Prospectus 2024

IMCB H-9

UNITY   FAITH   DISCIPLINE

Islamabad Model College for Boys H-9, Islamabad

URL: www.imcbh9.edu.pk   Tel: 051-9265593

Principal's Message

It gives me immense pleasure to convey my sentiments to the candidates seeking admission in IMCB, H-9 Islamabad, their parents and the others concerned. As Principal of the oldest and prestigious degree college in the town, I feel myself indebted to the future generation for ensuring conducive learning environment, character building and making them civilized human beings. The college caters to the educational needs of the future leaders of Pakistan. I am reasonably optimistic that with highly qualified & experienced teaching staff and commitment of the management, we shall continue to produce excellent results at all levels by optimally utilizing the vast & beautiful campus and infrastructure. Improved academic routines, better discipline, co-curricular and extra-curricular activities are being ensured in order to add to the reputation and the high pedestal status of the college.

With the introduction of undergraduate programs in affiliation with Quaid-e-Azam University, we foresee more admissions in the offered market-oriented programs. Following the vision of the present government, guidelines of the Ministry of Federal Education and Professional Training and under the umbrella of Federal Directorate of Education, we at this college, do ensure more conducive environment, academic and co-curricular activities for the grooming of students.

My office is open for all the concerned for the betterment of their wards and the college.

Prof. Javaid Iqbal Mughal
Principal

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Principal

Introduction

Islamabad Model College for Boys H-9, Islamabad, formerly Federal Govt. College (Men) H-9 Islamabad, is one of the oldest institutions of the Federal Capital. It was founded by the Punjab Government in 1965. The Federal Government took over administrative control of this college in 1974. It is situated on main double road linking the twin cities (9th Avenue), and is easily accessible through public and private transport. The college has a vast area of 47 acres, a very beautiful campus with spacious classrooms, a library, laboratories, administrative and academic blocks and an auditorium. A gymnastic stadium, cricket, football and hockey grounds, basketball court, magnificent Jamia mosque and hostel for the students who hail from far flung areas, are the unique features of the campus.
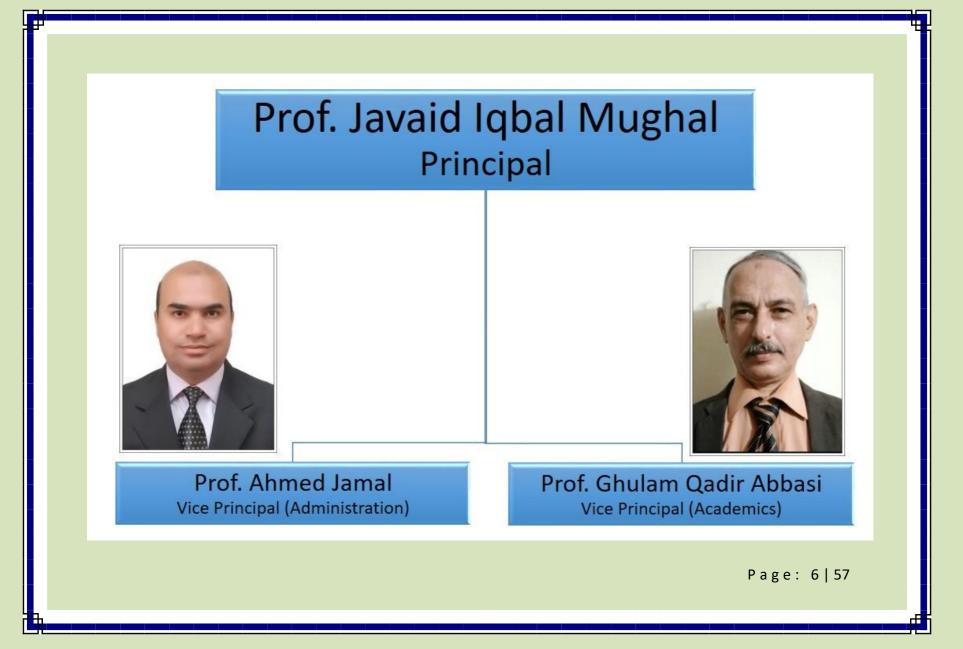
Our ultimate goal is to provide quality education to the students of Federal area and from all the four provinces, in healthy academic atmosphere so that they become valuable and proud Pakistanis and exercise their skills and expertise in their respective fields. IMCB H-9, Islamabad has shown great improvement in the Board / University results in the previous years. We are optimistic to improve further in academic, co-curricular and curricular activities in the coming years. The college has a teaching staff of more than 100 highly qualified teachers, some of them are foreign qualified and are of national and international repute. The college is affiliated with the Federal Board of Intermediate & Secondary Education Islamabad at Intermediate level. We offer Commerce, Humanities, Pre-Medical, Pre-Engineering, General Science and Computer Science disciplines at intermediate level. With the strong zeal and effort of the management, we have successfully started undergraduate programs in affiliation with Quaid E Azam University, initially in Computer Science, Physics and Islamic Studies since 2019. We have got reasonable maturity level in conducting BS Level programs by providing adequate teaching learning facilities and conducive environment. With the special efforts the management, the College has attained a new and better look which has sufficiently increased academic discipline and college reputation among masses.

Programs Offered

Intermediate Level	Undergraduate Level
In affiliation with Federal Board of Intermediate and Secondary Education **(FBISE), Islamabad**	In affiliation with **Quaid-e-Azam University Islamabad Accredited** by **NCEAC** (F-19) Category "Y"
(2 Year Program) **Annual Examination based**	**BS (4 Year Program)** Since 2019 **Semester Based**
- F.Sc (Science Groups) - Pre-Engineering - Pre-Medical - General Science (Combinations on Page-23) - Intermediate with Computer Science - Intermediate in Commerce (I.Com) F. A (Humanities Group) **in wide variety of subjects / combinations**	- BS- Computer Science - BS- Physics (Boys & Girls) - BS-Islamic Studies (Boys & Girls)
	Associate Degree Program (ADP) (2-Year / 4 Semesters)
	ADP-Islamic Studies (Boys & Girls)

Prof. Javaid Iqbal Mughal
Principal

Prof. Ahmed Jamal
Vice Principal (Administration)

Prof. Ghulam Qadir Abbasi
Vice Principal (Academics)

Faculty and Human Resources held:

Department of Arabic

1. **Dr. Asif Mehmood**.
   Assistant Professor
   Ph.D. (Arabic), M.A (Islamic Studies)

2. **Mr. Muhammad Saleem**.
   Lecturer
   M.Phil. (Arabic)

Department of Biology

1. **Mr. Saadat Bashir Qureshi**
   Assistant Professor
   M.Sc (Botany)

Department of Botany

1. **Mr. Abid Ali Mughal**
   Assistant Professor
   M. Phil (Biotechnology)

2. **Dr. Nadeem Ahmed**   (On Temp Duty at FDE)
   Lecturer
   Ph.D. (Botany)

Department of Computer Science

1. **Dr. Safdar Zaman**
   Associate Professor
   M.Sc, MSCS,
   Ph.D. (Computer Science) Post-Doc (Austria)

2. **Mr. Zaheer Ahmad Babar**
   Assistant Professor
   M.S (Computer Science), B.Ed

3. **Mr. Kashif Basir**
   Assistant Professor
   M.S (Computer Science – Software Engineering)

4. **Mr. M Farooq Azam Khan**
   Lecturer
   M.S (Computer Science – Software Engineering)

5. **Mr. Zeeshan Haider Shah**
   Lecturer
   M.S (Computer Science) , B.Ed

6. **Mr. Nadeem Taj**
   Lecturer
   M.S (Computer Science - Telecom & Networks)
   MCP, MCSE, MCDBA, CCNA, CCAI, CompTia A+ Certified

7. **Dr. Javid Ullah**
   Lecturer
   Ph.D. (Computer Science), M.A. (Eco) M.Ed.

8. **Mr. Shamsuddin Qureshi**
   Lecturer
   BSCS (Hons), B.Ed, M.Phil (Education)

9. **Mr. Riaz**
   Lecturer
   BSCS (Hons), B.Ed.

Department of Commerce

1. **Mr. Areem Zia**
   Lecturer
   M.S (Finance), M.A.(P.S), M.A. (Divinity)

2. **Mr. Zulfiqar Ali**
   Lecturer
   M.Com, M.Sc (Rural Dev), M.Ed

Department of Chemistry

1. **Mr. Waqar Ahmed**   (On deputation)
   Assistant Professor
   M.Sc. (Chemistry)
2. **Mr. Abdul Rahim**
   Assistant Professor
   M.Sc. (Chemistry)
3. **Mr. Sajid Ali Khan**
   Lecturer
   M.Sc. (Chemistry)

Department of English

1. **Mr. Ghulam Qadir Abbasi**
   Associate Professor / Vice Principal (Acad)
   M.Phil. (English)

2. **Mr. Muhammad Abbas**
   Associate Professor
   M.A. (English)

3. **Mr. Manzar Zafar Kazmi**
   Associate Professor
   M.A. (English)

4. **Mr. Muhammad Habibullah**
   Assistant Professor
   M.A. (English)

5. **Mr. Muhammad Waseem**
   Lecturer
   M.A. (English)

6. **Mr. Abu Zar**
   Lecturer
   M.A. (English)

7. **Mr. Saleem Akhtar**
   Lecturer
   M.Phil. (English), B.Ed.

Department of History

1. **Mr. Muhammad Nauman Farooqui**
   Assistant Professor
   M.Sc. (History), B.Ed.

Department of Health & Physical Education

1. **Mr. Muhammad Tahir Shahid Bhatti**
   Assistant Professor
   M.Sc. (Health and Physical Education)

Department of Islamic Studies

1. **Dr. Khalid Hameed**
   Associate Professor
   Ph.D. (Islamic Studies), M.A. (Arabic)
   Shahada-tu-Almia (Wafaq-ul-Madaris)

2. **Dr. Hafiz Muhammad Umer**
   Assistant Professor
   Ph.D. (Islamic Studies).

3. **Mr. Zakir Bacha**
   Assistant Professor
   M.A. (Isl Studies), B.Ed.

4. **Mr. M. Asim Mughal**
   Lecturer
   Dars-e-Nizami, B.S (English Literature)

Department of Economics

1. **Mr. Muddasir ul Zaman**
   Associate Professor
   M. Phil (Economics)

2. **Syed Mujtaba Ali**
   Assistant Professor
   M.A. (Economics)

Department of Geography

1. **Mr. Salahudin**
   Assistant Professor
   M.Sc. (Geography)

Department of Library Science

1. ------------------------

Department of Mathematics

1. **Mr. Muhammad Rizwan**
   Associate Professor
   M.Sc. (Mathematics)

2. **Mr. Muhammad Tariq**
   Associate Professor
   M.Sc. (Mathematics)

3. **Mr. Muhammad Faisal**
   Assistant Professor
   M.Phil. (Applied Mathematics), PGD(IT), B.Ed.

4. **Dr. Irfan Younis**   (On deputation)
   Lecturer
   Ph.D. (Pure Mathematics)

Department of Physics

1. **Dr. Muhammad Faiz Alam**
   Associate Professor
   Ph.D. (Physics)

2. **Mr. Nadeem Ali Hussain**
   Assistant Professor
   M.S. (Physics)

3. **Dr. Muhammad Imran**
   Assistant Professor
   Ph.D. (Physics), B.Ed.

4. **Mr. Zaheer Abbas Baloch**   (On Long Leave)
   Assistant Professor
   M. Phil. (Physics)

5. **Mr. Noor Muhammad**
   Assistant Professor
   M.Sc. (Physics) M.Ed.

6. **Mr. Kanwer Muhammad Nabeel**
   Lecturer
   M.Phil. (Physics), B.Ed.

7. **Mr. Muhammad Usman Khan**
   Lecturer
   B.S (Physics) M.Ed.

8. **Mr. Jouseph Sardar**
   Lecturer
   M.Phil. (Physics), B.Ed.

Department of Political Science

1. **Mr. Tariq Iqbal**
   Assistant Professor
   M.A. (Political Science), M.A. (International Relations

2. **Mr. Fazal Abbas**
   Lecturer
   M.A (Political Science), B.Ed

Department of Philosophy

1. **Mr. Talha Iftikhar**
   Lecturer
   M.Phil. (Philosophy)

Department of Persian

1. **Dr. Huzaifa Eman**
   Lecturer
   Ph.D. (Persian)

Department of Psychology

1. **Mr. Amjad Ali**
   Associate Professor
   M.Phil. (Psychology)

2. **Mr. Shahid Ijaz**
   Lecturer
   M.S (Clinical Psychology)

Department of Pakistan Studies

1. **Mr. Ahmed Jamal**
   Associate Professor / Vice Principal (Admn)
   M.Phil. (Pakistan Studies)

2. **Dr. Imran Ahmed**
   Assistant Professor
   Ph.D. (Pakistan Studies)

3. **Mr. Azmat Ullah Raja**
   Assistant Professor
   M.Phil. (Pakistan Studies)

Department of Urdu

1. **Mr. Shahid Mehmood**
   Assistant Professor
   M.S (Urdu), M.A. (Edu), M.A. (Islamic Studies), B.Ed.

2. **Mr. Nasir Niaz Rana**
   Assistant Professor
   M.Phil. (Urdu)

3. **Mr. Iftikhar Ahmed**
   Lecturer
   M.A. (Urdu)

4. **Mr. Amjad Masood**
   Lecturer
   M.A. (Urdu)

Department of Statistics

1. **Mr. Sabir Ali.**
   Assistant Professor
   M.Sc. (Statistics), B.Ed.

2. **Mr. Bilal Ahmed**
   Lecturer
   M.Phil. (Statistics), B.Ed.

3. **Mr. Nabeel Ahmed**
   Lecturer
   M.Phil. (Statistics)

Department of Zoology

1. **Mr. Muhammad Zahid Yousaf**
   Assistant Professor **(On Temp Duty at IMCG I-8/3)**
   M.Sc. (Zoology)

2. **Mr. Ibrar Khan**
   Lecturer
   M.Sc. (Zoology)

3. **Mr. Ahmed Suleman Sohail**
   Lecturer
   M.Phil. (Biology)

Administrative Staff

1. Mr. Ajmir Ali Khan   Bursar
2. Mr. Muhammad Shahzad   APS
3. Mr. Ijaz Ahmed Khan   Head Clerk
4. Muhammad Mudassar Khan   C.L.I.
5. Mr. Muhammad Zulfiqar   L.D.C
6. Mr. M. Naeem Khan   L.D.C
7. Mr. Sajid Ali (Temp/Duty FDE)   L.D.C.
8. Mr. Muhammad Zulfiqar   L.D.C
9. Mr. Muhammad Jamil   L.D.C
10. Syed Maddasar Hussain Shah   L.D.C
11. Mr. Muhammad Nasir   L.D.C
12. Mr. Dilshad Ali   L.D.C
13. Syed Ahsan Naeeem   Electrician

Admission to Intermediate Classes

Basic Eligibility (As notified by Federal Directorate of Education)

a) Candidates who have passed Secondary School Certificate (SSC) or equivalent examination and meeting any of the below listed category are eligible for admission to HSSC-I & HSSC-II
   i. Federal Government employees' sons residing in Islamabad / Rawalpindi
   ii. Sons of residents of Islamabad capital territory.
   iii. Sons of diplomats stationed at Islamabad.
b) A candidate who has passed his last examination from an institution located in Islamabad or its Federal area shall produce residence certificate from the Estate office / CDA or in lieu of any other valid legal document in support of his claim.
c) Admission to classes XI and XII will be determined on merit as per seats allocated according to various categories are given below :

Sr No.	Quota Category	Percentage of Quota
1.	Open Merit	89%
2.	FATA / FANA (Quota)	03%
3.	Disabled Students (Quota)	02%
4.	(Sports Quota)	05%
5.	Real sons of teachers/ employees of educational institutions of the Federal Govt. in Islamabad (concerned setup)	* 01%
6.	Transfer cases **(over and above the mentioned quota)**	* 02%
* Seats in every institution in the order of merit amongst themselves		

N.B: Bottom line of marks may be reviewed if sufficient applications have not been received in a particular group, subject to prior approval of the Director General (Education) FDE Islamabad.

Admission Policy

General Instructions

Following general instructions will be strictly followed in the process of admission to different disciplines.

1. A candidate domiciled in FATA/FANA will not contest against a reserved seat/quota if he has qualified SSC/ HSSC examination from any institution outside the territorial jurisdiction of FATA/FANA. However after the admission process is completed, and there are vacant seats against this category, admission may be granted with FATA/FANA domicile.
2. Top three position holders from any board will be eligible for admission in F.A/F.Sc/I.Com regardless of the basic eligibility criteria i.e. proof of residence.
3. Students seeking admission on sports quota should have participated in sports activities at the board level. They will submit, along with the application form, a valid certificate issued from the relevant board certifying their claim. Merit within sports quota will be determined after addition of points obtained as per following criteria to the total marks obtained by the applicant. In this regard, final decision regarding admission on sports basis will be made by the sports committee after holding trials.
    a. Acceptable Sports Certificates for admission on Sports Quota
        - 1st Prize/Championship in an individual/team event at board level.
        - 2nd Prize/Runner up in an individual/team event at board level.
        - 3rd Prize/Runner up in an individual/team event at board level
        - Participation in an individual/team event at board level.
        - Participation at national level as a team member or in an individual event
4. If any seat(s) against any quota are not fully utilized due to non-availability of eligible candidates, the same will stand transferred to the Open Merit quota. However, proper documentation of transfer of each seat shall be made for verification, initially by the Director concerned, to be consented finally by the Director General.

5. No casual admission will be granted.
6. Admission will be granted only once in an academic year on dates fixed by the College/FDE after the declaration of results by the Examination Boards.
7. The candidates placed in compartment in SSC/ HSSC examination may compete for admission after clearing the subject(s) in the same year within prescribed time limit fixed by the FBISE, subject to availability of seats in the institution or next year as fresh candidate.
8. Candidates seeking admission with a gap of one or more years may be considered for admission, however they will have to submit an affidavit of good conduct duly verified by head of the institution last attended. Reason(s) of the gap should also be clearly stated in the affidavit. Merit of such candidates will be determined after deducting five marks for each year of the gap from the total marks obtained by them. The college shall determine the years of gap to be considered for admission.
9. The number of seats will be determined by the institution in each faculty after careful consideration of physical facilitates and the teaching staff available. However, the number of seats will be finalized by Federal Directorate of Education in consultation with the head of the Institution before commencement of the academic session.
10. All foreign students are required to route their applications for admission through respective / concerned Ministry, Government of Pakistan.
11. Twenty (20) marks will be added for **Hifz-e-Quran** for admission at all levels. Candidate has to prove/provide a certificate of successful completion of course from registered/recognized institution
12. Migration cases, eligible for admissions as per policy, will be entertained by the institution where seats are available, provided that the merit in the desired discipline of the institution is not compromised. No local migration will be allowed. However the relaxation in rules may be permitted by the competent authority i.e. Director General, Federal Directorate of Education keeping in view the genuine hardships on case to case basis.
13. Notice for calling the applicants for admission would be advertised in the Press by the Federal Directorate of Education, Islamabad.

14. Every successful applicant will submit an affidavit on legal stamp paper, solemnly assuring the Principal that he will refrain from participating in politics or in any subversive activity during the course he remains on the college roll. His Parent/guardian will endorse this undertaking and will further under take that his ward would be liable for removal from the college roll if he participates in political activities and does not abide by the rules/regulations of the college.
15. In case any person other than father/mother of the candidate is guardian, a proper affidavit/ guardianship certificate will have to be submitted. Guardianship other than real grandparents, elder brother/sister and Maternal/paternal uncles shall not be accepted.
16. Students are expected to exercise their choice of subjects carefully with due consideration. Ordinarily, change will not be allowed to the choice once exercised. However in cases of extreme hardships change of subjects may be allowed within maximum of two weeks after commencement of the classes. This change, of course, will be subject to the condition that a candidate admitted in a group of low merit does not opt for a group of higher merit.
17. The last date for admission fixed by the Federal Directorate of Education shall be strictly adhered to. In case the Principal is in need of filling the vacant seats after the expiry of the stipulated admission date, he will seek formal permission from Federal Directorate of Education.
18. Attendance criteria prescribed by the Federal Board and the University will be strictly adhered to. The Principal will ensure that transparent, regular and unambiguous record of daily attendance is maintained at all times on an accountable roll call register.
19. Hostel facility shall be provided subject to availability. However, it is not right of the students in any case.
20. The last date for admission fixed by the Federal Directorate of Education shall be strictly adhered to. In case a Principal is in need of filling the vacant seats after the expiry of the stipulated admission date, he will seek formal permission from Federal Directorate of Education.

Academic Session

The academic session for HSSC - I & II is determined by the Federal Board of Intermediate & Secondary Education, Islamabad and for undergraduate programs, by the Quaid-e-Azam University,.

Admission Procedure.

The admission form duly filled in and complete in all respects is to be submitted to the college office. On submission of the form, the college will furnish a receipt. The dates of the interview will be notified on the college Notice Board. A list of the candidates provisionally selected for admission will be put up on the Notice Board. The selected candidates will get themselves enrolled by paying the required/applicable fees, within specified time limit. A selected candidate who fails to enroll in time will lose his claim for admission.

Code of Conduct

The candidates are granted admission to this institution with the specific understanding that they will abide by rules and regulations of the college regarding discipline, uniform and attendance in classes, as laid down by the college administration. In this regard, they must strictly adhere to the following code of conduct:

1. During stay in the college, every student will diligently apply himself to the field of study in which he is enrolled.
2. He will participate in extra and co-curricular activities compatible with his aptitude.
3. He will never use violence, threat of violence or pressure for settlement of differences or disputes with his fellow students, college employees or teachers.
4. He shall respect the judgment of the authorities constituted by the college for the settlement of all such matters
5. He will refrain from:
   a. Indulging in the use of unfair means or malpractice in examination.

b. Allowing or abetting entry into the college premises of unauthorized persons.
c. Bringing into the campus, consuming or encouraging the use of drugs, narcotics, alcoholic products or any kind of weapons.
d. Damaging college property including building, equipment and vehicles etc.
e. All such activities which are defined by the college authorities as nonacademic/ undesirable/ objectionable and which bring disgrace and a bad name to the college.
f. Aimless wandering and other unbecoming activities in shopping centers / public places in the vicinity of the college while in college uniform.
g. Bringing any guest in the college premises.
h. He will uphold and practice propriety, modesty and decorum in his behavior and conduct.
i. Use of mobile phones is strictly prohibited in the college campus.

6. He will uphold and practice propriety, modesty and decorum in his behavior and conduct.
7. Use of mobile phones is strictly prohibited in the college campus.

Attendance and Detention

1. According to the Federal Board regulations, **a student must attend at least 75% of the lectures delivered** in each of his subjects failing which his examination form will not be sent up for the Board. The same rules apply to science practical also.
2. A student who remains absent from any class for a continuous period of 06 days or 12 days during a month, will automatically stand struck off the college rolls. However, subject to a satisfactory explanation and comments of the teacher concerned, the Principal reserves the right to accept/ reject the students request for re-admission; a student struck off twice will not be admitted again.

3. Students are required to pass in all the subjects/papers in the send-up examinations held by the college failing which their examination forms will not be sent up for Board examinations.

Imposition of Fine

1. According to the instructions of Federal Directorate of Education, Islamabad, vide education code 2006, an absence fine at the rate of RS.10 per period / day will be charged from the student. The head of institution is empowered to impose a special fine up to a maximum of RS: 1000.

Remission of Fine

1. The head of the institution is empowered to remit / reduce the fine mentioned above.

Identity Card Rules

1. A student, on his admission in the college, is provided identity card. It carries a photo duly signed by the Principal/ Vice Principal. Students must keep the college identity cards with them and must produce whenever demanded. Failure to do so is liable to be fined/ punished. Duplicate identity cards are not issued except under very special circumstances. A fine of Rs: 200/ - will be charged for issuance of a duplicate card.
2. Bus cards are available to all bona-fide students of the college which are signed by the principal and the relevant transport authorities. A fine of Rs: 100/- is charged for issuance of duplicate bus card.

Fee Concession / Stipends

1. The Principal of the college may admit deserving students on the score of poverty at half of the prescribed rates of Tuition Fee (where applicable) up to a limit of 15% of total number on the roll of the college, such concessions shall be withdrawn in case of unsatisfactory progress in studies and conduct.
2. If two or more brothers/ sisters are studying in the Federal Government Colleges, the younger ones will be eligible for half fee concession.
3. The college awards a number of stipends to poor and deserving students from the Mutual Help Fund reserved for this purpose. Rate of monthly stipend is fixed by the Principal through Mutual Help Fund Committee, according to the need of the applicant and the availability of funds.
4. All concessions are tenable for one year, provided the attendance, academic performance and conduct of the student continue to be satisfactory.
5. 5. The fee concession committee invites applications for fee concession at the beginning of each session. Students are interviewed by the committee and the concession is granted to the deserving students only.
6. Good conduct and satisfactory progress in studies are essential for the grant as well as for the continuation of the concession.
7. Applications for financial aid/fee concession must be furnished on the prescribed forms which may be obtained from the college office and must be countersigned by the father/ guardian of the applicant, and duly verified by employers in respect of the total emoluments drawn each month. Scholarship holders shall not be eligible of fee concession in any case.(Vide applicable Education Code, issued by FDE)

College Leaving Rules

If a student wishes to leave the college, he must apply to the principal in writing at least seven days before his intended departure and his application must be countersigned by his father/guardian. Clearance of college accounts, library books, the college hostel and different departments (if he is a science student) is pre-requisite. No Objection Certificate is also necessary from Director Physical Education/ College Proctorial Board.

Migration from Other Boards/ Universities (requirements)

If other-wise eligible, the cases of transfer will be treated under the following two categories:

1. If the transfer takes place at a time when the regular admissions for first year/ third year are open, the student will compete in accordance with the criteria laid down for the other candidates.
2. If the transfer takes place at a time when the academic session is in progress, the student will be considered for admission, subject to the merit determined for regular admissions. Students migrating from other boards / universities will produce the following:
   i. Marks sheet of SSC / HSSC
   ii. A character and school/ college leaving certificate from the head of the institution last attended.
   iii. Migration certificate of the Board / University from where the student has passed SSC/HSSC examinations except Federal Board / Quaid-e-Azam University, Islamabad.
   iv. Record of attendance and house exams of the college.
   v. In addition to the normal character certificate, the Principal may, if he deems proper, call for a special report of good behavior, attendance, student's reputation, and his overall behavior in the college.
3. If a student is permitted to join the college but fails to pay his dues on or by the date notified by the college, his admission will stand cancelled.

Expulsion

Wherever it is deemed necessary (for any reason) in the interest of college, a student may be suspended, rusticated, expelled from the college by the competent authority.

Scheme of Studies (Intermediate Level)

The intermediate examination consists of two parts.

- Part-1 includes six papers, five of which are of 100 marks each and of three hours duration while one paper is of 50 marks and has 2 hours duration (Islamic Education/ civics for non-Muslims).
- Part-II includes six papers, five of which are of 100 marks each and of three hours duration while one paper is of 50 marks and has 2 hours duration. (Pakistan Studies).

Combinations of Subjects Offered

Compulsory Subjects

Sr. No	Compulsory Subjects		Paper Max Marks
	HSSC Part-1	HSSC Part-2	
1	English	English	100 marks each
2	Urdu	Urdu	100 marks each
3	Islamic Education/Ethics (for Non-Muslims)	Pakistan Studies	50 marks each

A list of the combination of subjects is given below. Candidates must refer to the list of combinations while filling in the admission forms.

Elective Subjects

Students are required to select ONE of the following combinations. This selection should be made carefully as no change will be allowed after admission, except in extreme hardship cases. 3 Papers of 100 Marks Each = 300 marks

Elective 1 (100 Marks)	Elective 2 (100 Marks)	Elective 3 (100 Marks)	Combination Code
Pre-Engineering Group			
Physics	Chemistry	Mathematics	Pre-Eng
Pre-Medical Group			
According to Pakistan Engineering Council Policy Decision vide Letter No. PEC/EAD/46-VCCM/Regulations/2023 dated March 30, 2023, All candidates who have passed their HSSC Exam with Pre-Medical subjects, shall be eligible to get admission in Bio-Medical and Bio-Engineering Disciplines in Universities. (See copy on Page-27)			
Physics	Chemistry	Biology	Pre-Med
General Science Group			
Mathematics	Statistics	Physics	GS-Phy
ICS Group (General Science With Computer Science)			
According to Pakistan Engineering Council Policy Decision vide Letter No. PEC/EAD/46-VCCM/Regulations/2023 dated March 30, 2023, All candidates who have passed their HSSC Exam with ICS shall be eligible to get admission in all Engineering Disciplines in Universities. (See copy on Page-27)			
Mathematics	Statistics	Computer Science	ICS-Stat
Mathematics	Physics	Computer Science	ICS-Phy

Elective 1 (100 Marks)	Elective 2 (75 Marks)	Elective 3 (75 Marks)	Elective 4 (50 Marks)
Commerce Group (I.Com) has 4 Elective Subjects			
Commerce Group (I.Com-Part-I)			
Principles of Accounting	Principles of Economics	Principles of Commerce	Business Mathematics
Commerce Group (I.Com-Part-II)			
Principles of Accounting	Commercial Geography	Principles of Banking	Business Statistics

Combination Code	Elective 1 (100 Marks)	Elective 2 (100 Marks)	Elective 3 (100 Marks)
Humanities Group			
1.	Islamic Studies	Health & Physical Education	Persian
2.	Islamic Studies	History	Civics
3.	Islamic Studies	History	Arabic
4.	Islamic Studies	Philosophy	Geography
5.	Economics	Health & Physical Education	Geography
6.	Economics	Philosophy	Civics
7.	Economics	History	Persian
8.	Economics	Philosophy	Arabic

9.	Psychology	Health & Physical Education	Civics
10.	Psychology	Health & Physical Education	Arabic
11.	Psychology	History	Geography
12.	Psychology	Philosophy	Persian

Library Rules

The library consists of two sections, i.e, reference room, and reading room. It has a collection of almost 20 thousand books on different subjects by different authors.

1. College library books will not be lent to outsiders.
2. Maximum of 10 books can be issued to teachers for period of 2 months. However they can retain the books for a full academic session, if the duplicate copies of books are available in the library. All the books must be returned before annual verification i.e.31st May of each year.
3. Students of all classes can borrow two books at a time.
4. Books will be lent for a period of 14 days; this period can be extended further after the physical presentation of books.
5. Reference books cannot be issued but these can be consulted in the library during working hours.
6. A book lost/ damaged in any way will have to be replaced by the borrower or he will pay the current price of the book plus a fine up to a maximum of Rs: 50.
7. A fine of Rs: 1/- per day each book will be imposed on overdue books.
8. Students will borrow books only against the library card. Every borrower shall be responsible for the books drawn by him.
9. The borrower and readers who abuse their privileges will be reported to the Principal for appropriate action.
10. Sanctity of library requires maintenance of complete silence. Eating and smoking is strictly forbidden in the library. Any breach of the sanctity shall be dealt strictly.

11. During annual stock- checking the library will remain open but the borrowing privileges will remain suspended. All books on loan with the borrowers will be returned before the stock checking.
12. The library books must be returned at least 10 days before the commencement of preparatory leave for annual examination.

College Council

The College Council is a supreme body in all matters regarding academics, administration and all other related functions. The Principal shall call meeting of the College Council whenever required to deliberate over any case. Decisions taken by the College Council are treated as final and unchallengeable. The following constitute the College Council.

1. Principal - Chairman
2. Vice Principal (Admin) - Member
3. Vice Principal (Academics) - Member
4. Nominated Member - I
5. Nominated Member - II

Pakistan Engineering Council
(Constituted under Pakistan Engineering Council Act, 1976 enacted by the Parliament)

Engineering Accreditation Department

Ataturk Avenue (East),
G-5/2, Islamabad

PEC/EAD/46-VCCM/Regulations/2023
March 30, 2023

All Vice Chancellors/ Rectors/ Heads
Universities/ HEIs in Pakistan

Subject: **Policy Decision – Amendment in Article 2(a)(i) of PEC Regulations for Engineering Education in Pakistan**

I am directed to state that 46th Vice Chancellors' Committee (VCC) in its meeting held on February 2, 2023 decided the following amendment on the subject matter:

"He or she has passed the Higher Secondary School Certificate (HSC/ HSSC) Pre-Engineering Examination with Physics, Chemistry and Mathematics, securing at least 60% marks in aggregate of a University, a Board of Intermediate or Board of Intermediate and Secondary Education in Pakistan. **In addition, a combination of Physics, Mathematics and Computer Studies/ Computer Science (ICS) is allowed for admission in all Engineering Programs, with Chemistry as a remedial subject/ course in the 1st Semester after admission.** *A combination of Biology, Physics and Chemistry (Pre-Medical) is also allowed for admission in Bio-Medical or Bio-Engineering."*

Forwarded for information and compliance as approved by the Competent Authority, please.

With regards

(Engr. Dr Ashfaq Ahmed Sheikh)
Additional Registrar/Secretary VCC

Copy to:

a. Convener EAB
b. PS to Chairman / Registrar, PEC

Academic Council

The College Academic Council determines academic policy of the college. The following constitute the college Academic Council:

1. Principal - Chairman
2. Vice Principal (Academics) – Member
3. All Heads of the Departments - Members

Fee Structure for Intermediate Classes

(Subject to revision by competent authority)   **Morning Session / Fee in Pk Rupees**

Sr No	Head of Account	Amount	Remarks	Sr No	Head of Account	Amount	Remarks
1.	Admission fee/ fund	200	Once	2.	Library Security	250	Refundable
3.	Tuition fee	225	Monthly	4.	PTA/CMC Fund	50	Annually
5.	Student fund	200	Monthly	6.	Lab. Charges (per Lab)	20	Monthly
7.	Examination Fee	200	Annually	8.	Late Coming Fine	50	Per day
9.	Admission Fund	800	Once	10.	Absence Fine	50	Per day
11.	College Leaving Cert.	25	Each Time	12.	Improper Uniform	100	Per day
13.	Computer Lab. Charges	100	Monthly	14.	Class/ College bunking	50	Per day
15.	Magazine Fund	100	Annually	16.	Late fee fine	200	20th day
17.	Fee Card	20	Each Time	18.	Violation of Discipline	100	Each Time
19.	Bus Fee	500	Monthly	20.	Absence from Exam/Event	50	Per day/event

Note. Admission fee once deposited will not be refunded in any case.

College Magazine

College Magazine entitled "Manzil" is periodically published. It is supervised by the Editorial Board which is patronized by the principal and headed by the Chief Editor. The Editorial Board comprises teachers from Urdu & English Departments, because the creations published in the magazine are both in Urdu & English Languages. "Manzil" contains articles of both the teachers as well as the students. It plays an important role in mental grooming of the students. For this propose, like many other prestigious institutions, this college also offers an ample opportunity to the students to express themselves in different literary genres, like poetry, plays, stories, jokes, fiction writing, criticism and in vast range of scientific, social and other fields under the supervision of their teachers. This co-curricular activity for the promising young learners helps them in the practical life in the later years.

Student Transport

The college has six buses which provide transport facility to the students coming from different areas of the twin cities (Islamabad & Rawalpindi). Keeping in view the number of students, the transport facilities available are not sufficient. However, the college administration tries its best to chalk out routes of the buses in such a manner that maximum number of students can be accommodated. Keeping in view the number of the students coming from different areas, the change in route of the buses is also possible if a considerable number of students apply for this. However, the students who travel by the college transport are supposed to keep discipline and follow all other rules in the buses. In case of any type of violations, the case is referred to the Transport In-charge. However, in serious cases, the Transport In-charge may refer the case to the Chief Proctor who may penalize the student appropriately.

College Management Committee (CMC)

The importance of parent-teacher co-operation towards shaping the career of the students is universally acknowledged. It enables the parents to understand what the college is doing for their sons/wards. The college has a College Management Committee (CMC). It consists of parents and teachers, elected for two years in a general body meeting. The Principal is patron of Parents Teachers Association. The President of CMC and other elected members from the parents hold meetings time and again. This meeting provides an opportunity to them to discuss affairs regarding needs of the students and the ways they can be provided maximum facilities to the students in the academics. In the CMC meetings, parents are invited and this gathering provides them an opportunity to discuss problems of their sons/ wards with their teachers.

Excursions/ Celebrations/ Functions/ Trips Committee.

There is an excursion/ celebrations/function/trips committee which holds celebrations on different occasions and arranges debate competitions in the College. It also prepares students to participate in intercollegiate competitions. Many students of the college have been seen on the victory stand and have won trophies in these competitions. These co-curricular activities are an integral part of all the activities performed in the College.

Proctorial Board

The Proctorial Board consists of members of the teaching staff and some of the student proctors also. It is headed by the senior Chief Proctor and the Chief Proctor. The Proctorial Board is responsible for ensuring discipline and order in the college. It also ensures that all the students come to the college in proper uniform and well in time. Those who violate discipline are penalized keeping in view the violation recorded. Under the present administration, the Proctorial Board has performed excellent duties assigned to them. That is why, marked improvement has been seen in discipline, regularity of classes and the routine of the students. It has not only improved the academics of the college but also, we are optimistic, will create a conducive environment in the college

in the days to come. Therefore, every coming student will automatically become disciplined and the institution will offer an excellent atmosphere congenial to learning and personality building.

Sports Committee

The college has a Sports Committee under the supervision of the Department of Health & Physical Education. Many members of the teaching staff are also In-Charges of different teams. IMCB H-9, offers a number of sports to the students to participate in them for physical health and personality grooming. We have a vast campus consisting of 47 acres with big stadium (being used both for cricket as well as football), Hockey ground, Basket Ball ground, Volley Ball, a Gymnasium, a court for Badminton, a Hall for table tennis and some others. In the past, the college teams have won many Inter-Board and University Competitions. The college authorities firmly believe that sports are as necessary as are the academics. With this vision, all possible facilities are provided to the students, and sports ceremonies are arranged time and again.

Hostel

There is a small building with a limited residential facility for the students who hail from FATA/ FANA, Kashmir, Baluchistan and other far flung areas of the country. The hostel helps to meet, to a certain extent, the residential needs of students of this institution. It is looked after by Hostel Management Committee. A Residential Hostel Warden is Chairman of the committee. The committee is responsible for providing all possible facilities to the hostel boarders congenial to comfortable living and provision of peaceful atmosphere for studies. The residents of the twin cities of Islamabad and Rawalpindi are not entitled to the hostel facility.

The guests are not allowed in the College Hostel. Besides, the students applying for the Hostel facility will submit an affidavit that they will co-operate with the Hostel Administration and follow strictly the rules and regulations notified/made by the hostel administration. Students are accommodated in the hostel (as per Policy) because of limited seats. During summer vacation, all

boarders shall vacate the hostel and it shall remain closed. Any boarder wishing to stay in the hostel during vacation must obtain prior permission from the Principal, well in time. Misbehavior or violation of hostel rules /routine will be severely penalized. Keeping in view sensitivity of a case, the Hostel Warden may request the Principal to constitute a committee for its resolution, as per the college rules.

Dispensary

The College has a dispensary where First Aid is available to the Students. The College administration is trying to improve the services available. A full time dispenser is there to provide first Aid in case of emergency. The present Administration is trying to provide more medical facilities for the dispensary. Ambulance service is also available in the College to take the students and the staff members to the hospital in case of emergency. This ambulance is available for the hostel boarders round the clock. A driver residing within the college campus performs this duty.

Examination

The college conducts First term, Mid-Term and Final Term Internal Examinations in which students' attendance is mandatory. Monthly tests are conducted by the end of each month. The send-up exams are conducted in December every year. Likewise, Pre-board exams are held at the conclusion of academic session. The results of all the home exams are communicated to the parents/guardians through MIS system. Parent teacher meetings are also arranged regularly for better coordination among the parents and the teaching staff to ensure best performance of the students.

Management Information System (MIS)

The college has an up-to-date Management information system (MIS). The college MIS committee works tirelessly to maintain up-to-date information about students. Management Information System (MIS) helps the parents/ guardians build up a

healthy career of their sons/wards by keeping them aware of students' attendance and academic updates. MIS wing is also maintaining college website www.imcbh9.edu.pk to keep the students and parents/ guardians in constant and instant touch with the college for live updates.

College Uniform

College uniform is compulsory for all regular and bona-fide students of the college. Detail of the college uniform is as under:

Item ↓	SUMMER UNIFORM		WINTER UNIFORM	
Level →	HSSC	Undergraduate	HSSC	Undergraduate
Shirt	Light blue	Light Gray	Light blue	Light Gray
Trousers	Steel grey	Black	Steel grey	Black
Socks	Black	Black	Black	Black
Shoes (With Laces)	Black	Black	Black	Black
Neck Tie	Maroon	Black	Maroon	Black
Pullover/Jersey/Sweater			Maroon	Black

NOTE:

1. No student will be allowed to enter the college premises without uniform.
2. Admission to the college will be provisional and subject to the wearing of the prescribed uniform.
3. Students are required to come in uniform on the commencement of the session. No student will be allowed, in any circumstances, to attend the classes without uniform.

Islamabad Model College for Boys H-9, Islamabad
Affiliated with Quaid-e-Azam University, Islamabad

Proudly Offers

BS(4-Years Semester based) Programs in

- Computer Science (Boys)
  (Accredited by NCEAC / HEC)

- Physics (Boys & Girls)

- Islamic Studies (Boys & Girls)

ADP (2-Years Semester based) Program in

- Islamic Studies (Boys & Girls)

Fee Structure for each BS Programs (Current Session)

(Fee structure is subject to change with the approval of the competent authority)

SR #	Head of Account	Fee (Rs) to be deposited for	
		Semester 1	For each Semester from 2 to 8
1	University Registration Fee	4,500	
2	University Sports Charges	1,000	1,000
3	Student Fund	15,800	10,000
4	Admission Fund	1000	
5	Health Fund	1,650	1,650
6	Library Security (Refundable)	2,000	2,000
7	Admission Fee (Government Fund)	200	
8	Tuition Fee	1350	1350
9	Terminal Examination Fee	5000	5,000
10	University Degree Fee 8th Semester		*3479
11	Breakage Fund	780	780
12	College Magazine	100	
13	PTA/CMC Fund	35	35

- *University Degree fee shall be charged during the last Semester
- College Administration reserve the right to revise fee structure at any time after approval of the competent authorities and / or revision of fee by the Quaid-i-Azam University Islamabad.

Bachelor of Science (Computer Science)

Objectives

We are determined to produce computing professionals and entrepreneurs to lead technical, economic and social development of the society. The BS Computer Science program provides understanding of the fundamental and advanced concepts of Computer Science. The aim is to prepare graduates who can analyze, design and develop effective software systems. Our BS Computer Science program is oriented to construct reliable, robust and usable software. Student will be able to design, implement and manage systems combining rich scientific, computational, communication and multimedia facilities in different domains. We wish to provide our students with a balanced breadth and depth of knowledge in computer science that will enable them to begin their professional career in software industry or to continue their further education.

Our BS(CS) program enable students to:

- Analyze and solve problems using their computing knowledge
- Design effective solutions using appropriate techniques and tools
- Communicate effectively both verbally and in writing
- Work independently where required, but also to coordinate in teams
- Learn new technologies
- Understand their ethical responsibilities as computer professionals

Program Structure

During the BS program, students will be able to master the expertise about the current and future issues affecting the usage and development of computer-based systems. Initially students learn basics of computing discipline through foundation courses, and will build their knowledge of the discipline through core courses. In the last three semesters students will extend their knowledge in a specialized area of their choice through elective courses and consolidate the whole of the courses material in the final year compulsory project.

Salient Features:

- Degree from Quaid-e-Azam University
- Highly Qualified Faculty
- Up-to-date Computer Labs
- Multimedia Classrooms
- Very Nominal Fee
- Large collection of Library books
- Semester-based Examinations
- Public Sector Prestigious College at Central Location
- Near Metro Bus Terminal
- Easy and Ample Public Transport
- Fleet of College Transport
- Best Discipline
- Cafeteria
- Indoor/outdoor playing facilities
- Mosque

Faculty

All the faculty members at Department of Computer Science IMCB H-9 are regular government employees and possess requisite academic and professional qualifications and industry certifications. Department has two Ph.D's (a PostDoc) and rest are M.S /M.Phil qualified. Our faculty is having wide experience of research, software development technologies and are well aware of market needs & trends.

Eligibility for Admission

- At least 50% marks in the HSSC or an equivalent examination.
- Must have studied **Mathematics** at the HSSC level.
- Below **22** years of age at the time of admission.

Accreditation Status – As on June 6, 2024

NCEAC / HEC accredited our BSCS Program for One Year. For Batch inducted in Fall-2019. We have been rated in category "Y". Accreditation process for 4 Batches (Fall-2000 onwards) is in process. NCEAC Assessment visit is expected in second week of June 2024.

Revised HEC QAU BSCS Curriculum
Effective from 2023

Sr.	Cr. Hours Distribution Category	Credit Hours
1.	Computing Core	46
2.	Domain Core	18
3.	Domain Elective	21
4.	Math and Supporting	12
5.	Elective Supporting	03
6.	General Education	30
	TOTAL	**130**

Code	Course Title	Cr. Hr.
	Semester-1	
EN-101	**Functional English**	**3**
PS-101	**Ideology & Constitution of Pakistan**	**2**
MA-101	**Calculus & Analytical Geometry**	**3**
PH-101	**Applications of ICT**	**2**
CS-101	**Applications of ICT - LAB**	**1**
CS-194	**Problem Solving and Programming**	**3**
CS-194	**Problem Solving and Programming**	**1**
	Semester Credit Hours	**15**

Semester-2		
EN-102	Expository English	3
IS-101	Islamic Studies / Ethics	2
SC-101	Social Sciences (Elective)	2
MA-102	Multivariable Calculus	3
PH-110	Introductory Mechanics and Waves	3
CS-120	Object Oriented Programming	3
CS-190	Object Oriented Programming LAB	1
	Semester Credit Hours	17
Code	Course Title	Cr. Hr.
Semester-3		
MA-203	Discrete Mathematics	3
EN-201	Technical & Business Writing	3
CS-103	Introduction to Computer Organization	3
CS-211	Data Structures	2
CS-211	Data Structures - LAB	1
CS-212	Human Computer Interaction	3
	Semester Credit Hours	16
Semester-4		
CH-101	Civics and Community Engagement	2
MA-302	Linear Algebra	3
CS-213	Computer Organization & Assembly Language	3
CS-293	Computer Organization & Assembly Language (LAB)	1
CS-225	Database System	3
CS-225	Database System	3
	Semester Credit Hours	16

Code	Course Title	Cr. Hr.
	Semester-5	
ST-101	**Probability and Statistics**	**3**
CS-321	**Software Construction**	**2**
CS-391	**Software Construction Lab**	**1**
CS-226	**Operating System**	**2**
CS-296	**Operating System LAB**	**1**
CS-311	**Analysis and Design of Algorithm**	**3**
CS-414	**Artificial Intelligence**	**3**
DE-001	**Domain Elective 1**	**3**
	Semester Credit Hours	**18**
	Semester-6	
CS-331	**Theory of Automata**	**3**
CS-321	**Computer Architecture**	**2**
CS-391	**Advance Database Systems**	**1**
CS-226	**Advance Database Systems LAB**	**2**
CS-296	**Computer Communication and Networks**	**3**
DE-002	**Domain Elective 2**	**3**
DE-003	**Domain Elective 3**	**3**
	Semester Credit Hours	**18**
Code	**Course Title**	**Cr. Hr.**
	Semester-7	
GE-101	**Entrepreneurship**	**2**
AR-102	**Arts and Humanities Elective**	**2**
CS-411	**Compiler Construction**	**3**
CS-489	**Project I**	**2**
DE-004	**Domain Elective 4**	**3**
DE-005	**Domain Elective 5**	**3**
	Semester Credit Hours	**15**

Semester-8		
SE-001	**Elective Supporting**	**3**
CS-413	**Introduction to Information Security**	**3**
CS-490	**Project II**	**4**
DE-006	**Domain Elective 6**	**3**
DE-007	**Domain Elective 7**	**3**
	Semester Credit Hours	**15**
	Program Credit Hours	**130**
*	1 Cr. Hr LAB = 3 Hrs of Lab Work	

HEC QAU BSCS Curriculum
Effective old batches prior to 2023

Code	Course Title	Cr. Hr.
Semester-1		
EN-101	English-1	3
PS-101	Pakistan Studies	2
MA-101	Calculus & Analytical Geometry-I	3
PH-101	Introductory Mechanics & Waves	3
CS-101	ICT/Introduction to Computing	3
CS-105	Problem Solving and Programming	2+1
	Semester Credit Hours	17
Semester-2		
EN-102	English-2	3
IS-101	Islamic Studies	2
MA-102	Calculus & Analytical Geometry-II	3
PH-103	Electricity, Magnetism and Thermal Physics	3
MA-205	Discrete Mathematics	3
CS-121	Object Oriented Programming	3+1
	Semester Credit Hours	18

Code	Course Title	Cr. Hr.
Semester-3		
EN-201	English – 3	3
PY-101	Introduction to Psychology	3
CS-211	Data Structures	2+1
CS-212	Human Computer Interaction	3
CS-103	Introduction to Computer Organization	3
	Semester Credit Hours	16
Semester-4		
CH-101	Chemistry-I	3
CS-225	Database System	3
MA-207	Differential Equations & Linear Algebra	3
CS-213,293	Computer Organization & Assembly Language	3+1
CS-222	Analysis and design of Software Systems	3
	Semester Credit Hours	16
Code	**Course Title**	**Cr. Hr.**
Semester-5		
ST-101	Introductory Biology	3
CS-311	Analysis & Design of Algorithms	3
ST-101	Probability & Statistics	3
CS-322	Software Construction	2+1
CS-324	Web Applications Development	2+1
CS-223	Operating Systems	3
	Semester Credit Hours	18

Semester-6		
EC-201	Principles of Economics	3
CS-331	Theory of Automata	3
CS-312	Computer Communications & Networks	3
CS-423	Computer Graphics	3
One Elec	One Elective from CS Electives offered	3
	Semester Credit Hours	15
Code	Course Title	Cr. Hr.
Semester-7		
CS-489	Project-I	3
CS-411	Compiler Construction	3
CS-414	Artificial Intelligence	3
CS-332	Net Centric Programming	3
One Elec	One Elective from CS Electives offered	3
	Semester Credit Hours	15
Semester-8		
CS-490	Project-II3	3
CS-474	Software Testing Techniques3	3
CS-449	ICT and Society3	3
One Elec	One Elective from CS Electives offered	3
One Elec	One Elective from CS Electives offered	3
	Semester Credit Hours	15
Degree Credit Hours		130
* +1 means One CR Hr of Lab = 3 Hrs of Lab Work		

Bachelor of Science (Physics)

Objectives

We wish to produce graduates who are able to function in outstanding manner in diverse areas like academia, research in R&D organizations, technical experts for government or private sector or as teachers in colleges or high schools in whatever capacity they serve. They are expected to carry with them the knowledge base as well as the critical and analytical abilities developed by our program to ensure that our graduates have a thorough grounding in the fundamentals of Physics,

BS (Physics) 4-Year Program comprises of Eight Semesters.

Salient Features:

- Degree from Quaid-e-Azam University
- Highly Qualified Faculty
- Up-to-date Computer Labs
- Multimedia Classrooms
- Very Nominal Fee
- Large collection of Library books
- Semester-based Examinations
- Public Sector Prestigious College at Central Location
- Near Metro Bus Terminal
- Easy and Ample Public Transport
- Fleet of College Transport
- Best Discipline

- Cafeteria
- Indoor/outdoor playing facilities
- Mosque

Faculty

All the faculty members in the Department of Physics possess requisite academic and professional qualifications including Ph.D. and MS/M.Phil. They are regular government employees and have vast teaching and research experience.

Eligibility for Admission to BS (Physics)

- At least 50% marks in the HSSC or an equivalent examination.
- Must have studied **Physics** and **Mathematics** at the HSSC level.
- Below **22** years of age at the time of admission

BS (Physics) Course Structure

(130 Credit Hours)

Semester 1	Cr Hr	Semester 2	Cr Hr
Introductory Mechanics / Lab	3+1	Waves and Optics / Lab	2+1
Functional English-I	3	Functional English-II	3
Calculus and Analytical Geometry-I	3	Calculus & Analytical Geometry-II	3
Introduction to Pakistan Studies	2	Chemistry-II / Lab	2+1
General Chemistry	2+1	Introduction to Programming	3
Introduction to Computing	3	Islamic Studies	2
Semester 3	**Cr Hr**	**Semester 4**	**Cr Hr**
Functional English-III	3	Modern Physics / Lab	3+1
Probability and Statistics	3	Introductory Biology	3
Economics	3	Thermal and Statistical Physics	3
Vector calculus & Complex numbers	3	Differential Equation and Linear Algebra	3
Basics of Electromagnetism / Lab	3+1	Introduction of Psychology	3
Semester 5	**Cr Hr**	**Semester 6**	**Cr Hr**
Classical Mechanics-I	3	Classical Mechanics-II	3
Methods of Mathematical Physics-I	3	Methods of Mathematical Physics-II	3
Circuit and Devices	3	Quantum Mechanics-I	3

Electromagnetism-I	3	Electromagnetism-II	3
Laboratory-I	3	Techniques of Experimental Physics-I	3
Semester 7	**Cr Hr**	**Semester 8**	**Cr Hr**
Quantum Mechanics-II	3	Atomic and Molecular Physics	3
Condensed Matter Physics-I	3	Computational Physics	3
Statistical Physics	3	Introduction to Laser Physics	3 Opt
Sub-Atomic Physics	3	Sub-atomic Physics II	3 Opt
Laboratory-II	3	Condensed Matter Physics-II	3 Opt
		Plasma Physics	3 Opt
		Introduction to Quantum Information and Computation	3 Opt
* +1 means One CR Hr Lab = 3 Hrs of Lab Work		Optics	3 Opt

Bachelor of Science / ADP (Islamic Studies)

Objectives

- To provide in-depth knowledge of basic Islamic Sciences such as al-Quran, al-Hadith, al-Fiqh, Islamic History, Islamic Thought, Seerah, Islamic Culture and Islamic Civilization.
- To provide basic skills of pure sciences and social sciences that are required to be performed by a graduate.
- To create better understanding of Islam and contemporary challenges faced by the Muslim Ummah.
- To prepare scholars, who can participate in advance research activities.
- To establish a cadre of professionals in the domain of Islamic Studies who can be potential candidates of post-graduate and doctorate level studies.
- To make the students of Islamic Studies capable of understanding and solving current contemporary issues in the light of Islamic teaching.

BS (Islamic Studies) 4-Year Program comprises of EIGHT Semesters.
ADP (Islamic Studies) 2-Year Program comprises of FOUR Semesters.

Salient Features:

- Degree from Quaid-e-Azam University
- Highly Qualified Faculty

- Multimedia Classrooms
- Very Nominal Fee
- Semester-based Examinations
- Large collection of books
- Public Sector Prestigious College
- Central Location
  - Near Metro Bus Terminal
  - Easy and Ample Public Transport
- Fleet of College Transport
- Best Discipline
- Mosque
- Cafeteria
- Playing facility

Faculty

All the faculty members in the Islamic Studies department possess requisite academic and professional qualifications including Ph.D. and MS/M.Phil. They are regular government employees and have vast teaching and research experience.

Eligibility for Admission

- At least 50% marks in the HSSC or an equivalent examination for BS
- At least 45% marks in the HSSC or an equivalent examination for ADP.
- Below 22 years of age at the time of admission.

BS (Islamic Studies) Course Structure
(8 Semesters for BS 130 Credit Hours)

Semester 1	Cr. Hr	Semester 2	Cr. Hr
English I	3	English-II	3
Pakistan Studies	2	Islamic Studies/Ethics (Compulsory)	3
Math/Stat-I	3	College/University Optional	3
General Course –I	3	General Course – III	3
General Course –II	3	General Course –IV	3
Introduction of Topics of Holy Qur'an (F-1)	3	Arabic Language – I (F-2)	3
Semester 3	**Cr. Hr**	**Semester 4**	**Cr. Hr**
English-III	3	English-IV/University Optional	3
Introduction to Computer	3	General-VII	3
General-V	3	General – VIII	3
General-VI	3	History & Compilation of Hadith (F-4)	3
Ulum-al-Qur'an (F-3)	3	Arabic Languages-II (F-5)	3
		History of Fiqh (F-6)	3

Semester 5	Cr. Hr	Semester 6	Cr. Hr
Study of Seerah of the Holy Prophet (PBUH) (F-7)	3	Ulum-al-Hadith (F-4)	3
History of Tafseer and its Principles (F-8)	3	Textual Study of Muslim Family Laws (M-5)	3
Textual Study of al-Qur'an-I (M-1)	3	Textual Study of al-Qur'an – II (M-2)	3
Textual Study of Hadith-1 (M-3)	3	Ethics of Disagreement in Islam (M-6)	3
Study of Islamic Fiqh-I (F-9)	3	Introduction to World Religions (M-7)	3
		Textual Study of Aqeeda Tuhawiya (M-14)	2
Semester 7	Cr. Hr	Semester 8	Cr. Hr
Al- Dawah wal Irshad (M-8)	3	Islamic Economics (M-11)	3
Usul-al-Fiqh (F-10)	3	Islam & Science (E-9)	3
Methodology of Research in Islamic Studies (E-1)	3	Objectives of Shari'ah (E-6)	3
History of Islamic Culture and Civilization (M-10)	3	Thesis/Research Project	6
Study of Islamic Fiqh I (فقه الماليات) (E-2)	3		
Study of Islamic Fiqh II (فقه الجنايات) (E-3)	3		

ADP (Islamic Studies) Course Structure

(4 Semesters 66 Credit Hours)

Semester 1	Code	Cr. Hr	Semester 2	Code	Cr. Hr
English-1 (Reading & Writing Skills)	EN-101	3	English-II (Academic Reading and Writing)	EN-102	3
Introduction to Computer	CS-100	3	Islamic Studies	IS-100	3
Introduction to the Topics of Holy Quran	IS-112	3	Pakistan Studies	PK-100	3
اردو زبان : تشکیل و ارتقاء	UR-101	3	Uloom-ul-Quran	IS-211	3
Introduction to History	HI-108	3	شعری اصناف: تعارف و تفہیم (حصہ اوّل)	UR-111	3
			Introduction to History	HI-132	3
Semester 3	**Code**	**Cr. Hr**	**Semester 4**	**Code**	**Cr. Hr**
English-III (Communication and Presentation Skills)	EN-201	3	History of Fiqh	IS-224	3
History and Compilation of Hadith	IS-222	3	Arabic Language-II	IS-223	3
Arabic Language-I	IS-122	3	Islamic & Modern Social Thought	IS-225	3
Islamic Morals	IS-221	3	نثری اصناف: تعارف و تفہیم (حصہ دوم)	UR-211	3
شعری اصناف: تعارف و تفہیم (حصہ دوم)	UR-201	3	History of South Asia 1500-1800	HI-136	3
History of South Asia 600-1500	HI-135	3			

SAMPLE undertaking to be submitted on official Stamped paper of Rs 5 minimum (*Please change Particulars with your own/relevant information*)

Affidavit / Undertaking

I, ____*Muhammad Bilal* ____(Candidate for admission) S/O _*Manzoor Ali*_ having CNIC (Father)_*61101-1122112-2*_ resident of _____*House # 31/A G-10/4* *Islamabad*_____ do hereby y undertake, that if admitted to Islamabad Model College for Boys, H-9 Islamabad, I shall abide by the all applicable rules of the college and that:

1. I shall not indulge in politics or any other unlawful activities.
2. That in case, I violate any rule or indulge in politics, I be expelled from the college.

Place _*Islamabad*___ Date _____ Signatures of the candidate_____ in presence of

Witness 1	**Witness 2**
Name: _____ Signature:	Name: _____ Signature:
CNIC: _____	CNIC: _____
Date:_____	Date: _____

I, _*Manzoor Ali*_ having CNIC (Father)_*61101-1122112-2*_ F/O G/O ____*Muhammad Bilal* ____(Candidate for admission) resident of ____*House # 31/A G-10/4* *Islamabad*_____ do hereby solemnly affirm that I am responsible to the declaration signed by my son/ward, submitted as above to the college for admission.

Signatures (Father / Guardian) of the candidate_____

Solemnly affirmed and accepted before me this _____ day of _____ by him who is identified in presence. (Attestation by the honorable Oath Commissioner)

ISLAMABAD MODEL COLLEGE FOR BOYS H-9, ISLAMABAD
Service Road, 9th Avenue, Islamabad   (www.imcbh9.edu.pk)