## CONTENTS



This booklet is

dedicated to

Engr. Khanzah Khan (Late)

for his untiring & meritorious

services in making of this

Institute



## RECTOR'S MESSAGE



## **Zafarullah Khan**

Founding Rector,
Chairman Board of Governors,
BRAINS Institute Peshawar.
Chairman BRAINS Education Foundation.
Secretary General, Chamber of Education,
Member Senate, The University of Peshawar.
Founding Focal Person,
The Street/State Children (Zamung Kor) GoKP
Member Board of Directors, Frontier Education Foundation

The story of BRAINS offers an interesting reading for more than two decades of its dedicated services which enabled our youth to confidently enter into the modern age of Information Technology. It takes alot of institutional effort on part of our management for sponsorship of merit, professionalism and knowledge culture.

"Knowledge we assemble and disseminate", "commitment to excellence" "Opening Minds, Building Futures" remained the glowing slogans which continuously fueled our passion for achieving the best inthe areas of education, training, software development and students counseling.

By the grace of Allah (SWT), this journey brought about the development of BRAINS from a small scale IT organization into a leading degree awarding institute which has to its credit the provision of undergraduate and postgraduate degrees along with a number of international certifications, being offered in collaboration with reputed universities, boards, corporate bodies, civil society, the government and international agencies.

By the grace of Almighty we have been awarded the status of HEI by government of KP through an act of KP assembly, while HEC has awarded us the recognition. We plan and strive to continue with our values of innovation, market orientation and most importantly of excellence. In the backdrop of fast paced technological advancements, competitive job market and demanding international economic conditions our institutions are faced with a herculean task to adjust themselves for preparing our youth who are up to the task amid all the challenges. Mindful of the role of the institute to shape futures in response to such challenges, the management of BRAINS has decided to lead with a spirit of non-profit institution and make quality education accessible to all sections of the society. In this regard the up gradation of BRAINS to a Degree Awarding Institute for launching of new programs in IT, management, engineering, and allied sciences with a magnanimous Talent Hunt Scholarship Scheme is a giant stride in the direction. Moreover, the establishment of Hope Academy for the Street Children in Peshawar city in collaboration with Child Protection and Rehabilitation Trust (CPRT) UK and the Govt. of Khyber Pakhtunkhwa provesour commitment to the cause of education with exemplary social responsibility. To see this institution as a model par excellence and foster leadership in all walks of life, I call upon all members of the faculty, staff, students and alumni to join hands and give their best.

Wishing you a prosperous journey.

## PRO RECTOR'S MESSAGE

### **Prof Dr. Farzand Ali Jan**

**Pro Rector BRAINS Institute Peshawar** 

Ex Vice Chancellor Iqra National University
Ex Chairperson / Professor COMSATS University Islamabad Attock Campus
Ex Director IBMS / Director Finance The University of Agriculture



It is indeed a great pleasure and privilege for having an opportunity to lead BRAINS a premier educational institution. Having made a humble beginning in 1993, BRAINS has no doubt played a pivotal role in the development of IT education in Pakistan in general and Khyber Pakhtunkhwa province in particular. As of today BRAINS Institute imparts degree programs in IT, Computer Science, Management Sciences and Software Engineering in addition to B. Tech (Civil, Electrical and Petroleum). Successfully going through a highly tough competitive environment, it has passed the test of time and got the status of a Degree Awarding Institute (DAI) in 2016 upon its fulfillment of the rigorous requirements of the Higher Education Commission (HEC), Higher education Regulatory Authority (HERA) and the Pakistan Engineering Council (PEC).

Private Sector Institutions face competition within themselves and as well as with low costs Public Sector Universities. Education is becoming expensive day by day while quality education has become even more expensive. Therefore, the challenges in higher education management are increasing with time.

For a good University, it is imperative to have Spacious Infrastructure (Labs, Class rooms & offices), well qualified and devoted faculty members and seasoned Top management. BRAINS Institute has the resolve and determination to have it all to become and stay competitive not only in KP but on national level as well. Its location in the heart of the main junctions between various parts of Peshawar provides excellent opportunity to students from the surrounding areas. As it is said that the world has become a global village, similarly in the era of IT, BRAINS has great potential and prospects to attain the height it deserves. Having twenty eight years of services to its credit in private sectors and a large number of Alumni, BRAINS Institute aims to grow and develop its program into a full fledged independent Chartered University in the very near future. I wish success to BRAINS Institute's Faculty and Students.

## **RECOGNITIONS & ACCREDITATIONS**



Higher Education Regulatory Authority



Higher Education Commission of Pakistan



Pakistan Engineering Council



Board of intermediate and Secondary Education



KP, Board of Technical Education



The University of Peshawar



Pakistan software Export Board



Pakistan Association of Software Houses



National Technical Training Program



National Technology council



Khyber Medical University



**APSUP** 

## **COLLABORATIONS**



The Belgorod State Technological University, Russia



Sichuan University of Science & Engineering, China



CanBIM



Lebanese American, University, Lebanon



Eastern European University Association



Networking Academy

Cisco international Academy



Australian Education Office



National Testing Service



Allied Testing Service



Microsoft



ETEA



National Vocational and Technical Training Commission (NAVTTC)

## **About the BRAINS**

The Institute's main campus is located in the heart of Peshawar (Phase 3 chowk hayatabad) at the intersection of the bustling business community. The University is surrounded by notable food points, markets and a renowned transportation system (BRT) which enables easy access for students from all corners of the city to the institute.

## Peshawar The City of Flowers

#### History

Situated in the broad Valley of Peshawar just east of the historic Khyber Pass, close to the border with Afghanistan, Peshawar recorded history dates back to at least 539 BCE, making it the oldest city in South Asia.

#### Living In Peshawar. The Cultural Hub of Pakistan

Peshawar is the capital of Khyber Pakhtunkhwa (KPK) province of Pakistan. As the capital and largest city in KPK, the city is the cultural and educational hub of KPK. The population. Peshawar is the sixth-largest city of Pakistan. and the largest city in Khyber Pakhtunkhwa, with a population of 2 million.

#### **Cultural Activities**

Peshawar has a host of social activities on going all year round, which include arts and crafts exhibitions, film and literature festivals, concerts and much more.

#### Languages:

The primary native languages spoken in Peshawar are Pashto and Hindko, though English is used in the city educational institutions, while Urdu is understood throughout the city.

#### People

The people of Peshawar are well known for being extremely hospitable which makes you want to visit it again and again.

#### Education

Peshawar is also the center of higher education in Pakistan. The University of Peshawar, Islamia College, and Khyber Medical College are some of the oldest and most prestigious institutes in the Country. BRAINS quickly proved its mettle amongst these educational giants.

#### **Sports**

The people of Peshawar are sports enthusiasts. They share a love for hockey, cricket, Volley Ball, Squash and football among several others. Numerous clubs and playgrounds dot the city landscape.

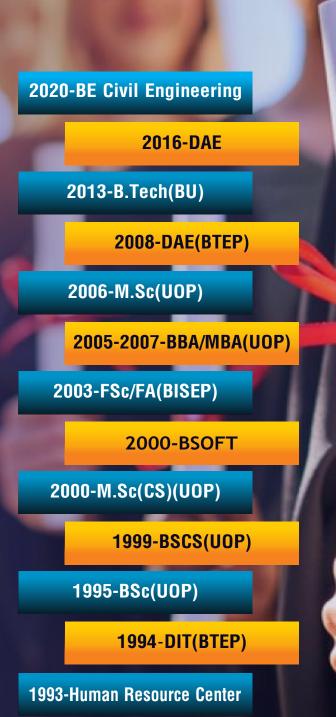




## A JOURNEY TO DEGREE AWARDING INSTITUTE

#### **BRAINS PROFILE**

The BRAINS Institute, Peshawar started functioning in 1993, and has rapidly grown into a dynamic seat of learning in all major disciplines of knowledge. It has the distinction of being ranked among the established institutes of the province. It has shown remarkable growth and has gained the confidence of academia for its quality of education, state-of-art facilities and congenial atmosphere that it provides to the faculty and students in learning-teaching process. During the last three years, its performance has been remarkable in terms of academic growth, award winning faculty and strict adherence to the quality of education. The institute in order to impart knowledge covered a long journey that is best reflected through the following flow chart:



To supplement its IT education setup and corporate training, it established its own software house by the name of Bsoft in 1999 with the distinction of duly been certified by ISO. To maintain our unique position in IT the institute successfully launched CISCO certification in 2004. The institute has contributed a lot to the national talent and skill pool through its innovative international certifications programs. In the year 2004, it also launched the intermediate program in the disciplines of art , commerce and sciences with focus on quality-based teaching and learning methodology which produced consistently outstanding results in the years to come. In the year 2008, the M.Sc Mathematics program was added to its portfolio. In the same year, BRAINS was instrumental in bringing together all the private institutions of KP under one umbrella, Chamber of Education resulting in a qualitative shift in the academic realm of private sector educational institutions.

The institute, in 2010, started DAE programs in electrical, civil and petroleum technologies duly approved and recognized by KP TEVTA. In recognition of the quality of the program BRAINS Institute was declared the best TEVT in 2005 by KP, the Board of Technical Education. The BRAINS institute before its up gradation, offered a host of programs including Business Administration, Mathematics, Computer Science & Electronics which were successfully conducted besides its B. Tech. programs B. Tech programs in Electrical, Civil and Petroleum Technologies under the supervision of HEC and in affiliation with Bacha Khan University, Charsadda. The BRAINS Institute was awarded the status of Degree Awarding Institute in 2016 through an act of KP parliament to impart knowledge in the disciplines of IT, Management Sciences, Engineering and Technologies. We are, as ever, committed to excellence and have also launched our flagship PEC approved program in the discipline of civil engineering. In addition to afore-mentioned programs, we have delivered scores of short technical training in IT, Electrical, Civil and other technologies. The BRAINS Institute has partnerships with BISP, KP-TEVTA, NAVTTC, PCB and other prestigious national governmental sector organizations for providing focused training in various technical regimes.

BRAINS institute is committed to excellence and maintaining of high standards of education by adding professional centres in the relevant disciplines of education. We are also in the process of building Industrial Resource Center, Entrepreneurship Development Center and Technology Incubation Center. These centers would be at the heart of our engineering programs. The institute aims to produce engineers of caliber who will be able to meet the challenges of changing globe.

Our history speaks of commitment, of resolve, of excellence but most importantly of constant evolution. These are our strengths and we always aim and manage to inculcate in our students. We welcome you all to the institute that is in constant pursuit of "Opening Minds Building Futures".

## Why BRAINS?

- An established educational Institution.
- Impressive infrastructure and educational facilities.
- Highly competent MS and PhD Faculty.
- Merit and need based Scholarships.
- Prospective Admissions and Transfer of Credits to International Universities in United Kingdom, Russia, Malaysia, Azerbaijan, Turkey, Ukraine and China.
- Summer Trips in July/August to Malaysia, Turkey Russian states as part of the Co-curricular activities.

Moreover, BRAINS is conveniently located on main Jamrud Road, near Phase-Ill Chowk, Peshawar where public transport is available just outside the main entrance of the institute. We provide quality education at a reasonable fee. Consistently producing outstanding results and our Alumni are most suited to compete for the jobs, locally and abroad in addition to further education across the glow.



## **BOARD OF GOVERNORS**

Mr. Zafrullah Khan

Rector/Chairman Board of Governors

Prof. Dr Farzand Ali Jan

Pro Rector

**Engr. Syed Farasat Ali Shah** 

**Director/Secretary Board of Governors** 

Mr. Manzoor Hussain

Principal (BRAINS COLLEGE)

Mr. Ajmal Khan

ex. VC Islamia College University Peshawar

**Engr Muhammad Uzair Khan** 

**Chief Engineer C&W** 

Prof. Dr. Fakhar ul Islam

Director Pakistan Studies Center, UoP

Nominee of the Chairman HEC

Mr. Sikandar Aziz

Industrialist

WG Cdr (R) Salma Saeed

**Mr Muhammad Imran** 

Alumni

**Secretary HED Govt. of KP** 

or his nominee

## **MANAGEMENT CONSULTANTS**

**Prof. Dr. Said Khan Khalil** 

Ex Vice Chancellor,
Agricultural University, Peshawar

Mr. Sher Alam Khan

Ex Registrar, AWK, University

**Muhammad Ahmad Shahid** 

Chartered Accountant Shahid & Co

**Prof. Dr Syed Asim Shah** 

COMSATS, Attock

Prof. Dr. Aurangzeb Khan

University of Bannu

## **MANAGEMENT**

Rector

Mr. Zafarullah Khan khattak

**Pro Rector** 

Prof. Dr. Farzand Ali Jan

**Director** 

Engr. Farasat Ali Shah

**Controller of Examination** 

Mr. Kamil Khan

**Pro Director HR/ Admin** 

Mr. Syed Mabood Kaka Khel

**Pro Director ORIC** 

Dr. Muhammad Farooq Jan

**Pro Director Admissions** 

Mr. Saranjam Khan

**Pro Director QEC** 

Prof. Dr Farmanullah PhD USA

**Pro Director Finance** 

Mr. Saifullah Khan

**Information & Media Officer** 

Mr. Sartaj Khan

**Deputy Director QEC** 

Engr. Muhammad Azeem

**Account Officer** 

Mr. Umair Shakeel

**Assistant Controller** 

Mr. Gohar Said

**Student Affair Coordinator** 

Mr. Mujahid Usman

**Admin Officer** 

Mr. Rahat Ullah

**Information Officer** 

Ms. Palwasha Nazir

Librarian

Ms. Hina Khan

**System Engineer** 

Mr. Sulaiman

**Graphic Designer** 

Mr. Rameem Ahmad Awan

**PS to Rector/Pro Rector** 

Mr. Syed Sajjad Ali Shah

**Assistant Admin officer** 

Mr. Ibrahim



#### VISION

Our vision is to be a remarkable center of excellence across the country, providing world class knowledge, research and consultancy services in the area of Management Sciences.

#### **MISSION**

Our vision is to be a remarkable center of excellence across the country, providing world class knowledge, research and consultancy services in the area of Management Sciences.





Master of Business Administration

BS
Accounting
& Finance

BBA

Bachelor
of Business
Administration

ASSOCIATE DEGREE

## **Minimum Duration**

MS Management Science (2 Years)

Master of Business Administration (2 Years)

BS Accounting & Finance (4 Years)

**Bachelor of Business Administration (4 Years)** 

Associate Degree (2 Years)

## **Credit Hours**

MS Management Science (30 CH)

Master of Business Administration (36 CH)

BS Accounting & Finance (135 CH)

Bachelor of Business Administration (135 CH)

Associate Degree (39 CH)

## **FACULTY MEMBERS**



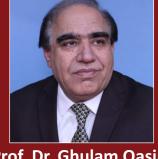
Prof. Dr. Farzand Ali Jan Professor Ph.D Management Sciences (Turkey)

**Dr. Hassan Muqarab**Assistant Professor
Ph.D Management Sciences (Malaysia)

**Dr. Mansoor Shahab**Assistant Professor
Ph.D Entrepreneurship (China)

**Dr. Shafique ur Rehman** Assistant Professor Ph.D Finance (Malaysia)

**Dr. Mohammad Farooq Jan** Assistant Professor Ph.D HR (Turkey)



Prof. Dr. Ghulam Qasim Professor Head of Department

Mr. Sangeen Shinwari Lecturer MBA/MS

Mr. Asif Rauf Lecturer MS Management Sciences

Mr. Bilal Said Lecturer MBA/MS HRM Ms. Muneera Quresh Lecturer MS Finance

Ms. Huma Akbar Lecturer MS Mathematics

Ms. Palwasha Nazir Lecturer MBA/MS

## Introduction

# MS

MS Management Science is 30 36 credit hrs. program after completing sixteen (16) years of relevant business education. It is research-oriented degree. It aims to develop a student's intellectual ability in terms of understanding the theoretical and philosophical underpinnings of modern business. The students are encouraged to explore the deepest, broadest questions of life why we exist, how society should organize itself, how institutions should relate to society, and the purpose of human endeavor, to name just a few. The structure of markets, societies and organizations depends on our assumptions about human beings, the global resources and human welfare.

## **Management Sciences**

#### **Mission**

- To develop scholars who are able to generate and disseminate cutting edge knowledge.
- To accomplish this through our faculty research and MS program

#### **Learning Outcomes**

The students will be able to:

- Understand the theoretical underpinnings of the modern business activity.
- Conduct research independently
- Think more broadly and more deeply about the beliefs and values at the root of business activities
- Appreciate and critically evaluate different schools of thought
- Contribute towards the development of new ideas, theories and business models

#### **Eligibility for Admission:**

Candidates having BBA Hons, B.com Hons, BS Accounting & Finance, M.com degree or Equivalent to Sixteen (16) years of education relevant to business with a minimum of 2<sup>nd</sup> Division or 2.00 CGPA

## STRUCTURE OF MS PROGRAMME

a) The MS programme is 2 years consisting of minimum 30-36 credit hours of work load after completing sixteen years of education

Layout For MS Management Scinces (2 Years) Program

#### **Credit Hours Distribution of Core & Elective Courses**

Major Area	Core	Elective	Credit Hours	%age
Core/Major	04		12	40.0%
Specialization/Elective		04	12	40.0%
Thesis/two subjects in		01-02	06	20.0%
lieu of research				
Total Credit Hours		30	100%	

Discipli	ne Related Course	s
12 Cr Hrs.	12 Cr Hrs.	06 Cr Hrs.
The core courses are as follows. (4 courses will be offered)	1.Specialization I	1.Thesis/ (Optional) two
1.Applied Research methods     2.Advance Readings in Management	2.Specialization II	Courses in lieu of Research
3.Logic and Critical Thinking 4.Quantitative Techniques in Management	3.Specialization III	
5.Strategic Management 6 Econometrics	4.Specialization IV	

#### **Scheme of Studies**

	S.No	Subjects	Credit Hrs
1	1	Applied Research Methods	
ter	2	Advance Reading in Management	03
esi	3	Elective I	03
Semester	4	Elective II	03
S			
2	1	Quantitative Techniques in Management	03
le r	2	Strategic Management	
esi	3	Elective III	
Semeste	4	Elective IV	
S			
Semester 3	1	Thesis /Dissertation (Optional) 2 courses in lieu of Research.	06
Š		Total Credit Hours :	30

#### Specialization.

- 1.Finance
- 2.Marketing
- 3. Human Resource Management
- 4.Entrepreneurship & Innovation
- 5. Project Management

## **MS PROGRAMME**

## **Specialization Courses**

(from each selected specialization 4 courses are offered

Finance Specialization Courses
Contemporary Issue in Finance
International Finance and Financial institutions.
Taxation Management
International Business and Trade
Capital Markets
Islamic Banking
Investments & Portfolio Management
Auditing in Practice
Small and Medium Enterprises
Insurance Management

Marketing Specialization Courses
Export Marketing
Sale Management
Services Marketing
Strategic Brand Management
Branding and Advertising Management
Global Marketing
Emerging Supply Chain Management
Marketing Management
Advertising & Promotional Strategies
Current Marketing issues (Seminar)

HRM Specialization Courses
Organizational Theory and Practices
Organizational Behavior & Leadership
Conflict & Issues Management
Current Issues in HR (Seminar)
Strategic & International HRM
Knowledge Management
Compensation Management
HR Training & Development
Change Management
Human Resource Development

Project Management Specialization courses		
Disaster Management		
Innovation and Technology Management		
NGO Management		
Scope and Integration Management		
Government Projects		
Project Supply Chain Management		
Project Review, Assurance and Governance		
Project Communication and Stakeholder Management		
Current issue in project management		
Evaluation and control		
Seminars in Project management		

Entrepreneurship & Innovation Specialization courses
Entrepreneurship theory & Practices
Creativity and Innovation
Human Resource Management for Entrepreneurship
Social Entrepreneurship
Winning Markets Through Innovation
Entrepreneurship in developing economies
Digital Entrepreneurship
Corporate Social Responsibility
Public & Publicity
Government Policies for Youth development & Entrepreneurship

## Introduction

# MBA

The MBA is a 2 years program consisting of 30-36 credit hours of work load for business group and 60-66 Credit hours for non-business group after completing sixteen years of education. The MBA program aims at developing a student's intellectual ability, executive personality and managerial skills through an appropriate blending of business and general education. The MBA curriculum provides students with a comprehensive management education of globally recognized best practices with flexibility of their adaptation to indigenous entrepreneurial and societal context. Curriculum of the programme ascends from general management education to specialization in diverse business fields. The program aims to develop oral and written communication skills, decision-making, and teamwork aptitude in the students so upon completion of the program, the graduates may be become successful entrepreneurs.

## **Master of Business Administration**

#### **Mission**

To create value for students, business, and society through activities that lead to career success and the advancement of knowledge.

#### **Learning Outcomes**

The students who earn the MBA degree will be able to:

- Effectively utilize various human relation skills including leadership; oral and written communication, teamwork and collaboration.
- Demonstrate a thorough understanding of the internal structures and operations of businesses ranging in size from small to multinational.
- Demonstrate a thorough understanding of how the interplay between business and various external forces, both domestic and international, e.g., regulatory, competitive, environmental and non-governmental interest groups shape management decisions strategies and outcomes.
- Think critically and creatively in seeking solutions to practical and theoretical problems by using developed skills to evaluate information, solve problems, and make sound decisions.
- Recognize legal and ethical problems that arise in the domestic and international environment and choose and defend solutions.
- Recognize and reconcile cultural differences when solving complex business problems.

## **MBA PROGRAMME**

The MBA is a 2 years program consisting of **30-36 credit hours** of work load for **business group** and **60-66 Credit hours** for **non-business group** after completing sixteen years of education.

#### **Eligibility for Admission:**

Candidates having BBA Hons, B.com Hons, BS Accounting & Finance, M.com degree or Equivalent to 16 years of education / management relevant to business with a minimum of 2<sup>nd</sup> Division or 2.0 CGPA.

#### Eligibility for non-business 16 years of education

The Students with 16 years of non-relevant education will have to complete from 30 to 36 credit hours of deficiency subjects from undergraduate level before they will eligible for the MBA program. The following courses are recommended for the completion of minimum criteria of 30 - 36 credit hours.

SUBJECTS	CREDIT HOURS	
Principles of Accounting		
Principles of Management	03	
Principles of Marketing	03	
Micro Economics	03	
Business Communication	03	
HRM	03	
Statistics	03	
Marketing Management	03	
Business Mathematics	03	
Financial Management	03	
Corporate governance & Law	03	
Operation & Production Management	03	

Specialization	
<ol> <li>Finance</li> <li>Marketing</li> <li>Human Resource Management</li> <li>Entrepreneurship &amp; Innovation</li> <li>Project Management</li> </ol>	<ul><li>6. Educational Management</li><li>7. Health Care Management</li><li>8. Tourism &amp; Hospitality</li><li>9. Supply Chain Management</li></ul>

#### **CORE COURSES**

The institute will offer 4-5 courses from the Core subjects

Quantitative Technique	Business and Society
Supply Chain Management	Heritage and Culture
Strategic Management	Leadership& Change Management
Resources Conservation Management	Project Management
Innovation & Entrepreneurship	Corporate Finance
Corporate Governance	Qualitative Technique

## **Specialization Courses**

(from each selected specialization 4 courses will be offered)

Finance Specialization Courses
Contemporary Issue in Finance
International Finance and Financial Institutions.
Taxation Management
International Business and Trade
Capital Markets
Islamic Banking
Investments & Portfolio Management
Auditing in Practice
Small and Medium Enterprises
Insurance Management

Project Management Specialization courses
Disaster Management
Innovation and Technology Management
NGO Management
Scope and Integration Management
Government Projects
Project Supply Chain Management
Project Review, Assurance and Governance
Project Communication and Stakeholder Management
Current issue in project management
Evaluation and control
Seminars in Project management

HRM Specialization Courses
Organizational Theory and Practices
Organizational Behavior & Leadership
Conflict & Issues Management
Current Issues in HR (Seminar)
Strategic & International HRM
Knowledge Management
Compensation Management
HR Training & Development
Change Management
Human Resource Development

Educational Management Specialization courses
Innovations and Technology in Education
Edupreneurship in the Changing World
Lifelong Learning in Changing Contexts
Teacher Education
Distance Learning in the 21st Century
Global Trends in Education
Innovations and Technology in Education
Edupreneurship in the Changing World
Lifelong Learning in Changing Contexts
Teacher Education

Entrepreneurship & Innovation Specialization courses
Entrepreneurship theory & Practices
Creativity and Innovation
Human Resource Management for Entrepreneurship
Social Entrepreneurship
Winning Markets Through Innovation
Entrepreneurship in developing economies
Digital Entrepreneurship
Corporate Social Responsibility
Public & Publicity
Government Policies for Youth development & Entrepreneurship

Marketing Specialization Courses
Export Marketing
Sale Management
Services Marketing
Strategic Brand Management
Branding and Advertising Management
Global Marketing
Emerging Supply Chain Management
Marketing Management
Advertising & Promotional Strategies
Current Marketing issues (Seminar)

## **Specialization Courses**

(from each selected specialization 4 courses are offered)

Health Care Specialization courses
Health Care Promotion, Advocacy & Social
Mobilization
Quality Management in Health care
Risk Management in Health Care
International Health Care
Management Health Care
Inventory Management Healthcare mobilization
Hospital administration
Emerging issues in Healthcare
Health care marketing

Supply Chain Management Specialization courses
Leadership in SCM
Managing Risks in Supply Chains
Supply Chain Diligence
Category Management in Procurement and Supply
Regulatory Framework for Trade Harmonization in International SCM
Mathematical Modeling in SCM
Software Simulations in SCM

Tourism & Hospitality Specialization Courses
Geography and International Tourism
Tourism Planning, Policy and Development
International Tourism and Trends
Food and Beverage Management (if the course offers Hospitality Management)
Destination Branding
Tourism Geography
Eco Tourism
Emerging Trends in Tourism
Hotel Operations
Resort Management
Service Quality in Hospitality
Strategic Services Marketing
Emerging Trends in Hospitality

## Introduction

# BBA

The four years BBA program is tailored made to serve the needs of the bright young persons who have completed twelve years of education and are looking for a career education in entrepreneurship, management profession or towards higher education in business administration. This program is open to the students with diverse educational backgrounds including, humanities, science, arts and commerce. However, being a program with challenging curricula and contents, it is accessible mainly to those students who have excellent academic record and high potential for success. Accordingly, candidates for this program are carefully sifted and screened through a selective admission test process.

## **Bachelor of Business Administration**

#### **Mission**

- To provide quality education for understanding and comprehension of business administration.
- To remain committed to the accomplishment of an application-based learning environment.

#### **Program Objectives**

- To develop general management skills like oral and written communication.
- To enhance decision-making, leadership, teamwork, capabilities.
- The program builds in the student's potential for future and enables them to build and maintain balance between the targets of economic success.
- The students will be able to make country's resources (human, physical, environmental & financial resources sustainable for the generations to come.

#### **Eligibility Criteria:**

FA/FSc, I. Com, D.Com, DBA/ICS or GCEA-Levels or equivalent with minimum 2<sup>nd</sup> Division (45%).

## **BBA PROGRAMME**

The Bachelor of Business Administration program is of 4-years duration, spread over 8 regular semesters, and consisting of 135 credit hours after completing twelve years of higher secondary school certificate or equivalent.

#### **Scheme of Studies**

	S.No	Subjects	Credit Hrs
	1	Recording Financial Transaction	03
디	2	Business English	03
Semester	3	Introduction to Business	03
a E	4	Islamic Studies	03
Ser	5	Micro Economics	03
	6	Information System	03
7	1	Principles of Accounting	03
声	2	Commercial Law	03
Semester 2	3	Business Mathematics	03
e	4	Organizational Behavior	03
Ň	5	Macro Economics	03
	6	Pak Studies	03
က	1	Financial Accounting, I	03
ē	2	Statistic	03
es	3	Advanced English	03
Semester 3	4	Auditing	03
Ň	5	Principles of Management	03
	6	Business Taxation	03
4	1	Cost Accounting	03
te	2	Business Communication	03
es	3	Economics of Pakistan	03
Semester 4	4	Principles of Marketing	03
S	5	Business Finance	03
	6	HRM	03

	1	Financial Management	03
F	2	Small Business Management	03
Semester 5	3	Entrepreneurship	03
Ε	4	Money Banking & Finance	03
Se	5	Introduction to Sociology	03
	6	International Business & Trade	03
			r
္ပ	1	Operation & Production Management	03
er (	2	Consumer Behaviour	03
Semester 6	3	Logic & Critical Thinking	03
Ĕ	4	Business Ethics	03
Se	5	Marketing Management	03
	6	E.commerce	03
7	1	Managerial Economics	03
ē	2	Research Methodology	03
Semester 7	3	Corporate Governance & Law	03
Ę	4	Specialization I	03
Š	5	Specialization II	03
ω .	1	Specialization III	03
te	2	Specialization IV	03
Jes	3	Thesis/Final Year Project	06
Semester 8		Total Cradit Hause	125
CO.		Total Credit Hours :	135

#### **Specialization**

- 1.Marketing
- 2. Human Resource Management (HRM)
- 3.Finance
- 4.Entrepreneurship

#### For BA, BSc, B.Com or Equivalent Graduates:

The institute will offer 15 to 18 Credit Hours from the following Bridging Semester for B.com, BA, BSc or equivalent.

**Note:** The Bridging Semester Course may be offered during their period of study in Brains Institute.

Recording Financial Transaction	03
Business English	03
Introduction to Business	03
Islamic Studies	03
Micro Economics	03
Information System	03
Principles of Accounting	03
Commercial Law	03
Business Mathematics	03
Organizational Behavior	03
Macro Economics	03
Pak Studies	03
Financial Accounting I	03
Statistic	03
Advanced English	03
Auditing	03
Principles of Management	03
Business Taxation	03
Cost Accounting	03
Business Communication	03
Economics of Pakistan	03
Principles of Marketing	03
Business Finance	03
HRM	03

## Introduction

BS (Hons)

This program serves professionals entering public practice, business, non-profit and government organizations. It is designed to provide the skills needed for integrated learning in the fields of Public Accounting, Management Accounting, and Financial decision making.

## **Acounting & Finance**

#### **Mission**

- To provide quality education for understanding and comprehension of accounting and finance.
- To prepare graduates with analytical, synthesis and evaluation skills

#### **Program Objectives**

After successful completion of degrees, the students will be able to have;

- A strong commitment to ethical leadership.
- A sense of purpose and place engendered by their global vision.
- An ability to create and leverage value through their understanding of entrepreneurial processes.
- A mastery of applied and conceptual analytical frameworks.

#### **Eligibility Criteria:**

FA/FSc, I. Com, D.Com, DBA/ICS or GCEA-Levels or equivalent with minimum 2<sup>nd</sup> Division (45%).

## **Scheme of Studies**

	S.No	Subjects	Credit Hrs
	1	Recording Financial Transaction	03
Semester 1	2	Business English	03
ste	3	Introduction to Business	03
me	4	Islamic Studies	03
Se	5	Micro Economics	03
	6	Information System	03
Semester 2	1	Principles of Accounting	03
ste	2	Commercial Law	03
nes	3	Business Mathematics	03
en	4	Organizational Behavior	03
S,	5	Macro Economics	03
	6	Pak Studies	03
r 3	1	Financial Accounting, I	03
ite	2	Statistic	03
nes	3	Advanced English	03
Semester 3	4	Auditing	03
S	5	Principles of Management	03
	6	Business Taxation	03
r 4	1	Cost Accounting	03
te	2	Business Communication	03
Jes	3	Economics of Pakistan	03
Semester 4	4	Principles of Marketing	03
S	5	Business Finance	03
	6	HRM	03

Semester 5	1	Financial Management	03
	2	Management Accounting	03
	3	Entrepreneurship	03
	4	Derivatives	03
S	5	Introduction to Risk management	03
	6	Accounting Information System	03
9	1	Portfolio Management	03
Semester 6	2	Advanced Financial Management	03
st	3	Preparing Tax Computation	03
Ĕ	4	Corporate Governance and Law	03
S	5	Principles of Investment	03
r 7	1	Investment Planning & Management	03
ste	2	Financial Reporting & Analysis	03
ne	3	Research Methodology	03
Semester 7	4	Corporate Finance	03
	5	Specialization I	03
	6	Specialization II	03
∞ -	1	Specialization III	03
ste	2	Specialization IV	03
πe	3	Thesis/Final Year Project	06
Semester 8		Total Credit Hours :	135

#### **Specialization**

Specializations will be offered in the following areas to a group consisting of at least 10 students:

- 1.Finance
- 2. Professional Accounting
- 3. Forensic Accounting
- 4. Risk Management
- **5. Auditing Practices**

#### For BA, BSc, B.Com Or Equivalent Graduates:

The institute will offer 15 to 18 Credit Hours from the following Bridging Semester for BA, BSc or equivalent. **Note:** The Bridging Semester may be offered during the period of their study in BRAINS Institute.

#### **Bridging Semester:**

Recording Financial Transaction	03
Business English	03
Introduction to Business	03
Islamic Studies	
	03
Micro Economics	03
Information System	03
Principles of Accounting	03
Commercial Law	03
Business Mathematics	03
Organizational Behavior	03
Macro Economics	03
Pak Studies	03
Financial Accounting I	03
Statistic	03
Advanced English	03
Auditing	03
Principles of Management	03
Business Taxation	03
Cost Accounting	03
Business Communication	03
Economics of Pakistan	03
Principles of Marketing	03
Business Finance	03
HRM	03

## Introduction

## ASSOCIATE DEGREE PROGRAM

Associate Degree is a regular 2-year program which has been designed to equip the students with adequate knowledge and skills which would help them taking an early start of their professional career.

The BRAINS Institute is offering Associate Degree in the following two Disciplines.

- 1) Associate Degree in Business Administration.
- 2) Associate Degree in Accounting & Finance

#### Mission

- To provide quality education for understanding and comprehension of accounting and finance.
- To prepare graduates with analytical, synthesis and evaluation skills

#### **Program Objectives**

- After successful completion of the Associate Degree, the students will be able to have;
- To develop general management skills like oral and written communication.
- To enhance decision-making, leadership, teamwork, capabilities.

#### **Eligibility Criteria:**

FA/FSc, I. Com, D.Com, DBA/ICS or GCEA-Levels or equivalent with minimum 2<sup>nd</sup> Division (45%).

#### **Structure of Associate Degree**

Associate degree is a 2-year program, spread over 4 regular semesters and consisting of 60 credit hours after completing twelve years of higher secondary school certificate or equivalent.

Gen.edu Requirement	Disciplinary requirement (including FYP)	
39 cr. hrs	21 cr. hrs	





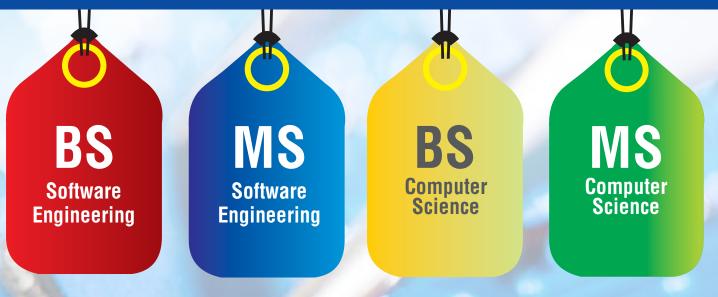
### **VISION**

To provide an innovative and skillful fleet of Software Developers to the national and international market.

### **MISSION**

The mission of BS Software Engineering 04-year program is to equip the students with the principles of good software engineering practices, latest developing tools, standards & techniques to design, develop, deploy, manage and maintain software systems.





## **Minimum Duration**

BS Software Engineering (4 Years)

**BS Computer Science (4 Years)** 

MS Software Engineering (2 Years)

MS Computer Science (2 Years)

## **Credit Hours**

BS Software Engineering (133 CH)

**BS** Computer Science (133 CH)

MS Software Engineering (30 CH)

MS Computer Science (30 CH)

## **FACULTY MEMBERS**



**Dr. Muhammad Ismail** Assistant Professor / HoD PhD (UK)

Mr. Asim Ali Lecturer MS Software Engineering

Mr. Ubaidullah Lecturer MS Software Engineering

Mr. M Haroon Niaz Lecturer MS Mathematics Mr. Muhammad Adnan Gul Lecturer MS Computer Science

Mr. Muhammad Salman Lecturer MS Computer Science

Mr. Muhammad Murad Lecturer M.A Islamiyat Ms. Maha Maqbool Sethi Lecturer MS Software Engineering

Mr. Muhammad Adeel Lecturer MS Political Science/Pak Study

Mr. Muhammad Shahzaib Lecturer BS Hons English

## Introduction

3

Software Engineering is a field in which the principles of engineering are applied to the development process of software in a systematic way. The goal of Computer Science is to learn and to extend the science while Software Engineering on the other hand aims to use the available science and technology to create products and tools for the use of end-users. It is actually the application of a systematic, disciplined and quantifiable approach to the design, development, operation, and maintenance of software systems. It covers a wide spectrum of areas within the field of software engineering, ranging from the theoretical to practical. The main focus in this program is to prepare students for careers in software engineering, software project management, and software development and integration. It is a four years program consisting of eight semesters. The degree is awarded on completion of minimum 132 credit hours, including six credits for the project, with a passing CGPA of at least 2.0/4.0.

## **Software Engineering**

#### **Program Objectives**

The prepared graduates have the ability to:

- 1. Understand and apply the principles of Engineering to the software development process
- 2. Understand, analyze and find the solution of any complex problem
- 3. Have awareness of current industry standards and practices in the relevant field
- 4. Understand and apply all the metrics of software project management
- 5. Design, develop, implement & maintain all types of software systems
- 6. Work effectively as individual as well as a team leader
- 7. Understand ethical, social, interpersonal & communication skills responsibility
- 8. To provide a solid foundation for advanced study

# **Programe Structure**

Number of Years 4

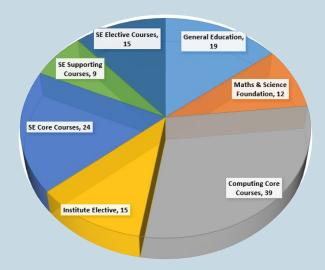
Number of Semesters 08 ( 02 semesters per year )

# **Eligibility Criteria**

F.Sc Pre-Engineering or FCS or A Level or equivalent with minimum 50% marks.

Major Area	Core(Cr. Hrs)	Elective (Cr. Hrs)	Total Credit Hours	%age
General Education	19	-	19	14.3%
Maths & Science Foundation	12	-	12	9%
Computing Core	39	-	39	29.3%
Institute Elective	-	15	15	11.3%
Common Courses		85	63.9%	
Software Engineering Core Courses	24	-	24	18%
Software Engineering Supporting Course	9	-	9	6.8%
SE Elective Courses	-	15	15	11.3%
	SE Domain Courses			36.1%
Total Credit Hours			133	100.0

# **Credit Hours Distribution Chart**



	S.No	Subjects	Credit Hrs
	1	Programming Fundamentals	3+1
12	2	Discrete Structures	3
Semester 1	3	Calculus-I	3
ΙĔ	4	English - I	3
Se	5	Islamic Studies	2
	6	Introduction to Computing	2+1
			,
	1	Object Oriented Programming - I	3+1
, 5	2	Linear Algebra	3
te	3	Professional Practices	3
Semester 2	4	Probability & Statistics	3
l e	5	English-II	3
رم ا	6	Pakistan Studies	2
			1
m	1	Data Structure & Algorithm	3+1
e	2	Technical & Business Writing	3
est	3	Software Engineering	3
Semester 3	4	Institute Elective-I	3
Š	5	Applied Physics	3
	1 .		
4	1	Software Requirements Engineering	3
ë	2	Computer Networks	3+1
Semester 4	3	Introduction to Database Systems	3+1
E E	4	Operating System	3+1
Š	5	Institute Elective-II	3

LC.	1 .	HCI	3
ē	2	Software Design & Architecture	2+1
Semester 5	3	SE Domain Supporting Course-I	3
e B	4	SE Domain Supporting Course-II	3
Š	5	Institute Elective -III	3
	6	SE Domain Elective Course-I	
يـ ا	1	Software Project Management	3
ste	2	Software Quality Engineering	3
Semester 6	3	SE Domain Supporting Course-III	3
Se	4	SE Domain Elective Course-II	3
	5	SE Domain Elective Course-III	3
7	1	Web Engineering	3
ter	2	Software Construction & Development	2+1
esi	3	Information Security	3
Semester 7	4	Final Year Project-I	3
S	5	SE Domain Elective-IV	3
	1	Software Re-Engineering	3
∞	2	SE Domain Elective-V	3
ster	3	Institute Elective-IV	3
Semester 8	4	Institute Elective-V	3
Sei	5	Final Year Project-II	3
		Total Credit Hours :	133

# Introduction

3

BS Computer Science, an undergraduate program, covers a wide spectrum of areas within the field of computing, ranging from the theoretical to practical aspects of Computer Technology. It is the study of mathematical tools and all integrated components related to the field of Computer Science that form the basis for the use and applications of computer. It is the scientific and practical approach to computation and its applications. The program aims to train students in variety of specialization areas such as Artificial Intelligence, Computer networks, Data Sciences, Distributed Systems, Computer Graphics, Human Computer Interaction and Data Security etc. Beside this, the courses in Computer Science provides a solid foundation for advanced studies in the field. The degree path of this program emphasizes on problems solving using systematic, disciplined and quantifiable approach to the design, development, implementation, and maintenance of systems. It is a four years program consisting of eight semesters. The degree is awarded on completion of minimum 130 credit hours, including six credits for the project, with a passing CGPA of at least 2.0/4.0.

# **Computer Science**

### **Vision**

Shaping the future of students by educating them with the contemporary Computer Science technology.

### **Mission**

The mission of the BSCS 04 - year program is to equip the students with the knowledge of Computer Science and prepare them for professional careers and lifelong learning. It is aimed to produce graduates for finding solution to any problem related to the field of Computer Science.

# **Program Objective**

The prepared graduates have the ability:

- 1. To analyze and find the solution of any computing problem.
- 2. To transform any type of Manual system into Computer-based system.
- 3. To have awareness of current industry standards and practices in the relevant field.
- 4. To cope up with the current and future challenges in the relevant field at local and global level.
- 5. To work effectively as individual as well as a team leader.
- 6. To understand professional & ethical responsibilities.
- 7. To provide a solid foundation for advanced study.

### **Eligibility Criteria**

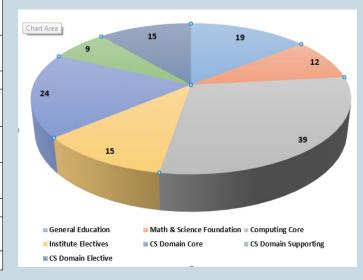
F.Sc Pre-Engineering or FCS or A Level or equivalent with minimum 50% marks.

# **Programe Structure**

Number of Years	4
Number of Semesters	08 ( 02 semesters per year )

Major Area	Core(Cr. Hrs)	Elective (Cr. Hrs)	Total Credit Hours	%age
General Education	19	-	19	14.3%
Maths & Science Foundation	12	-	12	9%
Computing Core	39	-	39	29.3%
Institute Elective	-	15	15	11.3%
	Common Courses		85	63.9%
Software Engineering Core Courses	24	-	24	18%
Software Engineering Supporting Course	9	-	9	6.8%
SE Elective Courses	-	15	15	11.3%
	SE Domain Courses			36.1%
Total Credit Hours			133	100.0

# **Credit Hours Distribution Chart**



	S.No	Subjects	Credit Hrs
1	1	Programming Fundamentals	3+1
er	2	Discrete Structures	3
est	3	Calculus-I	3
Semester 1	4	English - I	3
S	5	Islamic Studies	2
	6	Introduction to information & Communication Technology	2+1
	1	Object Oriented Programming-I	3+1
r 2	2	Linear Algebra	3
ste	3	Professional Practices	3
Semester	4	Probability & Statistics	3
Sei	5	English-II	3
	6	Pakistan Studies	2
8	1	Data Structure & Algorithms	3+1
ter	2	Technical & Business Writing	3
est	3	Software Engineering	3
Semester	4	Institute Elective-I	3
Š	5	Applied Physics	3
4	1	Computer Networks	3+1
er	2	Introduction to Database Systems	3+1
Semester 4	3	CS Domain Supporting Course-I	3
em	4	Operating System	3+1
S	5	Institute Elective-II	3

5	1	Design & Analysis of Algorithms	3
er	2	CS Domain Supporting Course-II	3
Semester	3	Institute Elective -III	3
em	4	CS Domain Elective Course-I	3
Š	5	Digital Logic & Design	3+1
9	1	Comp Organization & Assebly Language	3+1
Semester 6	2	Theory of Automata	3
est	3	CS Domain Supporting Course-III	3
em	4	CS Domain Elective Course-II	3
Š	5	CS Domain Elective Course-III	3
7	1	Artificial Intelligence	3+1
er 7	1 2	Artificial Intelligence Compiler Construction	3+1 3
ester 7			
emester 7	2	Compiler Construction	3 3
Semester 7	2	Compiler Construction Information Security	3
Semester 7	3 4	Compiler Construction Information Security Final Year Project-I	3 3
Semester 7	3 4	Compiler Construction Information Security Final Year Project-I	3 3
	3 4	Compiler Construction Information Security Final Year Project-I	3 3
	2 3 4 5	Compiler Construction Information Security Final Year Project-I CS Domain Elective-IV	3 3 3 3
	2 3 4 5 5	Compiler Construction Information Security Final Year Project-I CS Domain Elective-IV  Parallel & Distributive Computing	3 3 3 3 3 3 3
	2 3 4 5	Compiler Construction Information Security Final Year Project-I CS Domain Elective-IV  Parallel & Distributive Computing CS Domain Elective-V	3 3 3 3 3 3 3
Semester 8 Semester 7	2 3 4 5	Compiler Construction Information Security Final Year Project-I CS Domain Elective-IV  Parallel & Distributive Computing CS Domain Elective-V Institute Elective-IV	3 3 3 3 3 3 3
	2 3 4 5 1 2 3 4	Compiler Construction Information Security Final Year Project-I CS Domain Elective-IV  Parallel & Distributive Computing CS Domain Elective-V Institute Elective-IV Institute Elective-V	3 3 3 3 3 3 3 3

# Introduction

The post graduate program in Software Engineering helps to learn advance skills in software engineering and prepare the students to take high level jobs in software industry. The program helps academically oriented students who wish to continue education and pursue advance and highly technological aspects of software engineering. The MS in Software Engineering provides students with marketable skills in methodologies, techniques, and tools of software engineering. The program encompasses the entire life-cycle of software development including requirements analysis, design, construction, testing, and project management. Emphasis is placed on current and emerging technologies for engineering large and complex distributed software systems. The thesis/research component of this program provides the students with an opportunity to strengthen the research skills in the relevant field and prepare them for advance study and research work. The student is required to be opt for degree by undertaking either a 6-credit hours MS thesis or 06 credit hours two courses as per HEC requirements.

# **Software Engineering**

### **Vision**

To be among the nation's premier center of excellence for studies and research in Software Engineering.

### **Mission**

The mission of MS software Engineering 02 years program is to equip the students with the required principles, tools, techniques and skills in the relevant field and to produce software engineers having state-of-the-art skills. It is aimed to prepare the students to learn independently in a constantly changing discipline.

# **Program Objective**

The prepared graduates have the ability:

Having a broad academic and industrial perspectives and hands on experience of designing, developing and maintaining state of the art software products.

Can play a leading role in the local as well as global software industry by acting as Software designer and manager.

Having the ability to carry on research in the field of Computer Science, particularly in Software Engineering.

Having Awareness of and adherence to the social and ethical responsibilities of the scientific and engineering profession.

Prepare students with a theoretical software engineering background and applied research needed to enter a doctorate program in software engineering.

# **Programe Structure**

### **Program overview**

Minimum Duration	02 Years
Maximum Duration	02 Years
Semesters	04 ( 02 semesters per year )
Credit hours	30

# **Degree Completion Requirements**

To become eligible for award of MS degree in Software Engineering, a student must satisfy the following requirements:

a.must have earned CGPA (Cumulative Grade Point Average) of at least 2.5 on a scale of 4.0.

b.must have studied and passed the prescribed courses, totaling at least 30 credit hours

or

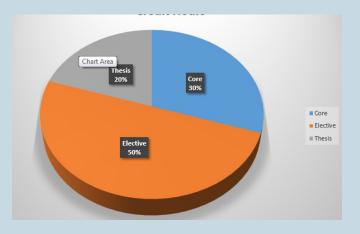
must have studied and passed the **24 credit hours** of courses from the prescribed course list and successfully completed **6 credit hours** of Thesis/Research Work.

# **Eligibility Criteria**

BS Degree in relevant subject (CS or SE or Computer System Engineering) or MCS or M.Sc (CS) or equivalent earned from a recognized university after 16 years of education with at least 60% marks or CGPA of at least 2.0 (on a scale of 4.0)

### **Credit Hours Distribution of Core & Elective Courses**

Major Area	Credit Hours
Core Courses	09
Elective Courses	15
Thesis OR Two Elective courses	06
Total Credit Hours	30



	S.No	Subjects	Credit Hrs
r 1	1	Advanced Requirements Engineering	3
ste	2	Advanced Software System Architecture	3
Semester 1	3	Research Methodology	3
Se	4	Software Engineering Elective-I	3
Semester 2	1	Software Testing & Quality Assurance	3
ste	2	Software Engineering Elective-II	3
πe	3	General Elective-II	3
Sel	4	General Elective-III	3
Semester 3	1	Thesis-I (Partial Registration)/ Elective Course	3
Seme			
ter 4	1	Thesis-II (Full Registration )/ Elective Course	3
Semester 4		30	

### **List of Core Courses (Compulsory)**

- 1. Advanced Requirements Engineering
- 2. Advanced Software System Architecture
- 3. Software Testing & Quality Assurance

### **Software Engineering Domain Elective Courses**

(any 2 for thesis option or any 2-4 courses for non-thesis option)

- 1. Advanced Formal Methods
- 2. Component Based Software Engineering
- 3. Advanced Human Computer Interaction
- 4. Agile Software Development Methods
- 5. Empirical Software Engineering
- 6. Advanced Software project Management
- 7. Software Measurement and Metrics

### **General Elective Courses**

(any 3 for thesis option or any 3-5 courses for non-thesis option)

- 1. Software Process management & Metrics
- 2. Software Risk Management
- 3. Research Methodology
- 4. Reliability Engineering
- 5. Software Configuration Management
- 6. Complex Networks
- 7. Agent Based Modeling

# Introduction

The master's degree in Computer Science (MSCS) program offers an integrated course of study covering the theoretical background in the relevant field along with the knowledge of latest trends in some related specialized areas. The program is intended for the students who like to broaden and deepen their understanding in the field of Computer Science. This program is offered after the under graduate 04-years program or equivalent 16-years degree program. It is a two-year MS degree program comprises of four-semesters offering four core courses aimed at strengthening the understanding and competence of students in Computer Science fundamentals and wide range of optional courses in the relevant field also. A project/thesis work may be unified with student's chosen-oriented specialties to strengthen the research skills of students. the MS program in Computer Science equips the students to apply their skills and potentials to solve the contemporary problems in the related fields. The student is required to opt by undertaking either a 6-credit hour MS thesis or MS as course-based comprises of two additional elective courses, each of 3-credit hour.

# **Computer Science**

### **Vision**

To become the nation's foremost center of excellence in the field of Computer Science education and research.

### **Mission**

The mission of the MS Computer Science 02 Year program is to impart knowledge in the field of Computer Science through comprehensive & advance theoretical courses, with emphasis on strengthen research skills of the students, particularly in the field of **Networks, Security & Data Sciences**.

## **Program Objectives**

MS in Computer Science (MSCS) Program aims to:

- 1. Enlighten students with a deep knowledge and understanding of Computer Science core areas providing them the ability to solve computing related problems.
- 2. Impart research skills in the students.
- 3. Ensure research contribution of students in various fields of Computer Science
- 4. Have awareness of and adherence to the social and ethical responsibilities of the scientific and computing profession.
- 5. Prepare the students for high-level Doctorate Studies

# **Programe Overview**

Minimum Duration	02 Years
Maximum Duration	04 Years
Semesters	04 ( 02 semesters per year )
Credit hours	30

## **Eligibility Criteria**

BS Degree in relevant subject (CS or SE or Computer System Engineering) or MCS or M.Sc (CS) or equivalent earned from a recognized University after 16 years of education with at least 60% marks or CGPA of at least 2.0 (on a scale of 4.0).

The candidate will complete the following core courses before entering the MSCS program.

Analysis of Algorithms

- 2. Assembly Lang. / Computer Architecture
- 3. Computer Networks
- 4. Computer Programming
- 5. Data Structures
- 6. Database Systems
- 7. Operating Systems
- 8. Software Engineering
- 9. Theory of Automata

If a candidate selected for admission has deficiency in the above stated courses, then his/her deficiency will be determined by the Graduate Studies Committee before admitting the student. The deficiency courses will be offered in the first two semesters and the student will must pass it, otherwise he/she cannot be registered.

# **Degree Completion Requirements**

To become eligible for award of MS degree, a student must satisfy the following requirements: a.must have earned CGPA (Cumulative Grade Point Average) of at least 2.5 on a scale of 4.0. b.must have studied and passed the prescribed courses, totaling at least **30 credit hours**.

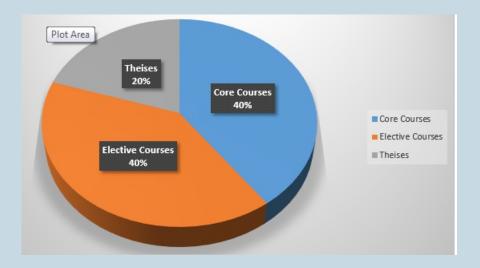
or

must have studied and passed the **24 credit hours** of courses from the prescribed course list and successfully completed **6 credit hours** of Thesis/Research Work.

# **Credit Hours Distribution of Core & Elective Courses**

Major Area	Credit Hours
Core Courses	12
Elective Courses	12
Thesis OR Two Elective courses	06
Total Credit Hours	30

	S.No	Subjects	Credit Hrs
덛	1	Core Course-I	3
Semester	2	Core Course-II	3
Ε	3	Eelectiv Course-I	3
Se	4	Research Methodology	3
r 2	1	Core Course-III	3
ste	2	Core Course-IV	3
Semester	3	Elective Course-III	3
S	4	Elective Course-IV	3
ς.	1	Thesis-I (Partial Registration) / Elective Course	3
ste			
Semester			
Se			
4 7	1	Thesis-II (Full Registration ) / Elective Course	3
Semester			
١		Total Credit Hours :	30
Se		Total Credit hours	30



# **List of Core Courses (Any four)**

- 1. Advanced Analysis of Algorithms
- 2. Advanced Operating Systems
- 3. Theory of Automata-II
- 4. Advanced Computer Architecture
- 5. Theory of programming Languages

# **List of Elective Courses from Specialized Area**

### **Networks Area**

- 1. Advanced Computer Networks
- 2. Mobile & Wireless Networks
- 3. Complex Networks
- 4. Advanced Network Security
- 5. Mobile Adhoc Networks
- 6. Network Performance Evaluation
- 7. Broadband & Satellite Communication
- 8. Cryptography
- 9. Applied Cryptography
- 10. Advanced Topics in Applied Cryptography
- 11. Quantum Cryptography

- 12. Information Privacy & Security
- 13. Quantum Computing & Information Security
- 14. Security Testing
- 15. Wireless Security
- 16. Database Security
- 17. Distributed Database Processing
- 18. Parallel & Distributed Computing
- 19. Research Methodology
- 20. Network Programming
- 21. Social Network Analysis
- 22. The Internet of Things

# Computer Lab











# **VISION**

To provide state-of-the-art education in Engineering & Technology that enables a new generation of professionals to meet the challenges of the future, promote a sense of scholarship, leadership and service to mankind through creativity and inovations.

# **MISSION**

Faculty of Engineering & Technology of the Institute foresees its mission based on the following:

- To provide students with high-quality education and training required to fully develop their professional qualities and skills.
- To develop their potential to the greatest possible extent to enable for pursuing higher studies and research for help serving the people and socio-economic development of pakistan.
- To develop practical coordination, collaboration and effective linkages with industries





The Faculty of Engineering & Technology at BRAINS Institute was established in 2012. The objective of the Faculty of Engineering is to provide cutting-edge engineering and technology education for the aspiring young students of the country in general and students of KPK in particular. The Department has well-qualified, experienced and highly motivated faculty that provides excellent technical & engineering education keeping in mind the overall growth and development of the students. The comprehensive curriculum encompassing the latest trends, technological innovations and future needs of the graduates is developed and duly approved from all relevant forums like the Board of studies, industrial advisory board, and academic council, etc. The faculty has an excellent infrastructure comprising of well-equipped state-of-the-art laboratories, spacious class rooms, well-stocked library engineering books and computing labs equipped with modern computers and multimedia facilities.

### **Minimum Duration**

BE Civil Engineering (4 Years)

BSc Civil Technology (4 Years)

BSc Electrical Technology (4 Years)

BSc Petroleum Technology (4 Years)

### **Credit Hours**

BE Civil Engineering (134 CH)

BSc Civil Technology (140 CH)

BSc Electrical Technology (134 CH)

BSc Petroleum Technology(136 CH)

# **FACULTY MEMBERS**



Engr. Prof. Dr. Fazli Rabbi Khan Dean, Faculty of Engineering (PhD, France)



Engr. Dr. Muhammad Hussain HoD Civil Engineering Ph.D, Tsinghua University China (World QS Ranked 15, QS Ranked 1 in Asia) (Ranked 1 in Engineering by Global Times)



Engr. Syed. Farasat Ali Shah HoD Technology (PhD, SJTU China) In progress (World QS Ranked 47)

Engr. Nasrullah Aziz Lecturer

**MS Water Resource Engineering** 

**Engr. Muhammad Waseem** Lecturer

**MS** Transportation Engineering

Engr. Jane Alam Lecturer

MS Structural Engineering

**Engr. Ihtisham Saeed** 

Lecturer

**BSc Electrical Engineering** 

**Engr. Shakeel Zaman** 

Lecturer

**MS** Geology

Mr. Rehmat Ullah

Lecturer

**BSc Petroleum Engineering Technology** 

**Engr. Muhammad Azeem** 

Lecturer

**BSc Civil Engineering** 

**Engr. Sardar Alam** 

Lecturer

**BS Civil Engineering** 

**Engr. Mian Muhammad Daniyal** 

Lecturer

**BSc Electrical Engineering** 

**Engr. Bilal Mehmood** 

Lecturer

**BSc Electrical Engineering** 

**Engr. Sher Afghan** 

Lecturer

**MS Chemical Engineering** 

**Engr. Nouman Wahab** 

Lecturer

MS Civil Engineering

**Engr. Asad Ullah** 

Lecturer

MS Electronic Engineering

**Engr. Zamarrak Wali** 

Lecturer

**MSc Electrical Engineering** 

**Engr. Sana Ulla** 

Lecturer

MSc Electrical Engineering

**Engr. Bilal Muhammad** 

Lecturer

MS Petroleum Engineering

Engr. Aizaz Lecturer

**BSc Chemical Engineering** 

# Introduction

# **Civil Engineering**

### **Vision**

To provide state-of-the-art education in civil engineering that enables a new generation of civil engineers to meet the challenges of the future, promote a sense of scholarship, leadership and service to mankind through creativity and innovations.

### Mission

Department of Civil Engineering of the BRAINS Institute foresees its mission based on the following:

- To provide students with high-quality education and training required to fully develop their professional qualities and skills as Civil engineers.
- To develop their personal potential to the greatest extent possible to be able to pursue higher studies and research.
- To enable them to research for serving the people and society of KP and Pakistan for its socio-economic development.
- To develop practical coordination, collaboration and effective linkages with industries.

### **Eligibility Criteria**

F.Sc (Pre-Eng)/ DAE (Civil) with minimum 60% marks and ETEA Test, Foreign applicants with NAT/ equivalent tests

### **Award of Degree**

Must pass all courses in the curriculum of Civil Engineering within 8 to 12 semesters.

Must have a CGPA  $\geq$  2.0.

3 months internship

Survey Camp as per PEC criteria.

Must complete Final Year Project as per PEC criteria.

# PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Main emphasis of Civil Engineering Faculty is to produce graduates with the following credentials.

- **PEO1:** Engineering Knowledge: To impart civil engineering knowledge and professional skills.
- PEO2: Professional Growth and Education: To inculcate in graduates the pursuit of latest development and trends.
- PEO3: Societal Aspects & Ethics: Contribute towards society in an ethical and socially responsible manner.

### **Program Learning Objectives (PLOs):**

- **PLO1:** Engineering Knowledge: An ability to apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- **PLO2:** Problem Analysis: An ability to identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- PLO3: Design/Development of Solutions: An ability to design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
- **PLO4:** Investigation: An ability to investigate complex engineering problems in a methodical way including literature survey, design and conduct of experiments, analysis and interpretation of experimental data, and synthesis of information to derive valid conclusions.
- **PLO5:** Modern Tool Usage: An ability to create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling, to complex engineering activities, with an understanding of the limitations.
- PLO6: The Engineer & Society: An ability to apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice and solution to complex engineering problems.
- **PLO7:** Environment & Sustainability: An ability to understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
- PLO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
- **PLO9:** Individual & Team Work: An ability to work effectively, as an individual or in a team, on multifaceted and /or multi disciplinary settings.
- **PLO10:** Communication: An ability to communicate effectively, orally as well as in writing, on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation,
  - make effective presentations, and give and receive clear instructions.
- **PLO11:** Project Management: An ability to demonstrate management skills and apply engineering principles to one's own work, as a member and/or leader in a team, to manage projects in a multi disciplinary environment.
- **PLO12**: Lifelong Learning: An ability to recognize importance of, and pursue lifelong learning in the broader context of innovation and technological developments.

	S.No	Subjects	Credit Hrs
1	1	Functional English	2+0
er	2	Basic Electro Mechanical Engineering	2+2
est	3	Civil Engineering Materials	2+1
Semester 1	4	Engineering Drawing	2+1
S	5	Applied Calculus /Maths-I	3+0
	6	Pakistan Studies	1+0
	1	Engineering Geology	3+0
r 2	2	Engineering Mechanics	3+1
ste	3	App Diff Eq Math II	3+0
Semester 2	4	Islamic Studies	2+0
Sei	5	Engineering Surveying-I	2+1
	6	Computer Programing	2+1
3	1	Mechanics of solid-1	2+1
ter	2	Engineering Surveying-II	2+1
esi	3	Civil Engineering Drawing and Graphics	2+1
Semester	4	Civil Engineering Drawing and Graphics (Lab)	0+1
S	5	Engineering EconomicsF	2+0
	6	luid Mechanics-I (Theory)	3+1
	1	Fluid Mechanics-II	3+1
er 4	2	Construction Engineering	3+0
ste	3	Numerical Analysis/Maths-III	3+0
Semester 4	4	Soil Mechanics	2+1
	5	Structural Analysis-1	3+0

	1	Probability & Stat / Math-IV	3+0
2	2	Business Communication	2+0
	3	Quantity & Cost Estimation	2+1
Semester	4	Professional Ethics	2+0
Ĕ	5	Reinforced Concrete Design-1	3+1
S	6	Mechanics of Solid-2	2+1
	1	Structural Analysis-2	3+0
9	2	Reinforced Concrete Design-II	3+1
Semester	3	Engineering Hydrology	2+1
es	4	Transportation Engineering-1	3+0
em	5	Construction Management	2+1
S	6	Hazard & Disaster Management	3+0
	7	Survey Camp	
7	1	Environmental Engineering-I	2+1
te	2	Architectural & Town Planning	3+0
Semester	3	Geotechnical & Foundation Engineering	3+1
Sen	4	Transportation Engineering-II	3+1
'	5	Civil Engineering Project	0+3
8	1	Hydraulics & Irrigation Engineering	3+1
Semester	2	Steel Structure	3+0
E E	3	Geo Informatics	1+1
Sei	4	Environmental Engineering-II	2+0
	5	Technical Report Writing	2+0
	6	Civil Engineering Project	0+3
		Total Credit Hours :	134



# B.Sc

# **Civil Engineering Technology**

### Mission

Department of Civil Engineering Technology of the Brain Institute foresees its mission based on the following:

- To provide students with high-quality education and training required to fully develop their professional qualities and skills as civil technologists.
- To develop their personal potential to the greatest extent possible to be able to pursue higher studies and research.
- To enable them to research for serving the people and society of KP and Pakistan for its socio-economic development.
- To develop practical coordination, collaboration and effective linkages with industries.

### **Program Educational Objectives (PEOs):**

- **PEO-1.** To produce technically competent civil technologists by imparting high quality knowledge and professional skills.
- **PEO-2.** To provide effective solutions for contemporary and future technical challenges in civil engineering by gathering and utilizing knowledge and skills to contribute in socio-economic development and betterment of society.
- **PEO-3.** Be sensitive to ethical and societal aspects while undertaking an engineering task; individually or in a team.

### **Eligibility Criteria**

50% marks in F.Sc. (Pre-Engineering) or Equivalent Qualification A-level/ICS/DAE (Civil)/B.Sc and Qualifying Entry Test.

### **Award of Degree**

- Must pass all courses in the curriculum within 8 to 12 semesters.
- Must have a CGPA ≥ 2.0.

	S.No	Subjects	Credit Hrs
1	1	Applied Mathematics-I	3-0
er	2	Computer Applications	3-1
Semester 1	3	English Language skills	3-1
E E	4	Civil Engg Drawing	2-2
Se	5	Islamic Studies	1-0
	1	Concrete Tech	3-1
r 2	2	Surveying	2-2
ste	3	Applied Mechanics	3-1
Semester	4	Materials and Methods of Construction	3-1
Sei	5	Pakistan Studies	1-0
3	1	Applied Mathematics-II	3-0
er	2	Quantity Surveying and Contract documents	2-1
Semester 3	3	Soil Mechanics	3-1
em	4	Fluid Mechanics	3-1
S	5	Mechanics of Solids	3-1
	1	Transportation Engg	3-1
r 4	2	Water Supply & Waste Water Management	2-2
ste	3	Environmental Management	2-2
Semester 4	4	Theory of Structures	2-1
	5	Occ Health Safety Management	1-0
	6	Technical Communication	2-0

2	1	Hydrology	3-1
Semester 5	2	Reinforced Concrete Structures	3-1
est	3	Construction and Hydraulic Machinery	3-0
É	4	Computer Aided Building Modeling & Design	2-2
Š	5	Foundations Engg	2-1
	1	Pre-stressed & Precast concrete	3-0
r 6	2	Geology & Earthquake Engineering	2-1
Semester 6	3	Irrigation and Hydraulic Structures	2-1
ä	4	Steel Structures	3-0
Sei	5	Project Management	2-1
	6	Project	0-6
	1	Professional Supervised	0-16
L	1	Field Training.	
Semester 7			
Ĕ			
Se			
	<u> </u>		
·	1	Professional Supervised	0-16
er		Field Training.	
Semester 8			
E B			440
Š		Total Credit Hours :	140

# B.Sc

# **Electrical Engineering Technology**

### Mission

Department of Electrical Engineering Technology of the Brain Institute foresees its mission based on the following:

- To provide students with high-quality education and training required to fully develop their professional qualities and skills as electrical technologists.
- To develop their potential to the greatest extent possible to be able to pursue higher studies and research.
- To enable them to research for serving the people and society of KP and Pakistan for its socio-economic development.
- To develop practical coordination, collaboration and effective linkages with industries.

### **Program Educational Objectives (PEOs):**

- **PEO-1.** To produce technically competent electrical technologists by imparting high-quality knowledge and professional skills.
- **PEO-2.** To provide effective solutions for contemporary and future technical challenges in electrical engineering by gathering and utilizing knowledge and skills to contribute in socio-economic development and the betterment of society.
- **PEO-3.** Be sensitive to ethical and societal aspects while undertaking an engineering task; individually or in a team.

### **Eligibility Criteria**

50% marks in F.Sc. (Pre-Engineering) or Equivalent Qualification A-level/ICS/DAE (Electrical) and Qualifying Entry Test.

### **Award of Degree**

- Must pass all courses in curriculum within 8 to 12 semesters.
- Must have a CGPA ≥ 2.0.

	S.No	Subjects	Credit Hrs
	1	Applied Mathematics-l	3-0
ē	2	Applied Physics	2-1
est	3	Linear Circuits Analysis	2-2
Semester 1	4	Islamiat	1-0
Š	5	Engineering Drawing	1-2
	6	Computer Applications	1-2
	1	Applied Chemistry	2-1
r 2	2	Pak-Studies	1-0
ste	3	Electronics	2-2
Semester 2	4	Basic Mechanical Tech	2-1
Sei	5	Power Generation Systems	2-0
	6	DC Machine &Transformer	2-2
ო	1	Applied Mathematics-II	3-0
fer	2	Communication Skills	2-0
esi	3	Elec Instruments & Measurements	2-2
Semester 3	4	AC Circuits Analysis	2-2
S	5	Digital Electronics	2-2
	1	AC Machines	2-2
7 4	2	Electro-Magnetic Fields	2-0
Semester 4	3	Electrical Power Transmission	2-1
me	4	Electrical Power Distribution and Utilization	2-1
Se	5	Power Electronics	2-2

5	1	Micro-Processor Theory & Interfacing	2-1
er	2	Switch Gear & Protective Devices	2-1
est	3	Communication Technology	2-2
Semester 5	4	Control Technology	2-1
Se	5	Total Quality Management	2-0
	1	Power System Analysis	3-0
r 6	2	Data & Computer Communication	2-2
Semester 6	3	High Voltage Technology	2-1
πe	4	Industrial Drives and PLC	2-2
Ser	5	Technical Report Writing	2-0
,	1	Supervised Industrial Training (Conti)	0-15
er 7		Project (Continued)	0-3
Semester 7			
me			
Se			
	1	Supervised Industrial Training	0-15
8	1	Project Project	0-3
ter		Total Credit Hours :	134
ıes		iotal Credit Hours .	134
Semester 8			
S			
	•		

# B.Sc

# Petroleum Engineering Technology

### Mission

Department of Petroleum Engineering Technology of the Brain Institute foresees its mission based on the following:

- To provide students with high-quality education and training required to fully develop their professional qualities and skills as petroleum technologists.
- To develop their personal potential to the greatest extent possible to be able to pursue higher studies and research.
- To enable them to do research for serving the people and society of KP and Pakistan for its socio-economic development.
- To develop practical coordination, collaboration and effective linkages with industries.

# **Program Educational Objectives (PEOs):**

- **PEO-1.** To produce technically competent petroleum technologists by imparting high quality knowledge and professional skills.
- **PEO-2.** To provide effective solutions for contemporary and future technical challenges in electrical engineering by gathering and utilizing knowledge and skills to contribute to socio-economic development and the betterment of society.
- **PEO-3.** Be sensitive to ethical and societal aspects while undertaking an engineering task; individually or in a team.

### **Eligibility Criteria**

50% marks in F.Sc. (Pre-Engineering) or Equivalent Qualification A-level/ICS/DAE (Petroleum/Chemical) and Qualifying Entry Test.

### **Award of Degree**

- Must pass all courses in the curriculum within 8 to 12 semesters.
- Must have a CGPA ≥ 2.0.

	S.No	Subjects	Credit Hrs
7	1	Applied Mathematics-I	3-0
er	2	Fundamentals of Petroleum Engineering	3-1
Semester 1	3	Applied Physics	2-1
) Wie	4	Functional English	2-1
Š	5	Islamic Studies	2-0
	6	Workshop Practices	2-1
	1	Pakistan Studies	2-0
r 2	2	Applied Mathematics-II	3-0
ste	3	Applied Chemistry	2-1
ne	4	Engineering Drawing	2-1
Semester 2	5	Applied Geology	2-1
	6	Communication Skills	3-0
	1	Mathematics-III	3-0
က	2	Technical Report Writing	2-0
ter	3	Computer Programming & Software	1-2
esi	4	Basic Electrical Engineering	2-1
Semester 3	5	Fluid Mechanics	3-1
S	6	Structural Geology	2-1
	1	Mechanics of Materials	2-1
r 4	2	Drilling Engineering-I	3-1
Semester 4	3	Applied Thermodynamics	3-1
	4	Petroleum Geology	2-1
Sei	5	Applied Statistics	2-0

LC	1	Applied Numerical Methods	3-0
e	2	Sociology	2-0
est	3	Drilling Engineering-II	3-1
Semester 5	4	Petrophysics	3-1
Š	5	Reservoir Fluid	3-1
	1	Well Logging & Testing	3-1
r 6	2	Reservoir Engineering	2-1
Semester 6	3	Petroleum Production-I	2-1
ë	4	Environmental & Safety	1-2
Ser	5	Natural Gas Engineering	2-1
	1	Petroleum Production-II	3-1
<u> </u>	2	Gas Reservoir Engineering	3-1
ste	3	Project Planning	2-0
Semester 7	4	Instrumentation & Control	2-1
S	5	Petroleum Economics	2-0
<u>_</u>	1	Enhanced Oil Recovery	3-1
i a	2	Reservoir Simulation	2-1
est	3	Petroleum Refinery	3-1
Semester 8	4	Project	0-6
Se		Total Credit Hours :	136
	L		

# **Engineering Labs**

- 1. Engineering Mechanics Lab
- 2. Engineering Materials Lab
- 3. Materials Testing/Structure Lab
- 4. Soil Mechanics Lab
- 5. Fluid Mechanics Lab
- 6. Surveying Lab
- 7. Drawing Hall
- 8. Computer Labs
- 9. Transportation Engineering Lab
- 10. Environmental Engineering Lab
- 11. Applied Electricity & Electronics Lab

















# **VISION**

To transform society by optimizing functional mobility, minimizing barriers, building skills and encouraging inclusion, to improve human experience of the physically disabled population in the region by educating human resource.

# MISSION

Imparting quality education in an innovative, inclusive career oriented, interdisciplinary environment, with a realistic approach and hands-on experience specializing in various disciplines of Physical Medicine and Rehabilitation, in the province.



# **FACULTY MEMBERS**



**Dr. Muslim Khan** Head of Department BSPT,PP-DPT

**Dr. Fawad Ali**Assistant Professor
BSPT,PP-DPT

**Dr. Mansoor Ahmad** Senior Lecturer DPT

**Dr. Ayesha Khan** Lecturer DPT

Mr. Israr Ahmad Lecturer MA-English **Dr. Murad Ali**Assistant Professor
BSPT,PP-DPT

**Dr. Qaiser Khan** Lecturer DPT

**Dr. Fareeha Ikram** Lecturer Islamic studies

**Dr. Wajid Ali**Lecturer
Social studies

**Dr. Malik Muhammad** Senior Lecturer DPT

**Dr. Fahad Afridi** Lecturer DPT

**Dr. Liaqat Hussain** Lecturer DPT

# **Doctor of Physical Therapy**

# **Objectives**

Graduates of the Doctor of Physical Therapy Program will:

- Demonstrate in-depth knowledge of the basic and clinical sciences relevant to physical therapy both; in their fundamental context and in their application to the discipline of physical therapy.
- Understand, correlate and apply theoretical foundations of knowledge to the practice of physical therapy; evaluate and clarify new or evolving theory relevant to physical therapy.
- Demonstrate the behaviors of the scholarly clinician by developing and utilizing the process of critical thinking and inquiry, particularly focused on the improvement of the practice of physical therapy and the delivery of health care.
- Engage in reflective practice through sound clinical decision making, critical self-assessment and commitment to lifelong learning.
- Demonstrate mastery of entry level professional clinical skills. Provision of these services is based on the best available evidence and includes physical therapy examination, evaluation, diagnosis, prognosis, intervention, prevention activities, wellness initiatives and appropriate health care utilization.
- Be prepared to influence the development of human health care regulations and policies that are consistent with the needs of the patient and of the society.
- Demonstrate leadership, management, and communication skills to effectively participate in physical therapy practices and the health care team.
- Incorporate and demonstrate positive attitudes and behaviors towards everyone.
- Demonstrate professional and social skills to adopt to changing health care environments to effectively provide physical therapy care

	S.No	Subjects	Credit Hrs
1	1	Anatomy -I	4(3-1)
er	2	Physiology-I	3(2-1)
Semester 1	3	Kinesiology & Biomechanics-I	3(2-1)
١	4	English-l	3(3-0)
Š	5	Pakistan Studies	2(2-0)
	6	Introduction to Computer	3(2-1)
	1	Anatomy -II	4(3-1)
r 2	2	Physiology-II	3(2-1)
ste	3	Kinesiology & Biomechanics -II	3(2-1)
Semester 2	4	English-II	3(3-0)
Ser	5	Islamic Studies / Ethics	2(2-0)
	6	Medical Physics	3(2-1)
	1	English-III	3(3-0)
m	2	Anatomy -III	3(2-1)
Semester 3	3	Physiology-III	3(2-1)
est	4	Biomechanics & Ergonomics-I	3(3-0)
E E	5	Biochemistry & Genetics-I	2(2-0)
Š	6	Sociology	2(2-0)
	7	Health & Wellness	2(2-0)
	1	Anatomy -IV	3(2-1)
4	2	Biomechanics & Ergonomics-II	3(2-1)
ste	3	Behavioral Sciences(sychiatry & Psychology)	3(3-0)
nes	4	biochemistry& Genetics-II	2(2-0)
Semester 4	5	Exercise Physiology	3(3-0)
	6	Human Growth, Development & community Based Rehabilitation	2(2-0)

2	1	Pathology & Microbiology-I	2(2-0)
er	2	Pharmacology-I	3(3-0)
est	3	Physical Agents & Electrotherapy -I	3(2-1)
Semester 5	4	Therapeutic Exercises & Techniques	3(2-1)
Š	5	Prosthetics & Orthotics	2(2-0)
	6	Professional Practice(laws, Ethics, Administration)	2(2-0)
	7	Supervised Clinical Practice-I	3(0-3)
	1	Pathology & Microbiology-II	3(2-1)
r 6	2	Pharmacology-II	2(2-0)
Semester 6	3	Physical Agents & Electrotherapy -II	3(2-1)
πe	4	Manual Therapy	3(2-1)
Sei	5	Teaching Methodology & Community Medicine	3(3-0)
	6	Supervised Clinical Practice-II	3(0-3)
_	1	Medicine-I	3(3-0)
r 7	2	Surgery-I	3(3-0)
ste	3	Radiology & Diagnostic Imaging	3(2-1)
Semester 7	4	Musculoskeletal Physical Therapy	3(2-1)
Se	5	Biostatistics-I	3(3-0)
	6	Supervised Clinical Practice-III	3(0-3)
	1	Medicine-II	3(3-0)
8 7	2	Surgery-II	3(3-0)
Semester 8	3	Neurological Physical Therapy	3(2-1)
me	4	Evidence Based Practice	3(2-1)
Se	5	Biostatistics-II/ University Optional	3(3-0)
	6	Supervised Clinical Practice-iv	3(0-3)

6	1	Medicine-II	3(3-0)
	2	Surgery-II	3(3-0)
Semester	3	Neurological Physical Therapy	3(2-1)
Ě	4	Evidence Based Practice	3(2-1)
Ŋ	5	Biostatistics-II/ University Optional	3(3-0)
	6	Supervised Clinical Practice-IV	3(0-3)
	1	Gynaecology & Obstetrics Physical Therapy	2(2-0)
19	2	Paediatric Physical Therapy	2(2-0)
ig.	3	Sports Physical Therapy	2(2-0)
l se	4	Supervised Clinical Practice-VI	4(0-4)
Semester	5	Research Project	6

### **Admission Criteria:**

I.KMU Admission Policy will be followed.

II.Admission will be allowed purely on open merit.

III.Both, male and female citizens of Pakistan and AJK, are eligible to apply.

IV.Candidates should have passed F.Sc. (pre-Medical) or equivalent qualification from a recognized Board with minimum of 60% marks.

V.Merit for admission will be determined as follows:

# **Examination Test Weightage:**

Marks obtained in F.Sc. or equivalent50%

Entry Test marks/ETEA40%

Marks obtained in F.Sc. 10%

Total 100%

Note: Ten (10) marks will be deducted from the total score of F.Sc. (or equivalent) for each additional attempt.



Admission Policy
Scholarship Policy
Examinations Rules & Regulations

# **HOW TO APPLY**

You can apply for admission in BRAINS Institute through any of the following processes:

# **Online Application:**

You can apply online from anywhere, through the online form available at our website http://www.brains.edu.pk/admissions/ through the following procedure:

Download the fillable pdf form available on the Institute website.

Fill the admission form and take the print of the same.

Deposit Rs.1000/- admission processing fee through any mode of payment (Online Transfer/ATM Transfer/IBFT/Easypaisa/Jazzcash) in one of the following bank accounts being maintained with title of BRAINS Institute.

Bank Name	Account Title	Account Number
The Bank of Khyber	BRAINS Institute	PK15 KHYB 0128 0000 0310 5005

After depositing the fee in the mentioned bank account, take screenshot/snap of the fee deposit proof and attach the print out of the same with admission form.

Attach photocopies of all the required documents (SSC DMC and Certificate, F.Sc DMC, Character Certificate, CNIC / Form B, Domicile Certificate and three photographs) with the admission form and upload it on website or send it through post to the BRAINS office of the admission.

The interested candidates can obtain the Admission form from the Institute. The candidates have to follow the instructions given on the admission form, fill in the form and submit the same in the Admission Cell by hand along with required documents before the closing date.

In case of any query you can contact the BRAINS admission team on 0336-5700036 or visit our admission office.

## **Regulations for Admission**

#### General

Admission to any program in this Institute shall be made strictly on merit and will be equally open to both sexes. The Institute, however, reserves its right to devise quotas and preferences when circumstances require such action.

## Admission to Bachelor of Civil Engineering Program (BE)

## **Eligibility**

- Admission to BS Engineering shall be open to the candidates who have passed the Higher Secondary School Certificate (HSSC) Pre-Engineering Examination with Physics, Chemistry and Mathematics, securing at least 60% marks in aggregate.
- A candidate having passed any other examination of a Foreign Institute / Institution / Examination body, with both standard as well as scope wise equivalent to the Higher Secondary School Certificate (Pre-Engineering) will have to produce equivalence and conversion of marks certificate issued by the Inter Board Committee of Chairmen (IBCC), Government of Pakistan, Ministry of Education, with the application form.
- A candidate who has passed Diploma of Associate Engineer Examination, securing at least 60% aggregate marks, shall be eligible for admission in the relevant discipline of Engineering in which he or she has passed the Diploma examination only against the specified reserved seats.
- The eligibility so prescribed herein before shall always remain subservient to the requirements so laid by the Pakistan Engineering Council on the subject.
- Apart from the aforementioned criteria, the desiring candidate may also be subjected to any pre-admission test, taken directly or through any third party testing service.
- The Institute reserves the right to refuse admission, even in case a student fulfils all the requirements / eligibility, without disclosing any reason.

## **Entry Test**

All the eligible candidates applying for admission to BE program will have to appear in the Entry Test conducted by Education Testing & Evaluation Authority (ETEA), Government of Khyber Pakhtunkhwa. The candidates applying from other provinces (other than KPK) will have to qualify the Centralized Entry Test of their respective provinces.

#### **Determination of Merit**

The merit of the candidates will be determined according to the following weightage:

- a. 10% weightage to S.S.C. Examination
- b. 40% weightage to Intermediate (Pre-Engg) or Intermediate
- c. examination (unadjusted marks)
- d. 50% weightage to ETEA test

### **Admission to other Undergraduate Programs**

Admission criteria for other undergraduate programs (other than BE Program) shall as under:

### Eligibility

The detailed admission criteria for various undergraduate programs is mentioned in departmental sections.

#### **Determination of Merit**

The merit of the candidates will be determined according to the following weightage:

- a. 10% weightage to S.S.C. Examination
- b. 60% weightage to Intermediate or equivalent Intermediate examination (unadjusted marks)
- c. 30% weightage to interview.

### **Admission to MS Programs**

Admission criteria for postgraduate programs shall as under:

## **Eligibility**

 $The \ detailed \ admission \ criteria \ for \ various \ postgraduate \ programs \ is \ mentioned \ in \ departmental \ sections.$ 

### **Entry Test**

The candidates shall have to appear in the departmental subject test which will be conducted by the Admission Committee of the respective department on the date, time and venue notified for the purpose. Final merit list shall be made, based on the combined results of test marks and the interview marks. The departmental test for any specialization will be checked by the Head of the concerned department in consultation with Dean of the Faculty.

#### **Admission Procedure**

- 1. All the eligibility criterions shall always remain subject to the relevant accrediting / registering body.
- 2. Cases of doubtful or undefined equivalence of any academic qualification, may be considered by the Institute Equivalence Committee. If deemed necessary, the Committee may also consult other organizations/ authorities of Pakistan that deal with the subject and determine equivalence of foreign Degrees and Certificates.
- 3. The Institute Admission Committee, may in its discretion refer cases to IBCC for determination / weightage of any academic qualification.
- 4. Candidates selected for admission shall produce the following documents in original for verification at the time of interview / admission and shall also submit one photocopy set of these documents with the application form:
  - i. Detailed Marks Certificate and Certificate of SSC or equivalent examination.
  - ii. Detailed Marks Certificate and Certificate of Intermediate examination. In case the examination consists of Part-I and Part-II, detailed marks certificates of each Part shall be submitted.
  - iii. Detailed Marks Certificate of graduation (for candidates seeking admission in MS Programs).
  - iv. Character certificate from the Head of Institution most recently attended by the applicant in Pakistan.
  - v. An equivalence certificate from the Inter-Board Committee of Chairmen, Government of Pakistan, Ministry of Education, Islamabad, in case of candidates having certificate from an institution outside Pakistan. This however does not guarantee equivalence for admission unless confirmed by the Institute Equivalence Committee.
  - vi. CNIC or Form "B" of the applicant and CNIC of his/her father.
  - vii. Three recent passport size photographs of applicant.
  - viii. Undertaking on a Non-Judicial Stamp Paper worth Rs. 50/- (Rupees fifty only), for non-indulgence in any unlawful activity, duly attested by the oath commissioner as per prescribed proforma.
  - ix. Original Migration Certificate from the concerned BISE/BTE /Institute last attended.
  - x. Permission and Leave Certificate from the employer in case the applicant is employed anywhere.
- 5. All applications shall be delivered in the admission office on or before the last date given in the advertisement / admission schedule.
- 6. Every application should be accompanied by a declaration signed by the applicant and countersigned by his/her father or guardian (as the case may be) to the effect that he/she would abide by the rules and regulations of the institute and obey instructions issued to him/her from time to time by the Teacher,

- 7. A candidate having passed any other examination of a Foreign Institute / Institution / Examination body, with both standard as well as scope wise equivalent to the Higher Secondary School Certificate (Pre-Engineering) will have to produce equivalence and conversion of marks certificate issued by the Inter Board Committee of Chairmen (IBCC), Government of Pakistan, Ministry of Education, with the application form.
- 8. After declaration of results of Entry Test, Admission Committee shall consider all valid applications received for admission. The Admission Committee will process the applications according to the criteria of admission and availability of seats.
- 9. Candidates provisionally selected by the Admission Committee may be called for interview on a specified date. The selected candidates shall be required to deposit the Institute dues and complete the admission formalities including the filling of the prescribed class enrolment form by a specified date failing which his / her right for admission shall be forfeited and the seat(s) so vacated shall be filled in from the candidate(s) on waiting list.
- 10. The admissions will be provisional and shall not mean any commitment or entail any legal liability till all the original certificates have been checked for their correctness by the quarters concerned and the admission is otherwise confirmed by the admission committee in writing.
- 11. If any seat remains vacant in a discipline after the specified date, it will be filled up within thirty days of the commencement of classes by adjustment in the merit list strictly according to the choice(s) given in the admission form.
- 12. If a seat becomes available due to cancellation of admission after commencement of classes, it may be filled up by adjustment from among the students already admitted in the Institute; provided that no such adjustment may be allowed after thirty days of the commencement of the classes.
- 13. Within thirty days of the last date of admission, particulars of candidates such as Name, Parentage (as per SSC), Domicile, Date of birth, Examination passed and the course to which the candidate has been admitted shall be reported to the Pro-Rector on the prescribed form along with the recommendations of the Admission Committee for approval. After the approval of the Pro-Rector and payment of all the prescribed dues, the name of the candidate shall be entered in the Students Register by the Controller of Examinations and registration card issued to him/her in token thereof.
- 14. Institute reserves right to cancel any admission without assigning any reason at any stage.
- 15. The Institute may also cancel admission so granted to a student in case his documents / particulars are found fake / false or due to change in eligibility criteria retrospective or prospectively. In such an eventuality, the student shall have no vested right due to his time, efforts consumed and fee deposited.

- 16. Documents once submitted with application form cannot be changed and shall be considered as final. All the documents shall be verified from the concerned Boards/ Institutions, if desired by the BRAINS Institute.
- 17. The Merit / Selection list will be displayed on the Institute Notice Board and the website of the Institute and it will be responsibility of individual candidate to check his status and meet the admission deadlines.
- 18. Institute Authorities reserve the right to make amendments in Admission Regulations at any stage. As a result of inadvertent mistake on the part of admission office shall not confer any right of admission of the candidate.
- 19. Institute reserves right to cancel any admission without assigning any reason at any stage.
- 20. The Institute may also cancel admission so granted to a student in case his documents / particulars are found fake / false or due to change in eligibility criteria retrospective or prospectively. In such an eventuality, the student shall have no vested right due to his time, efforts consumed and fee deposited.
- 21. Admission of any student is liable to be cancelled if his / her conduct at any stage is found unsatisfactory.
- 22. Students admitted in any program shall not be allowed to participate in any political or union activities.
- 23. The facility of hostel accommodation and transport to students shall be subject to availability of seats.
- 24. If any of the particulars given by the student in his / her application form are found incorrect or facts suppressed, his / her admission shall be refused. If any incorrect or false statement or suppression of fact is detected after a candidate has been granted admission, his / her admission shall be cancelled and he / she will be expelled from the Institute by the Pro-Rector at any time during the course of his / her studies.
- 25. A candidate convicted by a Court of Law on the grounds of moral turpitude or awarded Sentence in Jail, is ineligible for admission.

## **Special Provisions**

- 1. Interpretation of these Rules by the authorized officers of the Institute shall be final. In all cases where these regulations are silent, the decision of the Rector / Board of Governors of the Institute shall apply.
- 2. The Institute authorities reserve the right to make any change in the existing Statutes, Regulations, Rules and Courses of study that may be considered necessary at any time without prior notice.
- 3. If any of the particulars given by the candidate in his/her application for admission are found incorrect or facts suppressed, he/she shall be refused admission. If any incorrect or false statement or suppression of facts is detected after a candidate has been granted admission, the admission shall be cancelled and he/she shall be expelled from the Institution/College and shall be liable to any other disciplinary or legal action, the Management may deem fit. A student shall be expelled from the Institution/College, if during the course of his/her studies, it is found that he/she was not entitled to admission in the Institution/College. Further, the fees and other user charges deposited by him/her shall stand forfeited

- 4. Those candidates, who are employed in some organizations, must produce a permission letter from the employer at the time of their admission.
- 5. The Rules and Regulations pertaining to admission, promotions, maintenance of discipline etc. contained in the Institute Prospectus shall apply to all the students admitted during the session. However, any change / alteration, if deemed necessary shall be made by the Institute authorities and will be applicable from the date the Management so desires.
- 7. A student will cease to be a regular student as soon as the final semester examination immediately following the academic session, in which he/she was a regular student, concludes. Such a student shall not be entitled to privileges permissible to regular students.
- 8. In case of any litigation, the cost thereto shall always be borne by the student who shall make out the same as his dues towards Institute. The Institute assumes no responsibility what so ever if any loss of life is occurred or the student(s) get(s) harmed or injured during the course of studies in the Institute premises, hostel(s), survey camp or on the study / excursion tours

## **SCHOLARSHIP POLICY**

#### **Rules and Regulations of Scholarship:**

Financial aid to students, in limited number, is provided through a number of means, which includes merit scholarship, need-based scholarships, etc. Scholarship is only provided to students who seek admission in the undergraduate programme. Following are the rules for merit and need based scholarships.

### Scholarships are classified into three main categories;

- A. Merit Scholarships
- **B. Need Based Scholarships**
- C. Workers Welfare Fund, Ihsaas, HEC need-based scholarships and others as per policy of the donor/sponsoring agency.

Note: The scholarship of Workers Welfare Fund includes free education ie tuition fee, transport facility, hostel facility and pocket money, etc

- Scholarships/fee concession may be granted in either admission fee or tuition fee or both.
- Registration, examination and promotion fees do not fall under scholarship.
- Scholarship granted in the 1st semester shall not necessarily be considered applicable for all the coming semesters.
- Continuation of scholarship after the 1<sup>st</sup> semester will be governed by the following policy guidelines:

## A. Merit Scholarship

Students with 80% or above marks will get 30% tuition fee waiver for the first semester.

Merit scholarship will be continued in the upcoming semester only if the scholarship holder scores a minimum SGPA 3.20 (75% marks or above) and he has attended 75% of the classes of the current semester.

## A. Need Based Scholarship

Fee discount on need basis is available to students who submit applications during the admission process. Minimum criteria for award/continuation need based scholarship are GPA 2.5.

All applications for fee discount under this head will be decided on case to case basis by a Committee constituted for the purpose. The Committee may require face to face interview with the student/applicant concerned.

# POLICY FOR SCHOLARSHIP

- The need based scholarship will be continued for the same student in the next semester only if he gets 2.5 GPA (66 marks or above) and has 75% attendance in the existing semester.
- In case a student stands first in the class with minimum GPA 3.5 (80% or above marks) and 75% attendance in the existing semester, he will be eligible for 25% waiver in tuition fee for the next semester.
- Existing scholarship holders will not be eligible for another scholarship during the same semester.
- Children of BRAINS employees will be eligible for 50% discount in tuition fee.
- Students who are granted admission in BRAINS on the recommendations of the Scholarship Promotion Organization (SPO) will be eligible for "Need-Based Scholarship" under the prescribed terms and conditions.
- Students of BRAINS Institute, who are aspiring for admission into DIT at the BRAINS College, will be eligible for 25% discount in tuition fee.

## STUDENTS CONDUCT AND DISCIPLINE REGULATIONS

#### **Regulations for Conduct and Discipline:**

These regulations are applicable to any student who engages in conduct that violates the rules and regulations of the institute, specific Instructions issued by an institute official or any other person authorized to ensure the Implementation of these regulations. A student is subject to discipline for prohibited conduct that occurs on or off campus including field trips, survey camps, Internships etc.

#### **Students General Discipline**

The students are expected to conduct themselves in a disciplined manner, and to acquire that nature and responsible outlook about life, which is expected from them when they enter in their professional careers. Any violation of the rules of discipline can render a student liable to disciplinary action. In this regard they are required to abide by rules of discipline as well as codes of discipline, excerpts from which are reproduced below:

Every student must observe the following code of honor:

- He/she must be loyal, faithful in his/her religious duties and respect the convictions of others in matters of religion and custom.
- He/she must be loyal to his/her country and refrain from doing anything, which might lower its honor and prestige.
- He/she must be truthful and honest in dealings with all people.
- He/she must respect the elders and be polite to everyone.
- He/she must respect his her teachers and others in authority of the institute.
- He/she must keep himself/herself neat and clean.
- He/she must help his/her fellow-beings, especially those in distress.
- He/she must devote himself/herself faithfully to his/her studies.
- He/she must observe thrift and protect public and private property.
- He/she must obey and respect all the laws of the country.

#### Code of conduct

The following acts are prohibited for the students:

- Possession, use or Inducement of any kind of drugs, liquor or any other kind of contrabands or Intoxicants.
- Carrying any kind of weapons within or near the institute premises.
- Possession or use of any type of explosive, firearm, ammunition or hazardous chemicals.
- Smoking Inside the premises of campus.
- Using Indecent/Immoral/filthy language, passing undesirable remarks and disorderly behavior.

## STUDENTS CONDUCT AND DISCIPLINE REGULATIONS

- Inciting violence, use of force or destruction/damage to institute property.
- Misbehavior with management, teaching faculty, office and support staff.
- Indulging In any political, ethnic, sectarian or immoral activity (including strikes, protests, demonstrations, speeches, slogans and distribution of printed material) in or around the campus.
- Harassment of any student or staff member, including sexual harassment.
- Any activity within or outside the premises, which may bring bad repute to the Institution or its management/faculty.
- Impersonation/suppression of Information, cheating and use of any kind of unfair means in the examinations.
- Bringing mobile phone Inside the examination hall
- Bringing any food Items and eatables Inside the classroom, library or laboratory.
- Entertaining outsiders, friends and relatives during study hours without prior permission of the competent authority.
- Breaching any of the rules/regulations ordained by the institute.
- Breaching secrecy and sanctity of the examination process.
- Rendering or causing loss to any property or assets of the institute.
- Conduct that endangers the health or safety of any person.
- Unauthorized use of property, equipment, supplies, buildings, or facilities of the institute.
- Altering or assisting in the altering or forging of any official record of the institute.

## Apart from the above, students are required to:

- Display institute Identity cards prominently on their chests while entering the premises. Attending the classes. Library or laboratories.
- •They should keep their ID cards neat. Clean and Improper order.
- Come to the institute /institute in a properly presentable, neat and clean dress.
- Behave In a decent and disciplined manner on all social, academic and sports events in or outside the campus.
- Avoid any act of omission or commission bringing disrepute to the institute directly or indirectly.
- Use of any type of cameras (still or video), audio/video gadgets in the institute premises (unless & until authorized).

## STUDENTS CONDUCT AND DISCIPLINE REGULATIONS

#### **Acts of Indiscipline**

A student will be liable to disciplinary action who:

- Commits a breach of any of the rules/regulations of conduct specified in paras above or disobeys the lawful order of a teacher or other person in authority in the college/institute.
- Habitually neglects his/her work or habitually absents himself/herself from classes without reasonable cause.
- Willfully damages college/Institute property or the property of a fellow student or any teacher or employee of the institute.
- Does not pay the required fees, fines or other dues by the specified date(s).
- Does not comply with the regulations relating to residence in the hostels or halls of residence or the rules relating to Wearing of uniform or academic dress.
- Uses Indecent language, wears immodest dress. Makes indecent remarks or gestures.
- interacts with opposite/similar sex openly or separately in indecent or objectionable manner or behaves in a disorderly manner
- Does not comply with the standing/current orders, notifications or Instructions of the proctors/director/head of department/Pro-
- Rector/Rector/management.
- Commits any criminal, Immoral, or dishonorable act whether within the institute campus or outside which is prejudicial to the Interest of the college /Institute.

#### **Dress Code**

- Students are required to come to institute in proper, presentable, neat and clean dress.
- Male students are required to wear shalwar and kameez with waist coat (optional) or Trouser and Shirt with jacket or coat & tie (optional).
- Wearing T-shirts or any clothes carrying emblems, letters, and art. or slogans and pictures printed on them are not allowed.
- Sleeveless shirts and shorts are not allowed.
- Male students are not allowed to wear any type of shawl.
- Female students must wear shalwar and kameez with proper chaddar.
- No makeup and jewelry is allowed.
- No skin tight, flashy or see through dress is allowed.

## **Disciplinary action**

#### **Penalties**

The institute reserves the right to suspend, dismiss or impose any other pecuniary or physical penalties on students for any violation of its rules and regulations, any type of misconduct or any undesirable activity mentioned above.

# **RULES & REGULATIONS FOR EXAMINATIONS**

#### 1. Medium of Instructions:

The medium of instructions and examination shall be English except Islamiyat and Pakistan Studies where option of English and Urdu exist or available. Courses of studies are subject to changes and modifications from time to time by the relevant bodies of the Institute in the light of the guidelines of Higher Education Commission of Pakistan and the relevant councils (where necessary).

## 2. Academic year session:

The Academic year /session shall comprise 2 regular and optional summer semester as follows; (Fall Semester, Spring Semester and Summer Semester)

- i. Fall and Spring Semester shall be of 18 weeks of duration out of which 16 weeks shall be reserved for teaching, and 2 weeks for exam.
- ii. A Summer Semester shall be of 10 weeks duration i.e. 8 weeks for teaching and 2 weeks for examination.

#### 3. Attendance:

- A student must have attended at least 75% of the classes held in a course in order to be allowed to sit in the final examination in any discipline.
- A student having class attendance less than 75% in a particular course will be required to repeat the course when offered again by the department.
- Willful absence from classes for a period of four weeks at a stretch during a semester/summer session shall result in automatic cancellation of the registration of a student from all courses in that semester/summer session.
- Only actual attendance in classes shall be considered in calculating the shortage of attendance and no concession in the attendance requirements shall be given on the basis of leave applications including leave on medical grounds. The attendance shall be rounded upto two decimal places only.
- There shall be no make up classes in order to overcome the shortage of attendance of any particular student.

### 4. Course Evaluation:

The student shall evaluated on the basis of two examinations, to be called Mid -Semester Examination and Final Examination, sessional work including, quizzes, assignment, presentations etc. Marks breakdown for each course shall be made as follows.

S.No	Item	Weight age for BE	Weightage (other department)
1	Quizzes / Assignments / Presentations / Attendance.	25% (The concerned Teacher will award distribute the marks.)	30%(The concerned Teacher will award distribute the marks.)
2	Mid Term	25%	30%
2	Final Term	50%	40%

# **RULES & REGULATIONS FOR EXAMINATIONS**

- **5. Grading System**: As per HEC rules.
- I) Grade point average (GPA) shall be calculated and rounded up to two decimal places. In case of close competition between *I* amongst the students for merit position, the third fraction will be calculated.
- ii) Incomplete grade shall only be given in case of Final Year Project where it needs to be completed in two semesters. For the 7th semester, the grade 'I' shall exhibit in the transcript for FYP and it will be converted after the requirements are fulfilled in the final semester.
- **6. Freezing policy**: All the applications for freezing of semester's must be submitted to the Head of Department before the commencement of the semester, other wise the application shall not be entertained. Freezing shall not be allowed in first semester. The maximum period of freezing at one time will be two semesters. After expiry of duration of freezing, the concerned student(s) shall be allowed admission in the same semester in which he/she was on roll before allowing freezing. Whereas, the condition of maximum period required for earning a degree (including the period/duration of freezing) shall be in accordance with the prescribed relevant rules.
- 7. Rules for Migration: Normally, migration from and to BRAINS is allowed as a matter of policy subject to the following minimum conditions:
- i. That they shall clear all the outstanding dues of this Institute, including the dues of the current semester.
- ii. That in case of a scholarship holder, s/he shall deposit all the outstanding dues of the Institute, excluding the scholarship allowed to him/her in the preceding semester(s).
- .iii. That students migrating to BRAINS must meet the minimum CGPA Criteria of the BRAINS. Moreover, only matching courses will be transferable
- iv. That the applicant produce a NOC from the institution concerned along with a statement of total classes held, number of classes attended and the courses studied by the candidate. .
- v. Student(s) migrating to BRAINS must not have been expelled or rusticated from the earlier University/Institute.
- vi. Migration in the last or qualifying semester will not be allowed.
- 8. **Examination Fee:** Examination Fee shall be charged from each student per semester as per rules.
- 9. **Special Provisions:** Special interpretation of these Rules by the Competent Authority of the Institute shall be final. In all cases where these regulations are silent, the decision of the Board of Governors of the institute shall apply. The Competent Authority may relax these regulations in exceptional cases in order to avoid hardship to a student, provided an academic committee of the department/Institute appointed by the Competent Authority so recommends.



## **CAREER DEVELOPMENT CENTER**

The career Development Center is a value chain connecting the affairs of the institute's staff, students and those seeking admission with the employers and industry at large mainly includes but not limited to the following activities;

## 1. Career Counselling Services:

Knowing thyself is knowing the world.

## **Psychometric Assessment and Testing Services (PATS)**

Psychometric testing may well objectively assess hidden traits of soul and mind. It measures more than just self-perception, it measures actual behavior, because what people actually do is more important than what they say or think they do.

To uphold validity and reliability we comprehensively pretest reliability through internal consistency, inter-rater reliability and test-retest reliability with due consideration to indigenous peculiarities. Similarly, the validity of testing is upheld through content validity, construct validity, and criterion validity.

The test reports are presented in individual or group profiling. The uses of our tests withstand the requirements of recruitment and selection; staff promotions in organizations; training and development; professional profiling and learning plans; admission tests and career counseling in educational institutions.

Recently, we have embarked upon an auspicious program of equipping primary and secondary schools with up to date computer training for their students. This program identifies students of groups: grade 1 to 5 and grade 6 to 8. This program will not only equip our children with the latest features of computer science but also prepare them for the opportunity to receive internationally recognized CISCO certifications. The pilot project in Peshawar is kick starting in April this year which will later be extended to the entire province. Approximately 15000 students will benefit from this not-for-profit program.

### 2. Public Awareness and Social Responsibility:

We believe that giving back to the society is very important. Prominent among these are the State Children and the BRAINStorm Conferences. Whereas the State Children popularly known as the Zamon-Kor flagship project of the GoKP has its geneses at the BRAINS. It was established in 2013 as an informal school for rehabilitation and main streaming of the street and other out of the school children in collaboration with the Alkhidmat Foundation and Children Protection Rehabilitation Trust. Later on, owing to his tremendous contributions for the cause the Rector BRAINS was declared as the first Focal Person of the Provincial Government of KP and all the street children as the State Children with a strong commitment on part of the GoKP to restore their rights.

# CAREER DEVELOPMENT CENTER

BRAINS initiated a series of academic and social dialogue titled BRAINStorm, this forum is a quadruple dialog between academia, industry, government and society. Subjects of societal interests with focus on human resource development are deliberated upon and then the reports are sent to all quarters of the society. So far subjects like issues and challenges of 4-years BS degree programs, proposed teacher's recruitment policy of the Khyber Pakhtunkhwa government and its impact on the future of teachers' education, and HIKMAH, the Islamic model of management. These discussions created ripples in the concerned circles and Brainstorm's recommendations were accepted and incorporated in policy matters.

#### 3. Connecting Alumni and the Students:

Alumni always play a pivotal part in the progress and development of any institution. A recognition to the effect has been made crystal clear by taking on board an alumnus of the institution as a member BOG of the institution, a manifestation of our belief in upholding student's centered policies.

#### 4. Industrial liaison:

An Industry Liaison Committee has been in place having representation from the leading industries and professionals of various fields to identify problems facing the industry and work out indigenous solutions to the effect.

#### 5. International collaboration:

Going Global is a buzz word of our approach to a diversified range of activities that every student has to have an international exposure for becoming part of the cross-cultural global ecosystem. Besides, our growing collaborations with international institutions of repute including the Belgorod State Technological University, Russia, Sichuan University of Science and Technology China, Cisco and the Microsoft inc. etc are some proof to the effect.



A View of Day to Day Activities at Career Development Center

# CENTER OF PROFESSIONAL EXCELLENCE (CPEX)

The Center of Professional Excellence (CPEX) is constituted in Faculty of Engineering & Technology to promote continuum professional development of the youth in general and institute graduates in particular. From on-site training and professional certifications to executive education and industry seminars, we have a wide range of opportunities for training, continuing education and professional development.

Objectives

- To enlighten the youth with the modern trends & innovations in the field of Engineering & Technology.
- To promote honorable & ethical practices among young fresh graduates.
- To inculcate entrepreneurship and leadership attributes in fresh graduates.

# **Professional Development Short Course & Diplomas Diploma Courses**

Our Diplomas are industry focused with an emphasis on workplace applications. They are carefully designed to enhance the training offered through departments. The following diplomas are available for graduates and professionals;

Study Area	Course Name	Duration	Eligibility
Architecture, Engineering & Technology	Post-Graduate Diploma in BIM & Construction Management	9 Months	16 Years education in relevant field
	Post-Graduate in GIS	1 Year	F.Sc
	DAE Civil	3 Years	Matric
	DAE Electrical	3 Years	Matric
	DAE Petroleum	3 Years	Matric
Computer Science & Information Technology	Diploma in Information Technology	1 Year	Matric
Management Sciences	D.COM/DBA	2 Year	

# **SHORT COURSES**

We offer variety of professional development courses to provide/enhance skills for both academic and non-academic pursuits. The following short courses are available for graduates and professionals;

Study Area	Course Name	Duration	Eligibility
	Primavera	1 month	F.Sc/DAE
	AutoCAD	1 month	F.Sc/DAE
Analista atuura Francisca anima O	SAP 2000	1 month	F.Sc/DAE
Architecture, Engineering & Technology	Total Station	15 days	F.Sc/DAE
reciliology	Quantity survey	1 month	F.Sc/DAE
	MS project	1 month	F.Sc/DAE
	Graphic Designing	6 months	F.Sc/DAE
	Web Designing & Development	6 months	F.Sc/DAE
	Android App Development	6 months	F.Sc/DAE
	CISCO Academy Courses		
	(CCNA Routing & Switching, CCNP,	3 months	Nil
	Security MCITP, Exchange Server,		
	TMG Server)		
	Financial Accounting		
	Advance Accounting		
Management Sciences	Quick Book		
	Peach Tree		
	English Language (IELTS)		

## **Seminars**

Many of our departments and centers hold weekly seminars and colloquia in which experts from across the country present on the latest scientific topics, which are generally open to alumni and working professionals.

# QUALITY ENHANCEMENT CELL (QEC)

To maintain and enhance the quality of higher education is the primary objective of the each university. To achieve this objective, a mechanism of establishment of QECs has been developed by the Quality Assurance Agency, Higher Education Commission (HEC) to improve the standards of quality of higher education in a systematic way with uniformity across country.

Quality Enhancement Cell at BRAINS Institute, Peshawar was established in 2018. A fully furnished and equipped separate office has been allocated to the QEC in an Admin Section premises. QEC is fully functional to carry out the activities as per instructions by the QAA. QEC, alongside undertaking many other measures for enhancing academic quality in BRAINS Institute Peshawar, also implements quality assessment mechanism of academic programs, called Self-Assessment Process. The outcome of this process is Self-Assessment Report [SAR].

#### Vision:

To ensure high standards of education, at undergraduate and postgraduate levels, through an effective and consistent setup of quality enhancement mechanism, at BRAINS Institute and importing quality standards to related organization(s).

#### **Mission Statement:**

To enhance, promote and sustain the quality of university's educational programs to the highest standards at the national level through effective policies, based on informed decisions, continuous monitoring and controlling measures.

## **Major Functions:**

The major activities of QEC are reflected in the following action plan:

- QEC assists various departments of university in the completion of Self-Assessment Reports and implementation of Self-Assessment Process.
- Every semester, QEC conducts online teacher and course evaluations by students of all Programs.
- QEC assists various departments in preparations for accreditation visits by accreditation councils.
- QEC coordinates the efforts of various departments for Institutional Performance Evaluation (IPE) of university by HEC.
  - QEC implements plagiarism policy of the HEC.

# ENTREPRENEURSHIP DEVELOPMENT CENTER

BRAINS Institute Peshawar has signed a memorandum of understanding (MoU) with **Small** & **Medium Enterprise Development Authority** (SMEDA), Government of Pakistan for setting up an Entrepreneurship Development Center in Brains institute Peshawar Campus

#### **MISSION**

This Entrepreneurship Development Center is being set up with the mission of promoting entrepreneurial culture in the Region and to promote and support Small & Medium Enterprises (SMEs) in the Region by undertaking different initiatives.

## **Objectives**

The Center, established with technical assistance from SMEDA, will have primary focus on achieving the following objectives

- 1. Act as a resource for regional SME support.
- 2. Identify the problems as well as opportunities for SMEs in KHYBER PAKHTUNKHWA Region through research & consultations, thus leading to economic development in the Province.
- 3. Maximize awareness of and disseminate knowledge of Entrepreneurship, amongst the population, who has the motivation, drive and potential to organize, setup, and manage a business of their own.
- 4. Organize different capacity building programs, short courses for SMEs of the Province, including arranging events, with the aim of promoting the SMEs of the Region.
- 5. Develop the Center to be the primary link between the Institute and the commercial world by introducing and promoting the EDC to SMEs, business clusters, trade bodies and other stakeholders etc.

# Office of the Research, Innovation and Commercialization (ORIC)

HEC has started working to organize the research activities of universities/HEIs by ensuring availability of well-established and fully functional ORIC (Office of Research, Innovation and Commercialization) in public/private sector Universities/DAI of the country. Therefore ORIC is established under the directives of HEC in HEIs (Higher Education Institutions).

#### Aims of ORIC

- To promote high quality of research which classifies BRAINS as among the best research oriented HEIs.
- To provide strategic and operational support to the BRAINS research activities/program,
- Providing support to the students and faculty in their research.
- To develop partnership with universities to form joint research ventures.
- To work out for the publication of the research work carried out in the institute.
- To promote entrepreneurship, technology-transfer and commercialization activities.
- Improve the hiring and retention of quality faculty members.

#### **Functions of ORIC**

- •To work under the directions of HEC.
- Conduct two meetings a year with HEC.
- •Identifying and informing the faculty about the research grants opportunities for them to apply and then assist them in acquiring funds from international and national funding agencies.
- •To keep track of all the researches carried out in the university by faculty and staff and then commercialize the relevant research to reap maximum benefit for the industry and therefore translating the research into the public benefit.
- Arranging seminars and workshops for the university's students and faculty regarding ORIC activities.

## **ORIC** strategy:

- 1. Preparing faculty members/researchers by providing them trainings and workshops on various aspects of research activities
- 2. Interaction with various research agencies, donor organizations etc. looking for research promotional opportunities.
- 3. Industry linkages to transform pure knowledge into products, services and production processes for the ultimate end of community welfare

The Office of Research, Innovation and Commercialization (ORIC) has been an integral part of Brains Institute since 2021, and its main aim is to develop, expand, enhance and manage the Brains Institute's research programs and to link research activities directly to the educational, social and economic priorities of the Institute and its broader community.

Brains institute will soon launch it own journal in the different fields to strength up the institute in research field and provide a platform for its scholars and community.

# **Co-Curricular Activities**

### **Blood Camps:**

2-3 Blood camps are arranged in the year under the supervision of Mr Manzoor Hussain, Principle BRAINS Degree College.

### **Debating Club:**

Students are encouraged to participate in local and national completions (bilantuial). Miss. Munera Qureshi provides guidance to the debating club.

## **Character Bulding Society:**

To encourage the students to have moral, social and ethical practices in the university as ewell as in the society. For this purpose seminar conferences, group discussion and competitions are conducted by society. The main objective is to equip students with Islamic Practices and Cultural values as a Muslim as well as a Pakistani. Prof. Dr. Qasim Marwat leads this society.

## **Anti Narcotics Society:**

It is headed by Mr. Saranjam khan and Miss. Palwasha Nazir. The aim and objectives of society are to maintain discipline and decent moral values in the society in both genders.

## **Sports Club:**

The Institute not only focus on academic activities but at the same time provide opportunities for healthy (Physical) sport activities both in campus and off campus. The students are encouraged to participate in tournaments competitions at local and national level. Mr. Waqar ud din and Mr. Mujahid Usman hold the responsibilities of all such activities.

## **Photography Club:**

Photographic competitions among students are held from time to time under the supervision of photographic club.

## **Cultural Society:**

To promote Pakistani Culture and Diversity, a series of activities are conducted under the supervision of Engr. Farasat Ali Shah.

# **Central Library**

The central library system supports learning, teaching and research at the BRAINS Institute with unparalleled collections, innovative services, and inspiring spaces. Whether you are a student, alumnus, faculty, visiting scholar, or community member, we are here to support your search for knowledge, when and where you need it. The BBRAINS Institute Central Library aims to enrich the learning, teaching and research programs of this institute by providing timely access to high-quality scholarly information and learning material in a variety of formats. To this end, the library aims to be a premier provider of knowledge-based information resources and user-focused services. Located in a large multistory dedicated building, this library has a print collection of more than 15000 volumes and subscribe to several serial publications and newspapers. Campus-wide access to more than 1,000 electronic journals and more than 140,000 e-books are available through the HEC National Digital Library Program, OPAC and Local Digital Library System. In addition to students, faculty and other administrative staff members of the Institute, the library offers services to academicians and research scholars from other institutions as well.

## **Automation, Research and Information Management Initiatives**

The BRAINS Institute Central Library has adopted the following innovations to facilitate the information needs of its students and staff;

- 1) KOHA- Integrated Open-Source Library and Information Management Software- adopted for library automation that grants users with searching and retrieval facilities.
- 2) OPAC-Online Public Access Catalogue (OPAC)- provides access to the online catalogue of the Brains Central Library collection.
- 3) HEC National Digital Library (NDL) portal- offers access to millions of digital resources of HEC Digital Library including research journals and e-book databases. HEC digital library is a comprehensive information resource which has a vast collection of contents in full-text over 145000 e-Books (e.g. Springer'S E-books, ebrary), over 22000 e-journals, over videos, lectures, presentations and images, around 75,000 number of electronic content has been made available through the Digital Library Programme.
- 4) Local Digital Library Repository- provide on-campus access to more than 60,000 collections of e-books downloadable in PDF format.

# **Central Library**

## **Library Specialized Services for the Patrons**

The BRAINS Institute Central Library offers the below services on regular basis for library patrons and outside the institution;

- 1. Research Consultations- a write, edit and publish services offered through our Library Information Officer. During your consultation we can direct you to specialized databases to get in-depth information in your field of study; help you select search terms that will yield better results; develop search strategies and give you tips for searching, find citations to resources located at other libraries; provide assistance in writing, editing and publishing of research articles.
- 2. Citation Management Software and Guidance Services- Students have many questions about citing sources, and the Brains Institute library staff Is happy to provide guidance. We can assist by helping you to determine the type of source to be cited, providing a guide to the citation style, and indicating the most relevant section/example. Because citations are often graded, we can not create or format the citation for you, nor can we correct a list of citations. We offer help in the installation of citation software including End Note, Mendeley- web importer for all search engines, Zotero etc.
- **3.** Digital Scholarship Services- this enable researchers, faculty and students to engage in new and exciting scholarship made possible by digital technologies. Together with campus partners, the central library helps users access digital technologies and services. It includes services data services, scholarly communication, data analysis and data visualization.



# BRAINS MOU with Belgorod State Technological University, Russia

BRAINS Institute is in Collaboration with Belgorod State Technological University, Russia, offering International Degree in BE Civil Engineering, BE Mechanical Engineering and BE Electrical Engineering. Recently, an MoU is signed between BRAINS Institute, Pakistan and Belgorod state technological university. The admitted students will complete their First Year/Foundation Year at BRAINS Institute. After the successful completion of the First Year, students will go to Belgorod state technological university, Russia for a further three years of studies. Belgorod state technological university will be responsible for students' medical insurances and the immigration process. The dormitory will also be provided to students in Belgorod state technological university, Russia, who will complete their first year at BRAINS Institute.

Belgorod state technological university is a unique educational institution in Russia. Having almost 60 years' experience, this University has trained over 65 thousand highly qualified specialists for the building and construction industry. Today, Belgorod State Technological University is the only institution that has such specialization in Europe. Its graduates are currently been employed not only in the Russian Federation but in CIS countries and abroad.

The linkage between BRAINS Institute and Belgorod State Technological University will provide the training and career development opportunities to young students of the country to help them counter and earn the necessary means for an honorable living.

The main objectives of this initiative are as follows;

- To prepare students in areas that include learning, curriculum and hands-on experience in international schools.
- To provide the experience of the positive side of culture shock.
- To provide bright learning opportunities to young students in international exposure.
- Provision of career growth for young degree holders in Europe and Pakistan.
- To provide young students with opportunities for upward economic and social mobility in the developed world.
- Development of soft critical skills to enhance the employability of students.
- To grasp the language skills of other countries.
- To enhance students' learning by providing a better course curriculum.
- To provide students with overseas job opportunities.
- To provide young students with opportunities for upward economic and social mobility in the developed world.



# **Collaborations**











# **Collaborations**



# Honours & Awards



















# **Honours & Awards**



Arbab Sher Ali Khan, MNA, Chief Guest at National independence day celebration at BRAINS institute

# **Scholarships Distribution Ceremony**

Glad to speak as Chief Guest with the principals, staff and children of ten leading public sector educational institutions of the Peshawar region, arranged for the purpose of award of notebooks as scholarship to the most deserving students at the Govt. Centennial Model High School, Peshawar Cantt. As a highlight of the event, we have resolved to revive the spirit of Centennial System of Education in the public sector institutions (primarily the Peshawar District) with the help of the alumni, communities and public representatives which implies for moving on with the Movement of Quality Education. Indebted to worthy Syed Mushtaq Hussain Shah Bukhari for the honour.











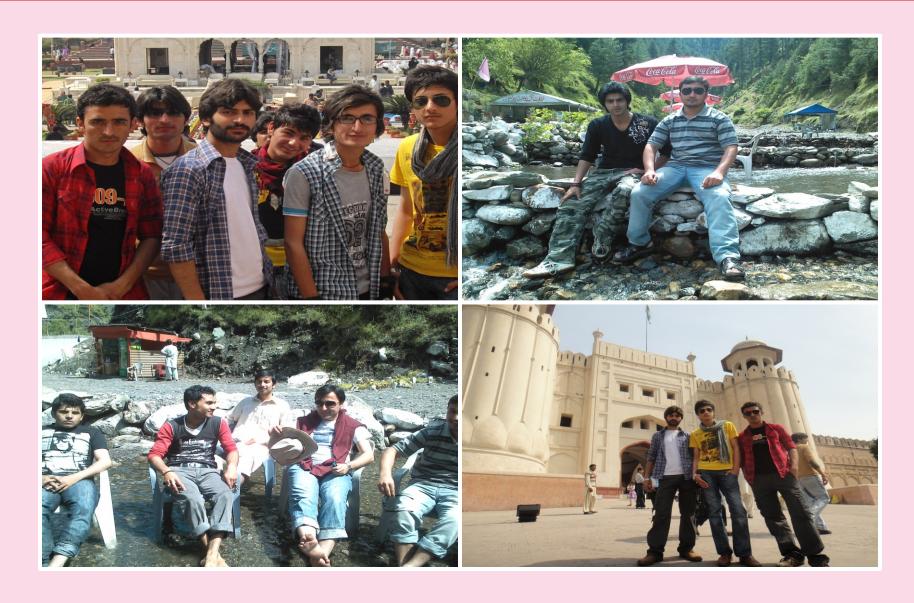
# **Co-Curricular Activities**







# **Study Tours**





## **VISION**

BRAINS strives to emerge as an excellent educational model of the region for fostering leadership which is highly capable of responding to the challenges of the day and future to come.

## MISSION

To get the best out of our students, we provide excellent educational and training engagement along with facilitation of all allied services for enabling them to move future as a global citizens including; Career Counseling, International Admissions, Jobs Placement, Software Development, Trainings, Testing and Certifications.

# **INTERMEDIATE PROGRAM'S**

F.Sc

Pre-Medical Pre-Engineering IT/CS

Programms
Computer Science
DIT

BUSINESS Administration

> D.Come DBA

**TECHNOLOGY** 

DAE Civil
DAE Electrical
DAE Petroleum

HUMANITES

FA

## **Minimum Duration**

F.Sc (2 Years)

IT/CS Programs (2 Years)

**Business Administration (2 Years)** 

Technology (3 Years)



Board of intermediate and Secondary Education



KP, Board of Technical Education



Manzoor Hussain PRINCIPAL

### Introduction

Mindful of the future needs of students, BRAINS launched its first F.A / F.Sc Program in affiliation with Board of Intermediate and Secondary Education Peshawar from session 2000-01 with the sole objective of producing a very special breed of professionals, who attain their Bachelor and Master degrees under the same roof and are groomed with real strength of character and professionalism, so that they can boldly face the challenges that lie ahead. Intermediate is a well-knit, two year multi discipline course of study, leading to the award of F.Sc / F.A certificate by the Board of Intermediate and Secondary Education Peshawar. The academic program is supervised by an experienced and high profile committee, which not only monitors the academic performance of the students but also helps to create a congenial atmosphere for students to develop their personality traits.

In the year 2010, we started DAE programs in electrical, civil and petroleum technologies. Our programs are approved and recognized by KP TEVTA. Our students are testimonial to our excellence. We have a record of success with 100% pass ratio and many positions to our name in our Associate Engineering programs. College is well equipped with technical labs and competent lab supervisors. The School of Technology has been affiliated with the board of Technical Education Khyber Pakhtunkhwa. In recognition of the quality of our programs BRAINS Institute was declared best TVT in KP by Technical Board.

#### **Our Core Values:**

Passion for knowledge, Respect for others and Professionalism are the criterion which clearly distinguish and drive our students/alumni towards proving their leadership in all walks of life.

# **INTERMEDIATE PROGRAM**

The BRAINS College offers following Intermediate Programs:

#### 1. F.Sc

- F.Sc Pre-Medical(Physics/Chemistry/Biology)
- F.Sc Pre-Engineering (Physics/Chemistry/Mathematics)

### 2. IT/CS Programs

- FCS( Physics/ Computer Science/ Mathematics)
- ICS
- DIT

#### 3. Business Administration

- DBA
- D.Com

### 4. Technology

- DAE Civil
- DAE Electrical
- DAE Petroleum

#### 5. FA Humanities

- FA Humanities(Physics / Islamic Studies/ History)
- FA General Sciences(Library Sciences/ Civics, Islamic History)
- FA Theology((Urdu/ English Advance, Civics, Islamic History/ Law)

### **Eligibility:**

Candidates must have passed SSC (Matric)/ O level examination with at least 2nd Division

## **Pre Board Examination Policy**

- Pre-Board examination is held about four weeks prior the last date fixed by the Board for receipt of examination forms with double fee.
- All students including those who qualify the screening test are supposed to take the examinations.
- Admission forms of students who fail in a maximum of two subjects, but secure at least 30% marks in the subject they failed and yet manage to secure 40% marks in aggregate are sent to the Rules for Conduct of Examinations.

## **Rules for College Students Migration**

- Those who want to migrate to other college in the first year, shall be liable to pay the whole year dues for whole year.
- In case of migration in second year, the candidate shall be liable to clear all the dues till the date signature of migration form.
- The scholarship holders would be liable to return all the college dues in case of migration.
- No Migration is allowed in case of DAE.

# **BRAINS ALUMNI**



**Muhammad Yaqoob Marwat** Registrar, University of Sialkot



**Dr.Rahmatullah Bangash**Incharge OPD (pulmonologist)
Khyber teaching hospital



**Taj Wali Said**Director Finance
Worker welfare Board
GoKP



**Dr.Sher Zaman**Administrative Coordinator
Hayatabad medical complex



Shaharzad Mustafawi Legal advisor Ministry of public health



Marina Khan
FF STEEL
Head CEO SECRETARIAT



Abid Hussain
System Engineer &
Cyber Security Professional



Abdul Bari
Assistant Director-IT
Khyber Pakhtunkwa Public
Service Commission

# **BRAINS ALUMNI**



Muhammad Imran Co Founder & Director Operations



Mansoor Ahmad Khan MBA Gold Medalist



Khanzeb Khan, (Late)
Former Chief Engineer,
PHED, GoKP
(MBA From BRAINS)



Uzair Khan, Chief Engineer, C&W Deptt., GoKP. (MBA from BRAINS)



**Dr.Shaheer Shaida Durrani** (MBA From BRAINS)



Shomaila Saadat
Acadmic Coordinator
Beaconhouse House Peshawar
(MBA From BRAINS)



Zeek Afridi (Singer) Ex Student, BSc Computer Science



Adnan Gul Burns and Trauma Centre Peshawar DD (IT)