of 4th and 5th year 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 200 hrs for lectures, demonstration and integrated teaching and 16 weeks for ward duties (Clinical



Clerkship) as per syllabus. About 70 more classes are taken as revision classes. Models are used for development of skill in obstetric and gynaecological procedure.

Faculty Members

Brig Gen Iffat Ara MBBS, FCPS, MMEd

Professor & Head of the Department

Lt Col Shahnaz Akhter MBBS, DGO, FCPS

Professor & Head of the Department

Dr. Shamima Akter

MBBS, Assistant Registrar

Dr. Shamima Nasrin

MBBS, DMUD, Assistant Registrar

Brig Gen Suraiya Begum MBBS, MCPS, DGO, FCPS

Professor

Lt Col Nargis Nahar

MBBS, MCPS, DGO, FCPS, Fellow FM & HRP

Associate Professor

Dr. Jesmin Banu

MBBS, Assistant Registrar

Affiliated Faculty Member

Brig Gen Liza Chowdhury MBBS, MCPS, DGO, FCPS, Fellow ART & RPM Adviser Specialist in Obstretics and Gynaecology, CMH Dhaka

43. At present, sufficient numbers of qualified teachers of various subjects are working in different hospital/institutions of Bangladesh Armed Forces. They are taken as instructors for AFMC in their respective subjects as and when required.

Courses and Curriculum

44. **Professional Training.** AFMC follows undergraduate medical course curriculum approved by the Bangladesh Medical and Dental Council and by the Faculty of Undergraduate Medicine of Bangladesh University of Professionals (BUP) .On Successful completion of the course and on passing final MBBS examination the medical cadets are awarded 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 BMDC).



Drill session of AFMC cadets

45. MBBS Course - Structure & Duration:

a. The MBBS course is divided into four phases:

Phase	Duration	Subjects	Examination
1 st Phase	18 Months	Anatomy	First Professional MBBS
		Physiology	
		Biochemistry	
2 nd Phase	12 Months	Community Medicine & Forensic Medicine	Second Professional MBBS
3 rd Phase	12 Months	Pharmacology & Therapeutics	Third Professional MBSS
		Pathology	
		Microbiology	
4 th Phase	18 Months	Medicine & Allied subjects	Final Professional MBBS
		Surgery & Allied subjects	
		Obstetrics & Gynaecology	

b. Phase wise distribution of teaching-learning hours:

1st Phase:

Subject	Lecture	Tutorial	Practical	Others	Integrated	Formative	Exam	Summative	exam	Total
	(in hours)				teaching	Preparatory	Exam	Preparatory	Exam	
						Leave	time	Leave	time	
Anatomy	115	53	52	Dissection	30 hrs	35 days	42	30 days	30	530
				+ Card			days		days	
				exam 310						
Physiology	120	120	100	-						340
Biochemistry	120	100	100	-						320
Total	355	273	252	310						1190
Behavioral science, communication skill and medical ethics will be taught through five lectures (5 hours) within 1 st phase under										5
supervision of C	community Me	edicine Depa	artment							
	•					•		Grand	d Total	1195

2nd Phase:

Subject	Lecture	Tutorial	Practical/ Demonstration	Integrated	Formative Exam		Summative	Total	
	(in hours)			teaching	Preparatory	Exam	Preparatory	Exam	
					Leave	time	Leave	time	
Community Medicine	110	160	COMES (community based medical education): 30days (10 days day visit + RFST + 10 days study tour)- 30 days (10+10+10)	05		15 days	15 days	20 days	275 + 30 days
Forensic Medicine	80	55	55	05					195
Total	190	215	55	10					470

3rd Phase:

Subject	Lecture	Tutorial	Practical	Others	Formative Exam		Formative Exam Summative exam		
	(in hours)				Preparatory Leave	Exam time	Preparatory leave	Exam time	
Pharmacology & Therapeutics	100	30	50	Clinical Pharmacology 20	10 days	15 days	10 days	15 days	200
Pathology	100	100	28	-					228
Microbiology	100	45	45	-					190
Total	300	175	123	20					618

4th Phase

Medicine & Allied Subjects:

						Ailicu	-						
Subject						Total weeks	Block posting	Formative exam	Summative exam				
	2 nd	3 rd	4 th	Total	Ĕ	<u> -</u>	2 nd	3 rd	4 th				
	phase	phase	phase		_		phase	Phase	phase			10	10
Internal Medicine	26	24	110	160	200	20 hrs	14	06	12+2 (OPD)	34		.15 days days	-15 days days
Psychiatry	-	-	20	20	-		-	03	-	03			ve-1 30 d
Dermatology	-	-	20	20	-		-	03	-	03		ry lea time-	y lea me
Pediatrics	04	20	26	50	25		04	-	06	10	4 weeks	rator am ti	oaratory leave Exam time-30
Physical Medicine	-	-	05	05	-		-	02	-	02		Preparatory leave Exam time-15	Preparatory leave Exam time-30
Emergency	-	-	-	-	-		02			02		Pr	Pr
Medicine													
Total	30	44	181	255	225	20 hrs.	20	14	20	54	4 weeks		
Grand Total		50	0 hours		500 hours 58 weeks			75 c	lays				

Surgery & Allied Subjects:

Subject		Lecture (in hours))		Tutorial/ Practical /Demons tration	Integrated teaching	Clinical/Bedside teaching(in week)		Total weeks	Block posting	Formative Exam	Summative Exam	
	2 nd	3 rd	4 th	Total			2 nd	3 rd	4 th				
	phase	phase	phase				phase	phase	phase				
General Surgery	35	30	60	125			12+4	-	6	22			
Orthopaedics	5	10	30	45			-	4	4	8			
Radiology	-	-	5	5			1	ı	-	1		skı	skı
Radiotherapy	-	-	8	8			-	1	-	1		-15 da days	-15 days days
Transfusion Medicine	-	5	1	5			1	ı	-	1			e-1!) da
Anesthesia	-	10	1	10			1	1	-	1	4	oaratory leave Exam time-15	Preparatory leave- Exam time-30 c
Neurosurgery	-	2	5	7			-	1	-	1	wks	ti T	ry l tim
Pediatric surgery	-	5	10	15		••	-	ı	2	2		rato	rato
Urology	-	5	10	15	200	20	-	1	2	2		epai Ex	epai Ex
Burn Plastic Surgery	3	-	2	5			-	1	1	1		Pre	Pre
Emergency & Casualty	-		1				-	ı	1	1			
Dentistry	-	-	1	-			1	ı	-	1			
Ophthalmology	-	40	hrs	40			-	4	4	8			
Otolaryngology	-	40	hrs	40			-	4	4	8			
Total	-		300 hrs		200	20	20 wks	14 wks	24 wks	58 wks		•	
Grand Total		520 hours				62 weeks					75 d	ays	

Obstetrics & Gynaecology:

Lect	ture	Tutorial/Dem	Integrated Teaching	Total hours	Clinical bed side	Block placement	Formative exam		Summative exan	n
3 rd phase	4 th phase	onstration			Teaching in 3 rd & 4 th		Preparatory Leave	Exam time	Preparatory Leave	Exam time
					phase					
30 hrs	70 hrs	85 hrs	15 hrs	200 hrs	16weeks	4 weeks	15 days	15	15 days	30 days
					(8+8)			days		

- 46. **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.
- 47. **Notable Features of Existing Curriculum.** Subject with marks allocated for different professional Examination will be as follows:

1St Professional Exam:

Subjects	Written	Structured	Practical E	xam marks	Formative	Total Marks
	Exam marks	Oral Exam marks	Soft Part	Hard Part	Exam marks	
Anatomy	180	150	75	75	20	500
Physiology	180	100	10	00	20	400
Biochemistry	180	100	100		20	400
Total						1300

2nd 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
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	
Pharmacology & Therapeutics	90	100	100	10	300	
Pathology	90	100	100	10	300	
Microbiology	90	100	100	10	300	
Total					900	

Fourth Professional Exam:

•		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 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
- 48. **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.
- 49. **Foundation Course.** Medical Science is taught in English. Therefore sound knowledge in English is required for acquiring medical education. The foundation course for duration of 04 weeks has been introduced for the cadets at the very beginning of the course. It is observed that the Foundation course has imparted positive effects in improving the shortcoming of newly

admitted cadets.



Badge wearing ceremony of cadets

50. **Computer Course.** The College is also imparting basic computer knowledge to cadets in AFMC computer lab enriched with computers. Subsequently further training for enhancement of expertise on IT will be arranged.

51. Internship Training. After passing final professional examination, the newly passed doctors are to undergo 01 year compulsory internship training in the Kurmitolla General Hospital/CHM Dhaka, a prerequisite for getting Bangladesh Medical and Dental Council (BMDC) registration. During internship training the passed out doctors are paid honorarium, the amount commensurating with that paid to the doctors doing internship training in Government Medical College Hospitals.



AFMC Team Participation in ICMMS, Thailand

Honours and Medal

- 52. **Honours.** According to regulation of Bangladesh University of Professionals (BUP), students securing 85% marks or more are awarded as "Honours Marks" In such cases the candidate must pass all examinations regularly.
- 53. **Chief of Army Staff Gold Medal:** The cadet securing 1st position among the cadets of AFMC and scoring minimum 70% marks in professional examinations under BUP will be awarded "Chief of Army Staff Gold Medal" in each year.

Academic Performance

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

Exam	Total ca	dets	% of
	Appeared	Passed	Pass
1 st Professional Exam	54	48	89.0%
1 st Professional Exam	52	44	84.6%
1 st Professional Exam	51	48	94.0%
2 nd Professional Exam	51	40	79.0%
1 st Professional Exam	50	46	92.0%
2 nd Professional Exam	48	36	75.0%
Final Professional Exam	52	38	73.0%
1 st Professional Exam	49	43	87.0%
2 nd Professional Exam	50	29	58.0%
Final Professional Exam	46	34	73.9%
1 st Professional Exam	50	45	90.0%
2 nd Professional Exam	51	37	73.0%
Final Professional Exam	48	38	79.2%
1st Professional Exam	43	40	93.0%
2nd Professional Exam	47	42	89.4%
Final Professional Exam	50	47	94.0%
	1 st Professional Exam 1 st Professional Exam 1 st Professional Exam 2 nd Professional Exam 1 st Professional Exam 2 nd Professional Exam Final Professional Exam 1 st Professional Exam 1 st Professional Exam 1 st Professional Exam 2 nd Professional Exam Final Professional Exam 1 st Professional Exam Final Professional Exam 2 nd Professional Exam 2 nd Professional Exam 2nd Professional Exam 1st Professional Exam 2nd Professional Exam	1st Professional Exam 1st Professional Exam 1st Professional Exam 1st Professional Exam 2nd Professional Exam	1st Professional Exam54481st Professional Exam52441st Professional Exam51482nd Professional Exam51401st Professional Exam50462nd Professional Exam50462nd Professional Exam5238Final Professional Exam52381st Professional Exam49432nd Professional Exam5029Final Professional Exam46341st Professional Exam50452nd Professional Exam5137Final Professional Exam48381st Professional Exam48381st Professional Exam43402nd Professional Exam43402nd Professional Exam4742

Year	Exam	Total ca	adets	% of
		Appeared	Passed	Pass
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	1 st Professional Exam	98	82	83.67%
	2 nd Professional Exam (Jan-2010)	57	29	50.88%
	2 nd 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%
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) (New)	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%

College Publications

55. **Journal.** AFMC publishes Journal of Armed Forces Medical College 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.

56. Other Publications.

a. Journal: JAFMC

b. Magazine : AFMC Magazine (Unmesh), Utopia

c. News Letter : AFMC News Letter (Quarterly)

d. Wall Magazine



Inauguration of Utopia and AFMC Med Carnival & Photography-2018

College Regulations

- 57. **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.
- 58. **Discontinuation as AMC Cadet.** If an AMC cadet failed 3/more subject in his/her professional examinations, he/she will not be allowed to continue as AMC cadet. If the cadet wants to continue the course, he/she has to apply for continuation and before applying he/she must clear the dues of AFMC cadets adequately.
- 59. **Withdrawal.** Withdrawal is carried out on grounds of physical inefficiency, medical maladies, character/moral turpitude, academic inaptitude and disciplinary violations. Adjutant General, Bangladesh Army 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. As per curriculum laid down by Bangladesh Medical and Dental Council (BMDC), students failed in consecutive four examinations shall be debarred to continue medical education.

Note: Cadets failing to qualify first professional MBBS examination in four consecutive chances are withdrawn from AFMC.

- 60. **Leave.** Following kinds of leave, in 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 holydays).
 - c. 07 days (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 10days. Free traveling facilities are not admissible to medical cadets while proceeding to or returning from home during vacation.

Commission in AMC

61. AMC Cadets after completion of internship training will be selected for Army Medical Corps according to the requirement of Bangladesh Army subject to vacancy of the corps and ISSB selection 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. The AMC cadets if failed in 3 or more subjects in professional examinations will not be commissioned in AMC. As soon as the cadet got referred in 3 subjects or more will be withdrawn from AMC cadetship. If the cadet wants to continue as AFMC cadet, the disqualified cadet has to pay all dues adequately before applying for that.

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:** <u>www.afmc.edu.bd</u>

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 and changes. 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 nation of third world countries, we have to keep pace with the latest development in Medicine.
- 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 and with dedication for achieving the desired goal. May Almighty Allah bless us All.

