

Economics:

Programs: BS, M.Sc. and M.Phil.

Research Areas: Trade Development, Macroeconomics and Development Policy, Economic Growth and Development, Economic Development and International Trade and Agriculture and Environmental Economics.

Publications: 26

English:

Programs: BS and MA

Research Areas: Literature and Linguistics

Home Economics:

Programs: BS and M.Sc.

Mass Communication:

Programs: BS

Institute of Modern Languages:

Programs: Diploma and Certificate Courses

Islamic Studies:

Programs: MA & M.Phil.

Research Area: Tafseer, Hadees, Seerat, Arabic Language and Literature.

Publications: 11



Faculty of Engineering and Technology

Civil Engineering:

Programs: B.Sc. and M.Sc.

Research Areas: Cementitious and Brick Materials, Soil and Structural Foundations, Dams and Embankments and Nanotechnology.

Publications: 55

Computer Systems Engineering:

Programs: B.Sc. and M.Sc.

Research Areas: Pattern Recognition and Analysis, Intelligent System Design, Embedded System Design, Digital Image Processing for Medical and Security Purposes.

Publications: 60

Electrical Engineering:

Programs: B.Sc, M.Sc. and Ph.D

Research Areas: Data Communication and Networking, Nanotechnology, Efficient Solar Energy Production and Digital Image Processing.

Publications: 133

Mechanical Engineering:

Programs: B.Sc. and M.Sc.

Research Areas: Thermal Power, Renewable Energy, Combined Heat and Power and Building Environment Energy Management.

Publications: 76

Power Engineering:

Programs: B.Sc.

Research Areas: Renewable Power Energy Systems, Smart Home Systems for Energy Efficiency and Smart Grid System.

Publications: 14

Software Engineering:

Programs: B.Sc.

Research Areas: Body Centric Wireless, Adhoc Networks, Automated Detection and Prediction of Glaucoma Ocular Disease and Software Economics.

Publications: 23

Mirpur Institute of Technology:

Programs: B.Sc.

Research Areas: Telecommunication, Control.

Faculty of Natural Sciences

Biotechnology:

Programs: BS, M.Phil. and Ph.D.

Research Areas: Industrial Biotechnology, Protein Engineering, Plant Tissue Culture, Regenerative Medicine and Plant Genomics,

Publications: 133

Botany:

Programs: BS, M.Phil. and Ph.D.

Research Areas: Plant Biosystematics, Plant Biodiversity Conservation and Entho-

pharmacology.

Publications: 157

Chemistry:

Programs: BS, M.Phil. and Ph.D.

Research Areas: Natural Products Chemistry, Organic Chemistry, Nanomaterials, Environmental Chemistry, Organometallic Chemistry and Enzymes Chemistry.

Publications: 133

Computer Science and IT:

Programs: BS, M.Phil.

Research Areas: Intelligent Vehicles, Image Processing, Software Engineering, Networks and Swarm Optimization.

Publications: 38

Mathematics:

Programs: BS, M.Phil. and Ph.D.

Research Areas: Mathematical Modelling in Life Sciences, Linear and Non- linear Control, Differential Equations and Inequalities.

Publications: 30

Physics:

Programs: M.Sc. M.Phil. and Ph.D.

Research Areas: Laser Spectroscopy, Materials Science, and Theoretical Plasma Physics.

Publications: 73

Zoology:

Programs: M.Sc. and M.Phil.

Research Areas: Human Genetic Diseases, Immunology, Environmental Toxicology, Wild Life Conservation and Microbiology.

Publications: 22



Faculty of Health and Medical Sciences

Akson College of Pharmacy:

Programs (Pharm-D)



MUST
WISDOM AND VIRTUE



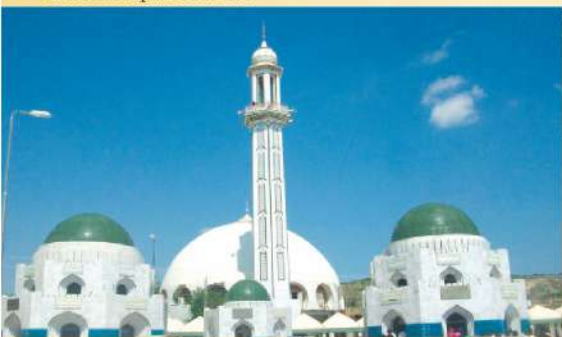
Ramkot Fort

Mirpur City

Mirpur University of Science and Technology (MUST) is one of the public sector universities in the Azad Jammu and Kashmir. It was established through ordinance in 2008 and started functioning in 2009 in Mirpur. The Act of the University was passed by the AJK Legislative Assembly in 2014. Mirpur is one of the largest and modern city of the AJK known for its grand structures. The city is situated at an elevation of 459 meter above sea level and is about 30 km away from Grand Trunk Road at the Dina Junction. The typology of Mirpur comprises of partly plain and partly hilly areas. Its hot climate and other geographical conditions closely resemble to the northern Punjab.

The construction of Mangla dam in 1960s converted Mirpur into a big artificial lake, Mangla Lake, now largest water reservoir in the country. A planned Mirpur city with modern architecture was developed on the banks of lake. Some industries have also been developed in the city which includes pharmaceutical, foam textile, marble, garments, scooters, cosmetics etc. Mirpur is also known as land of Mian Muhammad Bakhsh, a sufi saint and poet, especially renowned for his famous book

'Saif-ul-Maluk'. The establishment of MUST brought revolution in the higher education sector in the AJK. It has provided tremendous learning opportunities not only to the local students but also to students of the adjoining areas of Pakistan. It is progressing at a rapid pace and has achieved the highest 'W' Ranking in the QEC rating of the HEC in a short span of time.



Khari Shareef Mosque

The city is also blessed with two medical colleges, the Mohtrama Benazir Bhutto Shaheed (MBBS), Medical College in the public sector and Mohi-ud-Din Islamic Medical College in the private sector. The MBBS Medical College has recently been upgraded as MBBS University of Medical Sciences. It also has a number of government and private colleges for boys and girls. In presence of premier academic institutions, the Mirpur is turned into an education city. The city also has a lot of opportunities for business and tourism. Places popular among tourists are Ramkot Fort, Water Sport Club Mangla, Tomb of Piray-Shah-Ghazi besides other nearby important places.



Hindu Temple in Mangla Lake



Chowk Shaheedan

The MUST comprises of four Faculties, Faculty of Engineering and Technology, Faculty of Natural Sciences, Faculty of Social Sciences & Humanities and Faculty of Health and Medical Sciences. Faculty of Engineering and Technology has seven departments, Electrical, Mechanical, Civil, Computer Systems, Software, Power and the Mirpur Institute of Technology. Faculty of Natural Sciences has seven departments, Biotechnology, Botany, Chemistry, Mathematics, Physics, CS & IT and Zoology while the Faculty of Social Sciences and Humanities has nine departments, Islamic Studies, Home Economics, Law, Education, Economics, English, Mass Communication, Institute of Modern languages and the MUST Business School. Faculty of Health Sciences includes Akson College of Pharmacy. The MUST Business Research Centre and the MUST Entrepreneurial Incubation Centre have also been established under the MUST Business School. University has also established School of Heritage and Tourism (SHT), Centre for Continuing Professional Development (CCPD) and Distance Learning Centre (DLC). The university has also established the Office of Research, Innovation and Commercialization, Network & Telecommunication Centre and the Students Financial Aid Office.

The total number of students including Bachelors, Masters and PhDs in the Faculty of Engineering and Technology is 2134. Faculty of Natural Sciences has 1903 students while the Faculty of Social Sciences and Humanities has 1376 students. The faculty of Health and Medical Science has 237 students.



The establishment of the MUST was directed at promoting knowledge and grooming students to their highest potential so that they may be able to contribute in the development of the country. The MUST has also developed the Campus Management System (CMS) which is a complete online system for monitoring the progress of students and teachers. Parents can now track the progress of their children through CMS while sitting at homes. We consider faculty as heart and soul of the University. They are devoted to fulfilling the mission of the University. Our industrious staff performing to the satisfaction of all stakeholders. Research laboratories are equipped with state of the art machines, apparatuses and equipment for training of students. Enhancement of the quality of education in MUST is our endeavor. We wish to develop the University meeting international standards.

The University has launched its various products to involve the local community and Kashmiri diaspora in the development of the University. The detail of the University products may be seen at the University Website www.must.edu.pk.



Facilities and Services

- ❖ Ali Ahmed Shah Library
- ❖ Network and Telecommunication Centre (NTC)
- ❖ Office of Research, Innovation and Commercialization (ORIC)
- ❖ Planning and Development (P&D)
- ❖ Quality Enhancement Cell (QEC)
- ❖ Students Affairs (SA)
- ❖ Students Financial Aid Office (SFAO)
- ❖ Hostels and Halls
- ❖ Cafeteria and Canteens
- ❖ Centre for Peace and Progress
- ❖ Graduates Placement Bureau



Faculty of Social Sciences & Humanities

MUST Business School:

Programs: BBA, BS Banking, MBA(1.5 years), MBA(2 years), MBA (3.5 years), M. Com. MS & Ph.D.

Research Areas: Entrepreneurship, Finance, Tourism, Marketing, Social Corporate Responsibilities and Organisational Performance Analysis.

Publications: 60

Education:

Programs: BS, ADE, MA and M.Phil.

Research Areas: Impact of Social Media in Education, Peace Education, Paradigm Shift in Biographical Research, Social Media to Maximize Learning, Educational Aims, Educational Psychology, Curriculum Alignment and Design.

Publications: 8

Law:

Programs: BA, LLB (Hons)

Join Us: Make Your Impact Felt

Professorships: The University has instituted the professorships. Honour your loved ones by sponsoring and naming any of the professorships for Rs. 2 million per annum and for Rs 10 million for 20 years and for Rs. 20 million for good.

Parks/ Corners: Naming a corner or a park to be built in the university premises for Rs. 01 million and 05 million respectively.

Laboratories (1500 sft)/ Classrooms (750 sft): Naming a laboratory or a classroom of any of the discipline for RS. 07 million and Rs. 04 million, respectively (@ Rs. 4200 per sft)

Hall/ Hostels (33,000 sft): Naming a hall or a hostel for about Rs. 180 million (@ Rs. 4200 per sft)

Departments (40,000 sft): Naming a department for Rs. 180 million (@ Rs. 4200 per sft)

Institutes (50,000 sft): Naming an institute for Rs. 250 million (@ Rs. 4200 per sft)

All products and their rates are valid only for the year 2017-18. The cost mentioned for each of the products is subject to increase @ 15 % per year. Payment may be made directly to the firm or the university may be allowed to do the same through the committees, comprising members of the civil society in a transparent manner to the satisfaction of the sponsor. The university shall regularly update the record of all the investments through a dedicated campaign website. This will have all the record of investments and expenditures in a prescribed manner.



Need to Meet

Higher education is at a crossroads and getting more and more expensive. Thus, this Campaign comes at a pivotal time. Now is our moment and we cannot succeed without your partnership and support.

We invite you to continue supporting our goals and aspirations because we have so much left to do. MUST and AJK together have always been at their best when our community is working together.

For further information please visit:

www.must.edu.pk, email: vc@must.edu.pk

Phone: (+92) 5827 961034

Fax: (+92) 5827 961039



Mirpur University of Science and Technology (MUST)
Allama Iqbal Road, Mirpur-10250 (AJK).



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MUST CAMPAIGN: TO IGNITE CHANGE



Mirpur University of
Science and Technology (MUST)



Be the Part of Change

Mirpur University of Science and Technology (MUST) was established with the endeavour to impart quality higher education to the youth of State including Kashmiri Diaspora. Our vision is to be a superior teaching and research institution, having transformative impact on society and acting as a knowledge corridor between Azad Jammu & Kashmir, Pakistan and rest of the World.

Since its inception has been developing human resource to international standards, making a difference and transforming lives. MUST is going through the development phase as any new university undergoes. The challenges are enormous, however our resolve is firm. Accepting the challenge of providing state of the

art facilities and reinvigorate the unique learning environment, the administration at the MUST has already secured development project of Rs. 2 billion for the construction of the university buildings. The construction work has already been started at the new site of the university near Mirpur.



The MUST administration is leaving no stone unturned for development of the university on fast track basis. We would urge the local community, Kashmiri Diaspora, Alumni, Friends, Parents, Corporations, Foundations and other benefactors and partners to extend ownership to the MUST and contribute towards its development in a considerable way, as we do recognize contributions in a stately and worthwhile manner you would definitely appreciate. The gift you make is not a gift, it is an investment that we take seriously and apply wisely. Its a buying power, fuel for the growth of our endowment and in turn, the advancement of our University, its scholarships, research, faculty and infrastructure. We will use it carefully and it will strengthen MUST for future generations.

The MUST products have been launched with a view to involve you in the development of your university. By making a personalized gift after your name or that of a loved one, you not only support the ongoing MUST Campus development project, but also make a lasting physical sign of your commitment to the future of the MUST and its mission.

The MUST Products

Brick Campaign: One brick for Rs. 0.1 (small) and 0.2 million (large). Make your mark and purchase a reclaimed, monogrammed (glass covered) brick with your name on it, fixed it to the purpose built monument for displaying the bricks to honour the contribution.

Scholarships: Support the future of your university by helping students who might otherwise be unable to afford a higher education by paying 0.2 million per annum (fee and mess charges) and name the scholarship as per desire of the sponsor.

Gold Medals: The University recognizes the high achievers by awarding gold medals to first position holder of each of the degree programs in the university convocation annually. Sponsor of one gold medal costs for Rs. 1 million forever. The gold medal will be named after the names of the sponsor's parents or any person the sponsor likes for naming the medal.

Chairs: The University has instituted various chairs. Sponsoring the chairs costs Rs. 2 million per annum and for Rs. 10 million for 20 years and Rs. 20 million for good. One of the chairs has already been instituted after the name of the famous Saint-Philosopher Mian Muhammad Bukhsh.



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