Prospectus
2016-2017

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 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 peculiar 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, 18 batches of total 1481 students have been inducted. The students of first 13 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 the Bangladesh University of Professionals (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.** A 500-bed Kurmitola General Hospital is adjacent to the college campus, where the students and interne doctors will 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) Armed Forces Institute of Pathology (AFIP) Dhaka Cantonment
   (c) Kurmitola General Hospital (KGH)

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

Medical College Facilities at a Glance

08. **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.
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 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
   (2) Journal Club
   (3) Cultural club
   (4) Computer Club
   (5) Photography club
   (6) Carnival Club

   (b) **Games and Sports:** Facilities for following games and sports are available:
   
   (1) Football
   (2) Cricket
   (3) Volleyball
   (4) Table tennis
   (5) Badminton
   (6) Basket-ball
   (7) Chess
   (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 more than 12 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.
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 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 1\textsuperscript{st} July 2016
2. Sex - Male/Female
3. Marital status - Unmarried
4. Nationality - Bangladeshi by birth
5. Educational qualification - Must have passed Secondary School Certificate (SSC) and Higher Secondary Certificate (HSC) or their equivalent examinations having Physics, Chemistry and Biology in HSC or its equivalent.

**The minimum educational performances are as follows:**

a. The students 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. For all, Candidates must have minimum 3.50 Grade point in Biology in HSC or its equivalent examinations.

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

   **For AMC Cadets**
   
a. Height (Minimum)
      
      Male : 1.63 m (5’-4’’)
      Female : 1.57 m (5’-2’’)

   b. 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)

   C. Chest (Minimum)
      
      Male : Normal – 76 cm (30’’)  Expanded – 81 cm (32’’)
      Female : Normal – 71 cm (28’’)  Expanded – 76 cm (30’’)

d. Visual Standard : Visual Standard 6/6 \((\pm 1.5 \text{ (Spherical); } \pm 1.0 \text{ (Cylindrical)})\).

   * Colour blindness will not be accepted.

e. Hearing Standard: Hearing must be within normal limit.

**Note:** Weight should be proportionate to the height and age as standard in the Armed Forces.

**For AFMC Cadets:** To be fit by a medical board.
(c) 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 Inter Services Selection Board (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 2013

(d) Selection of Cadets
A total of 125 medical cadets (AFMC & AMC) will be admitted through open competition. 30% of the total seats will be kept reserved for the children of military personnel 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.

(e) There is no Male - Female ratio for AFMC cadets.
   Male - Female ratio will be 70:30 for AMC cadets only.

(f) Selection Procedure
Selection procedure is conducted by the Army Headquarters, Adjutant General’s Branch (Personnel Administration Directorate). Following procedures will be followed for selection:
   (1) Invitation of applications through advertisement in national dailies and website of the college (www.afmcbd.com)
   (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.

(g) Admission of Foreign Citizen. Upto 10% of total seats (maximum 10) 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 2016)
   (4) Physically fit, certified by medical board.
   (5) Security clearance by concerned authority.
(h) 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 shall 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 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 and jpg format.
   b. Signature – Recent, Size: 80/300 Pixel & less than 60 kb and jpg format.
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 selected for written examination will get SMS information. Those selected candidates will be able to download ‘Admit Card’ using user id and pass word 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 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.

(J) Entrance Examination. Candidates are selected for written examination on the basis of SSC and HSC results and other criteria as mentioned above. Basing on merit & quota total 7000 (approx) candidates will be allowed to sit for the written examination.

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 shall be deducted. Distribution of marks is as under:

<table>
<thead>
<tr>
<th>Ser No</th>
<th>Subject</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>Chemistry</td>
<td>30</td>
</tr>
<tr>
<td>b</td>
<td>Physics</td>
<td>30</td>
</tr>
<tr>
<td>c</td>
<td>Biology</td>
<td>30</td>
</tr>
<tr>
<td>d</td>
<td>English</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>
(2) 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. If students of 2015-2016 session who have go admission in any Govt. medical/dental colleges appear in the exam of current session, 05 (Five) marks out of their total marks obtain will be deducted. Pass marks in written exam is 40.

(3) AMC & AFMC candidate qualified in written examination will appear at preliminary and final medical examination respectively.

(4) Medically fit AFMC candidates will appear to viva voce examination for evaluation of communication skills, general knowledge, leadership qualities and human values.

(5) Preliminary medically fit AMC candidates will appear ISSB in order of merit. Candidates selected by ISSB will be examined by a final medical board at CMH, Dhaka.

(k) Appeal Medical Board (For AMC cadets only).
Candidates found “Unfit” in the final medical examination have the option to apply to the Army Headquarters, Adjutant General’s Branch 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.

(l) 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.

(l) 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.

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

(n) Scholarship/Stipend.
Medical cadets will get stipend/scholarship as per existing government policy.

(q) 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 will be liable to pay the compensation in following rate:
(2) If any AMC cadets 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 10,00,00/- (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.

<table>
<thead>
<tr>
<th>Time</th>
<th>AMC Cadets</th>
<th>AFMC Cadets</th>
</tr>
</thead>
<tbody>
<tr>
<td>In the 1st year of training in the AFMC</td>
<td>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</td>
<td>Tk 2,00,000/- (Taka two lac only) and the expenditure borne by AFMC for training of the medical cadet with 10% interest</td>
</tr>
<tr>
<td>In the 2nd year of training in the AFMC</td>
<td>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</td>
<td>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</td>
</tr>
<tr>
<td>In the 3rd year of training in the AFMC</td>
<td>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</td>
<td>Tk 3,00,000/- (Taka three lac only) and the expenditure borne by AFMC for training of the medical cadet with 10% interest</td>
</tr>
<tr>
<td>In the 4th year of training in the AFMC</td>
<td>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</td>
<td>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</td>
</tr>
<tr>
<td>In the 5th year of training in the AFMC</td>
<td>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</td>
<td>Tk 4,00,000/- (Taka four lac only) and the expenditure borne by AFMC for training of the medical cadet with 10% interest</td>
</tr>
<tr>
<td>During or after internship training</td>
<td>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</td>
<td>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</td>
</tr>
</tbody>
</table>

Priti Football Match arranged on the 16th Raising Day of College

Celebration of 16th Raising Day of AFMC
**Expenses of Study**

17. Cadets shall 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):

<table>
<thead>
<tr>
<th>Serial No</th>
<th>Category</th>
<th>AMC Cadet (In taka)</th>
<th>AFMC cadet Bangladeshi Cadets (In Taka)</th>
<th>Foreign Cadets</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fee/Charge</td>
<td></td>
<td>Children of Combat Personal (Serving &amp; Retired)</td>
<td>Children of employees of Govt/Semi-govt/Autonomous bodies (Serving only)</td>
</tr>
<tr>
<td>1</td>
<td>Admission fee (one time &amp; non-refundable)</td>
<td>Nil</td>
<td>10,000.00</td>
<td>10,000.00</td>
</tr>
<tr>
<td>2</td>
<td>Tuition fee (per month)</td>
<td>Nil</td>
<td>200.00</td>
<td>200.00</td>
</tr>
<tr>
<td>3</td>
<td>Caution money (one time &amp; refundable)</td>
<td>30,000.00</td>
<td>1,00,000.00</td>
<td>1,00,000.00</td>
</tr>
<tr>
<td>4</td>
<td>Outfit charge (per month)</td>
<td>750.00</td>
<td>750.00</td>
<td>750.00</td>
</tr>
<tr>
<td>5</td>
<td>Messing charge (per month)</td>
<td>4200.00</td>
<td>4200.00</td>
<td>4200.00</td>
</tr>
<tr>
<td>6</td>
<td>Laundry &amp; allied charges (per month)</td>
<td>300.00</td>
<td>300.00</td>
<td>300.00</td>
</tr>
<tr>
<td>7</td>
<td>Library, games, magazine &amp; sports fee (yearly)</td>
<td>600.00</td>
<td>900.00</td>
<td>900.00</td>
</tr>
<tr>
<td>8</td>
<td>Education assistance Fee (per month)</td>
<td>600.00</td>
<td>600.00</td>
<td>600.00</td>
</tr>
</tbody>
</table>

* 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.
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. 1x Officer nominated by Chief of Air Staff, Bangladesh Air Force - Member
      (Not below the rank of Air Commodore)
   13. 1x 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
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. 1 x Syndicate Member nominated by Vice chancellor - Member
   Bangladesh University of Professionals (Equivalent to the rank of Professor)
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. Directorate 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

Academic Council of the College. The academic council is composed 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 - Member
   (Not below the rank of Deputy Secretary)
8. Head of the Departments of all Basic Science, Para Clinical & Clinical Subjects - Member
   Armed Forces Medical College
9. Representative, 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:

[Diagram showing the controlling authority of AFMC]

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 Shahidullah
MBBS, MPH, MPhil
Deputy Commandant & Director Training

Major Khondker Musayed Reza
MBBS, MPH
GSO-2 (Trg)

Major Fatema Zerin Khan
MBBS, MD (Pharmacology)
GSO-2 (Coord)

Squadron Leader Md Khalid Ur Rahman, BAF
Accounts & Messing officer

Lieutenant M Jahirul Islam, BN
DAA&QMG

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 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 Mahmuda Ayub
MBBS, MPhil
Assistant Professor

Lt Col Nasrin Begum
MBBS, MPhil
Assistant Professor

Lt Col Sharmin Hossain
MBBS, MPhil
Assistant Professor

Dr Rowshan Ara Begum
MBBS
Lecturer

Dr Tanjima Rawnak
MBBS
Lecturer

Dr Munmun Rahman Tania
MBBS
Lecturer

Affiliated Faculty Members/Teachers

Lt Col Md. Azizur Rahman
MBBS, M Phil

Department of Physiology

23. 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 mechanism and also the physical and chemical factors that are responsible for the origin, development and progression of life. At the end of the course the medical cadets will be able to knew the normal functions of different structures of human body, the attained knowledge and skill to proceed in higher studies and research in the field of medical science. Total allocation of teaching hours for the subject for each course is 380 hours; of those 240 hours are for lectures and tutorial classes and the rest 140 hours for practical skills.
**Faculty Members**

Lt Col Sharmeen Sultana  
MBBS, M Phil  
Associate Professor & Head of the Dept.

Lt Zinia Parveen  
MBBS, M Phil  
Assistant Professor

Maj Mst Nasrin Nahar  
MBBS, MD  
Assistant Professor

Dr. Effat Khondaker  
MBBS  
Lecturer

Dr. Serin Rahman  
MBBS  
Lecturer

**Affiliated Faculty Members/Teachers**

Lt Col Sangita Mithun  
MBBS, M Phil  
Instructor, Physiology

**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. Yasmin Akter  
MBBS, DCP, FCPS  
Professor & Head of the Department

Lt Col Md Abdul Wahab  
MBBS, MD  
Assistant Professor

Dr. Sabrina Arupa  
MBBS  
Lecturer

Dr. Hanu Kamal Chowdury  
MBBS  
Lecturer

**Affiliated Faculty Members/Teachers**

Major Gen Debashish Shaha  
MBBS, FCPS, MMEd  
Commandant, 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**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brig Gen Mohammad Ali</td>
<td>Professor &amp; Head of the Department</td>
</tr>
<tr>
<td>Lt Col Maksumul Hakim</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>MBBS, MPH, M Phil (PSM)</td>
<td></td>
</tr>
<tr>
<td>Lt Col Latifa Rahman</td>
<td>Lt Col Riffat Zaman</td>
</tr>
<tr>
<td>MBBS, MPH, M Phil (PSM)</td>
<td>MBBS, MPH</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Asfa Afroz Mouri</td>
<td>Md. Mehedi Hasan Jewel</td>
</tr>
<tr>
<td>MBBS</td>
<td>B.Sc (Hons), MS (Med Ent)</td>
</tr>
<tr>
<td>Lecturer</td>
<td>Entomologist</td>
</tr>
</tbody>
</table>

**Department of Forensic Medicine and Toxicology**

26. Department of Forensic Medicine 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 mode, manner and cause in complicated incidents like a sudden, suspicious, unnatural, unattended, medically unexplained, litigious 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.

[19]
27. 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 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 the treatment and prevention of microbial diseases. 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.
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 Md Mohibur Rahman
MBBS, FCPS (Haematology)
Professor & Head of the Department

Col Mir Azimuddin Ahmed
MBBS, DCP, MCPS, FCPS (Haematology)
Associate Professor

Dr. Shajedul Imran
MBBS
Lecturer

Dr. Umma Farjana
MBBS
Lecturer

Affiliated Faculty Members/Teachers

Brig Gen SM Mahbubul Alam
MBBS, MCPS, FCPS (Histopathology)
Professor

Col Selina Akhter
MBBS, MCPS, FCPS (Histopathology)
Classified Specialist in Histopathology, AFIP

Col Sabbir Mahmud
MBBS, DCP, MCPS, FCPS (Haematology)
Classified Specialist in Haematology, AFIP

Col Md Mizanur Rahman
MBBS, DCP, MCPS, FCPS (Haematology)
Classified Specialist in Haematology, AFIP

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 4th year 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. Total allocation of teaching hours for the subjects is 200 hours in a divided of two terms, 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 4th year 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
Brig Gen Dipak Kumar Paul Chowdhury  
MBBS, M Phil, MMEd  
Professor & Head of the Department
Lt Col Wahida Rahman  
MBBS, M Phil  
Assistant Professor
Lt Col Sayeda Nazrina  
MBBS, M Phil  
Assistant Professor
Dr. Mehnaz Mahmooda  
MBBS  
Lecturer
Dr. Rokaiya Siddiqua  
MBBS  
Lecturer

Affiliated Faculty Members/Teachers
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.
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**

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

**Affiliated Faculty Members/Teachers**

Brig Gen Md Abdul Latif Khan  
MBBS, DDV, FCPS  
Adviser Specialist in Dermatology, CMH Dhaka

Maj Syeda Tania  
MBBS, DDV, FCPS  
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 acute 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. Total allocation of teaching hours for the subject is 50 hours for theoretical lectures and 10 weeks for clinical clerkship (ward duties) and 10 days block posting as per syllabus.

**Faculty Members**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Qualification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor &amp; Head of the Department</td>
<td>Brig Gen Nurun Nahar Fatema Begum</td>
<td>MBBS, FCPS, FRCP (Edin), FICS (USA)</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>Lt Col Farhana Jalil</td>
<td>MBBS, DCH, FCPS (Paediatrics), FCPS (P. Nephrology)</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>Maj Mukta Sarker</td>
<td>MBBS, FCPS</td>
</tr>
</tbody>
</table>

**Affiliated Faculty Members/Teachers**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Qualification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classified Specialist in Paediatrics, CMH Dhaka</td>
<td>Col Khaleda Akhtar</td>
<td>MBBS, DCH, FCPS, OJT in P. Gastroenterology</td>
</tr>
<tr>
<td>Classified Specialist in Paediatrics, CMH Dhaka</td>
<td>Col Jesmin Sultana</td>
<td>MBBS, DCH, MCPS, FCPS, OJT in Neonatology</td>
</tr>
<tr>
<td>Classified Specialist in Paediatrics, CMH Dhaka</td>
<td>Col Anjuman Ara Beauty</td>
<td>MBBS, DCH, FCPS, OJT in P. Neurology</td>
</tr>
<tr>
<td>Classified Specialist in Paediatrics, CMH Dhaka</td>
<td>Lt Col Sharmin Ara Ferdousi</td>
<td>MBBS, DCH, FCPS, OJT in P. Haemato-oncology</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Professor &amp; Head of the Department</td>
<td>Brig Gen Md Azizul Islam</td>
<td>MBBS, FCPS, FRCP (UK), Advance Training In Child Psychiatry (NIMHANS, India)</td>
</tr>
</tbody>
</table>

[24]
**Affiliated Faculty Members/Teachers**

Col M Kamrul Hasan
MBBS, MCPS, M Phil (Psych), Fellow Child Psychiatry (PCK)
Classified Specialist in Psychiatry, CMH Dhaka

Lt Col Mohammad Monirul Islam
MBBS, FCPS
Classified Specialist in Psychiatry, CMH Dhaka

Lt Col Sohel Hasan Choudhury
MBBS, FCPS
Classified Specialist in Psychiatry, CMH Dhaka

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**Surgery and Allied Subjects**

34. **Department of Surgery.** Department of Surgery offers training to the medical cadets of 3\(^{rd}\), 4\(^{th}\) and 5\(^{th}\) 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) and 3 ½ years of clinical practice in the affiliated teaching hospitals as well as the community-catchment areas as per syllabus.

**Faculty Members**

Brig Gen Md. Enamul Kabir
MBBS, FCPS (surgery)
Professor & Head of the Department
Dr Afrin Ahnaf
MBBS, Assistant Registrar

**Affiliated Faculty Members/Teachers**

Maj Gen (Retd) M A Mohaimen
MBBS, FRCS (Edin)
Professor

Brig Gen MD Shahidul Islam
MBBS, MCPS, FCPS (Surgery), FCPS (Urology)
Adviser Specialist in Surgery & Chief Urologist
CMH Dhaka

Col Md Aminul Islam
MBBS, MS (Neurosurgery)
Classified Specialist in Neurosurgery, CMH Dhaka

Brig Gen Md. Mahbubur Rahman
MBBS, FCPS
Chief Surgeon, CMH Dhaka

Brig Gen Musa Khan
MBBS, MS (Cardiovascular & Thoracic), FCVS (German)
Fellow Prince Sultan Cardiac Center (KSA)
HOD & In-Charge, Cardiovascular Surgery Centre, CMH Dhaka

Col Meherun Nesa
MBBS, MS (Paediatric Surgery)
Classified Specialist in Paediatric Surgery, CMH Dhaka
<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lt Col Md Rukun Uddin Chowdhury</td>
<td>MBBS, MS (Neurosurgery)</td>
<td>Classified Specialist in Neurosurgery, CMH Dhaka</td>
</tr>
<tr>
<td>Lt Col Md Abdur Rakib</td>
<td>MBBS, MCPS, FCPS (Surgery), FCPS (Urology)</td>
<td>Classified Specialist in Surgery, CMH Dhaka</td>
</tr>
<tr>
<td>Lt Col Md Shahinur Rahman</td>
<td>MBBS, FCPS (Surgery), FCPS (Thoracic Surgery)</td>
<td>Classified Specialist in Surgery, CMH Dhaka</td>
</tr>
<tr>
<td>Lt Col Masroor Hasan</td>
<td>MBBS, FCPS (Surgery)</td>
<td>Classified Specialist in Surgery, CMH Dhaka</td>
</tr>
<tr>
<td>Maj Kishore Kumar Das</td>
<td>MBBS, FCPS</td>
<td>Classified Specialist in Surgery, CMH Dhaka</td>
</tr>
<tr>
<td>Maj Md Kamruzzaman</td>
<td>MBBS, FCPS</td>
<td>Classified Specialist in Surgery, CMH Dhaka</td>
</tr>
<tr>
<td>Lt Col Mohammad Ashfaqr Rahman</td>
<td>MBBS, FCPS</td>
<td>Classified Specialist in Surgery, CMH Dhaka</td>
</tr>
<tr>
<td>Maj Nasima Rahman</td>
<td>MBBS, FCPS</td>
<td>Classified Specialist in Surgery, CMH Dhaka</td>
</tr>
</tbody>
</table>

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.

**Faculty Members**

Brig Gen Mozibul Haque  
MBBS, FCPS  
Professor

36. **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**

Lt Col Mohammad Ismail Hossain  
MBBS, MCPS, DO, FCPS, ICO (UK)  
Fellow in Phaco Surgery and Vitreo-retina Surgery  
Associate Professor & Head of the Department

Dr. Sabiha Farhana Islam  
MBBS  
Assistant Registrar

**Affiliated Faculty Members/Teachers**

Brig Gen Md Sayedur Rahman  
MBBS, DO, MCPS, FCPS  
Adviser Specialist in Ophthalmology, CMH Dhaka
37. **Department of Otorhinolaryngology and Head Neck Surgery.** The Department of Otorhinolaryngology 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  
Assistant Professor & Head of the Department

**Affiliated Faculty Members/Teachers**

<table>
<thead>
<tr>
<th>Faculty Member</th>
<th>Affiliated Faculty Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lt Col Md Touhidul Islam</td>
<td>Classified Specialist in Otorhinolaryngology, CMH Dhaka</td>
</tr>
<tr>
<td>Lt Col Md Delwar Hossain</td>
<td>Classified Specialist in Otorhinolaryngology, CMH Dhaka</td>
</tr>
</tbody>
</table>

38. **Department of Orthopaedic Surgery.** Department of Orthopaedic 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 Mohd Rezaul Karim  
MBBS, MS  
Professor & Head of the Department

**Affiliated Faculty Members/Teachers**

<table>
<thead>
<tr>
<th>Faculty Member</th>
<th>Affiliated Faculty Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lt Col Salim Ur Rahman</td>
<td>Classified Specialist in Orthopaedic Surgery, CMH Dhaka</td>
</tr>
</tbody>
</table>

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**

Brig Gen SM Mahbubul Alam  
MBBS, MCPS, FCPS (Histopathology)  
Professor & Head of the Department  
Lt Col Mostafil Karim  
MBBS, MCPS, DCP, FCPS, Clinical Fellow (Bone Marrow Transplantation & Clinical Haematology), Singapore  
Associate Professor

42. **Department of Obstetrics and Gynaecology**

42.1. 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 Liza Chowdhury  
MBBS, MCPS, DGO, FCPS, Fellow ART & RPM  
Professor & Head of the Department  
Lt Col Nargis Nahar  
MBBS, MCPS, DGO, FCPS, Fellow FM & HRP  
Assistant Professor

Dr. Shamima Akter  
MBBS, FCPS (Part-1), Assistant Registrar  
Dr. Shaila Sharmin  
MBBS, Assistant Registrar

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).

45. MBBS Course – Structure & Duration:

   a. The MBBS course is divided into four phases:

<table>
<thead>
<tr>
<th>Phase</th>
<th>Duration</th>
<th>Subjects</th>
<th>Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Phase</td>
<td>18 Months</td>
<td>Anatomy, Physiology, Biochemistry</td>
<td>First Professional MBBS</td>
</tr>
<tr>
<td>2nd Phase</td>
<td>12 Months</td>
<td>Community Medicine &amp; Forensic Medicine</td>
<td>Second Professional MBBS</td>
</tr>
<tr>
<td>3rd Phase</td>
<td>12 Months</td>
<td>Pharmacology &amp; Therapeutics, Pathology, Microbiology</td>
<td>Third Professional MBBS</td>
</tr>
<tr>
<td>4th Phase</td>
<td>18 Months</td>
<td>Medicine &amp; Allied subjects, Surgery &amp; Allied subjects, Obstetrics &amp; Gynaecology</td>
<td>Final Professional MBBS</td>
</tr>
</tbody>
</table>

   b. Phase wise distribution of teaching- learning hours:

1st Phase:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Lecture (in hours)</th>
<th>Tutorial</th>
<th>Practical</th>
<th>Others</th>
<th>Integrated teaching</th>
<th>Formative Exam</th>
<th>Summative exam</th>
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</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
<td>Preparatory Leave</td>
<td>Preparatory Leave</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Exam time</td>
<td>Exam time</td>
</tr>
<tr>
<td>Anatomy</td>
<td>115</td>
<td>53</td>
<td>52</td>
<td>-</td>
<td>Dissection + Card exam 310</td>
<td>30 hrs</td>
<td>35 days, 42 days</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Preparatory Leave</td>
<td>Preparatory Leave</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Exam time</td>
<td>Exam time</td>
</tr>
<tr>
<td>Physiology</td>
<td>120</td>
<td>120</td>
<td>100</td>
<td>-</td>
<td>-</td>
<td>30 days</td>
<td>30 days</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>120</td>
<td>100</td>
<td>100</td>
<td>-</td>
<td>-</td>
<td>30 days</td>
<td>30 days</td>
</tr>
<tr>
<td>Total</td>
<td>355</td>
<td>273</td>
<td>252</td>
<td>310</td>
<td>5</td>
<td>35 days, 42 days</td>
<td>30 days, 30 days</td>
</tr>
</tbody>
</table>

Behavioral science, communication skill and medical ethics will be taught through five lectures (5 hours) within 1st phase under supervision of Community Medicine Department.

Grand Total: 1195
### 2nd Phase:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Lecture (in hours)</th>
<th>Tutorial</th>
<th>Practical/ Demonstration</th>
<th>Integrated teaching</th>
<th>Formative Exam</th>
<th>Summative exam</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Medicine</td>
<td>110</td>
<td>160</td>
<td>COMES (community based medical education): 30 days (10 days day visit + RFST + 10 days study tour) - 30 days (10+10+10)</td>
<td>05</td>
<td>Preparatory Leave: 15 days</td>
<td>15 days</td>
<td>20 days</td>
</tr>
<tr>
<td>Forensic Medicine</td>
<td>80</td>
<td>55</td>
<td>55</td>
<td>05</td>
<td>Preparatory Leave: 15 days</td>
<td>15 days</td>
<td>20 days</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>190</strong></td>
<td><strong>215</strong></td>
<td><strong>55</strong></td>
<td><strong>10</strong></td>
<td><strong>Preparatory Leave: 15 days</strong></td>
<td><strong>15 days</strong></td>
<td><strong>20 days</strong></td>
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### 3rd Phase:

<table>
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<th>Subject</th>
<th>Lecture (in hours)</th>
<th>Tutorial</th>
<th>Practical</th>
<th>Others</th>
<th>Formative Exam</th>
<th>Summative exam</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pharmacology &amp; Therapeutics</td>
<td>100</td>
<td>30</td>
<td>50</td>
<td>Clinical Pharmacology 20</td>
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<td>Pathology</td>
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<tr>
<td>Microbiology</td>
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<td>15 days</td>
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<td><strong>Total</strong></td>
<td><strong>300</strong></td>
<td><strong>175</strong></td>
<td><strong>123</strong></td>
<td><strong>20</strong></td>
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<td><strong>15 days</strong></td>
<td><strong>618</strong></td>
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### 4th Phase

**Medicine & Allied Subjects:**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Lecture (in hours)</th>
<th>Tutorial classes</th>
<th>Clinical (bedside teaching), in weeks</th>
<th>Total weeks</th>
<th>Block posting</th>
<th>Formative exam</th>
<th>Summative exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal Medicine</td>
<td>26</td>
<td>24</td>
<td>110</td>
<td>200</td>
<td>20 hrs</td>
<td>14</td>
<td>06</td>
</tr>
<tr>
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<td>20</td>
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<td>-</td>
</tr>
<tr>
<td>Dermatology</td>
<td>-</td>
<td>-</td>
<td>20</td>
<td>20</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Pediatrics</td>
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<td>25</td>
<td>04</td>
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<td>-</td>
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<td>05</td>
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</tr>
<tr>
<td>Emergency Medicine</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>30</strong></td>
<td><strong>44</strong></td>
<td><strong>181</strong></td>
<td><strong>255</strong></td>
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[30]
### Surgery & Allied Subjects:

<table>
<thead>
<tr>
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<th>Lecture (in hours)</th>
<th>Tutorial/Practical/Demonstration</th>
<th>Integrated teaching</th>
<th>Clinical/Bedside teaching (in week)</th>
<th>Total weeks</th>
<th>Block posting</th>
<th>Formative Exam</th>
<th>Summative Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; phase</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt; phase</td>
<td>4&lt;sup&gt;th&lt;/sup&gt; phase</td>
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<td>60</td>
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<td>Radiology</td>
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<td>Radiotherapy</td>
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<td>15</td>
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<td>15</td>
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<td>Burn Plastic Surgery</td>
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</tr>
<tr>
<td>Ophthalmology</td>
<td>-</td>
<td>40 hrs</td>
<td>40</td>
<td>80</td>
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<td></td>
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<tr>
<td>Otolaryngology</td>
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<td>40</td>
<td>80</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Total</td>
<td>-</td>
<td>-</td>
<td>300 hrs</td>
<td>200</td>
<td></td>
<td>20</td>
<td>20 wks</td>
<td>14 wks</td>
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</table>

Grand Total: 520 hours, 62 weeks, 75 days

### Obstetrics & Gynaecology:

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Tutorial/Demonstration</th>
<th>Integrated Teaching</th>
<th>Total hours</th>
<th>Clinical bedside Teaching in 3&lt;sup&gt;rd&lt;/sup&gt; &amp; 4&lt;sup&gt;th&lt;/sup&gt; phase</th>
<th>Block placement</th>
<th>Formative exam</th>
<th>Summative exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&lt;sup&gt;rd&lt;/sup&gt; phase</td>
<td>30 hrs</td>
<td>70 hrs</td>
<td>85 hrs</td>
<td>15 hrs</td>
<td>200 hrs</td>
<td>16 weeks (8+8)</td>
<td>4 weeks</td>
</tr>
<tr>
<td>4&lt;sup&gt;th&lt;/sup&gt; phase</td>
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<td></td>
</tr>
</tbody>
</table>

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:

#### 1<sup>st</sup> Professional Exam:

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Written Exam marks</th>
<th>Structured Oral Exam marks</th>
<th>Practical Exam marks</th>
<th>Formative Exam marks</th>
<th>Total Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Soft Part</td>
<td>Hard Part</td>
<td></td>
</tr>
<tr>
<td>Anatomy</td>
<td>180</td>
<td>150</td>
<td>75</td>
<td>75</td>
<td>20</td>
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<td>Physiology</td>
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<td>20</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>180</td>
<td>100</td>
<td>100</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1300</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### 2nd Professional Exam:

<table>
<thead>
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<th>Subjects</th>
<th>Written Exam marks</th>
<th>Structured Oral Exam marks</th>
<th>Practical Exam marks</th>
<th>Formative Exam marks</th>
<th>Total Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Medicine</td>
<td>90</td>
<td>100</td>
<td>100</td>
<td>10</td>
<td>300</td>
</tr>
<tr>
<td>Forensic Medicine</td>
<td>90</td>
<td>100</td>
<td>100</td>
<td>10</td>
<td>300</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>600</strong></td>
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</tbody>
</table>

### Third Professional Exam:

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Written Exam marks</th>
<th>Structured Oral Exam marks</th>
<th>Practical Exam marks</th>
<th>Formative Exam marks</th>
<th>Total Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pharmacology &amp; Therapeutics</td>
<td>90</td>
<td>100</td>
<td>100</td>
<td>10</td>
<td>300</td>
</tr>
<tr>
<td>Pathology</td>
<td>90</td>
<td>100</td>
<td>100</td>
<td>10</td>
<td>300</td>
</tr>
<tr>
<td>Microbiology</td>
<td>90</td>
<td>100</td>
<td>100</td>
<td>10</td>
<td>300</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>900</strong></td>
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</tbody>
</table>

### Fourth Professional Exam:

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Written Exam marks</th>
<th>Structured Oral Exam marks</th>
<th>Clinical Exam marks</th>
<th>Practical Exam marks</th>
<th>Formative Exam marks</th>
<th>Total Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicine &amp; Allied Subject</td>
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<td>100</td>
<td>100</td>
<td>100</td>
<td>20</td>
<td>500</td>
</tr>
<tr>
<td>Surgery &amp; Allied Subject</td>
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<td>100</td>
<td>100</td>
<td>100</td>
<td>20</td>
<td>500</td>
</tr>
<tr>
<td>Obstetrics &amp; Gynaecology</td>
<td>180</td>
<td>100</td>
<td>100</td>
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<td><strong>Total</strong></td>
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<td></td>
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<td></td>
<td></td>
<td><strong>1500</strong></td>
</tr>
</tbody>
</table>

"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) (except in Community Medicine) for each paper.
  c. 70% Marks are allocated for short answer question (SAQ) (except in Community Medicine) 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.

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.

### 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)

<table>
<thead>
<tr>
<th>Year</th>
<th>Exam</th>
<th>Total cadets</th>
<th>% of Pass</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Appeared</td>
<td>Passed</td>
</tr>
<tr>
<td>2001</td>
<td>1st Professional Exam</td>
<td>54</td>
<td>48</td>
</tr>
<tr>
<td>2002</td>
<td>1st Professional Exam</td>
<td>52</td>
<td>44</td>
</tr>
<tr>
<td>2003</td>
<td>1st Professional Exam</td>
<td>51</td>
<td>48</td>
</tr>
<tr>
<td></td>
<td>2nd Professional Exam</td>
<td>51</td>
<td>40</td>
</tr>
<tr>
<td>2004</td>
<td>1st Professional Exam</td>
<td>50</td>
<td>46</td>
</tr>
<tr>
<td></td>
<td>2nd Professional Exam</td>
<td>48</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>Final Professional Exam</td>
<td>52</td>
<td>38</td>
</tr>
<tr>
<td>2005</td>
<td>1st Professional Exam</td>
<td>49</td>
<td>43</td>
</tr>
<tr>
<td></td>
<td>2nd Professional Exam</td>
<td>50</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>Final Professional Exam</td>
<td>46</td>
<td>34</td>
</tr>
<tr>
<td>2006</td>
<td>1st Professional Exam</td>
<td>50</td>
<td>45</td>
</tr>
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<td>51</td>
<td>37</td>
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<td>48</td>
<td>38</td>
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<td>2007</td>
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<td>43</td>
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<td>42</td>
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<td>47</td>
</tr>
<tr>
<td>2008</td>
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<td>40</td>
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<td>46</td>
<td>41</td>
</tr>
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<td>2009</td>
<td>1st Professional Exam</td>
<td>97</td>
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<td>47</td>
</tr>
<tr>
<td>2010</td>
<td>1st Professional Exam</td>
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<td>82</td>
</tr>
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<tr>
<td>2011</td>
<td>1st Professional Exam(Jul-2011)</td>
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<td>83</td>
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<tr>
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<td>1st Professional Exam(Jul-2012)</td>
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<td>85</td>
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<td>2nd Professional Exam(Jul-2012)</td>
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<td>2nd Professional Exam(Jul-2013)</td>
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<td>67</td>
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<td>Final Professional Exam(Jan-2013)</td>
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<td>81</td>
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<td>2015</td>
<td>1st Professional Exam(May-2015)</td>
<td>117</td>
<td>98</td>
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<td>2nd Professional Exam(Jul-2015)</td>
<td>84</td>
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<td>Final Professional Exam(Jan-2015)</td>
<td>103</td>
<td>83</td>
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<td>2016</td>
<td>1st Professional Exam(May-2016)</td>
<td>117</td>
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<td>2nd Professional Exam(May-2016) (New)</td>
<td>111</td>
<td>94</td>
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<tr>
<td></td>
<td>Final Professional Exam(Jan-2016)</td>
<td>103</td>
<td>95</td>
</tr>
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</table>
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)
   d. Wall Magazine

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. 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.

59. 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 holydays) 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

60. 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.

Correspondence and Address

60. 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.afmcbd.com

Conclusion

61. 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.

62. 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.