



HYDERABAD INSTITUTE OF ARTS SCIENCE & TECHNOLOGY (HiAST), HYDERABAD

PROSPECTUS FOR THE ACADEMIC SESSION 2026-27



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ACADEMIC CALENDAR FOR BACHELOR OF SCIENCE IN COMPUTER SCIENCE DEGREE PROGRAM FOR 2021-22 TO 2026-27 BATCHES



**HYDERABAD INSTITUTE OF ARTS, SCIENCE
AND TECHNOLOGY (HiAST), HYDERABAD**
(Affiliated with Mehran University of Engineering & Technology, Jamshoro)

Duration of a Semester:		Duration of a Year:	
Teaching	16 Weeks	Duration of Two Semesters	21x2 = 42 Weeks
Mid Semester Exam	01 Week	Summer Vacation	08 Weeks
Preparation Leave	02 Weeks		
Final Semester Exam	02 Weeks	Winter Vacation and Ramzan Break	02 Weeks
Semester Break	01 Week		
Total	22 Weeks	Total:	52 Weeks
Minimum attendance requirement to be eligible to appear in the Semester Examination is 75%. Number of Lectures during the Semester in a subject of 3 CH, 2 CH, and 1 CH shall be 48, 32, and 16 respectively. Number of contact hours for a practical of 2 CH and 1 CH per Semester is 32 and 16 respectively.			

Semester: Fall 2025					
Batch & Semester	26 th Batch 1 st Semester	25 th Batch 3 rd Semester	24 th Batch 5 th Semester	23 rd Batch 7 th Semester	22 nd Batch 8 th Semester
<i>Date of Class Commencement</i>	12-10-2026				
<i>Conduct of Mid Semester Exam</i>	21-12-2026 to 28-12-2026				
<i>Date of Suspension of Classes</i>	22-02-2027 to 04-03-2027				
<i>Conduct of Final Semester Exam</i>	05-03-2027 to 18-03-2027				
<i>Semester Break From</i>	19-03-2027 to 27-03-2027				
<i>Announcement of Result (Expected)</i>	26-04-2027				

Semester: Spring 2025				
Batch & Semester	26 th Batch 2 nd Semester	25 th Batch 4 th Semester	24 th Batch 6 th Semester	23 rd Batch 8 th Semester
<i>Date of Class Commencement</i>	29-03-2027			
<i>Conduct of Mid Semester Examination</i>	01-06-2027 to 07-06-2027			
<i>Date of Suspension of Classes</i>	26-07-2027 to 07-08-2027			
<i>conduct of Final Semester Exam</i>	09-08-2027 to 21-08-2027			
<i>Semester break from</i>	22-08-2027 to 28-08-2027			
<i>Announcement of Result Expected</i>	13-09-2027			

ABOUT PRESIDENT



Late Dr. S.M. Qureshi, graduated in Civil Engineering from NED University of Engineering & Technology, Karachi holds Master's Degree in Structural Engineering from SEATO Graduate School, Bangkok, Thailand and PhD in Civil and Structural Engineering from University of Sheffield, United Kingdom in 1970. For his contributions to teaching, research and professional practice, he was appointed as Founder Member (Science), Pakistan Science Foundation, an important organization of Ministry of Science & Technology in 1974.

He was later appointed as the Founder Vice Chancellor of Mehran University of Engineering & Technology, Jamshoro. He served in this position for next more than 11 years and established it

in two campuses at Jamshoro and Nawabshah. He also had the distinction of holding the office of Secretary to Government of Pakistan for over a decade. To develop highly qualified Scientific and Technological Manpower, he brought to fruition and the laying of the foundation of the Institute of Science and Technology of Pakistan, ISATOP renamed as SZABIST. He also got established National Science Research Fund (NCRF) to promote the scientific research in the Universities and R&D organizations. Besides, he got a number of other prestigious institutions and universities established in the country. He has, therefore, the experience of planning, founding, establishing and managing a number of Educational Institutions.

As Secretary, Ministry of Science and Technology, Government of Pakistan, appointed by end of 1994, he saw the establishment of COMSATS, which established later the renowned and leading COMSATS Institute of Information Technology (CIIT). He got a high-level Committee appointed by the Prime Minister to look into the reforming of the Science and Technology system to meet the contemporary needs of rapid economic development and security. He was elected as Vice Chairman, UN Commission on Science and Technology for Development (UNCSTD) and brought home to the developing countries the themes of developing their potential in the fields of Information Technology, Science and Technology. He, however, retired soon early in 1996. Dr. Qureshi has remained the Chairman and member of Governing bodies of a number of Government and Non-government prestigious organizations and learned bodies. He has also enjoyed a distinction of participating in a number of meetings, workshops, seminars and conferences at national and international forums including those of United Nations like UNESCO, UNCTAD, UNCSTD and ISESCO and COMSTECH of OIC etc. He has also published a number of research papers, reports etc. and has very widely travelled around the globe.

PRESIDENT'S MESSAGE

Pakistan like many other developing countries needs to develop its education system to achieve multiple goals of training people in emerging fields and at different levels, both quantitatively as well as qualitatively to run a contemporary modern society and meet the requirements of the new century concerning the economic development, national security as well as the value system.

It is well recognized that science and technology provide most effective means of achieving rapid economic development, enhancing self-reliance improving the living standards of the society and ensuring the national security. The developed countries using science and technology as the engine of fast economic growth have increased their per capita income manifolds in short span of time. However, Pakistan with a low per capita income, high rate of population growth and illiteracy, poor health care and lack of other social services ranks very low in term of human development index. In order to bridge the gap, Pakistan has to strive hard through leap-frogging to build indigenous capability in the field of resource management and emerging sciences and development of new technologies.

To address the overall situation, the National Commission for Science and Technology (NCST) has recommended marching fast and keeping up with the developed and other developing countries in promoting Science and Technology, including Information Technology (IT), for Economic Development in the country. The IT is known to be a strong tool and an effective cross cutting technology for the development of different sectors of economy and strengthening of the national security. Presently it is also considered as an effective means to raise the employment scale as it provides extensive job opportunities inside and outside the country. Besides this, it helps to develop and export software to earn much-needed foreign exchange.

The Government of Pakistan has therefore; allocated huge funds to launch extensive programs for the promotion of Information Technology, especially in the fields of Human Resources Development and the Software export. To achieve this, the Government has newly created Information Technology Division in the Ministry of Science and Technology at the federal level and the Punjab and Sind Boards of Information Technology and other programs in the provinces. Hence, there is required an extensive institutional structure to assist the achievement of these objects.

Equally important is the field of Management Sciences to be developed and required manpower Produced to manage development enterprise, locally. The two field of learning viz. Management Sciences and Information Technology have become rather complimentary to each other and their promotion in terms of human resource development both qualitatively and quantitatively, is urgently required. Likewise, there are other number of fields of Science and Technology and so in fields like Humanities and Fine Arts in which a critical mass of quality manpower is required. With limited funds available, the private sector has to come forward to assist the public sector, but only to produce quality manpower. While, the Government must encourage, the public sector institutions should sincerely collaborate.

Hyderabad is a place of ever increasing Business and Industrial enterprise. Its catchment area extends to not only interior of Sind but is also influenced with the requirement of Karachi and rest of Pakistan. Lahore has been considered to be developed as Software Export Hub in the north and it is considered that Hyderabad may become another such a center in the southern part of the country. There are some centers of Information Technology already established in the private sector in

Hyderabad, whereby a beginning towards this end has been made. But only a few can be counted among those with popular programs of quality. There is, therefore, great need to establish more centers in Hyderabad of high level and quality in the private sector. There has been also a long-standing desire in the people of the city of Hyderabad to establish a City /Hyderabad University in the town. It is in the backdrop that Hyderabad Institute of Arts, Science and Technology is established.

The Institute, in due course of time, is envisaged to expand its facilities to encompass the Intended University of Hyderabad. It will be a university of its own kind combining the Liberal Arts, Emerging Sciences and New Technologies. This is now much advocated by the recent international education conference organized by UNESCO and World Bank in Geneva, for modern universities. These are to be established by the developing countries, in the present time, to help the development of a balanced mind of the graduates when they have to center the arena of work and contribute directly to the development of a balanced mind of the graduates when they have to enter arena of work and contribute directly to the directly to the development of society. They are required not only to build sound economy and security, but also the value systems.

The success of this voluntary initiative in launching the HiAST, which is call for realization, will depend on how much support and appreciation is extended by the public sector established and more so by the people, who are to be the immediate beneficiaries. Their participation through all possible moral and other support will only prove their desire and need for such an effort. The HiAST will, however, endeavor through a humble limited beginning and shall expand while it consolidates the earlier programs in light of the real national requirements.

EXECUTIVE DIRECTOR'S MESSAGE



Lt. Col. Muhammad Khalid Khan (Retd.)

HiAST is the brain-child of a handful diehard people whose stature, radiating glowing self-confidence and casting iron conviction, is time tested. At the twilight of their journey, they are still burning their mid night oil in pursuit of excellence, undaunted and unruffled. They have yet preserved their values and never had these molested. These dynamic, progressive and innovative people, with clear vision and renewed vigor, have embarked upon the difficult path to prepare the youth to face the challenges of the future and take the nation to those heights which only house the greatest. HiAST has been conceived to be a way of life. It makes a pyramid on a much broader base. The road to success is a difficult one and the one emerging from HiAST is more difficult.

Here the going is tough and only the tough gets going. HiAST's approach is futuristic and the goals well defined. What all our students have to go through to their graduation day have been well conceived and adequately attended to. HiAST also takes into account the rigorous of practical life and these are addressed accordingly. The graduating HiASTIANS, should they bear with us, will figure out prominently and make their way, with relative ease, to the higher offices in public as well as private sectors. It is in this back drop that there is much beyond text book sand therefore, HiAST's day starts early and end rather late. If one is looking for ease, comfort and happy-go-lucky life, this is certainly not the place. HiAST is only for those who set their aims high. Time alone would testify and speak about its quality factor and its flag bearer, the students, will be its true reflection.

INTRODUCTION TO HiAST

The ‘MSK (Majeed, Shams & Khalid)’ Society for Advancement of Learning is a non-profit social service non-governmental organization registered under the Societies Registration Act, XXI of 1860. It had a defined aim to establish a high-quality educational institution, imbuing in its ambit wide ranging area commensurate with job market and other national developmental needs of the country. The institution was envisaged to have the potential of progressively developing it into a fully-fledged University. Accordingly, it has taken an initiative to establish and manage the Hyderabad Institute of Arts, Science and Technology (**HiAST**) to vigorously pursue its immediate objects which are:

- To develop into a Centre of Excellence for advanced education.
- To go beyond the traditional education into the realm of cutting-edge technologies for the promotion of qualitative leap in our capability, correlating our national socio-economic development needs.

To emerge as a leader in higher education and applied research in multifarious fields, tailored to our needs.

Hyderabad, which symbolizes a coherent merger of the ancient and contemporary civilizations and cultures, is a place of ever increasing business and Industrial enterprise. Its catchment area extends to not only interior of Sindh but is also influenced with the requirements of Karachi and rest of Pakistan. There has been, therefore, a long-standing desire of the people of Hyderabad to establish a Hyderabad University in the city as the academic facilities presently available do not fulfill the educational requirements of this biggest city in the interior of Sindh, adequately.

It is in this backdrop that Hyderabad Institute of Arts, Science and Technology (HiAST) is being established. The Institute, in due course of time, is envisaged to have its own Charter and expand its facilities to encompass the Intended University of Hyderabad. It will be a university of its own kind combining the liberal Arts, Emerging Sciences and New Technologies. It is being envisaged through the new vision developed recently to have all these fields of learning rather in one place for the balanced growth of minds of those, who seek and those, who impart education.



To equip our students with the state-of-the-art knowledge, skills and exposure required to succeed in today's global market place. As a private non-denominational Institution, HiAST will prepare and equip fully the students for holding the reign of the future of the region and the country/ internationally.

HiAST will surface as a symbol of highest quality education imbibing in its ambit all the ingredients, tangibles and intangibles, which are pre-requisites for social growth and economic prosperity with special emphasis on resource management. HiAST is committed for equal opportunity for all students and staff in providing an environment where all people are respected and treated equally and fairly in all respects.

VISION STATEMENT

HiAST will maintain its tradition and surface as a still higher symbol of quality education with relevance to national needs to be provided to young men and women in the areas it will serve, imbibing in its ambit all the ingredients, tangibles and intangibles, which are pre-requisites for it in order to promote social growth and knowledge-based economic prosperity with special emphasis on proper harnessing and management of available resources.

MISSION STATEMENT

To equip students with the state-of-the-art knowledge, skills and exposure required to succeed in today's global market place. As a private non-denominational Institution, HiAST will prepare and equip fully the students for holding the reign of the future of the region and the country / internationally.

POLICY STATEMENT

HiAST is committed for equal opportunity for all students and staff in providing an environment where all people are respected and treated equally and fairly in all respects.



It was established in 2013 in pursuance of Sindh Assembly Act No. VI of 2013, which provided Charter for the establishment of an Institute, called as the Hyderabad Institute of Arts, Science & Technology (HiAST) Act 2013. However, it will come in to effect after grant of NOC by HEC; till such time the Institute will continue its affiliated programs.

Authorities of the HiAST:

Following shall be the Authorities of the Institute:

- i. The Board of Governors;
- ii. The Academic Council;
- iii. The Boards of Faculties;
- iv. The Boards of Studies;
- v. The Selection Board;
- vi. The Board of Advance Studies and Research;
- vii. The Finance and Planning Committee;
- viii. The Discipline Committee;
- ix. The Affiliation Committee;
- x. Such other Authorities as may be prescribed by the statutes.

Officers of the Institute:

- i. The Chairperson;
- ii. The President;
- iii. The Vice President;
- iv. The Deans;
- v. The Head of the Teaching Departments;
- vi. The Registrar;
- vii. The Director Finance;
- viii. The Controller of Exams of the University;
- ix. The Resident Auditor;
- x. The Librarian; and
- xi. Such Other persons as may be prescribed by the regulations to be the officers

Chairperson:

- i. The Chairman shall be appointed by the Patron from a panel recommended by the society on such terms and conditions as the patron may determine.
- ii. The Chairman shall, in the absence of the Patron, preside at the convocation of the Institute.
- iii. The Chairman may remove any person from the membership of any Authority if such person;
- iv. Has become unsound mind; or
- v. Has been incapacitated or is unable to function as member; or

- vi. Has been convicted by a court of law in Pakistan of an offence involving moral turpitude or has been found in an activity against the interest of the Institute.

If the Chairman is satisfied that the proceedings of any Authority are not in accordance with provisions of this Act, the statutes, the regulations or the rules, he may, after calling upon such Authority to show cause why such proceedings should not be annulled, by order in writing, annul the proceedings.

President:

- i. The President shall be an eminent scholar and administrator of national or international repute and an educationist of distinction who shall be appointed by the Chairperson on the recommendations of the Board, for a period of four years on such terms and conditions as the Board may determine.
- ii. The President shall be the Chief Academic and administrative officer of the institute and shall be responsible for implementation of the provisions of this Act, the statutes, the regulations, the rules and the decisions of the Board and for the execution of the programs of the institute in accordance with the guidelines and policies formulated by the Board.
- iii. In particular, and without prejudice to the generality of the foregoing powers, the President shall also have the powers;
 - a. To submit plans of work and budget estimates of the Institute for consideration of the Board;
 - b. To direct the activities connected with the execution of programs for instruction, training, research, services to the community;
 - c. To authorize expenditure provided for in the approved budget and re- appropriate funds within the same major head of expenditure and report it to the Board in the next meeting;
 - d. To sanction and re-appropriate an amount not exceeding an amount fixed and revised by the Board from time to time for an unforeseen item not provided for in the budget, and report it to the Board at the next meeting.
 - e. To appoint, on the recommendations of the Selection Board and with the approval of the Board, teachers, officers and members of the staff of the institute and such other persons as may be necessary in accordance with policies and procedures approved by the Board so as to ensure the highest intellectual and moral qualities in the persons appointed.
 - f. To submit to the Board, in accordance with the rules of procedure, reports on the activities of the Institute and the execution of the plans of work;
 - g. To create and fill temporary post for the period not exceeding six months;
 - h. To undertake work assigned by the Board;
 - i. To delegate, subject to such conditions, if any, as may be prescribed, any of his powers under this Act, to an officer or other employee of the institute; and
 - j. To exercise and perform such other powers and functions as may be prescribed.
- iv. At any time when the office of the President is vacant, or the President is absent or is unable

to perform the functions of his office due to illness or other cause, the Chairman shall make such arrangements for the performance of the duties of the President as he may deem fit.

Vice-President:

- i. The Chairman may, in consultation with the President appoint a Vice-President for the main campus the additional campus, if any, or for both the campuses jointly or separately, on such term and conditions as may be determined by the Chairman.
- ii. Where a Vice-President is appointed under sub-section (I) he shall, notwithstanding anything contained in this Act exercise Such powers and perform such functions of the President or such other powers and functions, as the President with the approval of the Chairman may delegate to him;

Registrar:

The Registrar shall be a whole-time officer of the Institute and shall be appointed by the Board on such terms and conditions as the Board may determine.



High-Tech. Computer Lab

BACHELOR OF SCIENCE IN COMPUTER SCIENCE (BSCS) DEGREE PROGRAM

The HiAST, Hyderabad offers BSCS Degree Program to the interested candidates with effect from the academic year 2023. The affiliation has been granted to start this program by Mehran University of Engineering and Technology, Jamshoro. The details of the program are as under:

Sr. No.	Discipline	Degree	No. of Seats
1.	Bachelor of Science in Computer Science	BSCS	40



THE COURSES

The details of the courses for BSCS a 4 years / 8 semesters program (135CHs) with effect from the academic year 2025 and onwards are given hereunder:

1ST SEMESTER

Sr. No.	Course Code	Subject Name	Credit Hours	
			Th.	Pr.
1.	CSC-103	Application of Information & Communication Technologies	2	1
2.	CSC-105	Programming Fundamentals	3	1
3.	IS-111/SS-104	Islamic Studies/Ethics	2	0
4.	PS-106	Pakistan Studies	2	0
5.	MATH-101	Foundation-I (Not Credited)	3	0
6.	ENG-101	Functional English	3	0
7.	EL-109	Applied Physics	2	1
		Total	14	03

2ND SEMESTER

Sr. No.	Course Code	Subject Name	Credit Hours	
			Th.	Pr.
1.	CSC-110	Discrete Structures	3	0
2.	CSC-113	Object Oriented Programming	3	1
3.	CSC-115	Database Systems	3	1
4.	MATH-102	Foundation-II (Not Credited)	3	0
5.	CSC-117	Digital Logic and Design	2	1
6.	MATH-108	Applied Calculus	3	0
		Total	14	03

3RD SEMESTER

Sr. No.	Course Code	Subject Name	Credit Hours	
			Th.	Pr.
1.	CSC-203	Data Structures and Algorithms	3	1
2.	CSC-206	Software Engineering	3	0
3.	CSC-208	Computer Networks	2	1
4.	CSC-221	Information Security	3	0
5.	MATH-212	Linear Algebra and Analytical Geometry	3	0
6.	PS-207	Ideology and Constitution of Pakistan	2	0
7.	SS-214/SS-211	Understanding of Holy Quran-I/Comparative Moral Teacher-I	0	1
		Total	16	03

4TH SEMESTER

Sr. No.	Course Code	Subject Name	Credit Hours	
			Th.	Pr.
1.	CSC-212	Computer Organization and Assembly Language	2	1
2.	CSC-214	Operating Systems	3	1
3.	CSC-216	Theory of Automata	3	0
4.	-	Elective-I	3	1
5.	ENG-207	Expository Writing	2	0
6.	MATH-214	Statistics and Probability	3	0
7.	SS-215/SS-222	Understanding of Holy Quran-II/Comparative Moral Teaching -I	0	1
		Total	16	04

5TH SEMESTER

Sr. No.	Course Code	Subject Name	Credit Hours	
			Th.	Pr.
1.	CSC-302	Artificial Intelligence	3	1
2.	CSC-312	Compiler Construction	3	1
3.	CSC- 301	Technical & Business Writing	2	0
4.		Elective-II	3	1
5.	MATH-319	Numerical Analysis	3	0
		Total	14	03

6TH SEMESTER

Sr. No.	Course Code	Subject Name	Credit Hours	
			Th.	Pr.
1.	CSC-314	Parallel & Distributed Computing	3	0
2.	CSC-316	Computer Architecture	3	0
3.	CSC-320	Advanced Database Management Systems	2	1
4.	CSC-304	HCI and Computer Graphics	3	1
5.	MKT-320	Introduction to Marketing	2	0
		Total	13	02

7TH SEMESTER

Sr. No.	Course Code	Subject Name	Credit Hours	
			Th.	Pr.
1.	-	Elective-III	3	1
2.	-	Elective-IV	2	1
3.	CSC-410	Analysis of Algorithms	3	0
4.	ENT-421	Entrepreneurship	2	0
5.	CSC-498	Final Year Project-I	0	3
		Total	10	05

8TH SEMESTER

Sr. No.	Course Code	Subject Name	Credit Hours	
			Th.	Pr.
1.	CSC-466	Professional Practices	2	0
2.	-	Elective-V	3	1
3.	-	Elective-VI	3	1
4.	SS-406	Civics and Community Engagement	1	1
5.	CSC-499	Final Year Project-II	0	3
		Total	09	06

Elective Course	Course Code	Course Title	CH (Th + Pr)	Pre-Requisite
Elective-I	CSC-218	Web Technologies	3+1	None
	CSC-220	Data Warehousing	3+1	None
Elective-II	CSC-318	Mobile Application and Game Development	3+1	None
	CSC-341	Computer Graphics and Animations	2+1	None
Elective-III	CSC-404	Data Sciences and Analytics	3+1	None
	CSC-408	Big Data Analytics	3+1	None
Elective-IV	CSC-406	Software Testing and Quality Assurance	2+1	None
	CSC-414	Object-Oriented Analysis & Design	2+1	None
Elective- V	CSC-402	Computer Vision	3+1	None
	CSC-421	Digital Image Processing	3+1	None
Elective- VI	CSC-462	Cyber Security	2+1	Computer Networks
	CSC-468	Cloud Computing	3+1	None



Seminar regarding BSCS Program

FACULTY MEMBERS

PERMANENT FACULTY

Sr. No.	Faculty	Designation	Qualification
1	Prof. Tehseen Hafiz (HOD)	HOD	ME (Software Engineering)
2	Mr. Sajid Ahmed	Assistant Professor	MS (Computer Systems)
3	Mr. Syed Faisal Ali Qadri	Assistant Professor	MS (Data Science)
4	Dr. Sumaira Memon	Lecturer	PhD (Information Technology)
5	Mr. Awais Tallal	Lecturer	MS (Computer Systems)
6	Ms. Maleeha Memon	Lecturer	ME (Electronic Engineering)
7	Ms. Areeba Kanwar	Teaching Assistant	BS (Information Technology)
8	Ms. Falak Batool	Teaching Assistant	BS (Information Technology)
9	Ms. Ayesha Eman	Lab Lecturer	MS (Software Engineering)
Sr. No.	Faculty	Designation	Qualification
10	Ms. Koonj Jawaaid Khushk	Lecturer	MS (Data Science)
11	Ms. Maria Khan	Lecturer	MBA (Human Resources Mgt.)
12	Ms. Sana Maqbool	Lecturer	MA (English Literature & Linguistics)
13	Ms. Aqsa Rao	Lecturer	BS Mathematics
14	Mr. Tallat Mehmood Awan	Lecturer	MA (Islamic Culture) and MA (Islamic Arabic)

VISITING FACULTY

Sr. No.	Faculty	Qualification
1.	Dr. Ahsan Ansari	PhD
2.	Dr. Syed Shahram Shah	PhD (Information Technology)
3.	Dr. Sajjad Memon	PhD (Electronics Engineering)
4.	Dr. Premanand Soothar	PhD (Information Technology)
5.	Mr. Arsalan Aftab Memon	ME (Software Engineering)
6.	Mr. Irfan Ali Baloch	PhD (Scholar)

ADJUNCT FACULTY		
Sr. No.	Faculty	Qualification
1	Prof. Dr. B.S. Chaudhary	PhD in Electronics
2	Dr. Arjumand Bano	PhD in Information Technology
3	Dr. Ayaz Keerio	PhD in Information Technology
4	Dr. Yasir Arafat	PhD in Computer Science
5	Dr. Anwar Ali G. Shah	PhD in Management Sciences
6	Mr. Shoaib Karim Memon	M.Phil. in Management Sciences
7	Mr. Muhammad Furqan	MS in Information Technology
8	Mr. Adnan Farooque	MS in Management Sciences
9	Mr. Muhammad Shamim Murtaza	MS in Management Sciences
10	Mr. Asif Moiuddin	MBA in Management Information System
11	Mr. Ali Ahmed Pandhiani	MBA in Management Sciences
12	Ms. Sana Rafique	MS in Human Resources Management
13	Mr. Fawad Mangi	M.E in Software Engineering
14	Ms. Hira Noman	M.E in Software Engineering
15	Mr. Vijdan Khalique	M.E in Software Engineering
16	Mr. Salman Adil	M.A in Pakistan Studies
17	Prof. Aslam Rajput	M.A in English Language and Linguistics
18	Mr. Dilawar Qureshi	M.A in English Language and Linguistics
19	Mr. Mansoor Rajput	M.A in English Language and Linguistics
20	Mr. Anwar Hussain Memon	Chartered Accountant



Study Tour of Karachi Stock Exchange

RULES AND PROCEDURES FOR ADMISSION

Admission:

- (i) Admissions to the First Year for Bachelor of Science in Computer Science (BSCS) Degree Program are made according to the policies and rules, framed by the authorities of Mehran University of Engineering and Technology, Jamshoro from time to time. The rules mentioned in this prospectus are subject to revision by the competent authority of the University as and when deemed necessary and without any notice. The admission will be made against **40 seats** available for the program on open merit basis for the candidates holding the domicile of Sindh Province only and the admission process will be conducted by Mehran University of Engineering and Technology, Jamshoro.
- (ii) The candidates who apply for admission on the basis of fake certificates/documents (detected before or after their admission) shall be prosecuted under criminal law and their admission shall be cancelled. Additionally, they may also be debarred for a period of three years for future admission and all payments made to the MUET, Jamshoro/HiAST, Hyderabad shall be forfeited in favor of the HiAST.

Eligibility for Admission:

- (i) The candidates who have passed their **HSC Part-I** in Annual Examination of 2025 or **HSC Part-II** earlier up to 2023 with 60% marks under **Pre-Engineering Group or equivalent** with Physics, Chemistry and Mathematics (**excluding Grace Marks**) from any recognized Board of Intermediate and Secondary Education in Pakistan or from foreign countries, are eligible to apply for admission.
- (ii) The candidates who have passed their **HSC Part-I** in Annual Examination of 2025 or **HSC Part-II** earlier up to 2023 with 60% marks under **Pre-Medical Group or equivalent (excluding Grace Marks)** from any recognized Board of Intermediate and Secondary Education in Pakistan or from foreign countries are eligible to apply for admission only in Bio-Medical Engineering provided that they shall not claim their admission in any other BE disciplines.
- (iii) In addition, the candidates who have passed their **HSC Part-I** in Annual Examination of 2025 or **HSC Part-II** earlier up to 2023 with 60% marks under **General Science Group or equivalent (excluding Grace Marks)** from any recognized Board of Intermediate and Secondary Education in Pakistan or from foreign countries are eligible to apply for admission only in Computer Systems Engineering, Software Engineering, Electronic Engineering, Telecommunication Engineering, **Architecture, and City & Regional Planning** provided that they shall not claim their admission in any other BE disciplines.
- (iv) The candidates who have passed their Diploma of Associate Engineer (**DAE***) in Annual Examination of 2024 or earlier up to 2022 with 60% marks (**excluding Grace Marks**) in any of the approved disciplines including Information Technology, Software, Computer, Electronics **or equivalent** from any recognized Board of Technical Education in Pakistan are also eligible to apply for admission only in the relevant discipline under the Regular Scheme.

Name of Degree Program	Name of Group of Studies Eligibility for Admission
Bachelor of Science in Computer Science (BSCS)	• Pre-Engineering • Pre-Medical (on condition) ** • General Science • Diploma of Associate Engineer (DAE)

* **Diploma of Associate Engineer (DAE)** is a three years' post-secondary program of instruction in various **engineering** disciplines. It includes regular **studies** with classroom lectures, workshop assignments, laboratory experiments, industrial projects and industrial tours.

** The students need to clear Foundation Mathematics-I and II in the first year of their studies.

- (v) The candidates who have passed their **HSC Part-II** in the Annual Examination before 2022 under any of the above-mentioned groups or equivalent shall not be eligible to apply for admission.
- (vi) a). The candidates who are changing their groups from Pre-Engineering to Pre-Medical or vice-versa; they have to provide evidence for the change of group in shape of slip issued by the controller of the concerned education board. The slip shall be uploaded on the Admission Portal.
- b). Further that CPN of such candidates shall be calculated on the basis of **HSC Part-I** marks certificate provided by the candidate at the time of submission of documents decided by the University.
- c). The group changing candidates shall submit an affidavit that he/she shall not claim any additional marks after the declaration of result of changed subject in any case whatsoever.
- (vii) The candidates who are getting admission on the basis of the result of **HSC Part-I** have to secure 60% marks (**excluding Grace Marks**) in **HSC Part-II**, otherwise, **their admission shall stand canceled and none of the fees shall be refunded.**
- (viii) Those students, who were admitted to any other institutes/universities before applying for admission in HiAST, Hyderabad and were rusticated, debarred or their admissions were canceled, shall not be considered for admission in the Institute. Additionally, if the students withhold information regarding such disciplinary action and they were granted admission; their admission shall be canceled immediately after ascertaining such facts. Those candidates who have been convicted involving of moral turpitude shall also be refused admission in the Institute.
- (ix) The candidates who have been allowed admission previously with any batch by this Institute shall not be considered for fresh admission. Their admission forms, if received by the Institute shall be rejected without any notice and their admission shall be cancelled at any stage later on.

Admission Form:

Call for admissions is advertised on the Mehran UET, Jamshoro website www.muett.edu.pk/ Newspapers. The candidates who intend to apply for admission must follow the guidelines mentioned on the Directorate of Admissions website admissions.muett.edu.pk.

The candidates are required to deposit the admission processing fee online or otherwise in any branch of Habib Bank Ltd, under **HBL CMD-A/C. No. 00427991903403**. The candidates have to

submit a set of photocopies of all the required documents and paid copy of bank challan with Mehran UET, Jamshoro. The University authorities after receipt of application and admission processing fee will send admit slips to candidates for pre-admission test. The candidates have to print admit slips and bring the same on the day of pre-admission test along with original CNIC/ B-Form. The appearance / passing in the pre-admission test does not mean the candidate is eligible for admission. The eligibility of candidate for admission is decided by the admission office of the University after scrutinizing the documents provided by the candidates. The eligibility criteria for admission are given here above in relevant Clause. Since the admission form is a legal document, any wrong information provided therein or tampering it in any other way is illegal and may result in rejection of the form out rightly

Pre-Admission Test:

In accordance with the policies adopted by the Federal as well as Provincial Governments, all the eligible candidates applying for admission are required to appear in the Pre-admission Test organized by the University. Candidates having secured less than 40% score in the Pre-admission Test shall not be eligible for the admission.

The final merit list of the candidates is prepared by calculating their overall merit, based on the marks obtained in each of the following examinations, multiplying them with the respective weightage and adding the result to calculate the “Composite Percentage Number” (CPN*) as described below:

Sr. No.	Percentage of Marks in	Multiplying Weightage
A.	Secondary School Certificate (Science Group) - Matriculation:	0.10
B.	Higher Secondary School Certificate (HSC-I) or Equivalent: (Pre-Engineering / Pre-Medical / General Science Groups or equivalent with adjusted marks ¹) / DAE:	0.30
C.	Pre-admission Test Score:	0.60
* For example: If a candidate has secured 70% marks in SSC, 60% marks in HSC and 50% marks in Pre-admission Test; his/her CPN would be: $(70 \times 0.1) + (60 \times 0.3) + (50 \times 0.6) = 7 + 18 + 30 = 55.0000$		

- ¹ Adjusted marks mean the marks secured in HSC examination plus additional marks if any (Hifz Marks) or minus marks to be deducted in case of gape between SSC and HSC-I Passing Year.
- ² The CPN of the candidates on the merit list may be calculated with four digits after decimal point. The following steps may be taken, in case of tie of CPN even after exercising the above action:
 - i. The candidate having higher pre-admission test marks will be higher in merit.
 - ii. The candidate having higher HSC-I marks will be higher in merit.
 - iii. The candidate having higher SSC marks will be higher in merit.
 - iv. The candidate having higher HSC Math-II marks will be higher in merit.
 - v. The candidate having higher HSC Math-I marks will be higher in merit.

Interviews:

After the receipt of the result of Pre-admission Test, a comprehensive merit list is prepared and a number of candidates roughly equivalent to the reserved seats is called for interview before the Admission Committee of the University.

The candidates may be accompanied with his/her guardian declared in his/her admission form during

interview. The interviews are held at Mehran UET, Jamshoro on the dates as announced on MUET and HiAST websites: www.muett.edu.pk/www.admissions.muett.edu.pk/ and www.hiast.edu.pk/.

The candidates will also be required to bring the following original documents for verification:

- (i) Marks Certificate of SSC – (Matriculation).
- (ii) Marks Certificate of HSC Part-I (Pre-Engineering, Pre-Medical, and General Science Groups).
- (iii) Marks Certificate of DAE.
- (iv) Domicile Certificate of candidate.
- (v) PRC on ‘C’ Form of candidate.
- (vi) National Identity Card / B-form (as applicable).
- (vii) Medical Certificate on prescribed proforma*.
- (viii) Undertaking Certificate on prescribed proforma*.

*Proformas can be downloaded from www.admissions.muett.edu.pk/.

It is mandatory for the candidates to appear before the Admission Committee for interview. If any candidate fails to produce all or any of the above-mentioned documents, he / she shall not be allowed to appear in the interview and will be disqualified from the process of admission.

The admission shall be allowed on the day of interview; and if admitted, the original marks certificate of HSC-I would be retained by the institute for at least **one entire year**. The candidates are advised to keep a photocopy of the marks certificate of HSC-I with them. The candidate has to deposit the fees as mentioned in relevant fees **Clause** at the time of interview.

Distribution of Seats:

All **forty (40) seats** of the program shall be allocated on the day of interview on open merit basis to the candidates holding domicile of Sindh Province only.



Rectification of Mistakes:

The Admission Merit Lists/Call Lists announced by the University are provisional and if any mistake is detected, it is rectified accordingly.

Admission of Candidates Who Fail to Deposit the Admission Fees on the Interview Day

If any of the candidates fails to deposit admission fees on the day of interview in the University bank account, his / her seat will be allotted to the following candidate on the merit list.

Additional Marks:

The candidates, who have produced certificates of Hafiz-e-Quran on printed form from registered Madrasahs and clear the test of Hifz taken by the University, are also considered to have additional 10 marks to be added to the marks of **HSC Part-I**.

Deduction of Marks Due to Gap in Education:

In case of a gap or repetition of HSC/DAE examination, the merit is determined as described below:

One-half (½) percent of the aggregate marks is deducted for each gap of one academic year after Matriculation examination from the total marks of HSC Part-I/DAE examination or equivalent for the purpose of determination of merit. This deduction is applicable whether the HSC Part-I/DAE examination had been repeated or the gap had occurred owing to any other reason.

Closing of Admissions Process:

The admissions process for the session is made up to the end of **FOURTH week** from the date of start of the classes. After this period, no new admissions are made.

NOC and Study Leave Order for Candidates already in Service:

The candidates who are already in service at the time of submission of admission form should attach NO OBJECTION CERTIFICATE from their employers for their admission. After selection to the First Year Class, they are required to submit study leave order and relieving order from their employers for study purpose at the University because the BS in Computer Science Degree Program is a regular full time and day program and no student admitted in the institute is allowed to engage himself/herself in any employment during his / her studies.

Admission in any Other Institute:

Being a full-time program of studies, no student of this Institute is allowed to enroll in any other full-time or part time courses of studies in any other educational institution without prior permission of the authorities of the institute. Violation of the above may lead to the cancellation of his/her admission.

Re-Admission Policy:

Those students who are eligible for any semester of any year and remained absent from their classes and examinations for any reason, are considered for re-admission in the appropriate semester where they left their studies with the appropriate batch subject to application of other relevant rules by the Re-admission Committee, provided that their absence is not more than **two calendar years**. However, their attendance to determine their eligibility to appear in the semester examination is considered from the date of issuance of re-admission order. Such admissions may be made **within four weeks** from the date of start of classes of particular session.

Enrolment Card:

Each student is required to enroll himself / herself in the University / Institute after the finalization of the discipline in the First Semester of First Year and obtain enrolment card accordingly. In case of failure, he / she is not allowed to appear in the examination of the First Semester of the First Year.

FEES PAYABLE AT THE TIME OF ADMISSION FOR 2026-2027 (26-BATCH):

(a). Fees Payable at the Time of Admission to MUET, Jamshoro*:	Amount of Fee	
Admission Fees – Non-Adjustable and Non-Refundable (Per Year)	Rs.	27,800
Enrollment Card Fee (Once)	Rs.	1,600
HSC/Equivalent Marks Certificate Verification Fee (Once)	Rs.	3,000
Exam Fee (including Marks Certificate) for Regular Exam (Per Semester)	Rs.	7,900
Total Fees Payable at the Time of Admission to MUET, Jamshoro:	Rs.	40,300

(b). Fees Payable at the Time of Admission to HiAST, Hyderabad:	Amount of Fee	
Semester Fee (Rs. 16,000-00 Per Month)	Rs.	96,000
Security Deposit (Once)**	Rs.	10,000
Total Fees Payable at the Time of Admission to HiAST, Hyderabad:	Rs.	106,000

Total of (a) + (b):	Rs.	146,300
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(1) FEES PAYABLE TO MUET, JAMSHORO ANNUALLY:		
Admission Fees Payable (Per Year)	Rs.	27,800
Examinations Fee (including Marks Certificate) for Regular Semester Examinations (Per Semester) for Two Semesters (7,900x2=15,800) starting from the 2 nd Semester	Rs.	15,800
Total Fees Payable to Mehran UET, Jamshoro Annually:	Rs.	43,600

(2) FEES PAYABLE TO HIAST, HYDERABAD AT THE START OF EACH SEMESTER:		
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Semester Fees Payable to HiAST, Hyderabad:	Rs.	106,000
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*The students are required to pay admission fee at the time of admission and at the start of every semester in the **HBL Bank Account No. 00427991903403 in any branch of Habib Bank Limited**, through challan available on the MUET admissions website.

**The Security Deposit is charged once at the time of admission and the same is refunded upon clearance of due.

Note: Mehran UET, Jamshoro reserves the right to change its policies and fee structure at any time.

Admission Fee Refund Policy:

- Admission fee is payable every year.
- Admissions fee is not refundable in any case whatsoever.
- The University reserves the right to change its policies and fee structure at any time.

- Fee refund process would require 40-45 days or earlier after receipt of refund application along with all required documents. Moreover, if admission is offered after commencement of classes, date of commencement of classes will be considered as mentioned in offer letter.
- The University refunds only tuition fee as per HEC Fee Refund Policy as stated below:

Sr. No.	Timeline for Refund of Tuition Fee	Percentage of Fee Refund
1.	Up to 10 th day of commencement of classes	100% fee refund
2.	Up to 15 th day of commencement of classes	80% fee refund
3.	Up to 20 th day of commencement of classes	60% fee refund
4.	Up to 30 th day of commencement of classes	50 % fee refund
5.	31 st day onwards of commencement of classes	No Refund

Note: The timelines for refund of tuition fee are inclusive of the weekends / holidays.

Migration / Transfer:

- (i). Migration is only allowed from HEC recognized Universities.
- (ii). The program / discipline from where migration is desired should be accredited by respective accredited councils.
- (iii). The admission criteria should be in line with the Mehran UET, Jamshoro.
- (iv). Migration / Transfer is only allowed in the 3rd or 4th semester. The credit hours to be transferred shall not be more than 50% of the total credit hours of the degree program of the Mehran UET, Jamshoro.
- (v). Migration / Transfer is not allowed to the students admitted on reciprocal basis.
- (vi). Migration / Transfer is allowed only in the cases of extreme hardship for the students or if it is considered in the best interest of the University by the competent authority. The decision of the University is final and binding in this regard.
- (vii). The students failing in previous semesters (i.e., less than 50% marks) shall not be eligible for admission on migration/transfer basis.
- (viii). An amount of Rs. 15,000/- shall be charged for migration/transfer application processing (non-refundable) fee.
- (ix). The migration / transfer of the local students would be allowed on the payment of Rs. 1,050,000/- (Rupees One Million Fifty Thousand Only) to the Mehran UET; while foreign students would be required to pay Rs. 1,260,000/- (Rupees One Million Two Hundred Sixty Thousand Only) as migration fee.
- (x). The nominees are required to submit NO OBJECTION CERTIFICATE (NOC) of the nominating agency.
- (xi). Admission on migration basis is made up to the fourth week of the start of the classes of a particular session.

SCHOLARSHIP / FINANCIAL ASSISTANCE

There is no standing fee concession to the students at the time of admission. However, merit cum need based Scholarship / Financial Assistance will remain in vogue by the HiAST, Hyderabad as long as the student's conduct, attendance and academic performance remain satisfactory i.e., attendance not less than 75%. It will be forfeited partly or completely, should the conduct, attendance and academic performance of the student decline.

SOCIAL WELFARE AND CO-CURRICULAR ACTIVITIES

Students in all programs are encouraged to participate in social and academic activities. Programs for Social and academic activities are arranged for the benefit of the society and grooming of students. Currently, the HiAST has a number of student bodies to organize various activities as follow:

- | | |
|------------------|----------------------|
| i. Art & Culture | ii. Extra Curriculum |
| iii. Social Work | iv. Flora and Fauna |

INTERNSHIP PROGRAMS / SEMINARS

Internships of substantial durations are arranged by the HiAST for the benefit of the students in order to get them the feeling and taste of the professional atmosphere. Practical training shall be given more priority than theory.

Students of diverse fields shall undergo through the process of learning by preparing and compiling reports on multinational companies and doing research and project works. Seminars shall be arranged and guest speakers will be invited to deliver lectures on different topics related to the students' course works.

IMPORTANT NOTES

The University reserves the right to make changes, delete or add any of the programs or parts thereof and any other information on matters referred to in this prospect, without any prior notice. All the students are subject to the rules, regulations and procedures of the HiAST in accordance with Sindh Assembly Act No. VI of 2013 and the University.



REGULATIONS FOR SEMESTER SYSTEM

Regulations (Revised) regarding the **General Scheme of Studies for the Bachelor's Degree Programs (including B.E, B.Arch., B.CRP, B.E Tech, BS, and BBA)** of the Mehran University of Engineering and Technology, under Section 47(1) (n) of the Act 1977.

1. **Short Title.** These Regulations may be called the Mehran University of Engineering and Technology Bachelor of Degree Courses **Regulations 2026**.
2. These Regulations shall be subject to the Mehran University of Engineering and Technology General scheme of Studies for the bachelor's degree courses Statutes 2012.
3. **Commencement.** These Regulations shall be deemed to have come into force with effect from **26 Batch and onwards**.
4. **Definitions.** In these Regulations unless otherwise expressly stated,
 - i. "University" means the Mehran University of Engineering and Technology, Jamshoro.
 - ii. "Academic Year" means the Academic Year of the University.
 - iii. "Spring / Fall Semester" means a Period of 21 weeks out of an academic year for teaching and evaluation and /or guidance of the students of the University.
 - iv. "Summer Semester" means a Period of 08 weeks out of an academic year for teaching and evaluation and /or guidance of the students of the University.
 - v. "Vice-Chancellor", "Pro Vice Chancellor", "Dean", "Director", "Chairman/ Chairperson" "Teacher" and "Controller of Examinations" means respectively the Vice-Chancellor, the Pro Vice Chancellor, the Dean of Faculty, the Director of Institute, the Chairman/ Chairperson of Teaching Department, the Teacher and the Controller of Examinations of the University.
 - vi. "Departmental Committee". Each Department/ Institute will have a Departmental Committee consisting of three seniors most teachers of the Department / Institute including Chairman/ Chairperson/ Director as convener.
 - vii. "Credit Hours (C.H.)" have been defined in section 6.
 - viii. "Quality Point (QP), Grade Point Average (GPA), and "Cumulative Grade Point Average (CGPA) has been defined in section 17.
5. Undergraduate Structure of the **bachelor's degree Programs including B.E, B.Arch., B.CRP, B.E Tech, BS, and BBA** is given below Table 5.1

Approved by Academic Council in its 110th meeting held on 9th April 2025 vide resolution 110.1a and approved by the Syndicate in its 160th meeting held on 9th July 2025 vide Resolution No. 160.4(i)

Table 5.1: Undergraduate Structure of bachelor's degree Course

Description	Degree Programs	
	04 Year	05 Year
Total No. of Credit Hours (Minimum)*	134	172
Total No. of Credit Hours (Maximum)*	140	188
Semester Duration	Minimum of 16 weeks of teaching excluding examinations	
Course Duration**	Minimum of 8 semesters Maximum time limit of 6 years, further extendable for one year with the approval of Statutory Bodies	Minimum of 10 semesters Maximum time limit of 7 years, further extendable for one year with the approval of Statutory Bodies
Summer Session	For deficiency / failure, repetition of courses up to 9 credit hours (08 Weeks duration)	
Course Load per Fall/Spring Semester for Regular Full-Time Students	15-18 Credit Hours (In special cases 15 –21 Credit Hours) ²	

* Subjected to meeting the requirements of the respective Accreditation Councils.

**A student must complete the degree course within the allowable degree course duration i.e., 06 years for 04-year degree program and 07 years for 05-year degree program. In cases of valid reasons, the duration of study for any university program may be extended by one additional year (two semesters). Request for extension in duration of study can only be made after 06 years of study for 04-year degree program/ after 07 years of study for 05-year degree program. Students who do not complete their studies within the specified period, including the extension, shall be removed from the university rolls. Students granted an extension shall be required to pay the full admission fee.

6. Credit hours for undergraduate degrees

- 6.1 A credit hour means teaching/learning a theory course for one hour each week throughout the semester.
- 6.2 One credit hour in laboratory or practical work/project would require lab contact of three hours per week throughout the semester. For B.Arch. Program, each credit hour will be equal to 02 Contact Hours.
- 6.3 The credit hours are denoted by two digits within brackets with a plus in between. The first digit represents the theory part while the second (right side) digit represents the practical. Below Table 6.1 gives the possible distribution of Theory and Practical Credit hours.

² Approved by Academic Council in its 113th special meeting held on 14th April 2026 vide resolution 113.5(a)

Table 6.1 Distribution of Theory and Practical Credit Hours

Credit Hours	Distribution in Theory and Practical Hours
01	(1+0) / (0+1)
02	(2+0) / (0 + 2)
03	(3+0) / (2 + 1) / (0 + 3)
04	(3+1) / (0 + 4)



7. Course layout for undergraduate students

- 7.1 4-year undergraduate degree programs are composed of 134-140 Credit Hours in which 134 represents the minimum and 140 represents the maximum credit hours required to be completed, subject to meeting the requirements of the respective Accreditation Councils.
- 7.2 5-year undergraduate degree program (Bachelor of Architecture) is composed of 172-188 Credit Hours in which 172 represents the minimum and 188 represents the maximum credit hours required to be completed, subject to meeting the requirements of the respective Accreditation Councils.
- 7.3 Undergraduate curriculum structure
- For Engineering programs:** The courses for the Engineering programs will consist of minimum 134 credit hours out of which:
 - a minimum of **72** credit hours of engineering domain
 - a minimum of **42** credit hours of non-engineering domain
 - FYDP Project=**06** Credit Hours
 - Multi-Disciplinary Engineering Courses = Min. **06** Credit Hours
 - 08-14** Credit Hours (Flexible Engineering / Non-Engineering Courses) may be adjusted as per requirements.

The above distribution is subject to the requirements of respective Accreditation Councils. Table 7.1 shows the course structure for the engineering programs.

Table 7.1: Course Structure of Engineering Programs (In line with PEC Framework and HEC UG Education Policy-2023)

Knowledge Profile (WK-1 to WK-8)	Knowledge Area	Sub-Area	Courses	Credit Hours
Non-Engineering Domain				
WK-2	Natural Science	Math	Quantitative Reasoning-I (or equivalent courses for all Engineering Discipline)	3
			Quantitative Reasoning-II (or equivalent courses for all Engineering Discipline)	3
			Advanced Applied Math Courses (as per requirement of the Engineering Discipline)	6-9
WK-1		Natural Science (Physics, Chemistry, Math)	Applied Physics	3-9
			Applied Chemistry	
			Math Electives	
WK-7	Humanities	English	Functional English	3
			Expository Writing	3
		Culture/ Study of Religion	Islamic Studies OR Religious Education/Ethics	2
			Understanding of Holy Quran – I & II (Fehm-e-Quran I & II)	2
			Ideology and Constitution of Pakistan	2
			Pakistan Studies	2
			Arts & Humanities (Languages of study of religion)	2
		Social Sciences	Social Sciences	2
			Application of ICT	5
			Civics and Community Engagement	
	Management Sciences	Professional Practice	Project Management	2
			Entrepreneurship	2
Total (Non-Engineering)				Min 42
Engineering Domain				
WK-2/ WK-4/ WK-5/ WK-6/	Computer and Information Science	AI / Data Science / Cyber Security		6-9

Knowledge Profile (WK-1 to WK-8)	Knowledge Area	Sub-Area	Courses	Credit Hours
WK-3/ WK-2/	Foundation Engineering Courses		Specific to program objective and outcomes	22 - 24
WK-4/ WK-2/ WK-1/	Core Breadth of Engineering Discipline		Specific to program objectives and outcomes	22 - 24
WK-5/ WK-6/	Core Depth of Engineering Discipline		Specific to program objectives and outcomes	22 - 24
				Min 72
WK-2/ WK-4/ WK-5/ WK-6/	Multidisciplinary Engineering Courses		Specific to program objectives and outcomes	6
			Occupational Health and Safety (mandatory-01 CH)	
WK-6/ WK-8/ WK-7/	Final Year Design Project (FYDP)/ Capstone		Design Project (FYDP) / Capstone	6
WK-6/ WK-7	Industrial Training		Internship (06-08 Weeks)	Mandatory & qualifying
WK-4/ WK-5/ WK-6/ WK-7/ WK-8/ WK-2			Innovative and Critical Thinking (under relevant courses): 1 Complex problem solving 2 Complex Engineering Activities 3 Semester Project 4 Case Studies 5 Open ended labs 6 Problem Based Learning (PBL)	
Total (Engineering Domain)				Min 84
			Flexible Engineering / Non-Engineering Courses may be adjusted as per the requirement	8-14
Total Credit Hours				134-140

- ii. **For Computer Science programs:** The courses for the Computer Science program will consist of minimum 130 credit hours, out of which a minimum of 100 credit hours of Computing and Computer Science courses and minimum of 30 credit hours of general and university courses, subject to meeting the requirement of the respective Accreditation Councils.

- iii. **For Social & Basic Sciences programs:** The courses for social and basic sciences disciplines will consist of 60-65% of curriculum towards the discipline specific areas, and 35-40% minor/electives, subject to meeting the requirement of the respective Accreditation Councils.
- iv. **For Engineering Technology programs:** The courses for Engineering Technology programs will be consisting of 70% of curriculum towards the core technology subjects, and 30% of curriculum towards the related subjects, subject to meeting the requirement of the respective Accreditation Councils.
- 7.4 **Final Year Project (FYP) / Thesis / Business Plan:** Every student should write a thesis project report /Business Plan in the final year, of 06 credit hours individually or in a group comprises of maximum 03 students, on approved research.
- 7.5 **Internship:** Mandatory and qualifying Industrial internship as per requirement of respective accreditation council.

8. Fall/spring semester

- 8.1 There will be two regular semesters (Fall & Spring) in an academic year. Following is the breakup:

Sr. No.	Description	No. of Weeks
i.	Teaching duration of Fall semester	16 Weeks
ii.	Conduct of Mid Semester Exam	01 Week
iii.	Conduct of final Fall Semester Exam	03 Weeks
iv.	Semester Break	01 Week
v.	Teaching duration of Spring Semester	16 Weeks
vi.	Conduct of Mid Semester Exam	01 Week
vii.	Conduct of final Spring Semester Exam	03 Weeks
viii.	Semester Break	01 Week
ix.	Summer Break / Summer Semester	08 Weeks
x.	Winter Break	02 Weeks
	Total Weeks	52

9. Summer Semester

- 9.1 Summer semester will be offered as an optional semester of 08 weeks duration. Students will be offered courses to remove deficiencies and can register up to 09 credit hours for summer semester.
- 9.2 Moreover, a student who has either failed or has been stopped to take the examination due to shortage of class attendance or wishes to improve his/her grade (if obtained 'C' Grade or below) is allowed to register in summer semester.
- 9.3 The contact hours per week during the Summer Semester will be doubled to ensure that the course is completely taught in a summer session with half of the duration as compared to a regular (Fall/Spring) semester.
- 9.4 All the qualifying rules for Fall/Spring semester will be applicable to summer semester.
- 9.5 There will be no supplementary/special examination after the adoption of summer semester.

- 9.6 The course in Summer Semester will be offered with the minimum course registration of 05 students (where intake of students is small, minimum course registration should be 50 % failure students)

10. Academic Calendar

- 10.1 The calendar will include the following information: to be adopted from next academic year.
- a. Date of start of classes
 - b. Conduct of mid semester
 - c. Date of suspension of classes
 - d. Conduct of final semester exam
 - e. Announcement of results
 - f. Semester Break

The academic calendar will be prepared for Fall and Spring Semesters of each academic year.

- 10.2 In case a university is closed due to unusual circumstances, then makeup classes may be arranged on weekends or in evening time to cover the lapsed period of the students.

11. Withdrawal of Courses from Fall / Spring Semester

- 11.1 Students may be allowed to withdraw from a course during first 6 week of the semester. In such a case the transcript shall record that the student enrolled in the course and withdrew. Consequently, grade W will be awarded to the student which shall have no impact on the calculation of the CGPA of the student.
- 11.2 A student withdrawing after the 6th week shall be automatically awarded "F" grade which shall count in the GPA and stay on the transcript.

12. Repeating courses / improvement of CGPA

- 12.1 If a student gets 'F' grade, he/she will be required to repeat the course. However, "F" grade obtained earlier will also be recorded on the transcript.
- 12.2 Undergraduate students may be allowed to repeat a course in which he/she has obtained grade "C" or below. In such a case both the previous and new grade obtained will be recorded on the transcript, however, only the better grade shall be used in the calculation of CGPA.
- 12.3 In case of CGPA improvement, it would be recorded with (Imp) on the transcript.

13. Attendance

Minimum 75 % attendance in a course is required to appear in the examination of that course.

14. Examination

- 14.1 In each semester, students may be required to appear in quizzes, tests, mid semester, final semester examinations, presentations (individual/group), group discussion, and submit projects/ assignments/lab reports etc. These assessment marks (to be determined by the teacher concerned) may have different weightage contributing towards the overall assessment in percent marks. This weightage may be determined on the basis of following table:

THEORY			
Description		Theory of Max. 100 Marks	Theory of Max. 50 Marks
1.	Quizzes / Test(s)	15	07
2.	Assignments/ Project / Presentation	15	08
3.	Mid Semester Exam	30	15
4.	Final Examination*	40	20
PRACTICAL			
Description		All Departments	Subjects having Course Code of Architecture Dept.
1.	Guided Lab	30%	30%
2.	Open Ended Lab / Mini Project / PBL	20%	20%
3.	Final Exam; Objective Test	30%	20%
4.	Final Exam; (Conduct of Practical/Viva Voce/Jury)*	20%	30%

*Appearance in Final Exam; (Conduct of Practical / Viva Voce / Jury) is mandatory

FINAL YEAR PROJECT / THESIS / BUSINESS PLAN

All Departments (except Architecture and City & Regional Planning)

Semester	Thesis CH	Thesis Credit Marks	Maximum Sessional Marks (By Supervisor)	Maximum Marks for Thesis Viva Voce / Exam		
				Internal	External	Chairman
7 th	3	100	25	25	25	25
8 th	3	100	25	25	25	25

Department: City & Regional Planning

Semester	Thesis CH	Thesis Credit Marks	Maximum Sessional Marks (By Supervisor)	Maximum Marks for Thesis Viva voce/Exam		
				Internal	External	Chairman
7 th	3	100	25	15	45	15
8 th	3	100	25	15	45	15

Department: Architecture

Semester	Thesis CH	Marks	Maximum Sessional Marks (By Supervisor)	Maximum Marks for Thesis Viva voce/Exam / Jury		
				Internal	External	Chairman
9 th	5	250	50	40	120	40
10 th	10	500	100	80	240	80

- 14.2 In the beginning of a semester, the Instructor of each course should hand out a syllabus providing information to the students about assessment criteria, paper specification, schedule of material to be taught (TTP and Lesson Plan), take home assignment policy, recommended reading materials and any other information important for the successful completion of the course and its requirements.
- 14.3 To implement semester system effectively the subject teacher must display his/her provisional result within five days after the conduct of Mid and Final exam of that subject and submit the same to the Controller of Examination for final announcement. Mid exam copies/Assignments/ Class test(s) are to be shared with the students after the assessment.
- 14.4 Expert / External examiner will be called only for Final Year Project /Thesis / Business Plan Examination.



Examination Hall View

15 Grade Equivalent

GRADE	GRADE POINT	PERCENTAGE OF MARKS
		THEORY / PRACTICAL / PROJECT
A+	4.0	≥ 90%
A	3.5	81% - 89%
B+	3.0	73% - 80%

B	2.5	65% - 72%
C+	2.0	60% - 64%
C	1.5	55%- 59%
C-	1.0	50% - 54%
F	0.0	< 50%
W*	N/A	N/A
I**	N/A	N/A

* Withdrawn ** Incomplete

Note: The results will be prepared on the basis of Grade Point Average (GPA). Fraction is to be considered as a whole number.

16. Computation of semester grade point average (GPA) and cumulative grade point average (CGPA)

GPA:

This is a figure ranging preferably from 0.00 to 4.00 be used to indicate the performance of a student in the semester concerned. A standard scale of 0.00 to 4.00 is adopted.

GPA=	$\frac{\text{Sum of all courses taken in a semester (Course Credit Hours x Grade Point Earned)}}{\text{Total Credit Hours taken in the semester}}$
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Semester Grade Point Average (GPA) and Cumulative Grade Point Averages (CGPAs) will be calculated using following relationship:

CGPA=	$\frac{\text{Sum of all courses taken in all semesters (Course Credit Hours x Grade Point Earned)}}{\text{Total Credit Hours taken in all Semesters}}$
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17. CGPA required for the completion of undergraduate degree programs

- 17.1 For completion of the degree, the minimum qualifying CGPA for all Bachelor's Degree Programs is 2.00.
- 17.2 In case a student secures less than 2.00 CGPA (minimum qualifying CGPA) after the last Semester of the degree program, he/she may be allowed to get re-admission in one or more courses, in which his/her Grade is C or below, provided that he/she is not debarred under the time duration specified for the program (as defined in Table 5.1). The readmission will be allowed after the payment of full admission fee.
- 17.3 A student, securing 2.00 or higher CGPA, after the last semester of the degree program may be allowed to improve one or more courses, in which his/her Grade Point is 2.5 or less¹, provided that he/she is not debarred under the time duration specified for

¹ Approved vide Resolution 111.8 of 111th Academic Council, dated 22nd May 2025

the program (as defined in Table 5.1); he/she may be allowed to get re-admission in that course(s).

The readmission will be allowed after the payment of full admission fee. A student can opt this option only if pass certificate, transcript and degree certificate are not issued in his/her favor.

18. Transfer of credit hours for undergraduates

- 18.1 Credits are transferred on course-to-course basis, i.e., a person taking course A at University X is allowed to transfer his/her credits to University Y provided that course A is equivalent to course B taught at the Y University.
- 18.2 No credit hour of a course will be transferred if the grade is less than C for undergraduate.
- 18.3 The transfer of credit hours should not be more than 50% of the total credit hours required for the degree.
- 18.4 Credit hours may only be transferred between duly recognized HEIs and Internationally recognized Universities.

19. Format of final transcript

The final transcript for the award of degree includes following information:

Front Side:

- Name of Student
- Father's Name
- Surname/Last Name
- Date of Birth
- Roll No.
- Enrolment No
- Name of the Program
- Date of Admission / Date of Migration into Degree Program
- Semester Wise Break-up
- Subjects Name along with Credit Hours
- Type of Enrolment – Full Time
- Picture of the Applicant be Printed on Transcript
- Date of Completion of Degree Requirements
- Mode of Study – Regular
- Medium of Instruction- English
- Online Result Verification Key/ID (Front Side at the End of the Transcript)
- GPA/CGPA (at the End of the front side of Transcript)

Back Side:

- Basic Admission Requirement of the Program
- Previous Degree held by the student along with Institution Name
- Credit Hours Exempted/Transferred if any/applicable.
- CNIC No. for Pakistani and Passport No. for Foreign Students
- Grading System must be mentioned on Back Side of the Transcript
- Charter Date of the University/DAI may be mentioned

- Name of Campus/College be mentioned along with HEC Permission Date
- Signature of Issuing Officer(s) (Front and Back Side at the end of the Transcript)
- The transcript must have the water-mark seal on it.
- For equivalence of CGPA to percentage, for Transcript purpose only, as per table placed below:

CGPA	4.00	3.5 – 3.99	3.0 - 3.49	2.5 - 2.99	2.0 - 2.49	1.0 - 1.99
Equivalent (%)	95	87	79	70	62	55

20. Departmental committee

Each Department/ Institute will have a Departmental Committee consisting of three senior most teachers of the Department / Institute including Chairman/ Director to assess the progress of the students during the semester and the results of all the examinations including the final semester examination. In case of any discrepancy in the results, during scanning process, the concerned committee will assign a subject expert (other than the Subject teacher) for rechecking the Scripts. The final recommendations of the Departmental Committee concerning the results will be submitted through the concerned Dean and Pro Vice Chancellor/ Vice Chancellor for consideration and approval.

21. Course file

Maintaining the Course File is compulsory for all faculty members. It should have complete record of every activity that happens during the course. The course file should contain:

(For Theory)

1. Academic Calendar
2. Course contents with defined CLOs, taxonomy level and linking to PLOs
3. Tentative Teaching Plan
4. Lesson Plan
5. Classes Timetable and student counselling hours including record of makeup classes (if any)
6. Semester Progress Report
7. Student's attendance register
8. Teaching material
9. Class sessional activities and record (Tests/ Assignments / etc. with solutions)
10. Mid Semester and Final Exams Question papers and solutions
11. Sample of best, worst and average answer sheets of Tests / Assignment / Exams
12. Award Lists
13. Assessment Sheet conforming to the CLOs and PLOs
14. Course Evaluation Report

(For Practical)

1. Academic Calendar
2. List of Experiments
3. Tentative Teaching Plan
4. Laboratory Time Table
5. Student's attendance register
6. Laboratory Manual / Workbook
7. Rubrics Sheet

8. Sample of Objective type paper with solution
9. Sample of Best, Worst, and average Objective type test
10. Award Lists
11. Assessment Sheet conforming to the CLOs and PLOs
12. Course Evaluation Report

22. Freezing of semester

- 22.1 If a student freezes a semester(s), he/she will resume his/her studies from the same stage where he/she left (froze). No freezing during the semester will be allowed. The maximum duration of the degree program shall remain the same.
- 22.2 The duration of Freezing is one year; a candidate who gets a semester freeze can get readmission next year with upcoming session.

23. Indiscipline in examinations (Unfair Means Cases Committee)

- 23.1 Any candidate found guilty of following matters; his/her case will be submitted to Unfair Means Cases Committee constituted by the University:
 - Removes a leaf from his/her answer book, the answer book shall be cancelled.
 - Submits forged or fake documents in connection with the examination.
 - Commits impersonation in the examination.
 - Copies from any paper book or notes.
 - Mutilates the Answer Book.
 - Possesses any kind of material, which may be helpful to his/her in the examination.
 - Does anything that is immoral or illegal in connection with the examination and which may be helpful to him/her in the examination.
 - Refuses to obey the invigilation staff or refuses to follow the instructions issued by the University in connection with the examination.
 - Misbehaves or creates any kind of disturbance in or around the examination center.
 - Uses abusive or obscene language on the answer script.
 - Possesses any kind of weapon in or around examination center.
 - Possesses any kind of electronic device which may be helpful in the examination

His/her case shall result in penalties keeping in view the nature and intensity of offence.

- i. Cancellation of paper*.
- ii. Suspension from program for one semester.
- iii. Heavy and light Fine
- iv. Expulsion forever from the University.
- v. Any other.

**Unfair Means Cases Committee will decide that the student will have to appear in summer semester/with regular semester for the cancelled paper.*

24. Appeal against the decision of the Unfair Means cases Committee

If a student is not satisfied with the decision of the Unfair Means Cases Committee, he/she can submit his/her appeal within a week after the decision of the Committee to the Vice Chancellor. No appeal shall lie against the decision of the Syndicate.

25. Probation

Probation is a status granted to the student whose academic performance falls below the minimum University standard.

- i. Students who fail in any course in a semester shall be placed on probation. Additionally, students who pass all their courses but have a GPA below 1.7 out of 4.00 shall also be placed on probation. Such students shall register themselves in summer semester for passing the course/improving their GPA.
- ii. In an academic year [Odd Semester + Even Semester+ Summer Semester] if a student remains on probation for both semesters [Odd + Even], even after attending a Summer Semester of that academic year, he/she shall be removed from the university rolls. However, he/she will be eligible to seek re- admission. Re-admission will be allowed after the payment of full admission fee.
- iii. A student must complete the degree course within the allowable degree course duration, i.e., 06 years for 04-year degree program and 07 years for 05-year degree program. In cases of valid reasons, the duration of study for any university program may be extended by one additional year (two semesters). Request for extension in duration of study can only be made after 06 years of study for 04-year degree program/ after 07 years of study for 05-year degree program. Students who do not complete their studies within the specified period, including the extension, shall be removed from the university rolls. Students granted an extension shall be required to pay the full admission fee [Reference Table 5.1].

26. Permission of writer for special students

- 26.1 A visually impaired student may be allowed to attempt the Mid/Final Examinations of the University on Braille/ Computer/any other means of facilitation.
- 26.2 In case a student is physically handicapped/visually impaired, he/she may apply to the Chairperson of the respective department (with medical certificate as proof of her/his disability) for permission to engage a writer in Tests/ Examinations of the University two weeks before the start of Tests/ Examinations. He/she will be allowed 45 minutes (maximum) extra time to solve the question paper.
- 26.3 The qualification of the person who acts as writer of a handicapped student must be at least one step lower than that of the student. (e.g. for level 6 student, the writer should be at the most of level 5).

27. Damaged/lost answer script

In an exceptional case where an answer script is damaged, lost or destroyed due to unavoidable circumstances, then the student may be given the following options:

- a. Average marks shall be awarded to the student in that subject/course.
- b. In case of Final Year Examination, if the candidate so desires, he/she shall be given another chance as a special case to take the Examination in that subject/course in the next examination and no examination fee shall be charged from the student.

28. Awards and distinctions

- i. Medals/Positions will be awarded to the students passing their courses/papers in Semester System in the first attempt only.
- ii. In the Semester System, Letter Grades will be awarded on the basis of GPA / CGPA and Positions would be given on the basis of CGPA. The CGPA calculation will be considered up to four (04) decimal places for the award of Positions. In case two or more students are acquiring same CGPA up to four (04) decimal places, only then the Positions will be shared among those students.
- iii. No medal and position will be granted to candidates who passed the examination in 2nd attempt.
- iv. No medal and position will be granted to candidates who registered himself/herself in summer semester/special semester(s).
- v. No medal and position will be granted to candidates who completes the degree beyond the minimum prescribed duration.
- vi. No Medal/Roll of Honor will be awarded in the case of improving CGPA.
- vii. The disciplines where number of students is less than 10, no position will be awarded in semester system.

29. Re-admitted Students

These rules & regulations are also applicable to those student(s) who have got re-admission with **26** and onward batch(es).



Basant Festival Celebrations



CODE OF CONDUCT

Ignorance of HiAST Code of Conduct, Rules and Regulation is no excuse. It is the responsibility of the students to familiarize themselves with code of conduct and seek clarification wherever required.

The code is aimed at encouraging and shaping professional behavior and ethics in the students. The code, as laid down below, is to be strictly observed:

1. General:

- i. All the students will be issued HiAST student Identity Cards. They should display the ID Cards while they are in the Institute.
- ii. Shalwar Qameez, T-shirts, Caps, Jeans and Joggers are not allowed. Formal dress code will be maintained with closed collars. College students must be in prescribed uniform. Their trousers must be dress pants with minimum 18” bottom collar, and cuff buttons of their shirts must be closed and neck ties must be worn properly.
- iii. The use of ornaments by female students is strictly prohibited.
- iv. Use of Mobile Phones in the premises is **strictly prohibited**. A fine of Rs. 500/- will be charged on mobile phone usage in the classrooms. For college students, the mobile phones are not allowed within the college premises. Students can be searched if doubted of bringing the phone to the campus. The students going against this rule for the first time will be fined Rs. 500/- and the phone will be returned to the parents only. If any student repeats this violation, the administration reserves the right to take firm action against him/her.
- v. Behave courteously and politely and respect all the teachers, fellow students, staff and visitors to the Institute.
- vi. Be punctual in attending the classes, lab sessions and other academic activities.
 - ✓ Students coming 5 minutes after commencement of class are not allowed to enter the classroom.
 - ✓ During the class, students are normally not allowed to leave for drinking water/ visiting washroom etc., unless unavoidable.
- vii. Maintain the cleanliness, layout, arrangement discipline and decorum of the class room, computer lab and library.
- viii. Keep voice low while walking through corridors so that the classes in progress may not be disturbed.
- ix. The Institute has the authority to suspend or expel any student from the Institute if he/she is found involved in politics any student’s union, use of unfair means in the examination or guilty of an act of indiscipline. The scope of an act of indiscipline shall be determined by the Management of Institute and shall be final and binding.
- x. The following shall constitute acts of indiscipline and would render the student concerned liable for disciplinary action:
 - ✓ Inciting or staging a walk out, strike or organizing unauthorized procession.
 - ✓ Any act which is against the prestige of the Institute, the reputation of its staff or faculty.

- ✓ Involvement in any sort of quarrels, rowdiness or disputes.
 - ✓ Bringing unauthorized person(s) in the Institute premises.
 - ✓ Destroying and damaging institute's property, furniture and fixtures etc.
 - ✓ Irregular class attendance/unauthorized absence from classes.
 - ✓ Being habitually unpunctual and untidy.
 - ✓ Rudeness of the students or their Parents/Guardians towards the staff members.
- xi. All decisions taken by the Institute's Management to handle disciplinary cases would be final and binding upon the student concerned and these decisions cannot be challenged at any forum.
 - xii. The students are not allowed to collect any type of subscription or funds for any purpose whatsoever without the prior permission of the competent authority.
 - xiii. Visitors are not allowed to enter the Institute premises without prior permission of the Institute's Management.
 - xiv. Any student may be suspended or dismissed from academic program, if the Institute determines that he/she has failed to achieve satisfactory academic progress in the program.

2. Campus:

- i. Reading the STOP PRESS is compulsory. It must be read in the morning as well as at the end of the classes.
- ii. Smoking, chewing Paan etc. or any other such activity is prohibited in and around the campus.
- iii. Loose talks, un-parliamentary/coarse language will not be used in the class/Institute.
- iv. Writing on walls, doors, chairs and washroom is strictly prohibited.
- v. Standing in the staircases, corridors and office passages are not allowed.
- vi. In case of any damage to the property of the institute, penalty will be levied upon the student responsible for the damage.
- vii. Students are not allowed to visit the senior management offices without appointment.
- viii. Students should leave the campus within 10 minutes after the end of last lecture. Female students are advised to arrange transport facility by the appointed time, if availed by them. In case the stay is necessary beyond 10 minutes, permission may be obtained from the concerned Coordinator/Director Academics/Principal. Names of late goers will be reported by the Security Guards on duty to the Coordinator/Director Academics/Principal/Registrar immediately.
- ix. Services, like, telephone, photocopy and transparencies are not complimentary.

3. Attendance:

- i. Students should come to the assigned classroom before the commencement of classes.
- ii. Students shall attend the lectures/practical/lab sessions regularly.
- iii. Students must attend a minimum of 75% of the classes, and clear their dues, failing which the examination form will not be forwarded to the concerned University/ Board.

4. Leave:

The concept of leave does not prevail at HiAST. Students are expected to have 75% attendance to be eligible to appear in the examinations. If he/she fails to get 75% attendance, he/she will have to repeat the semester as per policy.

5. Financial Assistance:

The institute provides need/merit base scholarships to certain students. Students provided this assistance are expected to be more punctual, regular, disciplined and good in academics. The scholarship/financial assistance would be withdrawn without prior notice if a student

- ✓ Has less than 80% attendance.
- ✓ Is mostly absent from morning assembly (applicable for college students).
- ✓ Falling in Mid-semester examination.
- ✓ Falling in semester examination.
- ✓ Is instrumental in disturbing the class.
- ✓ Is having a less than 70% mark in the monthly tests.

All the scholarship cases would be reviewed periodically and financial assistance to the students not fulfilling the above criteria will be forfeited.

6. Internal Evaluation:

- i. Students must take all periodic tests and complete all the given assignments for the purpose of internal assessments by the set date.
- ii. Assignments given to the students should be completed and submitted within the specified time period. The faculty or the management shall not be under any obligation to extend the time.
- iii. Evaluation of test and assignments by the faculty, for the purpose of internal assessment, shall be final and binding on the students. Generally, complaints in this regard shall not be entertained.
- iv. The management has the right to debar any student from appearing in any examination at the Center, if his/her attendance or performance in the internal or preliminary examination is not satisfactory.
- v. Internal evaluation is done by the teacher concerned and is based on the student's performance on the following:
 - ✓ Midterm tests
 - ✓ Quizzes
 - ✓ Class tests
 - ✓ Assignments
 - ✓ Case study
 - ✓ Presentation
 - ✓ Community Services

7. Computer Laboratory:

- i. Students should come to the computer laboratory at the time allocated/booked for them. Each student is required to observe all rules and regulation in the computer lab.
- ii. The management may give extra time depending on the availability of the computer lab, on first come first served basis.
- iii. Eating, drinking, making noise, chatting and playing games in the labs are strictly

- prohibited. Students are advised to take care of the hardware. In case of any damage, the student shall be charged accordingly.
- iv. Before leaving, arrange the computer peripherals (i.e., Keyboards, monitor, mouse etc.) and chairs.
 - v. Don't shut down the system without the permission of lab-staff.
 - vi. The lab staff is to be informed on finding any computer related trouble. Don't try to fix it by yourselves.
 - vii. No printing is allowed without the permission of lab In-charge.
 - viii. Don't bring your hardware in the labs.

8. Library:

- i. To avail this facility, the student must register his/her name and pay the prescribed library deposit.
- ii. Once a student pays the library deposit, he/she becomes a bonafide member of the library and a library card is issued to him/her.
- iii. Only valid card holders may use the library.
- iv. Books are issued for six days only. Not more than two books shall be retained by a borrower at a time. Penalties/Fines may also be levied if the returned book is damaged, spoiled or has missing pages or is not in the same condition in which it was issued. Marking the book either with pencil, highlighter, marker or pen is strictly prohibited.
- v. The books marked as "REFERENCE" will not be issued. This can be consulted only in the library. However, photocopies of some of the pages can be availed on payment.
- vi. Dictionaries/Encyclopedias will not be allowed to be taken outside the library in any case.
- vii. If a diskette/CD is enclosed along with a reference book, the student must ensure that it is not damaged.
- viii. In case of loss of a library book, the student will have to pay two times more than he actual price of the book.
- ix. Vandalism in any form will not be tolerated.
- x. Bad language/behavior and disruption in library activity will be appropriately dealt with.
- xi. Consumption of food, chewing gum and paan in library is completely prohibited.
- xii. Without Institute's student Identity Card, no student will be allowed to enter the library.
- xiii. Complete silence should be observed in the library.
- xiv. Before taking out any book one has to consult the Library In-charge.
- xv. Students should return the books in good condition and on specified date which is mentioned on due date slip.
- xvi. Regarding penalties/fines or any matter concerning the library, the decision of Management will be final and binding.



PRE-ADMISSION TEST**SAMPLE TEST PAPERS*****General Instructions***

The test is divided into following four parts and sub-parts:

Part I:	English	25 Questions
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- Vocabulary
- Grammar
- From Text
- Sentence correction

Part II:	Physics	25 Questions
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- All chapters (XI and XII)

Part III:	Mathematics/Biology	25 Questions
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- All chapters (XI and XII)

Part IV:	Chemistry/Computer Science 25 Questions
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- All chapters (XI and XII)

PART-I

English

Vocabulary

1. Ali was so nervous during his first public speech that he started to _____ his words.
- a) Undermine
 - b) Stammer
 - c) Admonish
 - d) Belittle

Grammar

2. We _____ dinner at 7 PM every evening.
- a) have
 - b) having
 - c) is having
 - d) are have

From Text

3. How were Quaid's feelings even though he drove through the unceasing shouts of People?
- a) Gay and Gaiety
 - b) Calm and serene
 - c) Quite happy
 - d) Quite gloomy
4. Who wrote the novel "The Prisoner of Zenda"?
- a) Shakespeare
 - b) Words Worth
 - c) Anthony Hope
 - d) John Milton

Sentence Correction

5. The team of experts was working on the project.
- a) were
 - b) had
 - c) will
 - d) have

PART-II

Physics

1. The measure of the amount of matter in an object is called:
 - a) Weight
 - b) Volume
 - c) Density
 - d) Mass
2. The energy possessed by a body due to its motion is called:
 - a) Potential Energy
 - b) Kinetic Energy
 - c) Chemical Energy
 - d) Thermal Energy

PART-III

Mathematics

1. If $y = e^{3x}$, then $\frac{dy}{dx}$ is:
 - a) $3e^x$
 - b) $3e^{3x}$
 - c) e^{3x}
 - d) e^x
2. If $\sin \theta \cdot \cos \theta = \frac{1}{2}$, then θ is:
 - a) $\frac{\pi}{3}$
 - b) $\frac{\pi}{4}$
 - c) $\frac{\pi}{6}$
 - d) $\frac{\pi}{2}$

Biology

1. Enzymes act as catalysts by:
 - a) Increasing activation energy
 - b) Decreasing activation energy
 - c) Consuming reactants
 - d) Producing energy
2. If non-protein part is covalently bonded, it is known as:
 - a) Co-enzyme
 - b) Activation
 - c) Prosthetic group
 - d) Product

PART-IV

Chemistry

1. Which element has the chemical symbol 'O'?
 - a) Gold
 - b) Oxygen
 - c) Osmium
 - d) Ozone
-
2. Which gas is most abundant in Earth's atmosphere?
 - a) Oxygen
 - b) Carbon Dioxide
 - c) Nitrogen
 - d) Hydrogen

Computer Science

1. Which of the following is the brain of the computer?
 - a) RAM
 - b) Hard Drive
 - c) CPU
 - d) Monitor
-
2. A hard drive is used for:
 - a) Input
 - b) Processing
 - c) Storage
 - d) Output

-----GOOD LUCK-----

All the candidates who have qualified the Pre-admission Test of this Institute, are hereby advised in their own interest to **read the following INSTRUCTIONS very carefully**. Those having their names appear in the Provisional First Merit Interview Call List should also note down the schedule for their personal appearance to submit their original documents, interview and admission.

1. The **Data Record (Provisional General Merit List)** of all the candidates will be displayed on the website of the Directorate of Admissions: admissions.muett.edu.pk soon after the conduct of pre-admission test and announcement of result. If any of the candidates wants to make correction(s) in his /her Data Record, may contact Admissions Office soon after publication of Provisional General Merit List.
2. The **First Provisional Merit Interview Call List** will be notified and displayed on the official websites of the University: admissions.muett.edu.pk; muett.edu.pk.
3. Each candidate shall then be required to appear before the Admissions Committee of the University for an interview at Mehran UET, Jamshoro campus on specific date and time as per schedule displayed on the Admissions website to choose the discipline of his / her choice from the available seats in their respective categories. **Each candidate shall report personally along with a parent/a guardian for his/her interview according to the order of the Interview Call List.**
5. All the candidates must bring **ALL** the following **ORIGINAL** documents (including previous and improved/changed group marks certificates, if available) along with photocopies of the documents as mentioned on the date and time according to the schedule. Candidate should come prepared to secure their admission. No candidate in any circumstances will be entertained with short of the any of the following documents:

a)	SSC or Equivalent Marks Certificate	<u>Original</u> and one attested photocopy
b)	HSC-I/DAE or Equivalent Marks Certificate	<u>Original – (to be retained)</u> and one attested photocopy
c)	Admit Card (Slip) for the Group Changers	One attested photocopy
d)	Affidavit for Group Changing Candidates	Original copy
e)	IBCC Equivalency Certificate (For foreign examinations)	<u>Original</u> and one attested photocopy
f)	Domicile Certificate of Candidate	<u>Original</u> and one attested photocopy
g)	PRC (Form-C) of Candidate	<u>Original</u> and one attested photocopy
h)	CNIC / CRC/ B-Form	<u>Original</u> and one attested photocopy
i)	Affidavit*	<u>Original</u> and one attested photocopy
j)	Physical Fitness Certificate*	<u>Original</u> and one attested photocopy
k)	Hifz-e-Quran Sanad (for Hafiz)	<u>Original</u> and one attested photocopy

*The specimen of the Affidavit and Physical Fitness Certificate proformas can be downloaded from Admissions Website.

5. If any of the candidates is unable to attend the interview in case of **exceptional circumstances** shall contact the Directorate of Admissions at least 24 hours prior to his / her interview date. He/ She shall

be required to present the proof of his / her absence. The candidate if allowed, must authorize (authority letter) any of his parents/ guardians to appear and carryout all decisions/ formalities in the interview on his / her behalf. The authority letter must contain specimen signature of the candidate and a copy of CNIC.

7. All the candidates/parents shall bear in mind that they are appearing in the interview with their own consent and they shall wear mask as precautionary measure to avoid any infection while traveling to / from the university, during interview, and after they leave the university premises.
8. If any of the candidates reports after his / her scheduled final reporting time, University authority may consider him / her for admission on merit against leftover seats at the end of the day.
9. If any of the candidate does not report on his / her scheduled day, the University authority may consider him / her for admission on merit against leftover seats in subsequent lists.
10. The candidates who do not appear for interview on the specified schedule dates shall not be considered for admission and his / her name shall be deleted from the Merit List.
11. All candidates should bring **CASH (Payment shall be made on spot)** to deposit the following fees (whichever applicable) on the day of interview:

Fee Charged from the Candidates on Spot at the Time of Admission	Admission Fee for First Year and Tuition Fee for the First Semester
BSCS Degree Program	Rs. 146,300/-

Note: For the purpose of reference the printed documents related to admission (e.g., Prospectus, Merit List, and Admission Schedule etc.) shall be quoted in case of any objections/claims. No telephonic or personal statements shall be considered relevant in any of such claims. The University will not be responsible for any infection to any of the candidates/parents/guardians appear in the interview.



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