

# BUIITEMS

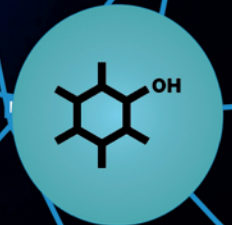
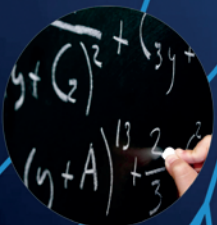
Quality & Excellence in Education



## PROSPECTUS-2017

Faculty of Arts  
& Basic Science

$$E=mc^2$$



Balochistan University of Information Technology  
Engineering & Management Sciences



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## Vice Chancellor's Message

The influences, demand and effects of the rapidly altering globalized world is significant. The need for social understanding and harmony today is more than it has ever been in human history. Social interaction has inevitably changed its forms i.e. virtual, yet its importance and vitality can hardly be overlooked. Thus if neglected it may lead to degradation of social order and progress. This is an age of Science, Technology and Information which demands objective approach for all pursuits leading to change and development. We are living in a highly competitive world where human values are overridden by mechanical way of living. Human attitudes and relations are fostered by art, literature and the study of social sciences. The prosperous future of mankind could be envisaged only if we seek solutions of problems with the help of applied research through advanced studies in Social Sciences and physicalsciences .

At BUIITEMS the Faculty of Arts and Basic Sciences offers an array of fields of study in the disciplines of English, Chemistry, Physics, Mathematics, Fine Arts, Social Sciences. The knowledge of English language is a requisite in the practical world and for effective pursuit of higher studies. At the same time, a sound understanding of Mathematics and basic sciences like Physics and Chemistry are required for advancement in the fields of technology and engineering. In addition, Fine Arts contributes towards the aesthetics and beautification of the World around us. The Faculty of Arts and Basic Sciences is also catering the requirements of other faculties by undertaking the mandatory courses for all degree programs in the subjects of English, physics, chemistry and mathematics, as a service provider to all the faculties, besides their own specific degree programs in the same subjects.

**Ahmed Farooq Bazai (SI)**

Vice Chancellor



## Dean's Message



Welcome to the Faculty of Arts and Basic Sciences (FABS), BUIITEMS. Keeping in view the societal needs the University is putting greater emphasis in raising awareness and community services by teachers and students based on multi-dimensional activities such as classroom learning, seminars/symposia, advocacy campaigns and field events. The efforts are being made to promote inter-disciplinary research to acquire a better understanding of the cultural, socio-economic issues and challenges.

The Faculty has eight departments, namely Social Sciences, International Relations, English, Physics, Chemistry, Mathematics, Mass Communication and Fine Arts. The faculty offers a range of degree programs in the disciplines of International Relations, Mass Communication, Sociology, English Language and Literature, Physics, Chemistry, Mathematics and Fine Arts also provide academic support to other faculties.

Our qualified and well trained faculty is fulfilling the academic and societal needs, transforming the way social sciences and humanities are taught. The commitment of the faculty is reflected in the vibrant intellectual culture of the university. Students at FABS start their respective degree programs by developing strong conceptual foundations across wide range of subjects before graduating to advanced, specialized courses.

Equipped with an excellent fine arts education, with specializations in international relations, mass communication, sociology, anthropology, history, mathematics, physics, chemistry and linguistics and literature, along with various majors, our students go on to careers in academia, policy-making, politics, media, corporate sector and, government organizations.

I feel honored and privileged to be associated with the Faculty of Arts and Basic Sciences. I am confident that our Faculty promises a rich, exciting and challenging learning experience and promising careers for our students. I invite you to explore the possibilities of enjoying this truly unique and rewarding academic experience at the Faculty of Arts and Basics Sciences, BUIITEMS.

**Dr. Jan Muhammad**



# Faculty of Arts & Basic Sciences



## Introduction

The Faculty of Arts and Basic Sciences was approved by the Senate in 2007 in its second meeting. The Faculty of Arts & Basic Sciences deals with disciplines pertaining theoretical and applied basic sciences, fine arts and aesthetics, and humanities. There are eight departments offering a range of Undergraduate and graduate courses. The Faculty also caters to the needs of other faculties and therefore serves a pivotal role.

## Vision

Faculty of Arts and Basic Sciences aspires to achieve excellence in providing quality education for all degree programs.

## Mission

Our mission is to provide the students of various professions and disciplines sound knowledge of basic sciences, make them socially responsible citizens and inculcate in them inquisitiveness and passion for research.

## Objectives

- To cater broad range of subjects for the choice of students
- To encourage students to explore a wide area of academic interests and to acquire diverse research skills



## Departments at Faculty of Arts & Basic Sciences

- ❖ Department of International Relations
- ❖ Department of Mass Communication
- ❖ Department of Sociology
- ❖ Department of English
- ❖ Department of Mathematical Sciences
- ❖ Department of Fine Arts
- ❖ Department of Physics
- ❖ Department of Chemistry





**DEPARTMENT  
OF  
INTERNATIONAL RELATIONS**

## Introduction

The department of International Relations at BUIITEMS was established as a discipline in the Social Sciences department in 2006. It achieved a milestone by gaining the status of separate department in 2016. The department of International Relations has designed courses catering to the needs of students through BS and MS Programs. These programs aim to provide theoretical understanding of the working of the International Political system, institutions and policy making.

### Vision

The department of International Relations aims to be among the leading centers of learning and research in the world by focusing on quality research, policy debate, knowledge sharing and regional and international cooperation.

### Mission

The department of International Relations aims to foster real world theoretical and professional skills in the scholars and practitioners of international relations in order to enable them to understand the intricacies of real world politics and to make a difference through their much needed research and policy contributions.

### Scope

The pace of fast changing international and domestic environment has increased the importance of International Relations manifold. International Relations equip its students with all the necessary tools of knowledge and skill by re-visiting history, analyzing the present and exploring the future. It prepares scholars by introducing them to the new theories and their practical applications to whole range of different societal problems. The students who take up International Relations have greater chances of attaining scholarships and pursuing their careers in international and national institutions. Potential destinations include the national diplomatic services, international organizations, multinational companies, NGOs, Think Tanks. In their search for a job, graduates will be supported by a career service and by seminars on job search methods and tools.

## Admission Criteria

### BS Admission

Intermediate from any recognized board or equivalent with at least 45% marks and entry test conducted by NTS.

### MS Admission

16 years education from any HEC recognized institution in International Relations, Political Science and Defense and Strategic Studies and entry test conducted by NTS.

## BS International Relations (IR)

### Objectives:

Resource management is increasingly becoming the buzzword in the world of politics today, which deals with availability of natural resources and their exploration study of International Relations (IR), and provides us with pertinent information about who is the emerging power in resource management and who is lagging behind in this cutthroat competition of haves and have-nots. The most important impact of IR is in the field of economic development and financial management. The fact that 21st century is turning out to be the century of economics and scientific know-how further enhances the importance of IR since this subject provides a plenary view of these disciplines. Furthermore, the role of IR in shaping the world of today is now much more visible than ever before.

### Scheme of Study

#### Courses and Pre requisites

The entire program consists of eight semesters

#### Foundation Courses for BS (International Relations)

Semester I				
Subject Area	Course Catalog	Title	Credit Hours	Pre-requisites
Humanities	HUM-161	Foundation of English – I	3+0	
Humanities	HUM-101	Islamic Studies	2+0	
IR	IR-111	Introduction to International Relations	3+0	
Political science	POLS-101	Introduction to Political Science	3+0	
Humanities	HUM-104	Introduction to Sociology	3+0	
			<b>14</b>	

Semester II				
Subject Area	Course Catalog	Title	Credit Hours	Pre-requisites
Humanities	HUM-162	Foundation of English-II	3+0	HUM-161
Computer Science	CS-103	Fundamentals of Computer	2+1	
Political Science	POLS-201	Comparative and Developmental Politics	3+0	
IR	IR-211	Globalization and International Relations	3+0	
Humanities	HUM-136	Introduction to Psychology	3+0	
			<b>15</b>	

<b>Semester III</b>				
<b>Subject Area</b>	<b>Course Catalog</b>	<b>Title</b>	<b>Credit Hours</b>	<b>Pre-requisites</b>
IR	IR-	Political System of UK and USA	3+0	
Humanities	HUM-102	Pakistan Studies (Compulsory)	2+0	
IR	IR-339	Diplomatic History of International Relations, 1648 – 1945	3+0	
Political Science	POLS-301	Political Thought	3+0	
PURE MATHEMATICS	MATHp-102	Elementary Mathematics & Statistics	3+0	
Humanities	HUM-268	Communication Skills	3+0	
			<b>17</b>	

<b>Semester IV</b>				
<b>Subject Area</b>	<b>Course Catalog</b>	<b>Title</b>	<b>Credit Hours</b>	<b>Pre-requisites</b>
Humanities	HUM-361	Critical Reading	3+0	
Economics	ECON-106	Introduction to Economics	3+0	
IR	IR-340	Diplomatic History of International Relations Since 1945	3+0	
IR	IR-311	Geo-Political Structure of the World	3+0	
Humanities	HUM-202	Public Administration & Society	3+0	
Political Science	POLS-302	Constitutional Development in Pakistan	3+0	
			<b>18</b>	

<b>Semester V</b>				
<b>Subject Area</b>	<b>Course Catalog</b>	<b>Title</b>	<b>Credit Hours</b>	<b>Pre-requisites</b>
IR	IR-412	Theories of IR	3+0	
IR	IR-326	Foreign Policy Analysis	3+0	
IR	IR-446	Islam and I.R	3+0	
IR	IR-376	International Organizations	3+0	
IR	IR-491	Conflict Management and Resolution	3+0	
			<b>15</b>	

<b>Semester VI</b>				
<b>Subject Area</b>	<b>Course Catalog</b>	<b>Title</b>	<b>Credit Hours</b>	<b>Pre-requisites</b>
IR	IR-411	International Relations in the New Millennium	3+0	
IR	IR-327	Foreign Policy of Pakistan	3+0	IR-326
IR	IR-356	International Political Economy	3+0	
IR	IR-492	Defense and Strategic Studies	3+0	
IR	IR-391	Peace Studies	3+0	
Research	RES-203	Research Methodology	3+0	
			<b>18</b>	

<b>Semester VII</b>				
<b>Subject Area</b>	<b>Course Catalog</b>	<b>Title</b>	<b>Credit Hours</b>	<b>Pre-requisites</b>
IR	IR-422	International Law – I	3+0	
IR	IR-401	Diplomacy: Theory & Practice	3+0	
IR	IR-463	Politics, Economy & Foreign Relations of South Asia/Central Asia	3+0	
IR	IR-461	Foreign Policy of USA, Russia and China.	3+0	IR-326
Research	Res-403	Research Project I	3+0	
IR	IR-447	International Politics of Environment	3+0	
			<b>18</b>	

<b>Semester VIII</b>				
<b>Subject Area</b>	<b>Course Catalog</b>	<b>Title</b>	<b>Credit Hours</b>	<b>Pre-requisites</b>
IR	IR-423	International law – II	3+0	IR-422
IR	IR-493	Human Rights and International Relations	3+0	
IR	IR-494	Arms Control & Disarmament	3+0	
IR	IR-462	Politics, Economy & Foreign Relations of Middle East	3+0	
Research	Res-405	Research Project Part II	3+0	Res-403
			<b>15</b>	

**Total credit hours = 130**

## MS (INTERNATIONAL RELATIONS)

### Courses and Pre requisites

The entire program consists of four semesters. The first semester offers 3 courses (3 core courses) comprising of 12 credit hours. The Second semester offers 12 credit hours (4 Elective courses). Third & fourth semesters cover a thesis of 6 credit hours.

### Scheme of Study

#### Courses for MS (International Relations)

Semester I				
Subject Area	Course Code	Title	Credit Hours	Pre-requisites
IR	IR-601	International Relations: Advanced Theory and Practice (Core Course)	4	
Research	RES-610	Advanced Research Methodology (Core Course)	4	
IR	IR-646	Seminar on Contemporary Regional and Global Issues (Core Course)	4	
			12	

Semester II				
Subject Area	Course Code	Title	Credit Hours	Pre-requisites
IR		Elective 1	3	
IR		Elective 2	3	
IR		Elective 3	3	
IR		Elective 4	3	
			12	

Semester III & IV				
Subject Area	Course Code	Title	Credit Hours	Pre-requisites
Dissertation	DISS-602	Thesis	6	

**Total credit hours= 30**

Elective Courses				
Subject.	Course Code	Course Title	C.H	Semester
IR	IR-602	Contemporary Political Theories	3	2
IR	IR-616	International Law and Use of Force	3	2
IR	IR-617	Contemporary Trends in International Law	3	2
IR	IR-631	Contemporary Analysis of Foreign Policy of Major Powers	3	2
IR	IR-632	Foreign Policy Analysis	3	2
IR	IR-633	An Analysis of Pakistan's Foreign Policy	3	2
IR	IR-647	National Security Issues in Contemporary Pakistan	3	2
IR	IR-648	Contemporary Environmental Issues	3	2
IR	IR-649	Major Issues of Muslim World	3	2
IR	IR-650	Contemporary Strategic Studies	3	2
IR	IR-661	Politics of South Asia	3	2
IR	IR-662	Politics of Middle East	3	2
IR	IR-663	Politics and Security of Asia-Pacific Region	3	2
IR	IR-664	Conflict and Cooperation in South Asia	3	2
IR	IR-676	Role of International Financial Institutions in IR	3	2
IR	IR-677	International Organizations	3	2
IR	IR-691	Ethnic Conflict in Global Perspective	3	2
IR	IR-692	Peace Building in Post-conflict Societies	3	2
IR	IR-693	Power Sharing in Multiethnic States	3	2
IR	IR-694	Arms Control and International Security	3	2
IR	IR-695	Politics of Human Rights	3	2
DISS	DISS-602	Thesis	6	3 & 4



**DEPARTMENT  
OF  
MASS COMMUNICATION**



## MASS COMMUNICATION

### Mission Statement

The mission of the Department of Mass Communication at BUIITEMS is to provide excellence in education on fundamental concepts, values and skills in Media and Communication that focuses on advanced Reporting, Technical writing, critical thinking, innovation and communication. We also promote an understanding of ethical and legal implications of media, the importance of cultural, intellectual diversity, peace building measures and social responsibility of students for accelerating and polishing the latent leadership qualities in the field of Media and Journalism.

### Vision Statement

The Department of Mass Communication is ambitious to become the trendsetter in modern Media practices in the world. The department is striving to bridge the gap between academia and media industry and aims at providing a platform to merge them into a dynamic professional entity.

### Introduction

Real exquisiteness of media is to bring effective change in behaviors and attitudes of masses with essentially transferring the knowledge in terms of education while media education through adroit academicians and well-developed curricula would equip the mindsets with the understanding of media production, projection and dissemination. The Department of Mass Communication was instituted by BUIITEMS in recognition of the critical role of the media and entertainment industries in shaping societal values and cultural life. The establishment of Department of Mass Communication in 2010 was informed by the aspiration to train professionals who uphold the highest intellectual, ethical and professional values that promote creativity, critical knowledge, technical perfection, social responsibility, and the spirit of the enterprise. The Department boasts to be equipped with sophisticated TV, Radio, Online production facilities with studios and Labs under the supervision of learned Faculty. The department offers a Bachelor of Science (BS) degree program in Mass Communication.

### Scope / Objectives

- ❖ Alumniees of Mass Communication are serving in renowned News & Entertainment Channels, Print Media, News & Advertising Agencies, FM Radios stations, Media Houses and PEMRA.
- ❖ To provide basic and advanced concepts and needs of the field reporting, Editing, print & electronic media productions, along with ethical, physical and psychological safety dimension of the journalism arena.
- ❖ To transfer the accurate ethical standards of journalism as fundamental practice in media field for seeking truth by averting all risk factors during turbulent and tranquil circumstances.
- ❖ News media studies can span community boundaries by stabilizing magnet to help the community to work together.
- ❖ To provide the understanding of true journalism wide range practices designed to give news organizations greater insights into the communities and issues they cover with the purpose to serve in the best interests of masses.

- ❖ To enlighten and enable the students to analyze events with proper perspective and understand national & international affairs.
- ❖ To learn basics & modern of writing capabilities for print, electronic and digital media with news gathering techniques.
- ❖ To accelerate public relation and advertising activities that bring out student's problem solving approach and creativity in positive message construction.

### Admission Criteria

BS (Mass Communication)

### Eligibility Criteria

Intermediate from any recognized board or equivalent with at least 45% marks

*Note: For registration and applying online, please visit: <https://oas.buitms.edu.pk/>*

## Scheme of Study

### Semester wise Course allocation

Semester I				
Subject Area	Course Catalog	Title	Pre-requisites	Credit Hours
MC	MC-111	Introduction to Mass Communication		3
MC	MC- 101	Media & Society In Pakistan		3
HUM	HUM-161	Functional English		3
CS	CS-108	Computer Skills		2+1
HUM	HUM-136	Introduction to Psychology		3
HUM	HUM-101/ 112	Islamic Studies/Ethics		3
		Total		<b>18</b>

<b>Semester II</b>				
<b>Subject Area</b>	<b>Course Catalog</b>	<b>Title</b>	<b>Pre-requisites</b>	<b>Credit Hours</b>
MC	MC-211	Introduction to Public Relations		3
MC	MC-426	Introduction to Social Media		3
HUM	HUM-268	Communication Skills		3
HUM	HUM-102	Pakistan Studies		3
Pure MATH	MATHP-102	Elementary Mathematics & Statistics		3
HUM	HUM-	Introduction to Political Science		3
		Total		<b>18</b>

<b>Semester III</b>				
<b>Subject Area</b>	<b>Course Catalog</b>	<b>Title</b>	<b>Pre-requisites</b>	<b>Credit Hours</b>
MC	MC-321	Theories of Mass Communication-I		3
MC	MC-344	Media Writing		2+1
HUM	HUM-265	Technical Writing & Presentation Skills		3
HUM	HUM-104	Introduction to Sociology		3
MC	MC-341	Functional Urdu		3
MC	MC- 331	National and International Affairs		3
		Total		<b>18</b>

<b>Semester IV</b>				
<b>Subject Area</b>	<b>Course Catalog</b>	<b>Title</b>	<b>Pre-requisites</b>	<b>Credit Hours</b>
MC	MC-243	Reporting		3
MC	MC-334	Theories of Mass Communication-II		3
HUM	HUM-202	Public Administration & Society		3
ECON	ECON-203	Economics		3
MC	MC- 493	Development Communication		3
MC	MC-202	Mass Media in Balochistan		3
		Total		<b>18</b>

<b>Semester V</b>				
<b>Subject Area</b>	<b>Course Catalog</b>	<b>Title</b>	<b>Pre-requisites</b>	<b>Credit Hours</b>
MC	MC-211	Radio news reporting		3
MC	MC-426	Online Journalism		2+1
MC	MC-268	Photo Journalism		2+1
HUM	HUM-102	Gender and Development Studies		3
MC	MC- 481	Advertising I		3
		Total		<b>15</b>

<b>Semester VI</b>				
<b>Subject Area</b>	<b>Course Catalog</b>	<b>Title</b>	<b>Pre-requisites</b>	<b>Credit Hours</b>
MC	MC-211	TV journalism		3
MC	MC-426	Internship		3
MC	MC-268	Media laws and ethics		3
HUM	HUM-102	Sub editing and Page Designing		2+1
MC	MC- 464	Magazine Production		2+1
		Total		<b>15</b>

<b>Semester VII</b>				
<b>Subject Area</b>	<b>Course Catalog</b>	<b>Title</b>	<b>Pre-requisites</b>	<b>Credit Hours</b>
MC	HUM-303	Research Methodology (Proposal Writing)		3
MC	MC-	Globalization & World Media		3
MC	MC- 381	Media organization structure		3
MC	MC-	Elective:		
MC	MC-	Elective:		3
		Total		<b>15</b>

<b>Semester VIII</b>				
<b>Subject Area</b>	<b>Course Catalog</b>	<b>Title</b>	<b>Pre-requisites</b>	<b>Credit Hours</b>
MC	MC-337	Media and Human Rights		3
MC	MC-431	Peace journalism		3
MC	MC-	Elective:		3
MC	RES- 480	Research Report/ Thesis/ Project		3
MC	MC-	Elective:		3
		Total		<b>15</b>
<b>Total Credit Hours: 18+18+18+15+15+15+18+15= 132</b>				

<b>Elective Courses</b>				
<b>Subject.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>C.H</b>	<b>Semester</b>
MC	MC-452	Social Media & Journalism		3
MC	MC-453	Social Media Production		3
MC	MC-454	Social media Strategy & Marketing		3
MC	MC-455	Social Media Project		3
MC	MC-481	Advertising-I		3
MC	MC-482	Public Relation-I		3
MC	MC-483	Advertising-II		3
MC	MC-484	Public Relation-II		3
MC	MC-471	Radio News Reporting & Production		3
MC	MC-472	TV News Reporting & Production		3
MC	MC-473	Radio Program Production		3
MC	MC-474	TV Program Production		3
MC	MC- 437	Advance Radio Journalism		3
MC	MC	Research Project –I		3
MC	MC	Research Project -II		3
MC	MC-461	Advance Reporting		3
MC	MC-462	Newspaper Management & Production		3
MC	MC-463	Advanced Sub-Editing		3
MC	MC-464	Magazine Production/Publication project		3
MC	MC-493	Development Communication & social Change		3
MC	MC-491	Development Journalism		3
MC	MC-492	Rural & Urban Sociology		3
MC	MC-494	Advocacy & DCS Campaigns (Practicum)		3

**DEPARTMENT  
OF  
SOCIOLOGY**

## Introduction

Established in 2015, the department of sociology embarked upon its academic journey in the scientific arena. Having observed the need and demand for this discipline, BUIITEMS began to offer four years BS-Sociology, benchmarked with the best universities of the world. The horizon of sociology is very broad both in knowledge and practice. It is a diverse field of study of human behavior and the structure and function of human society. Sociologists are concerned with understanding the social structure such as family, economy, politics, religion, social class, race and culture, through sociological lens by applying various theoretical and research paradigms.

Owing to the technological revolution, we consider it indispensable for our students to decipher the change in global sensibility. With regard to such a transition, the Department of Sociology offers indigenous and cosmopolitan knowledge combined with a variety of sociological perspectives to enriching their insights about the changes in the social trends locally and globally. The department also aims to introduce the students to major contemporary social problems and help them adopt and develop practical approaches for their solutions. Briefly, linking our students with the industry is one of the core objectives. For this purpose, we prepare the students for job market and global knowledge industry. The graduates, later in the course of their study choose to pursue their careers in different government and private sectors including public health, education, corporate and media industry, legal and political institutions, NGOs or as independent entrepreneurs.

## Mission

The mission of sociology department is to equip the students with a wide variety of knowledge and skills that enable them to play their role in different organizations as capable professionals.

## Objectives

- To provide a detailed insight to the students about the sociological theories and research methods
- To impart knowledge about the sociological paradigms to the students to critically analyze the social structure and the shifts taking place in the social milieu with the changing circumstances in the future ahead
- To help students gain a variety of knowledge about the cultural practices of the diverse societies across the world that will consequently promote cross-cultural synergy
- To apply scientific techniques to enable students to examine social problems and suggest appropriate solutions
- To provide students with a sociological knowledge relevant in adapting themselves to the changing circumstances which in turn will enable them to maintain cohesion in a more complex and multicultural setup
- To equip students with knowledge and techniques to compete in both national and international job markets.

### Admission Criteria

The candidate seeking admission to BS (Sociology) must meet the following eligibility criteria.

- Intermediate or equivalent with at least 45% marks in aggregate.
- Qualifying aptitude test and/or interview with at least desirable percentage as decided by the Admission Committee.

### Duration of the Program

- The entire duration of BS (Sociology) shall be of four years, equally divided into eight semesters.
- First four semesters are Foundation Courses comprising of 66 credit hours. And the succeeding four semesters entail the Core Courses having 67 credit hours.
- Each semester will be of 16 weeks.

## Scheme of Studies BS (Sociology)

Semester I			
S.No.	Course Code	Course Title	Credit Hours
1	HUM-104	Introduction to Sociology	3-0
2	CS-118	Introduction to Computer Science	3-0
3	HUM-172	Functional English-I	3-0
4	HUM-102	Pakistan Studies	2-0
5	HUM-369	Logic and Critical Thinking	3-0
<b>Total</b>			<b>14</b>

Semester II			
S.No.	Course Code	Course Title	Credit Hours
1	HUM-238	Social Psychology	3-0
2	SOC-116	Social Thought	3-0
3	HUM-285	Functional English-II	3-0
4	ENVIRON-101	Introduction to Environmental Sciences	3-0
5	LAW-204	Introduction to Law	2-0
6	HUM-101	Islamic Studies/Ethics	2-0
<b>Total</b>			<b>16</b>



<b>Semester III</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	SOC-117	Classical Sociological Theory	3-0
2	HUM-265	Technical Writing and Presentation Skills	3-0
3	HUM-268	Communicational Skills	3-0
4	HUM-212	Introduction to Political Science	3-0
5	MC-112	Introduction to Mass Communication	3-0
6	MATHP-102	Elementary Mathematics and Statistics	3-0
<b>Total</b>			<b>18</b>

<b>Semester IV</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	STAT-210	Social Statistics	3-0
2	SOC-331	Introduction to Population Studies	3-0
3	SOC-231	Contemporary Sociological Theory	3-0
4	ECON-106	Principles of Economics	3-0
5	HUM-111	Introduction to International Relations	3-0
6	HUM-213	Pakistan Society and Culture	3-0
<b>Total</b>			<b>18</b>

<b>Semester V</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	SOC-346	Criminology	3-0
2	SOC-318	Sociology of Religion	3-0
3	SOC-347	Sociology of Education	3-0
4	SOC-348	Introduction to Gender Studies	3-0
5	SOC-232	Sociology of Development	3-0
6	SOC-349	Social & Cultural Anthropology	3-0
<b>Total</b>			<b>18</b>

<b>Semester VI</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	SOC-233/234	Elective	3-0
2	SOC-233	Sociology of Globalization	3-0
3	HUM-415	Conflict Resolution	3-0
4	SOC-350	Methods of Social Research	3-0
5	SOC-351	Comparative Social Institutions	3-0
6	SOC-352	Internship	3-0
<b>Total</b>			<b>18</b>

<b>Semester VII</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	SOC-431	Sociology of Law and Human Rights	3-0
2	RES-403	Qualitative Research Methods	2-0
3	RES-404	Quantitative Research Methods	2-0
4	SOC-353	Introduction to Social Work	3-0
5	SOC-446	Research Project-I	3-0
6	MGMT-304	Organizational Behavior	3-0
<b>Total</b>			<b>16</b>

<b>Semester VIII</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	SOC-354	Community Development	3-0
2	SOC-447	Research Project-II	3-0
3	MGMT-402	Project Planning and Management	3-0
4	SOC-448	Social Policy	3-0
5	SOC-432	Social Change and Economic Development	3-0
<b>Total</b>			<b>15</b>
<b>Total Credit Hours</b>			<b>133</b>

DEPARTMENT  
OF  
ENGLISH

## INTRODUCTION

The department of English was established in 2011 with an aim to provide students with an opportunity to gain prolific knowledge in the areas of linguistics and literature. Language is inherently loaded with meaning and to understand these meaning requires an inquisitive mind assisted by appropriate knowledge. The department of English aims at equipping the students with an interest in research, simultaneously introducing them to the aesthetics of literary studies.

The department of English also serves a pivotal role in the enhancement of proficiency in all four skills of students from all disciplines across the University. Our faculty provides auxiliary services to all disciplines.

Moreover, our faculty is constantly striving to produce pertinent, productive research both in language and literature.

### Vision

To be rated as an exceptional center of instruction and research in the fields of linguistics and literature.

### Mission Statement

The department of English has dedicated expertise and resources in advancement of instructional skills and research in theoretical and applied linguistics, and literature.

### Aims and Objectives

- To equip students with all four skills in the use of English language.
- To promote an understanding of the importance of language and the power it yields.
- To develop a culture of critical reading and critical thinking.
- To develop a taste in literature, inspiring a trend of writing.

### Scope of English Department

As a part of sustained growth of BUIITEMS, the Department of English is envisaged a vital component of academic growth. As a first step, BS (Language & Literature) was introduced with a blend of the basic subjects and research and to achieve a more tangible aim, MS in Language & Literature has been introduced since 2016.

The language sector offers immense scope of growth in the future. We intend to establish a language laboratory within next two years and to set up an extensive resource center. As the physical facilities increase, we intend to consolidate the Centre of Modern Languages, BUIITEMS into a nucleus for study of various other languages which are vital to building up our relation with other nations of the world. Side by side with the strengthening of the teaching of the English language, we intend to introduce Arabic which would not only empower our youth to knock on more job opportunities in the Gulf and Middle East zones, but would also strengthen the ties of Islamic brotherhood. French, German, Spanish, Chinese, Japanese, Hindi, Bengali languages would gradually be introduced as essential part of the studies for any degree in Social Sciences. A well-equipped language laboratory would provide ample assistance in learning and practicing the languages.

### Admission Criteria

#### BS Admission

Intermediate from any recognized board or equivalent with at least 45% marks.

### Scheme of Studies BS (ENGLISH)

#### Semester I

S.No.	Course Code	Course Title	Credit Hour
1	HUM-169	Introduction to Literature-I	3-0
2	HUM-273	Introduction to Linguistics	3-0
3	HUM-164	English-I	3-0
4	HUM-102	Pakistan Studies	3-0
5	HUM-272	Sociology	3-0
6	HUM-170	Introduction to Literary Terms	3-0
<b>Total</b>			<b>18</b>

#### Semester II

S.No.	Course Code	Course Title	Credit Hour
1	HUM-275	History of English Literature	3-0
2	HUM-274	Phonetics and Phonology	3-0
3	HUM-261	English-II	3-0
4	HUM-101	Islamic Studies/Ethics	3-0
5	HUM-107	Introduction to Philosophy	3-0
6	HUM-171	Introduction to Literary Terms	3-0
<b>Total</b>			<b>18</b>

#### Semester III

S.No.	Course Code	Course Title	Credit Hour
1	HUM-278	Introduction to Literature -II	3-0
2	HUM-376	Morphology and Syntax	3-0
3	HUM-362	English –III	3-0
4	HUM-238	Social Psychology	3-0
5	STAT-201	Elementary Mathematics & Statistics	3-0
6	CS-101	Introduction to Computers	3-0
<b>Total</b>			<b>18</b>

<b>Semester IV</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hour</b>
1	HUM-280	History of English Literature-II	3-0
2	HUM-279	Advanced Academic Reading and Writing	3-0
3	HUM-281	Semantics	3-0
4	HUM-305	Human Rights and Citizenship	3-0
5	HUM-203	Research Methodology	3-0
<b>Total</b>			<b>15</b>

<b>Semester V</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hour</b>
1	HUM-282	Literary Criticism	3-0
2	HUM-491	World Englishes	3-0
3	HUM-283	Poetry (14 <sup>th</sup> to 18 <sup>th</sup> Century )	3-0
4	HUM-374	Novel (18 <sup>th</sup> & 19 <sup>th</sup> Century)	3-0
5	HUM-383	Pedagogical Grammar	3-0
6	HUM-461	Sociolinguistics	3-0
<b>Total</b>			<b>18</b>

<b>Semester VI</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hour</b>
1	HUM-468	Literary Criticism and Theory	3-0
2	HUM-378	19 <sup>th</sup> Century Poetry	3-0
3	HUM-377	Classics in Drama	3-0
4	HUM-475	Lexical Studies	3-0
5	HUM-375	Discourse Analysis	3-0
6	HUM-462	Psycholinguistics	3-0
<b>Total</b>			<b>18</b>

Semester VII			
S.No.	Course Code	Course Title	Credit Hour
1	HUM-379	20 <sup>th</sup> Century Literature (Poetry and Drama)	3-0
2	HUM-476	American Literature	3-0
3	HUM-390	Language Teaching Methodologies	3-0
4	HUM-482	Research Methods in Linguistics	3-0
5		Elective	3-0
<b>Total</b>			<b>15</b>

Semester VIII			
S.No.	Course Code	Course Title	Credit Hour
1	HUM-484	20 <sup>th</sup> Century Fiction	3-0
2	IT-422	Literary Stylistics	3-0
3	HUM-394	Syllabus Designing and Testing	3-0
4	HUM-488	Language, Culture and Identity	3-0
5		Research Project	3-0
<b>Total</b>			<b>15</b>
<b>Grand Total:</b>			<b>135</b>



**MS ENGLISH (Language & Literature)**

- Each course is of 03 Credit Hours (CH)
- In total there will be 30 CHs throughout the two years MS Program i.e. 24 CH for Course work in first two semesters and 6 CHs for Thesis in the last two semesters.

**Admission Criteria****MS Admission**

16 years education from any HEC recognized institution in English and entry test conducted by NTS.

**Scheme of Study MS (English)**

<b>Semester I</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	ENG-641	Literary Criticism and Theory	3-0
2	RES-611	Research Methodology	3-0
3		Elective-I	3-0
4		Elective-II	3-0
<b>Total</b>			<b>12</b>

<b>Semester II</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	ENG-601	Applied Linguistic	3-0
2		Elective-III	3-0
3	RES-612	Advanced Research and Bibliographic Methods	3-0
4		Elective-IV	3-0
<b>Total</b>			<b>12</b>

<b>Semester III &amp; IV</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	Thesis-601	Thesis	6
<b>Total</b>			<b>6</b>



List of Electives for Literature	
S.No.	Course Title
1	Shakespearian Studies
2	Aesthetics & Literary Genres
3	American Literature – I (Novel and Short Story)
4	Comparative Literature
5	Modern and Contemporary Poetry
6	Modern and Contemporary Fiction
7	Modern and Contemporary Drama
8	American Literature – II (Drama and Poetry)
9	World Literature in Translation
10	Postcolonial Studies

List of Electives for Linguistic	
S.No.	Course Title
1	Critical Discourse Analysis
2	Language Assessment
3	Bilingualism
4	Teaching and learning English in large Classes
5	Globalization and Spread of English
6	Computational Linguistics
7	English for Specific Purpose
8	Translation Studies
9	Pragmatics
10	Cross-Cultural Communication

**DEPARTMENT  
OF  
MATHEMATICAL SCIENCES**

## Department of Mathematical Sciences

### Introduction

The Department of Mathematical Sciences was established in 2003. The department provides instructional support to all the faculties of the University in teaching of courses pertaining to Mathematical sciences. The department also offers its own graduate and undergraduate programs leading to MS (Mathematics) and BS (Mathematics) degrees. These programs are carefully designed with thoughtful selection of courses from applied, pure, financial, and computational domains of mathematics in the light of guidelines provided by HEC.

### Vision

Our vision is to be among the leading Mathematics departments of the country, which provides quality education in Mathematics and is center of active and innovative research.

### Mission

The department aspires to promote understanding of Mathematics by means of instruction and research and inculcate in students attributes of logical and critical thinking.

### Aims and Objectives

The Department of Mathematical Sciences aims to:

- Train students in solving complex mathematical problems
- Create knowledge through intensive research activity
- Provide instructional support to other departments of the University
- Develop human resource equipped with skills to resolve complex issues in engineering, humanities, social, natural, basic and other sciences
- Train students to appreciate the higher level of abstraction
- Develop capacity of mathematical thinking of students
- Liaison with other schools of Mathematics for sharing of knowledge and ideas
- Keep abreast with latest developments in Mathematics and update curricula accordingly
- Instill in students a spirit to excel in Mathematics, demonstrate innovation and originality, and contribute for welfare of society
- Produce proficient mathematicians having conceptual clarity and ability to express their thoughts and ideas in logical and coherent manner.

### Scope

The Department of Mathematics is established for providing education in Mathematical sciences to students hailing from Balochistan in particular and from other parts of Pakistan in general. Admission to foreign students is also offered on limited seats. The Department offers programs in various specializations which include pure, applied, computational and financial Mathematics. Academia and students frequently participate in national, regional and international conferences. The research interests of the Department of Mathematical Sciences at BUIITEMS range from abstract to practical aspects of the discipline. Building on our current strength, our goal, in the department, is to strengthen areas related to Pure and Applied Mathematics. We believe that it will help students keep pace with latest trends in mathematics on the one hand and contribute to society at large on the other.

### Admission Criteria

#### BS Admission:

Intermediate with Mathematics from any recognized board or equivalent with at least 45% marks and entry test conducted by NTS.

#### MS Admission:

16 years education from any HEC recognized institution in Mathematics and entry test conducted by NTS.

### Scheme of Studies BS (Mathematics)

Semester I			
Course Codes	Course Title	Credit Hours	Pre- requisite
MATHP-167	Calculus I	4 + 0	
MATHP-251	Elements of Set Theory and Mathematical Logic	3 + 0	
HUM191/H UM-112	Islamic Education/ Ethics	2 + 0	
CS101/101L	Introduction to Computers	2 + 1	
HUM-164	English I (Functional English)	3 + 0	
ENVIRON- 102	Environmental sciences	3 + 0	
		<b>17+1=18</b>	

Semester II			
Course Codes	Course Title	Credit Hours	Pre- requisite
MATHP-267	Calculus II	3 + 0	MATHP-167
SE-171	Software Packages (Introduction to MATLAB or Maple)	1 + 2	
MATHA-201	Introduction to Statistics	3 + 0	
HUM-261	English II (Communication Skills)	3 + 0	
HUM-102	Pakistan Studies	2 + 0	
HUM-104	Introduction to Sociology	3 + 0	
		<b>15+2=17</b>	

Semester III			
Course Codes	Course Title	Credit Hours	Pre- requisite
MATHP-311	Algebra I (Group Theory)	3 + 0	MATHP-251
MATHP-268	Calculus III	4 + 0	MATHP-267
HUM-362	English III ( Technical Report Writing and Presentation Skills)	3 + 0	
MATHP-111	Linear Algebra	2 + 1	
HUM-136	Introduction to Psychology	3 + 0	
		<b>15+1=16</b>	

Semester IV			
Course Codes	Course Title	Credit Hours	Pre- requisite
MATHP-231	Affine and Euclidean Geometry	3 + 0	MATHP-167
MATHA-334	Computational Linear Algebra	2 + 1	
MATHA-233	Discrete Mathematics	3 + 0	
MATHP-271	Numerical Methods	3 + 1	MATHP-267
ECO-106	Principles of Economics	3 + 0	
		<b>14+2=16</b>	

Semester V			
Course Codes	Course Title	Credit Hours	Pre- requisite
MATHP-341	Point Set Topology	3 + 0	
MATHA-345	Classical Mechanics	3 + 0	
MATHP-274	Ordinary Differential Equations	3 + 0	MATHP-167
MATHP-369	Real Analysis I	3 + 0	MATHP-267
MATHP-312	Algebra II (Rings and Fields)	3 + 0	MATHP-311
		<b>15+0=15</b>	

Semester VI			
Course Codes	Course Title	Credit Hours	Pre- requisite
MATHP-331	Differential Geometry	3 + 0	MATHP-167
MATHP-479	Partial Differential Equations	3 + 0	MATHP-274
MATHP-373	Numerical Analysis	3 + 1	MATHP-271
MATHP-269	Complex Analysis	3 + 0	
MATHP-367	Real Analysis II	3 + 0	MATHP-369
		<b>15+0=15</b>	

Semester VII			
Course Codes	Course Title	Credit Hours	Pre- requisite
MATHP-426	Number Theory	3 + 0	
MATHP-367	Functional Analysis	3 + 0	
	Elective-1	3 + 0	
	Elective-2	3 + 0	
MATHA-346	Mathematical Methods	3 + 0	
		<b>15+1=16</b>	

Semester VIII			
Course Codes	Course Title	Credit Hours	Pre- requisite
MATHA-301	Probability Theory	3 + 0	MATHA-201
MATHP-490	Integral Equations	3 + 0	
	Elective-3	3 + 0	
	Elective-4	3 + 0	
MATHP-401	Project	3 + 0	
		<b>15+0=15</b>	
	<b>Program Credit Hours</b>	<b>128</b>	

### Scheme of Studies MS (Mathematics)

Semester I		
Course Title	Credit Hours	Pre- requisite
Core-1	3	
Core-2	3	
Core-3	3	
Core-4	3	
	<b>12</b>	

Semester II		
Course Title	Credit Hours	Pre- requisite
Elective-1	3	
Elective-2	3	
Elective-3	3	
Elective-4	3	
	<b>12</b>	

Semester III & IV		
Course Title	Credit Hours	Pre- requisite
Thesis	6	
<b>Program Credit Hours</b>	<b>30</b>	

Core courses for MS (Mathematics)				
Subject Area	Course Code	Course Title	Credit Hours	Pre- requisite
Pure Maths	MATHP-524	Theory of Group Actions	3	
Pure Maths	MATHP-531	Riemannian Geometry	3	
Pure Maths	MATHP-543	Topology	3	
Computational Maths	MATHA-531	ODEs and Computational Linear Algebra	3	
Applied Maths	MATHA-548	Integral Equations	3	
Pure Maths	MATHP-575	Theory of Partial Differential Equations	3	
Computational Maths	MATHA-533	Numerical Solutions of PDEs	3	
Applied Maths	MATHA-549	Advanced Mathematical Physics	3	
Applied Maths	MATHA-532	Special Functions	3	
Applied Maths	MATHP-552	Research Methodology	3	

<b>Elective courses for MS (Mathematics)</b>				
<b>Subject Area</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>	<b>Pre- requisite</b>
Pure Maths	MATHP-652	History of Mathematics	3	
Pure Maths	MATHP-667	Approximation Theory	3	
Pure Maths	MATHP-668	Fixed Point Theory	3	
Pure Maths	MATHP-511	Rings and Modules	3	
Pure Maths	MATHP-618	Lattice Theory	3	
Pure Maths	MATHP-617	Commutative Algebra	3	
Pure Maths	MATHP-612	Category Theory	3	
Pure Maths	MATHP-651	Axiomatic Set Theory	3	
Pure Maths	MATHP-670	Theory of Ordinary Differential Equations	3	
Applied Maths	MATHA-641	Classical Electrodynamics-I	3	
Applied Maths	MATHA-642	Classical Electrodynamics-II	3	MATHA-641
Applied Maths	MATHA-643	Representation Theory-I	3	
Applied Maths	MATHA-644	Representation Theory-II	3	MATHA-643
Applied Maths	MATHA-632	Computer Aided Geometric Design (CAGD).	3	
Applied Maths	MATHA-633	Multi-resolution Geometric Modeling.	3	
Computational Maths	MATHA-634	Mathematical Modeling	3	
Applied Maths	MATHA-646	Perturbation Methods I	3	
Pure Maths	MATHP-669	Geometric Function Theory	3	
Applied Maths	MATHA-645	Fluid Mechanics	3	
Pure Maths	MATHP-615	Banach Algebras	3	
Pure Maths	MATHP-616	Theory of Group Graphs	3	
Applied Maths	MATHA-550	General Theory of Relativity	3	



**DEPARTMENT  
OF  
FINE ARTS**

## Introduction

The Department of Fine Arts was initiated at BUIITEMS, in Fall, 2010 with the aim and objective to provide students with a quality art education in the province. Balochistan is the largest province of the country; with rich cultural background, it has a great tradition of folk heritage. Some 7000 years ago a great ancient civilization of Mehar Ghar flourished here, which has been considered the hub of civilizations and from that time it remains a valuable source of inspiration for artists and researchers.

Art Education is the best way to preserve the history, culture and craft of an area; our intension is to provide technical knowhow to the people of far-flung areas of Balochistan, and to provide them an opportunity to carry out research and study their respective cultural backgrounds and to express themselves in the language of Visual Arts.

The department of Fine Arts provides four year BS courses in various disciplines of Arts. At present we are focused on four major areas of the fields: that are; Painting, Sculpture, Miniature Painting and Printmaking. The drawing is considered backbone of the fine arts therefore it is a compulsory subject throughout. All students start from the "Foundation year" which comprises of 1st and 2nd semester, and they select their major discipline in 6th semester. For a better understanding of the philosophy of Arts, the students are provided with the modern facilities of contemporary art, holding seminars and exhibitions from time to time.

## Vision

"To be among the universities of the world, accessible to all, imparting quality Art Education and promoting awareness of cultural heritage".

## Mission

To provide research based art education in the region, giving young professionals a vision, and equip them with the traditional and modern languages of Art. To enable them to cope with the contemporary demands. The craft of the region is inspirationally rich therefore it could be turned and cultivated into Art work. We are also committed to bring the Art works of the masters of Pakistan, so that to value their historic importance and immense contribution after the creation of the country.

## Goal

"To provide art activity and to produce professionals in the province of Balochistan".

## Admission Criteria

### B (Fine Arts)

Intermediate from any recognized board or equivalent. Admissions are made on the basis of NTS & aptitude test in freehand drawing.

Semester I				
S.No.	Subject Area	Course Code	Subject	Credit hours
1	Fine Arts	FA-101	Visual Arts	2+0
2	Humanities	HUM-163	English-I(functional English)	3+0
3	Humanities	HUM-101	Islamic studies/Ethics	2+0
4	Fine Arts	FA-111S	Drawing-I	0+3
5	Fine Arts	FA-212S	Drafting –I	0+3
6	Fine Arts	FA-104S	Design-I	0+3
7	Fine Arts	FA-136S	Sculpture-I	0+3
<b>Total Credit hours</b>				<b>19</b>

Semester II				
S.No.	Subject Area	Course Code	Subject	Credit hours
<b>Theory</b>				
1	Fine Arts	FA-201	History of Culture	2+0
2	Humanities	HUM-261	English-II(communication Skills)	3+0
3	Humanities	HUM-102	Pakistan studies	2+0
<b>Studios</b>				
4	Fine Arts	FA-211S	Drawing-II	0+3
5	Fine Arts	FA-209S	Drafting –II	0+3
6	Fine Arts	FA-214S	Design-II	0+3
7	Fine Arts	FA-236S	Sculpture-II	0+3
<b>Total Credit hours</b>				<b>19</b>

Semester III				
S.No.	Subject Area	Course Code	Subject	Credit hours
<b>Theory</b>				
1	Fine Arts	FA-202	Art Appreciation	2+0
2	Humanities	HUM-362	English-III( Technical	3+0
3	Computer Sciences	CS-108L	Computer Skills / Fundamentals of computer	1+1
<b>Studios</b>				
4	Fine Arts	FA-213S	Drawing-III	0+2
5	Fine Arts	FA-126S	Painting-I	0+3
6	Fine Arts	FA-237S	Sculpture-III	0+3
7	Fine Arts	FA-156S	Printmaking-I	0+2
8	Fine Arts	FA-146S	Miniature-I	0+3
<b>Total Credit hours</b>				<b>20</b>

Semester IV				
S.No.	Subject Area	Course Code	Subject	Credit hours
<b>Theory</b>				
1	Fine Arts	FA-	Material & Process	2+0
2	Fine Arts	FA-110	History of Art	2+0
<b>Studios</b>				
3	Fine Arts	FA-311S	Drawing-IV	0+2
4	Fine Arts	FA-226S	Painting-II	0+3
5	Fine Arts	FA-336S	Sculpture-IV	0+3
6	Fine Arts	FA-256S	Printmaking-II	0+2
7	Fine Arts	FA-246S	Miniature-II	0+3
<b>Total Credit hours</b>				<b>17</b>

Semester V				
S.No.	Subject Area	Course Code	Subject	Credit hours
<b>Theory</b>				
1	Fine Arts	FA-301	History of Western Art	2+0
2	Fine Arts	FA-366+366L	Calligraphy	1+1
<b>Studios</b>				
3	Fine Arts	FA-312S	Drawing-V	0+2
<b>Elective Courses</b>				
<b>Elective Courses for Majors</b>				
4	Fine Arts	FA-227S	Painting(maj)-III	0+6
5	Fine Arts	FA-337S	Sculpture(maj)-V	0+6
6	Fine Arts	FA-247S	Miniature(maj)-III	0+6
7	Fine Arts	FA-257S	Printmaking(maj)-III	0+6
<b>Elective Courses for Minors</b>				
8	Fine Arts	FA-227S	Painting-III	0+3
9	Fine Arts	FA-337S	Sculpture-V	0+3
10	Fine Arts	FA-247S	Miniature-III	0+3
11	Fine Arts	FA-257S	Printmaking-III	0+3
<b>Total Credit hours</b>				<b>15</b>

Semester VI				
S.No.	Subject Area	Course Code	Subject	Credit hours
<b>Theory</b>				
1	Fine Arts	FA-315	Islamic Art & Architecture	3+0
2	Humanities	HUM-138	Psychology	2+0
<b>Studios</b>				
3	Fine Arts	FA-411S	Drawing-VI	0+2
<b>Elective Courses</b>				
<b>Elective Courses for Majors</b>				
4	Fine Arts	FA-326S	Painting(maj)-IV	0+6
5	Fine Arts	FA-436S	Sculpture(maj)-VI	0+6
6	Fine Arts	FA-346S	Miniature(maj)-IV	0+6
7	Fine Arts	FA-356S	Printmaking(maj)-IV	0+6
<b>Elective Courses for Minors</b>				
8	Fine Arts	FA-326S	Painting-IV	0+3
9	Fine Arts	FA-436S	Sculpture-VI	0+3
10	Fine Arts	FA-346S	Miniature-IV	0+3
11	Fine Arts	FA-356S	Printmaking-IV	0+3
<b>Total Credit hours</b>				<b>16</b>

Semester VII				
S.No.	Subject Area	Course Code	Subject	Credit hours
<b>Theory</b>				
1	Fine Arts	FA-302	Art in Pakistan	2+0
2	Fine Arts	FA-303	Modern Art	2+0
<b>Studios</b>				
3	Fine Arts	FA-412S	Drawing-VII	0+2
<b>Elective Courses</b>				
<b>Elective Courses for Majors</b>				
4	Fine Arts	FA-327S	Painting(maj)-V	0+6
5	Fine Arts	FA-437S	Sculpture(maj)-VII	0+6
6	Fine Arts	FA-446S	Miniature(maj)-V	0+6
7	Fine Arts	FA-456S	Printmaking(maj)-V	0+6
<b>Elective Courses for Minors</b>				
8	Fine Arts	FA-327S	Painting-V	0+3
9	Fine Arts	FA-437S	Sculpture-VII	0+3
10	Fine Arts	FA-446S	Miniature-V	0+3
11	Fine Arts	FA-456S	Printmaking-V	0+3
<b>Total Credit hours</b>				<b>15</b>

<b>Semester VIII</b>				
<b>S.No.</b>	<b>Subject Area</b>	<b>Course Code</b>	<b>Subject</b>	<b>Credit hours</b>
1	Fine Arts	FA-403	Thesis Report & Jury	2+0
2	Fine Arts	FA-	Seminar Presentation	1+0
3	Fine Arts	FA-402	Thesis Project	0+12
<b>Total Credit hours</b>				<b>15</b>

<b>Total credit hours</b>	<b>124-136</b>
<b>Practical</b>	<b>95</b>
<b>Theory</b>	<b>41</b>
<b>Total</b>	<b>136</b>



**DEPARTMENT  
OF  
PHYSICS**

## Introduction

Since its establishment, the Department of physics has been providing quality education to its students. It has highly 15 qualified faculty that includes 8 PhD degree holders 3 are proceeding their PhDs with vast teaching and research experience in many fields of physics. The Department has been providing its students services of highly qualified teachers with proven excellence in their specialization. The Department is currently offering BS and MS and PhD programs in a variety of specialization viz., plasma physics, medical physics, materials Science, nano materials, polymers, high energy materials, radiation Physics and semiconductor physics. The research interests of its faculty members range from synthesis, & characterization of materials Science, ferrites, polymer and material physics and chemistry.

## Vision

We aspire to produce competent physicists with critical thinking through observation and practice capable of resolving academic challenges in the field of Physics.

## Mission

Physics Department at BUIITEMS is committed to extend its services in the education of physical science and emerging technologies in an environment conducive to impart quality education and cutting edge research. The department aims to excite students for exploring the universe and the desire to engage in lifelong learning.

## Objectives

- To impart quality education in Physics
- To promote research in Physics and emerging technologies
- To impart knowledge through experiments and design innovative techniques of investigation

## Programs Offered

BS, MS and PhD in Physics are offered.

## Admission Criteria

### BS Admission

F.Sc (Pre-Engineering)/ICS with Physics and Mathematics from any recognized board or equivalent with at least 45% marks.



### Scheme of Studies for four year BS Physics

Semester I				
S. No	Course Code	Course Title	Credit Hours	
			Theory	Lab
1	PHY-108	Mechanics	4	0
2	PHY-103L	Lab-I *	0	1
3	MATHP-167	Calculus-I	3	0
4	HUM-164	English-I	3	0
5	HUM-102	Pakistan Studies	2	0
6	CS-118	Computer Fundamentals	2	1
Total			16	

Semester II				
S. No.	Course Code	Course Title	Credit Hours	
			Theory	Lab
1	PHY-104	Electricity and Magnetism	4	0
2	PHY-107	Heat and Thermodynamics	3	0
3	PHY-203L	Lab-II **	0	1
4	HUM-138	Psychology	3	0
5	MATHP-267	Calculus-II	3	0
6	HUM-261	English-II	3	0
Total			17	

Semester III				
S. No.	Course Code	Course Title	Credit Hours	
			Theory	Lab
1	PHY-102	Waves and Oscillations	3	0
2	PHY-346	Modern Physics	3	0
3	PHY-237L	Lab-III ***	0	1
4	MATHP-111	Linear algebra	3	0
5	HUM-362	English-III	3	0
6	STAT-201	Statistics-I	3	0
Total			16	

Semester IV				
S. No.	Course Code	Course Title	Credit Hours	
			Theory	Lab
1	PHY-207	Optics	3	0
2	PHY-247L	Lab-IV ****	0	1
3	MATHA-214	Differential Equations	3	0
4	HUM-101	Islamic Studies*****	2	0
5	STAT-301	Statistics-II	3	0
6	CHE-104	Chemistry	2	1
7	CS-114	Programming Fundamentals	2	1
Total			18	

\*Lab-1 includes experiments on Mechanics

\*\*Lab-II includes experiments on Heat, Electricity and Magnetism

\*\*\*Lab-III includes experiments on Waves and oscillation, Sound and Modern Physics

\*\*\*\*Lab-IV includes experiments on Optics

\*\*\*\*\*Ethics (HUM-112) will be offered alternate to Islamic studies for non-Muslims

Semester V				
S. No.	Course Code	Course Title	Credit Hours	
			Theory	Lab
1	MATHA-341	Methods of Mathematical Physics -I	3	0
2	PHY-238	Electromagnetic Theory-I	3	0
3	PHY-301	Classical Mechanics	3	0
4	EE-201	Electronics-I	3	0
5	PHY-456	Nuclear Physics	3	0
6	PHY-350L	Lab-V *	0	2
Total				17

Semester VI				
S. No.	Course Code	Course Title	Credit Hours	
			Theory	Lab
1	MATHA-342	Methods of Mathematical Physics-II	3	0
2	PHY-348	Quantum Mechanics-I	3	0
3	PHY-337	Electromagnetic Theory-II	3	0
4	MATHA-449	Statistical Mechanics	3	0
5	EE-301	Electronics-II	3	0
6	PHY-452L	Lab-VI **	0	2
Total				17

Semester VII				
S. No.	Course Code	Course Title	Credit Hours	
			Theory	Lab
1	PHY-446	Quantum Mechanics-II	3	0
2	PHY-447	Solid State Physics-I	3	0
3	PHY-421L	Lab-VII ***	0	2
4	PHY-366	Project Part-I	2	0
5		Elective I	3	0
6		Elective II	3	0
Total				16

Semester VIII				
S. No.	Course Code	Course Title	Credit Hours	
			Theory	Lab
1	PHY-546	Solid State Physics-II	3	0
2	PHY-448	Atomic & Molecular Physics	3	
3	PHY-466	Project Part-II	4	0
4		Elective III	3	0
5		Elective IV	3	0
Total				16

Total: 133 Credit Hours

\*Lab-V includes experiments of Electronics

\*\*Lab-VI includes experiments of Modern Physics, Atomic Physics and Spectroscopy and Electronics Materials

\*\*\*Lab-VII includes experiments of Miscellaneous Advanced Experiments

## Admission Criteria

### MS Admission

16 years education from any HEC recognized institution in Physics and entry test conducted by NTS.

## Course scheme for MS Physics

### Semester wise scheme for MS Physics

Semester I			
Code	Title of the Course	Cr. Hrs	Remarks
PHY-587	Mathematical Methods of Physics	3	Core subject
PHY-537	Electrodynamics-I	3	Core subject
PHY-623	Methods and Techniques of Experimental Physics	3	Core subject
	Total	9	

Semester II			
Code	Title of the Course	Cr. Hrs	Remarks
PHY-511	Statistical Physics	3	Core subject
	Elective I	3	Elective subject
—	Elective II	3	Elective subject
	Total	9	

Semester III			
Code	Title of the Course	Cr. Hrs	Remarks
	Elective III	3	Elective subject
	Elective IV	3	Elective subject
	Total	6	

Semester IV			
Code	Title of the Course	Cr. Hrs	Remarks
	Thesis	6	Compulsory
	Total	6	

### Semester wise courses scheme for PhD Physics

Semester I			
Code	Title of the Course	Cr. Hrs	Remarks
	Elective I	3	Elective subject
	Elective II	3	Elective subject
	Elective III	3	Elective subject
	Total	9	

Semester II			
Code	Title of the Course	Cr. Hrs	Remarks
	Elective IV	3	Elective subject
	Elective V	3	Elective subject
	Elective VI	3	Elective subject
	Total	9	

Note : - The PhD students shall not be offered the subjects which they have already studied during their MS/M.Phil classes.

List of Elective Courses for MS and PhD			
S.No.	Code	Title of the Course	Cr. Hrs
1	PHY-677	Quantum Mechanics-I	3
2	PHY-678	Quantum Mechanics II	3
3	PHY-638	Electrodynamics II	3
4	PHY-669	Nanophysics and Nanotechnology I	3
5	PHY-766	Nanophysics and Nanotechnology II	3
6	PHY-746	Advanced Quantum Mechanics	3
7	PHY-654	Optical Properties of Solid	3
8	PHY-639	Magnetism in Condensed Matter	3
9	PHY-679	Quantum Optics-I	3
10	PHY-653	Condensed Matter Theory-I	3
11	PHY-676	Quantum Information Theory-I	3
12	PHY-692	Materials Science	3
13	PHY-658	Plasma Physics	3
14	PHY-586	Group Theory*	3
15	PHY-736	Superconductivity	3
16	PHY-651	Particle Physics	3
17	PHY-649	Plasma Physics-II	3
18	PHY-681	General Relativity and Cosmology	3
19	PHY-747	Condensed Matter Theory-II	3
20	PHY-721	Experimental Plasma Physics	3
21	PHY-749	Quantum Optics-II	3
22	PHY-555	Atomic Physics*	3
23	PHY-748	Quantum Information Theory-II	3
24	PHY-659	Accelerator Techniques for Materials	3
25	PHY-551	Solid State Physics*	3
26	PHY-680	Solid State Theory	3
27	PHY-554	Atomic and Electron Physics - I*	3
28	PHY-655	Atomics and Electron Physics II	3
29	PHY-566	Advanced Nuclear Theory-I*	3
30	PHY-656	Advanced Nuclear Theory-II	3
31	PHY-556	Quantum Field Theory-I*	3

32	PHY-647	Quantum Field Theory – II	3
33	PHY-557	Laser Physics – I*	3
34	PHY-648	Laser Physics – II	3
35	PHY-517	Computational Physics – I*	3
36	PHY-617	Computational Physics – II	3
37	PHY-502	Physics of Non-linear Systems*	3
38	PHY-622	Advanced Techniques of Experimental Physics	3
39	PHY-657	Applied Nuclear Physics	3
40	PHY-637	Magnetic Materials	3
41	PHY-531	Renewable Energy Resources*	3
42	PHY-559	Conduction in Solids*	3
43	PHY-532	Soil Physics*	3
44	PHY-533	Environmental and Atmospheric Physics*	3
45	PHY-650	Micro-Electronics and Semi-Conductor Devices	3
46	PHY-681	Optoelectronics	3
47	PHY-660	Advanced Medical Physics	3
48	PHY-668	Ferrite Technology	3

\* Subjects for MS only

**DEPARTMENT  
OF  
CHEMISTRY**

## Introduction

Since its establishment, the Department of Chemistry has been providing quality education to its students. It has highly qualified faculty that includes 8 PhD degree holders with vast teaching and research experience in almost all fields of chemistry. The Department has been providing its students services of highly qualified teachers with proven excellence in their specialization. The Department is currently offering BS and MS programs in five specialization viz., Analytical, Biochemistry, Inorganic, Organic and Physical chemistry. The research interests of its faculty members range from synthesis, isolation & characterization of natural products, physical, polymer and material chemistry.

### Vision

The Department of Chemistry aims at becoming an unrivalled model of education. The graduating students are made to prepare themselves to face the formidable challenges of the 21st century. To achieve the said goals, the Department of Chemistry has committed itself in providing various courses of study through its well-framed programs. The Department offers four-year BS and two-year MS programs. The designing of course structure for PhD program is already in progress. The Department has a dedicated and motivated team of highly qualified faculty members. Several faculty members have already received research grants and others have submitted their research proposals to different funding agencies in the world. Ultimately, the Department of Chemistry seeks to capitalize on its existing strengths and potential of its faculty members to achieve its goals.

### Mission

The mission of Department is to create and maintain program of excellence in the area of research and education. Mission is achieved through the attraction of renowned faculty members and maintains state of the art research and teaching facilities. The objective is achieved through frequent interaction between faculty and students and the use of modern educational technology in lecture and laboratory. To serve as a role models to students for safe and ethical professional behavior.

### Scope

Department of Chemistry provide a solid base and training to the students which can be applied for pursuing higher studies, like PhD. There are various higher study options for candidates who have completed their MS Chemistry. Candidates having MS Chemistry can find various jobs in both public and private sectors organizations. Various jobs profiles available for such candidates include, Analytical Chemist, Lab Chemist, Production Chemist, Research and Development Manager, R & D Director, Biomedical Chemist, Industrial Research Scientist, etc. Various companies also prefer to higher such candidates, e.g., Pharmaceutical Companies, Agrochemical Industry, Petrochemical Industry, Plastic Manufacturing units, Chemical manufacturers, Textile Industries, Paper Industry, etc.

### Objectives

To educate the next generation of chemist with the capacity to solve real problems To provide leadership that can lead to the economic transformation of the society.

To develop student's ability to acquire new knowledge for a range of new areas and readily adapt to and make use of emerging technologies.



**Admission Criteria:****1) MS Chemistry**

16 year of education in the field of chemistry with at least 50 % marks or CGPA 2 out of 4 and GAT with at least 50 % marks.

**2) BS Chemistry:**

F.Sc with Chemistry from any recognized board or equivalent with at least 45% marks.

**BS Chemistry**

BS (Chemistry) 4-years program consist of eight (8) semesters. The Scheme of study, syllabi and courses of reading for BS Chemistry are given below:

**Scheme of Studies BS (Chemistry)**

<b>Semester I</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	CHEM-101	Inorganic Chemistry - I	3-1
2	COMP-101	Computer Applications	3-0
3	MATH-101	Mathematics-I	3-0
4	HUM-101	Pakistan Studies	2-0
5	ENG-101	English-I	3-0
6	PHY-101	Physics	3-0
<b>Total</b>			<b>18</b>

<b>Semester II</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	CHEM-102	Organic Chemistry - I	3-1
2	STAT-101	Statistics	3-0
3	MATH-102	Mathematics-II	3-0
4	HUM-102	Islamic Studies/Ethics	2-0
5	ENG-102	English-II	3-0
6	PHY-102	Food Chemistry	3-0
<b>Total</b>			<b>18</b>

<b>Semester III</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	CHEM-201	Physical Chemistry - I	3-1
2	CHEM-202	Environmental Chemistry	3-0
3	HUM-201	Introduction to Psychology	2-0
4	HUM-202	International Relations	3-0
5	ENG-201	English-III (Report Writing)	3-0
6	PHY201	Modern Physics	3-0
<b>Total</b>			<b>18</b>

<b>Semester IV</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	CHEM-203	Analytical Chemistry - I	2-1
2	CHEM-204	Applied Chemistry	2-0
3	CHEM-204	Biochemistry - I	2-1
4	BIO-201	Soil Chemistry	3-0
5	ENG-202	English-IV (Communication Skills)	3-0
6	STAT-201	Fuel Chemistry	3-0
<b>Total</b>			<b>17</b>

<b>Semester V</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	CHEM-301	Bio-Chemistry - II	3-1
2	CHEM-303	Inorganic Chemistry - II	3-1
3	CHEM-305	Organic Chemistry - II	3-1
4	CHEM-307	Physical Chemistry - II	3-1
<b>Total</b>			<b>16</b>

<b>Semester VI</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	CHEM-301	Analytical Chemistry - II	3-1
2	CHEM-304	Inorganic Chemistry - III	3-1
3	CHEM-306	Organic Chemistry - III	3-1
4	CHEM-308	Physical Chemistry - III	3-1
<b>Total</b>			<b>16</b>

<b>Semester VII</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	CHEM-401	Special Subject Paper- I	3-0
2	CHEM-403	Special Subject Paper-II	3-0
3	CHEM-405	Special Subject Paper-III	3-0
4	CHEM-407	Elective Course - I	3-0
5	CHEM-409	Special Subject Lab-I	0-1
6	CHEM-4011A	Project / Advanced Lab	0-3
<b>Total</b>			<b>16</b>

<b>Semester VIII</b>			
<b>S.No.</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
1	CHEM-402	Special Subject Paper-IV	3-0
2	CHEM-404	Special Subject Paper-V	3-0
3	CHEM-406	Special Subject Paper-VI	3-0
4	CHEM-408	Elective Course-II	3-0
5	CHEM-4010	Special Subject Lab-II	0-1
6	CHEM-4011B	Research Project / Advanced Lab	0-3
<b>Total</b>			<b>16</b>

**Total Credit hours 136**

Student will study four courses, (three courses from area selected as Specialization and one elective course selected from area other than the field of specialization.)

Area of Specialization are: (Inorganic/Organic/Physical/Analytical/Biochemistry)

## MS Chemistry

List of the Core Subjects offered in MS Chemistry with course code			
S.No.	Course Code	Course Title	Credit Hours
1	CHEM. 500	Advance Inorganic Chemistry	3
2	CHEM. 501	Modern Spectroscopic Techniques	3
3	CHEM. 502	Research Methodologies	3
4	CHEM. 503	Principles of Physical chemistry	3
5	CHEM. 504	Advance Analytical Chemistry	3

List of the Elective Subjects Offered in MS Chemistry with Course Code			
S.No.	Course Code	Course Title	Credit Hours
1	CHEM. 505	Advance Organic Synthesis	3
2	CHEM. 506	Industrial Chemistry	3
3	CHEM. 507	Nanochemistry	3
4	CHEM. 508	Spectroscopic studies of Organic Molecules	3
5	CHEM. 509	Organometallic Complexes and Inorganic Industrial Chemistry	3
6	CHEM. 510	Pharmaceutical Chemistry	3
7	CHEM. 511	Biosynthesis of Natural Products	3
8	CHEM. 512	Green Chemistry	3
9	CHEM. 513	Radio & Nuclear Chemistry	3
10	CHEM. 514	Synthetic application of named reactions	3
11	CHEM. 515	Advance Biochemistry	3
12	CHEM. 516	Physical Chemistry of Environment	3
13	CHEM. 517	Separation Techniques	3
14	CHEM. 518	Bioinorganic Chemistry	3
15	CHEM. 519	Solution Chemistry and Thermodynamics	3
16	CHEM. 520	Environmental Chemistry	3

## Semester Wise Course Distribution

Semester I	
Subjects	Credit Hours
Core Subject-I	3
Core Subject-II	3
Elective Subject-I	3
Total	9

Semester II	
Subjects	Credit Hours
Core Subject-III	3
Core Subject-IV	3
Elective Subject-II	3
Total	9

Semester III	
Subjects	Credit Hours
Core Subject-V	3
Elective Subject-III	3
Total	6

Semester IV	
Subjects	Credit Hours
Thesis	6
<b>Total</b>	<b>6</b>

Course Work:                    24 CH

Thesis:                            6 CH

**Total Credit Hours:        30**

# FACULTY PROFILES

## DEPARTMENT OF CHEMISTRY



**Dr. Jan Muhammad**

Dean FABS

Dr. Jan Muhammad is Dean Faculty of Arts & Basic Sciences, BUIITEMS Quetta. He holds a PhD degree in Computing Science from University of Glasgow, UK. Dr. Jan Muhammad is active researcher and contributor for IEEE conferences and transactions. His research interests are in security issues of distributed systems (i.e. Grid and Cloud computing). In his PhD work he proposed a secure framework for using a proactive approach towards detecting vulnerabilities across Virtual Organisation (VO) resources; A novel approach for vulnerability management, which addresses the specific challenges facing VO-wide security and incorporation of fabric management security considerations.

**Dr. Muhammad Nawaz**

Chairperson Chemistry

Dr. Nawaz did his PhD in Synthetic Organic Chemistry from University of Rostock, Germany. In his PhD work, he carried out the synthesis of Diarylbenzophenones, p-terphenyls and Organosulfur compounds. His research work has been published in renowned scientific Journals, like, European Journal of Organic Chemistry, Synlett, Synthesis, and Tetrahedron. Dr. Nawaz joined BUIITEMS in 2013. He is a member of various Chemical Societies including, The Chemical Society of Pakistan and The Korean Chemical Society. Presently, he is serving as Chairperson of the Department of Chemistry and as Faculty Coordinator Faculty of Arts & Basic Sciences, BUIITEMS. His research interests include Organic Synthesis, Isolation, identification and structural elucidation of organic compounds from Natural Products.

**Dr. Fayaz Ahmed**

Associate Professor,

Dr. Fayaz Ahmed Joined BUIITEMS in 2010 as lecturer in the Faculty of Life Sciences & Informatics. He did his PhD in 2009 from HEJRIC, University of Karachi, in Natural Product Chemistry; including some work being conducted at CRL, University of Oxford, UK. Dr. Fayaz Ahmed was appointed as an Assistant Professor on TTS in the faculty of Life Sciences & Informatics on 20th October 2010. Currently Dr. Fayaz is serving as an Associate Professor at the faculty of Arts & Basic Sciences. He also has carried out postdocs from University of Karachi, 2009-2010 and from the FJIRSM, PR China in Material and Catalysis Chemistry in the year 2012-2013. Dr. Fayaz is a member of various scientific bodies such as Chemical society of Pakistan, and world academy of young scientists. His area of research interest includes, Natural Products, Methodologies, Surface Functionalization and organic synthesis.



**Dr. Gulfam Nasar**  
Assistant Professor

Dr. Gulfam Nasar is Assistant Professor at the Department of Chemistry, Balochistan University of Information Technology, Engineering and Management Sciences. His fields of interests are nanomaterials, polymer composites and nanocomposites, ferrites, electro-magnetic materials, polymer blends etc. His Ph.D work comprised of synthesis and characterization of polymer nanocomposites. He is an HEC recognized Ph.D supervisor. He has taught courses at the undergraduate, postgraduate and Ph.D level and has already supervised Ph.D and M.S students as a supervisor and co-supervisor. He has published a number of publications in internationally recognized journals. Dr. Gulfam has participated in many national and international conferences as editorial member. He has presented his research work in international and national conferences as invited speaker and oral presenter. He is also on the editorial and reviewer board of several journals.



**Dr. Hamid Ullah**  
Assistant Professor

Dr. Hamid Ullah joined the BUIITEMS in 2016 as an Assistant Professor at the department of chemistry. He did his Ph.D in Organic Chemistry from "State University of Campinas (UNICAMP)", SP., Brazil. He has vast teaching and strong research experience in the field. He has research interest in organic synthesis and methodology development for organic and related compounds, biological potential investigation of the complex organic compound, natural products, their precursors and utilization of the synthesised compounds as ligand for inorganic complex preparation. He is the author of many research articles, proceedings/conference papers and a book chapter.



**Dr. Mamoon Ur Rashid**  
Assistant Professor

Dr. Mamoon Ur Rashid joined BUIITEMS as an Assistant Professor in July, 2016. He did his PhD in Organic Chemistry, in 2014 from the University of Peshawar. He also visited the Strathclyde Institute of Pharmacy and Biomedical Sciences (SIPBS), Glasgow, UK for conducting special PhD research assignments. Before joining BUIITEMS, he worked as a Research officer (2007-2008) at Pakistan Medical Research Council and as an Assistant Professor at the University of Poonch Rawalakot, Kashmir (2014-2016). He has Published 12 research papers while up to 10 are under process (Total impact factor > 12; citation: 36, and h-index: 10). He has teaching and research experience at graduate/ post-graduate level and so far, supervised three M.Phil and fifteen master research theses. Dr. Mamoon's research work is focused on drug discovery and development including Qualitative and quantitative chromatographic studies; spectral and bio-analysis of Bioactive Natural Products; microwave assisted synthesis of densely populated oxazole, piperidines and dithiocarbamates; lipophilic behavior and drug membrane interaction studies of heterocycles and their evaluation for DNA damage repairing potential.





**Dr. Muhammad Raheel**

Assistant Professor

Dr. Muhammad Raheel joined the Department of Chemistry at BUIITEMS in 2016. He did his Ph.D in Physical Chemistry from "Quad-i-Azam University, Islamabad. He has vast teaching and strong research experience in the field of Physical Chemistry. His areas of interest are, Polymer Nanocomposites, Polymer Carbonization / Flame Retardancy of Polymers, Polymer Foams, Surface and Colloid Chemistry (Surfactant Drug / DNA Interactions).

**Dr. Mujtaba Ellahi**

Assistant Professor

Dr. Mujtaba did his Ph.D in Materials Science and Engineering, Analytical Polymer Chemistry from University of Science and Technology, Beijing, P.R.China. He joined BUIITEMS in July 2016. He has over 13 years of teaching experience and 07 years Research & Professional experience. He has 26 research publications in top international peer reviewed journals with cumulative impact factors (over 38.7) and Citations (over 148), and 08 international and national conference proceeding have been published. One book chapter has been accepted. He is also working as a reviewer of two US International Journals. The main focus of Dr. Mujtaba Ellahi's research is Energy-saving Materials, liquid crystal photonic devices, Light responsive liquid crystal material, Temperature sensitive liquid crystal material, Electric field sensitive liquid crystal material, and Liquid crystalline (LC) polymer materials. His current research interests include search for the influence of doping different concentrations and synthesis of nano particles on the diffraction efficiency, driving voltage, and response time investigate by measuring optical properties and morphology of the PDLCs films and their applications in analytical chemistry.

**Dr. Fouzia Abdul Sattar**

Associate Professor

Dr. Fouzia Abdul Sattar is an Associate Professor in Chemistry. She did her PhD from HEJRIC, University of Karachi in Natural Product Chemistry in 2006. She did HER PostdocS from University of Karachi, University of Malaya, Malaysia,

University of Bath, UK, Trinity College Dublin, Ireland and FJIRSM China in various aspects of chemistry. Dr. Fouzia joined BUIITEMS in 2010 as an Assistant Professor on TTS in the faculty of Life Science and Informatics. She is a member of various professional societies such as Chemical Society of Pakistan and Organization for Women in Science for the Developing World. Dr. Fouzia's areas of interest includes, Medicinal Chemistry, Catalysis, Natural Products and Organic synthesis.



**Aziza Sarwar**

Assistant Professor

Ms. Aziza Sarwar did her MS in Organic Chemistry from University Technology Malaysia in 2015. She did her M.Sc in the year 2007 from University of Balochistan securing 3rd position. She joined BUIITEMS as a lecturer in 2007. She teaches subjects like, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Environmental Chemistry and Analytical Chemistry. She got the best Postgraduate Student Award for the year 2014-2015 and a Gold Medal in her MS. Her areas of interest are: Synthesis, Characterization and Luminescence Studies of Metal Complexes.

**Mr. Umair Ahmed**

Lecturer

Mr. Umair Ahmed joined BUIITEMS, as lecturer in Chemistry, in 2013. He completed his Masters in Biochemistry from the University of Balochistan, Quetta in 2009. He got third position in his Masters. His areas of interest are: Organic Synthesis and Drug Design, Molecular Biology, Genetic Engineering and Protein Synthesis.

**Samra Farooq**

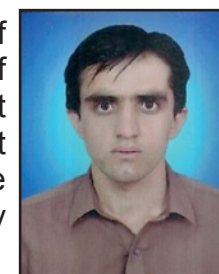
Lecturer

Miss Samra Farooq has joined BUIITEMS as a lecturer the department of Chemistry, since July, 2016. She did her M.Sc in Chemistry with specialization in Organic Chemistry from University of Balochistan, Quetta and is currently doing her M.Phil research work from Sardar Bahadur Khan Women's University, Quetta. Her areas of interest are; synthesis, isolation and extraction of natural products, Green Chemistry, usage of spectroscopic and chromatographic techniques, biological screening of phytochemicals.

**Mr.Saif ul Hanan**

Lecturer

Mr.Saiful Hanan is presently working as a Lecturer at the department of chemistry BUIITEMS Quetta. He did his M.Sc in chemistry from University of Balochistan Quetta. He did his specialization in Inorganic chemistry. He got 1st position in Inorganic faculty at masters level. He has experience of teaching at graduate level in different areas of chemistry and also got 1st position in Lecture Series Competition held in Inorganic faculty at chemistry department University of Balochistan Quetta. His research interest is inorganic complex preparation.



# FACULTY PROFILES

## DEPARTMENT OF ENGLISH



**Aqsa Maryam**

Chairperson English

Ms. Aqsa Maryam joined BUIITEMS in 2009. She has recently completed her M.S. degree in Applied Linguistics from University of Peshawar. She did her Masters in English Literature from Sardar Bahadur Khan Women's University, Quetta. Apart from teaching she is also interested in writing on various themes. Ms. Maryam is dedicated to accomplishing new dimensions both in her personal and professional career. She also thrives to enhance her skills including academic enquiry and experimenting with new teaching methodologies. Her areas of interest are Cognitive Linguistics and Cognitive Poetics.

**Dr. Liaquat Ali Channa**

Associate Professor

Dr. Liaquat Ali Channa is serving BUIITEMS as an Associate Professor in the Department of English. He has recently joined back the department after his Ph.D. in Teaching English to Speakers of Other Languages (TESOL) and World Language Education from the University of Georgia, USA. He is a Fulbright alumnus. He teaches courses related to research and practice in applied linguistics. His research areas of interest are Educational Linguistics, Language Policy and Planning, Second/Foreign Language Learning and Teaching, Bilingual Education, and English as a/the Medium of Instruction.

**Dr. Syed Abdul Manan**

Assistant Professor

Syed Abdul Manan holds Ph.D degree in Applied Linguistics from the Faculty of Languages & Linguistics, University of Malaya. He is teaching various courses at the Bachelor and Master levels. His areas of research are general sociolinguistics, language policy & planning, language and education, mother-tongue based bi/multilingual education, bi/multilingualism, linguistic human rights and World Englishes. His Ph.D research is focused on a critical survey of the English-medium private schools in Pakistan. His research and book chapters (co-authored) have been published in various prestigious ISI-indexed journals like Language and Education, Language Policy, World Englishes, Language Problems and Language Planning, International Journal of Multilingualism, International Journal of Bilingual Education and Bilingualism.

**Mr. Liaquat Ali**

Assistant Professor

Mr. Liaquat Ali hold a thirty six year teaching experience in English Literature & Language. He coached O level classes at St. Francis Grammar from 1974 to 1979. Later he remained at University of Balochistan and taught Literature and Language till 2009. Mr. Ali holds an M.A in literature and Dip. in TIEL. He also attended and qualified an intensive English Language course TESOL (Chicago) in 1980 published nine research papers. Currently he is engaged at teaching language to students in various departments.



**Ms. Hameeda Aslam**

Assistant Professor

Ms. Hameeda Aslam is serving at BUIITEMS since October 2013. She did M.Phil. Literature and Linguistics in 2014 from Fatima Jinnah Women University, Rawalpindi. She taught at Sardar Bahadur Khan Women's University as English Language Instructor after her Master degree in English Literature with distinction and was awarded the pin of Honor. She taught at NUML, Quetta as a lecturer for two semesters. She also taught as an English teacher at Fatima Jinnah Women University while working on her M.Phil research thesis.



She is a HEC certified Master Trainer. The subject areas of her interest are Postcolonial Studies and Critical Theory.

**Ms. Sadiqa Ramzan Ali**

Lecturer

Miss Sadiqa did her M.A in English Literature from University of Balochistan in 2004. She has considerable experience in English language teaching in different institutions. She participated in Staff development course under the scheme of National Academy of Higher Education held from June 20th-July 18th, 2005 at BUIITEMS. She has been certified in recognition of having attended 3-month training course in Teaching and Learning in Higher Education. She has completed her ADP-TEFL from the Institute of Educational Development, Agha Khan University, Karachi under the HEC Fellowship Program. She is the Master Trainer of HEC. She has also been the resource person of the Foundation Courses 2010 and 2011, organized by University Law College Quetta in collaboration with Higher Education Commission. Her areas of Interest are: Sociolinguistics & Phonetics.

**Ms. Sarah Waseem**

Lecturer

Sarah Waseem has completed her M.Phil in English Language & Literature from Sardar Bahadur Khan Women's University Quetta in 2016. She has been serving as faculty member in BUIITEMS since Oct 2007. Before that she has served as Assistant Registrar Administration in BUIITEMS from 2004 to 2006. She has considerable experience in English language teaching in different institutions. She presented a paper "Effectiveness of Interaction outside the Classroom in Learning English as a Second language" in international Conference at Air University Islamabad in Dec 2015. She also did poster Presentation in International conference held in Kinnaird College University Lahore, on "impact of elements of sex and violence in fairy tales on children", Sept. 2015. She has taken part in many training and workshops related to language Teaching and Research Methodology. She has been the Master Trainer of TELS a joint project of British Council & HEC Her areas of Interest are Post-Colonial Literature. Feminine Literature.



**Ms. Bakht Bibi**

Lecturer in English

Ms. Bakht Bibi is working as a lecturer in BUIITEMS Quetta since 2007. She has completed her MS degree in English Language & Literature from Sardar Bahadur Khan Women's University.

She has done her Masters in English literature from Sardar Bahadur Khan Women's University Quetta and received the role of honor in her Masters.

**Mr. Abdul Azeem Afroz**

Lecturer English

Mr. Abdul Azeem did his Masters in Literature from University of Balochistan in 2002, served for three year as an investigation officer in Home department Govt. of Balochistan and 2 years as lecturer in English at Govt. Degree College Khanazi.

Mr. Azeem Afroze joined BUIITEMS as lecturer in English in 2007. He is pursuing his MS in English from NUML, Islamabad.

**Syed Ahmed Wali**

Lecturer in English

He graduated from the University of Punjab in 2006, and received his Masters degree in English literature from university of Balochistan in 2008.

He also holds LLB degree from Law College in September 2011. He is lecturer in the Department of English in the faculty of Arts and Basic Sciences, BUIITEMS.

**Ms. Nasira Shahid**

Lecturer

Ms. Nasira Shahid is a lecturer in English Literature since 2011. She did her Masters in English literature from Sardar Bahadur Khan Women's University Quetta.

She has experience of teaching English in different colleges for more than 5 years, she has also received awards in co-curricular activities such as speech, athletics etc. She is pursuing her MS degree in English Language & Literature from Sardar Bahadur Khan Women's University.



**Ms. Mehwish Sahibzada**

Lecturer

Ms. Mehwish Sahibzada joined BUIITEMS in October 2011. She got her Masters degree in English Literature from Sardar Bahadur Khan Women's University. She has a versatile teaching experience and has taught students of every age group i.e. from school to university level. She has also worked with IEARN-USA (International Education and Resource Network). She actively participates in debates and other extra-curricular events. Her area of interest is English Literature. She is pursuing her MS degree in English Language & Literature from Sardar Bahadur Khan Women's University.

**Ms. Sadia Bano**

Lecturer

Ms. Sadia Bano joined BUIITEMS in 2013. She has got her Masters degree from Sardar Bahadur Khan Women University Balochistan and has working experience of eight years. Her area of interest is English Literature, and Applied Linguistics. She is pursuing her MS degree in English Language & Literature from Sardar Bahadur Khan Women's University.

**Ms. Farhat Farooqi**

Lecturer English

Ms. Farhat Farooqi is serving at BUIITEMS since January 2013. She did her Masters Degree from University of Balochistan and served at Garrison College as lecturer for three years, she also served in Fauji Foundation organization. She has taught as an English Language Instructor (O Levels) at Beacon House School System. She did Bachelor's degree from Govt. Girls Degree College Quetta Cantt. Her interest areas in Literature are Classical Poetry and Classics in Drama. She is pursuing her MS degree in English Language & Literature from Sardar Bahadur Khan Women's University.

**Mr. Saeed Ullah Jan Mandokhail**

Lecturer English

Saeed Ullah Jan Mandokhail recently completed his MS in Linguistic and Literature from Air University Islamabad. He did his BS in English Language and Literature with distinction and a Gold medal from International Islamic University Islamabad in 2012. He has served Islamabad Model College for Boys as a lecturer English, Islamabad International College as lecturer ESL and he has also taught at International Islamic University Islamabad for a year.



**Ms. Maria Khosa**

Lecturer English

Ms. Maria Khosa joined BUIITEMS in January 2015 as lecturer in the department of English. She did her Masters from SBK Women's University with distinction and graduated as a gold medalist in 2012. She served the Department of English at her alma mater for almost two years as well as taught at the English department of NUML, Quetta Campus. She is pursuing M. Phil degree at SBKWU. Her areas of interest are multilingualism, language and identity, socio linguistics and second language acquisition.

**Mr. Allauddin Mehsud**

Lecturer English

Mr. Allauddin Mehsud has recently completed his MS in English from International Islamic University Islamabad. He did his MA English in 2013 from the same University. His research interest areas are Language and Politics, Discourse analysis, literary theory and literary criticism.

**Benazir Naudhani**

Lecturer English

Ms. Benazir Naudhani has done her BS in English Literature and Linguistics from Sardar Bahadur Khan Women University, Quetta and MPhil from Fatima Jinnah Women University, Rawalpindi in English Linguistics, with research particularly in the field of Sociolinguistics.

She has worked as Lecturer cum Head of English Department at NUML, Quetta campus. Her fields of interest are Sociolinguistics and Discourse Analysis.

**Abdul Waseh**

Lecturer

Mr. Abdul Waseh has done M.A English, M.Ed and M.A Political Science from University of Balochistan. He has teaching experience of five years at Cadet College Pishin. His area of interest is the English Romantic Age.





**Ms. Fariha Zakir**

Lecturer English

Fariha Zakir has done Masters from Balochistan University in English Literature in 2011. She was a visiting faculty member in Law College and served there for two years as an English teacher. She worked with HEC as a focal person for foundation courses.

She also taught at Alhamd Islamic University. Her area of interest is English Literature and she wants to pursue her studies in the same field.

**Mr. Ghulam Murtaza**

Lecturer

Mr. Ghulam Murtaza did his Masters in English Literature and Linguistics with a distinction from NUML, Islamabad. He has One year teaching experience in the collegiate department of Education, Government of Balochistan. Mr. Murtaza joined BUIITEMS in 2016 as a lecturer in the Department of English. His research interests include Language and power in the post-colonial literature.

**Mr. Syed Rahimuddin**

Lecturer

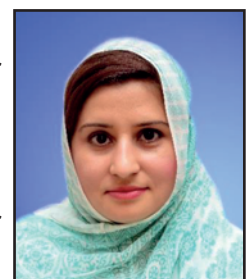
Mr. Syed Rahimuddin did his Masters in English Literature from University of Balochistan in 2013. He joined BUIITEMS as a lecturer in 2016. His interests include poetry, short story, and history of English literature. His teaching experience consist of serving at Balochistan Residential College Zhob as an English lecturer.

**Ms. Rani Gul**

Lecturer

Ms. Rani Gul joined BUIITEMS in 2014. She has earned Masters degrees in English and Education from University of Peshawar. She is pursuing her Ph.D. in Education studying intelligence theories and professional development.

Prior to Joining BUIITEMS, she served as a Lecturer and focal person for plagiarism testing of M.Phil. and Ph.D. Thesis at Institute of Education and Research Peshawar University.



**Ms. Kashmala Essa**

Lecturer English

Ms. Kashmala Essa joined BUIITEMS in 2013 on contract basis. She did her Masters in English Literature from University of Balochistan. She has 3 years of teaching experience at Lahore Grammar School, Quetta and 3 years at Garrison School. Her areas of interest include novel and poetry.

**Mr. Yasir**

Lecturer English

Mohammad Yasir Khan has completed his M.Sc in Linguistics from Quaid-e-Azam University, Islamabad. He has taught Linguistics at National University of Modern Languages (NUML), Quetta campus. He writes fiction and non-fiction and has contributed a number of short-stories and book reviews to the national and international magazines and webzines. Currently, he serves as a lecturer in the Department of English.

**Ms. Sanum Gul**

Lecturer English

Ms. Sanam Gul did her BS in English language and literature from BUIITEMS in 2015. She started her professional career as an English language instructor at SBK women's university for four months. She also possesses one year experience of teaching at The City School. She joined BUIITEMS on contract basis in 2016. Her interests include research into the history of linguistics as an academic discipline and psycholinguistics.

**Mehwish Naudhani (On Study Leave)**

Lecturer

Miss Mehwish Naudhani has joined BUIITEMS in 2013. She has got her B.S(Hons) degree in English Literature and Linguistics from Sardar Bahadur Khan Women University, Quetta.

Her area of interest is Linguistics. She is pursuing her M.Phil degree from China.



**Ms. Seher Shafi (On Study Leave)**

Lecturer English

Ms. Seher Shafi joined BUIITEMS, Quetta in January, 2015. She did Masters degree in English in December, 2011 from the University of Balochistan. Her fields of interest are Literature and Education. She is a Fulbright Scholar and is currently in the USA to pursue further studies.



# FACULTY PROFILES

## DEPARTMENT OF FINE ARTS



**Kaleem Khan**

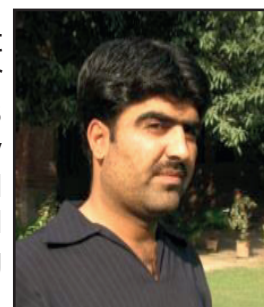
Director Fine Arts

Mr. Kaleem Khan (Pride of performance) graduated from National College of Arts, Lahore in 1983, where he was awarded gold medal for performing art. He has an honor to receive presidential pride of performance. Mr kaleem is also a recipient of various national and international awards, which include merit award National exhibition Lahore (1995), a visit Award to England and United States of America by Government of USA (1997), award of Art promoter by Idara-e-saqafat Balochistan, and so many others. He specializes in oil painting. His art works are proudly displayed in eminent places like, Parliament building, Lahore museum, Governor home Quetta, Command and Staff college Quetta. He has exhibited his paintings in renowned international and national Galleries. He has joined Buitems in 2010 as Director Fine Arts department

**Abdul Haleem Barech**

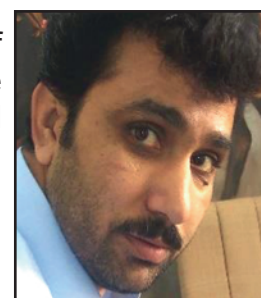
Assistant Professor

Mr. Haleem barech is working as an Assistant Professor in the Department of Fine Arts, (BUIITEMS) since 2010. Mr. Haleem is one of the pioneer members of the Fine Arts Department, BUIITEMS. He has done his MS (MFA) in Fine Arts from The College of art and Design Punjab University Lahore, Pakistan in 2009. He has performed his duties as Director Art and culture Baluchistan zone in Rasty NGO Islamabad and visited Turkey and USA. He also participated in many national and international painting exhibitions, art workshops and symposiums.

**Imran Ali**

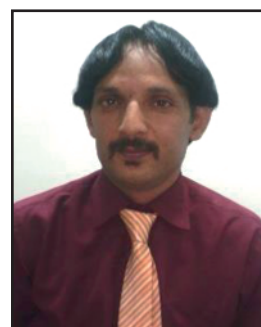
Assistant Professor Fine Arts

Imran Ali is presently working as Assistant Professor in the Department of Fine Arts, BUIITEMS. He has done his MS (MFA) in Fine Arts from The College of art and design Punjab University Lahore, Pakistan in 2010 and has done his bachelors (BFA) from the University of Baluchistan in 2004. He has participated in several exhibitions at national and international level.

**Abdul Wahab**

Assistant professor Fine Arts

Abdul Wahab is presently working as Assistant Professor in the Department of Fine Arts, BUIITEMS. He has done his MS. (MFA) in Fine Arts from The College of art and design Punjab University Lahore, Pakistan in 2010 and has done his bachelors (BFA) from the University of Baluchistan in 2007. He has participated several exhibitions national and international level.

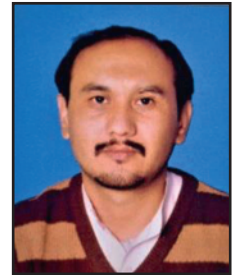


**Sajjad Hussain**

Lecturer Fine Arts

Mr. Sajjad Hussain is one of the pioneer members of the Fine Arts Department, BUIITEMS. He did his BFA degree from NCA Lahore, in January 2009. He participated and curated several group shows in Art galleries Nationwide.

His fields of interests are: Miniature Painting, Sculpture, Design, Photography and Model Making.

**Kiran Wali**

Lecturer

Ms. Kiran Wali is lecturer since October, 2011. She did her Bachelor from Sardar Bahadur Khan Women University in 2010.

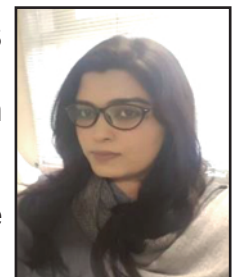
Her fields of interests are: Painting, Printmaking, and Drawing.

**Aisha Sajid**

Lecturer

Ms. Aysha Sajid is working as a lecturer in BUIITEMS, since 2012. She did MS (MFA) in Fine Arts from The College of Art and Design, University of Punjab, Lahore in 2011 and she did Bachelors (BFA) from University of Balochistan in 2007.

She has participated in several Exhibitions National and International level. She has one year experience at Art council of Baluchistan (2011).

**Tamseel Hafsa**

Lecturer in Fine arts

Ms. Tamseel Hafsa joined BUITMS in 2012. She got her BFA degree from Sardar Bahadur Khan Women's University with distinction and has also served there as a lecturer for one year. As a lecturer Fine Arts as a visiting faculty, Decorator (Govt.

Degree College Rawalpindi) she got 1st Position in Poster Competition (Govt. Degree College Rawalpindi) and 2nd Position in Poster Competition (Govt. Waqar-un-Nisa College Rawalpindi). She received Appreciation Certificate (Govt. of Pakistan Anti-Narcotics Force) She has rendered the Titles of various Literary Books.

Her area of interest in Fine arts is painting and Sculpture. Her research paper has been published in international journal (IJAH) From USA, Oct, 2016.



**Hammal Khan**

Lecturer

Mr. Hammal Khan joined BUIITEMS in 2013. He graduated from National College of Arts, Lahore in 2011. In 2010 his short documentary film "SAWAAL" was awarded the 4th prize in HEC-SAMAA TV national documentary film competition. SAWAAL got International Screening at Cinema Damare International Film Festival and Alpavirama South Asian short and documentary Film Festival in 2011. He also received National youth award (Pak) for his short film. Hammal Khan was selected for the 1st ever film residency in Pakistan in 2011. He was one of the 12 fellows from all over Pakistan who were chosen for Bioscope fellowship conducted by Media - Bridge.

**Meraj Muhammad**

Lecturer

Meraj Mohammad has been working as Lecturer in the Department of Fine Arts, BUIITEMS since 2015. He has done his MS (MFA) in Fine Arts from The College of art and design Punjab University Lahore, Pakistan in 2010 and has done his Bachelor (BFA) from The University of Baluchistan in 2004. He has got 1<sup>st</sup> Position in Inter varsity Painting competition at GC University Lahore and also secured 1<sup>st</sup> position on Conceptual Art Competition at Fast University Islamabad 2010. He has participated in several exhibitions at national and international level.



# FACULTY PROFILES

## DEPARTMENT OF INTERNATIONAL RELATIONS





**Abdul Wadood**

Chairperson International Relations

Mr. Abdul Wadood joined BUIITEMS in September 2007. He is a PhD scholar and holds MS degree from University of Malaya, Malaysia. He did his Masters in International Relations from University of Balochistan Quetta.



Mr. Abdul Wadood is the co-editor of BUIITEMS Journal of Social Sciences and Humanities. He also taught at the University of Malaya, Malaysia for a short period. He served for one year in National Commission for Human Development as MC at district Qilla Abdullah.

He has earned a Graduate Development Course of Research from Institute for Development Studies and Practices, Pakistan. He has conducted research on China Pakistan Economic Corridore, Islamic Legal System, the traditional system of conflict resolution and Karez system in Northern Balochistan under the auspices of IDSP. Currently, he is serving as Chairperson/Assistant Professor at BUIITEMS. His areas of interest are Regionalism, Politics of Muslim World, Conflict Resolution and Peace Studies.

**Dr. Aurangzaib Alamgir**

Assistant Professor

Dr. Aurangzaib Alamgir is serving the Department of International Relations, Faculty of Arts and Basic Sciences, BUIITEMS Quetta. He earned his MS Degree in Strategic and Defense Studies in 2009 and PhD in International Relations in 2015 from University of Malaya, Malaysia. He has published his work on Islamic feminism, nuclear issues, renewable energy, Balochistan conflict and Asian economic development. His areas of interest include gender and international relations, issues related to strategic and defense studies, foreign policy, terrorism and extremism, human rights and international organization.

**Haider Iqbal Hussain (on study leave)**

Assistant Professor

Mr. Haider Iqbal Hussain did his Masters in International Relations in 2004. He has served as sub Editor in Defense Journal (published from Karachi).He joined BUIITEMS in October 2008.

He has done his MS in international relations from National defense University, Islamabad. He is pursuing his PhD from Quid-e-Azam University, Islamabad.



**Hammal Aslam**

Lecturer

Mr. Hammal joined BUIITEMS in September 2011. He has done his MS from London School of Economics, UK in 2017. He got his Masters degree from Quaid-e-Azam University, Islamabad. His areas of Interest are Ethno Nationalism, Integration and Globalization.

**Manzoor Ahmed Khan**

Lecturer

Mr. Manzoor Ahmed Khan joined BUIITEMS in 2012. He has his Masters degree in International Relations from University of Balochistan and has working experience of Teaching, Banking Education.

His areas of interests include research in International Relations, International Law, International Security and Foreign Policy Analysis.

**Syed Waheedullah Shah**

Lecturer

Syed Waheedullah Shah joined BUIITEMS in December 2012. He has worked in different functional areas such as: event management, training, consultancy and youth development. He did his BS in International Relations from BUIITEMS. His areas of interest are International Relationship; Computing; Leadership; Event Management, Research Development, and Consultancy. He has professional membership of Youth Parliament of Pakistan, Pakistan Red Crescent Society, Cyaad Organization, Centre for Peace and Development, and British Council Pakistan.

**Muhammad Hassan Mandokhail (on study leave)**

Lecturer

Mr. Hassan Mandokhail joined BUIITEMS in December 2012. He has a Masters degree in International Relations from Quaid-e-Azam University, Islamabad.

His areas of interest are Strategic Studies, Strategic Thought, Arm Control and Disarmament.



**Hidayat Ullah Khan**

Lecturer

Mr. Hidayat-ullah Khan joined BUIITEMS, as a lecturer in January 2015. He has a Masters degree in Politics and International Relations from International Islamic University, Islamabad.

His areas of interest are: Foreign policy, Theories of International Relations, Politics of Middle east, Political thought and Political Economy.

**Amir Shah Syed**

Lecturer

Mr. Amir Shah joined BUIITEMS in December 2012. He got his Masters degree in International Relations from National University of Modern Languages, Islamabad and M.Phil from Quaid-e-Azam University, Islamabad.

His areas of interest are Politics of South-Asia, Middle-East, Strategic Studies, International Law and International Political Economy.

**Mahgunj Samad**

Lecturer

Miss Mahgunj joined BUIITEMS in January 2015. She did her Masters in International Relations from University of Karachi in 2013 and Bachelor in Women Studies from the same institute in 2011.

Her studies and research are on the topic of "Palestine Israel conflict in post 9/11 scenario".

**Imran Khan**

Lecturer

Mr. Imran Khan joined BUIITEMS in March 2014 as lecturer. He has done his Masters in International Relations from School of Politics and International Relations, Quaid-i-Azam University, Islamabad.

His areas of interest are: Economics of defense, Political Economy and Foreign Policy.



**Muhammad Jan**

Lecturer

Mr. Muhammad Jan joined BUIITEMS in January 2015 as a lecturer. He got his bachelor's degree from Federal Urdu University in 2009. He did his Masters in International Relations in 2011, and Masters degree in Political Science from University of Balochistan in 2013. He did Bachelors in Education from University of Balochistan. Mr. Muhammad Jan has done his Masters Research on Pakistan-Turkey bilateral relations.

**Akmal Khan Kakar**

Lecturer

Mr. Akmal Khan Kakar is a lecturer in the department of International Relations.

He is a graduate of Political Science from the University of Balochistan, Quetta. He writes on culture and politics.

**Muhammad Ayub**

Lecturer

Mr. Muhammad Ayub joined BUIITEMS in April 2015 as a lecturer. He did his Masters in International Relations from University of Karachi.

His areas of interest are: International Political Theories, International Security Studies, International Environmental Politics, Contemporary International Politics, International Political Economy, North American Studies, Russia and Central Asian Studies.

**Mohammad Idrees**

Lecturer

Muhammad Idrees joined BUIITEMS on 15 July 2016. He has got his Masters and M.Phil Degree in International Relations from Quaid-i-Azam University, Islamabad. His areas of interest are; Theories of International Relations, Politics of South Asia, Non State Actors, Insurgencies and Nationalism in South Asia, International Politics of Terrorism, Conflict Management and Resolution, Dimension of Modern Strategy and Foreign Policy of Pakistan.



**Mati ullah Tareen**  
**Lecturer**

Mr. Mati ullah Tareen joined BUIITEMS in 2016. He has got an M.Phil Degree in International Relations from National Defense University Islamabad and has a Masters Degree in International Relations from Quaid-i-Azam University Islamabad. He has working experience of Research, Teaching, Project Management, International Marketing and in the field of English as a foreign language. His areas of interest are “Role of Nuclear Arms in International Politics, Politics of South Asia, Contemporary Global Issues, Terrorism and its impacts in the world and Pakistan, State and Global Security”.



# FACULTY PROFILES

## DEPARTMENT OF MASS COMMUNICATION



**Sumaira Zakir**

Chairperson Mass Communication

Miss Sumaira Zakir joined BUIITEMS in 2013. She has done her Masters in Mass Communication from University of Balochistan and LL.M from University Law College Quetta with distinctions. She served as Lecturer in Alhamd Islamic University, Quetta before joining BUIITEMS. She has working experience as resource person with HEC. Her area of interest pertains to Media Laws & Ethics, Media & Human Rights and Peace journalism having adroit abilities in TV Journalism.

**Tariq Mehmood Khattak (on study leave)**

Lecturer

Mr. Tariq Mehmood Khattak has done his Masters in Mass Communication from NUML, Islamabad.

He has worked on different media projects, i.e Public relation strategies and advertising, both for private and public sector organizations. He joined BUIITEMS in 2012.

**Nauman Khan**

Lecturer

Mr. Nauman Khan joined BUIITEMS in 2016. He has done his Masters in Media and Communication Studies from International Islamic University Islamabad.

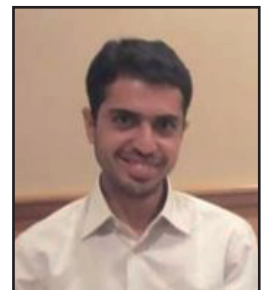
Previously, Mr. Nauman has worked in Pakistan Television News Islamabad.

**Shireen Khan**

Lecturer

Mr. Shireen Khan has done his Masters in Mass Communication from University of Balochistan and LL.B from University Law College, Quetta. He has experience in both Journalism and Film Making and has represented Pakistan in various International Conferences.

Among other things, he specializes in critical studies in Media and Media Aesthetics.



**Iftikhar Ahmed Baloch**

Lecturer

Mr. Iftikhar Ahmed is serving BUIITEMS as lecturer and has done his Masters in Mass Communications and media sciences. He has been serving in different news outlets and practicing journalist since 2008 and has been serving as editor in online news website, columnist and regular feature contributor in different daily newspapers and magazines. His expertise are in development communications and photojournalism. He blogs at [iftikharahmedbaloch.wordpress.com](http://iftikharahmedbaloch.wordpress.com).

**Arslan Qureshi**

Lecturer

Mr. Arsalan Qureshi has 11 years' experience gained from television media network print media and other organizations as a Reporter News desk editor, media advisor and News producer. He has got Masters degree of Mass Communication from Baluchistan University in 2010. He recently joined BUIITEMS as a lecture (Adhoc basis) in mass communication department.

**Ikramullah**

Lecturer

Mr. Ikramullah joined BUIITEMS in 2017. He did his M.Phil. in Media studies from the Department of Journalism & Mass Communication, University of Peshawar. He has also attended a course in Erfurt Germany as a part of cooperation project "role of social media in Muslim countries" in 2012. Supported by DAAD. He has a working experience as a reporter with IPR project and worked as a Host in a Pashto Program "*StasoSehat*" on TV channel Pushto-1.





# FACULTY PROFILES

## DEPARTMENT OF MATHEMATICAL SCIENCES



**Qaisar Khan**

Assistant Professor/ Chairperson Mathematics

Mr. Qaisar Khan has done his MPhil in Mathematics from Quaid-i-Azam University Islamabad. He was appointed as lecturer in 2012. Areas of his interest include, Group Theory especially Coset Diagrams, History of Mathematics and Mathematics Education. He has participated in various conferences and seminars in Pakistan. He is member of Pakistan Mathematical Society (PakMS).

**Dr. Mohammad Nawaz**

Professor (TI)

Prof. Dr. Mohammad Nawaz has vast and varied experience of over 42 years in education. He joined BUIITEMS in 2002 and worked as chairperson of Department of System Sciences, Dean Faculty of Computer and Emerging Sciences before taking up the responsibility of the Dean of Faculty of Arts and Basic Sciences in September 2007. Dr. Mohammad Nawaz secured his doctorate from the University of Sussex U.K. Areas of his interest include Category Theory, Topos Theory and Quantales. He is member of American Mathematical Society and Pakistan Mathematical Society. He is editor of Journal of Applied and Emerging Sciences and Newsletter of BUIITEMS.

**Dr. Abdul Ghaffar**

Associate Professor

Dr, Abdul Ghaffar has a vast and varied experience of over 10 years in education. He has joined BUIITEMS as Associate Professor in 2016. Dr. Abdul Ghaffar secured his doctorate in the field of Computer Aided Geometric Design, from the Islamia University of Bahawalpur. His areas of interest include Computer Aided Geometric Design, Multiresolution in geometric modeling and Subdivision scheme. He has participated in several conferences and seminars in Pakistan and abroad. He is member of Pakistan Mathematical Society. He has the distinction of winning the Research Productivity Award for the year 2012-13 from the Pakistan Council for Science and Technology.

**Asghar Ali**

Assistant Professor

Mr. Asghar Ali did his MPhil in Mathematics from Newcastle University, UK. He was appointed as Assistant Professor in 2016. His areas of interest include M theory, Early Universe Cosmology (especially inflationary Models of Cosmology), Tachyon Condensation in Close Strings, Ads/ CFT Correspondence.



**Sahar Raza**

Assistant Professor

Ms. Sahar Raza is working in Department of Mathematics since 2008. She completed MS in Mathematical Modeling and Scientific Computing from Air University, Islamabad in 2013. Her field of research is Mathematical Biology. She did her MSc in Mathematics from University of Balochistan in 2006 distinction. She also served as Head of the Department of Mathematics in BUIITEMS from 2012 to 2015.

**Attaullah**

Assistant Professor

He did his MS from COMSATS Institute of IT, Islamabad in 2015. He joined BUIITEMS in 2009. He completed his Masters from University of Balochistan in 2008. His area of interest is Computational Fluid Dynamics.

**Farooq Hussain**

Lecturer (On study leave)

He joined BUIITEMS in 2008. Currently he is pursuing his Ph.D. He did his Masters from University of Balochistan in 2002. His fields of interests are: Complex Analysis, Algebraic Topology, Non-local Boundary Values Problem and Partial Differential Equation.

**Irfan Ali**

Assistant Professor

Mr. Irfan Ali is working as lecturer in the Department of Mathematics since 2010. He completed his MS in Mathematics from COMSATS Institute of IT, Islamabad and did his MSc from University of Balochistan in 2008. He has experience of teaching at government and private educational institutes. His areas of research are 'Geometric Function Theory, Non-linear Analysis and Harmonic Analysis.



**Tahir Mehmood**

Lecturer (On study leave)

Mr. Tahir Mehmood is serving as lecturer in BUIITEMS since 2010. He did his MSc in Mathematics from Government College University, Lahore in 2004. He has teaching experience in different educational institutions. His fields of interest are: Optimization, Linear Programming and Differential Equations.

**Ayesha Saif**

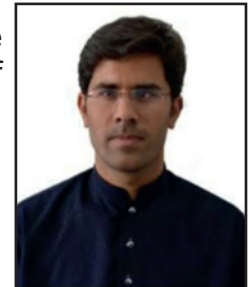
Lecturer

Miss Ayesha Saif joined BUIITEMS as a lecturer in 2012. She did her MA Mathematics from Islamia University, Bahawalpur achieving Silver Medal for her academic success. Her areas of interest are Algebra and Computational Mathematics.

**Syed Hasrat Hussain Shah**

Lecturer (On study leave)

Syed Hasrat Hussain Shah joined BUIITEMS in 2012. He has M.Phil degree from COMSATS Institute of Information Technology, Islamabad. His area of interest is General Relativity.

**Abdul Wahid**

Lecturer

Mr. Abdul Wahid is working as lecturer in the Department of Mathematics since 2014. He did his B.Sc (Hons) from Government College University, Lahore in 2012. His fields of interests are Pure Mathematics, Rings & Fields, Riemann Surfaces.



**Najeebullah Kakar**

Lecturer

Mr. Najeebullah is working as lecturer in the Department of Mathematics since 2013. He did his M.Sc from Quad-i-Azam University Islamabad in 2013. His fields of interests are: Applied Mathematics, Differential Equation, and Transformation Differential Geometry.

**Mudassar Iqbal**

Lecturer

Mr. Mudassar Iqbal is working as lecturer in the Department of Mathematics since 2014. He did his MSc from University of Balochistan in 2010. His fields of interests are: Applied Mathematics, Differential Equation, and Computer Aided Geometric Designs, Differential Geometry.

**Maryam Safdar**

Lecturer

Ms. Maryam is working as lecturer in the Department of Mathematics since 2010. She did her MSc from Sardar Bahadur Khan Women University Quetta in 2010. Her fields of interests are: Applied Mathematics, Differential Equation, Differential Geometry.

**Mohammad Yaseen**

Lecturer Mathematics

Mr. Mohammad Yaseen is working as lecturer in the Department of Mathematics since 2010. He did his MSc from University of Balochistan in 2009. His fields of interests are: Optimization, Mathematical Modeling, Differential Equation.



**Saima Farid**

Lecturer

Mrs. Saima Farid is Post graduate in Statistics from Gomal University, Dera Ismail Khan. She completed her Master in the year 2004. She joined BUIITEMS as lecturer in May 2006. Her areas of interest are: Hypothesis testing, Importance of Statistics in different fields like Engineering, Computer and Bio technology.

**Faizah Saeed**

Lecturer

Miss Faizah Saeed is currently working as lecturer of Statistics in Department of Mathematical Sciences. She joined BUIITEMS in 2014. She did her Masters degree in Statistics from University of Balochistan, Quetta with final year thesis titled "Causes and symptoms of jaundice in babies of Quetta city in 2013".

**Manzoor Ahmed**

Lecturer

Mr. Manzoor Ahmed is working as lecturer of Statistics in Department of Mathematical Sciences. He did his Masters in Statistics from University of Karachi. His Areas of interests are Econometrics, Time Series Analysis and Operations Research. He joined BUIITEMS in 2015.

**Syed Abdul Rehman**

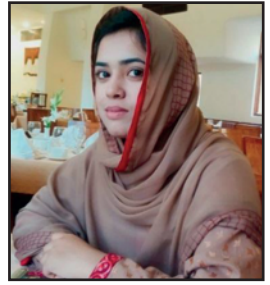
Lecturer

Syed Abdul Rehman joined BUIITEMS in 2015 as lecturer of Statistics. He did his Masters in Statistics from University of Balochistan, Quetta in 2013. He is a Columnist and writes articles for Urdu newspapers. His areas of interest are, Quantitative Research and Education.



**Arifa Jahangir**  
Lecturer

Arifa Jahangir joined BUIEMS in 2016 as lecturer of Statistics. She did her MSc degree in Statistics from University of Balochistan, Quetta in 2014 by securing 2<sup>nd</sup> Position. Her areas of interest are, Quantitative Research and Education.



# FACULTY PROFILES

## DEPARTMENT OF PHYSICS





**Dr. H. M. Noor ul Huda Khan Asghar**  
Chairperson Physics

Dr. Hafiz Muhammad Noor ul Huda Khan Asghar is working as chairperson Physics since Feb, 2017. He got his Ph.D in Materials Science from Dalian University of Technology, China. His Ph.D research was on "Removal of the impurities from the silicon through Electron Beam Melting Techniques". He did his M. Phil. in Physics from The Islamia University Bahawalpur, in 2007 and M. Sc. from the same University in 2002. He has 15 years teaching and research experience. His research interests are: Materials Science, refining silicon, ferrites, spintronics materials, semiconductor physics nanotechnology and magnetic materials and energy materials. He is HEC approved supervisor. He has a large number of research publications in journals of national and International repute. He is expert in XRD analysis, SEM, TEM, optical properties, magnetic properties, transport properties and dielectric properties. He is also doing on an international project with the mutual cooperation of Pakistan, China and Italy in the field of Photovoltaic Technology.



**Dr. Tasneem Zahra Rizvi**  
Professor

Prof. Dr. Tasneem Zahra Rizvi is Ph.D. in Physics from University of Nottingham, U.K. (1985) and Postdoctorate (1996) from Osaka, Japan. Her field of specialization is soft condensed matter physics. Her research interests are in polymers, biopolymers and their nanocomposites, organic-Inorganic nanostructured hybrid materials for electronic devices and biomedical applications. She has more than 35 years of postgraduate teaching and research experience in Pakistan and abroad and has supervised and examined M.Phil. and Ph.D. thesis in her area of specialization. She has been regular associate of "Abdus Salam International Centre for Theoretical Physics Italy (from 1994 - 2009).



She is full member

"Third World Organization of Women in Science" Trieste, Italy and Fellow "Matsumai International Foundation" Japan. She has a large number of research publications in journals of National and International repute.

**Shoaib Ullah Khan**  
Associate Professor

Dr. Shoaib Ullah Khan Associate Professor in the Department of Physics. He did his PhD in Atomic Physics from the University of Leeds, UK 1980 and M.Sc from the University of Karachi in 1969. He has a vast experience of teaching graduate and intermediate students. He has worked in the field relating to Atomic Physics and published four research papers. He is teaching subjects like Modern Physics, Nuclear Physics and Atomic Physics. His research interests are in Ion-electron interaction at low energies.



**Hamdullah Khan Tareen**

Associate Professor

Dr. Hamdullah did his Ph.D in Plasma Physics from Quaid-i-Azam, University Islamabad, in 2010. He joined BUIITEMS, department of physics in 2010. His areas of research are emission from plasma, material coating by plasma focus machine entitled "Active Screen Cage Pulse DC Discharge". He is working on a research project which is sponsored by HEC. Currently he is the principle investigator of HEC project entitled "Active screen large pulsed DC discharge".

He also established a well-equipped plasma material processing lab at the department. He has presented many research papers in national and international conferences. He has more than 20 publications in national and international journals. He has also produced 7 MS students. He is also member of different scientific societies.

**Dr. Syed Zaheer Abbas Gilani**

Assistant Professor

Dr. Syed Zaheer Abbas Gilani is presently working as Assistant Professor in the department of physics, Balochistan University of Information Technology, Engineering and Management Sciences (BUIITEMS), Quetta, Pakistan since 2009. He joined BUIITEMS in 2006. He has done his M.Phil. in Physics from The Islamia University Bahawalpur, Pakistan (IUB) in 2005 and then PhD from the same university in 2016. He did his PhD work on the nano-magnetic material and its analysis. He has 17 years teaching experience. He has supervised 5 MS student. He has 12 international publications with total impact factor 24 and 10 local publication. He is expert in XRD analysis, SEM, TEM, optical properties, magnetic properties, transport properties and dielectric properties.



His research interests are energy materials, nanotechnology and magnetic materials and energy materials.

**Dr. Jalil ur Rehman**

Assistant Professor

Dr. Jalil ur Rehman Khan is working as an Assistant Professor in the Department of Physics since 2016. He got his Ph.D in Physics (Medical Physics) from Islamia University of Bahawalpur, Pakistan. He was awarded HEC Indegenious 5000 scholarship for his Ph.D studies for five years and again he was awarded HEC IRSIP Scholarship for University of Texas, MD Anderson Cancer Center,

Houston , TX, USA for six months. His Ph.D research was on "Investigation of Dose Distribution and Treatment Planning for External Beam Radiotherapy".

He did his M. Phil. in Physics from The Islamia University Bahawalpur, in 2009 and M. Sc. from the same University in 2005. His areas of research are medical physics, radiotherapy, dosimetry, imaging physics and radiation physics.



**Dr. Nisar Ahmad**  
Assistant Professor

Dr. Nisar Ahmad joined Department of Physics, Faculty of Arts and Basic Science, BUIITEMS as Assistant Professor in 2016. He did Ph. D from University Sains Malaysia in 2015. His area of research is radiation physics, which includes radiation protection, environment physics, and medical physics. He did work on natural radioactivity and radon concentration in different materials. He did M. Phil in radiation physics from Gomal University, D. I. Khan and M. Sc from University of Peshawar.



**Dr. Muhammad Naeem Khan**  
Assistant Professor

Muhammad Naeem Khan completed his Ph.D from University of Brunei Darussalam in Energy Studies (Applied Physics) in 2015 with all his experimental work carried out at University of St Andrews, UK. His PhD work was focused on Solid Oxide Fuel Cells. Currently he is working on photovoltaic as well especially in Perovskite solar cells. HEC approved a startup research grant titled as "Fabrication and characterization of Pb-free Perovskite solar cells" in 2015 and the purchase of solar simulator under his project is in process.



**Muhammad Khalid (on study leave)**  
Assistant Professor

Mr. Khalid joined BUIITEMS, in 2009. He did his M.Sc. from University of Balochistan and MS from BUIITEMS, Quetta.

His area of interest is Renewable Energy.



**Sunila (On Study leave)**  
Assistant Professor

Miss. Sunila joined BUIITEMS in 2013. She did her M.Sc. Physics from the University of Balochistan and MS from BUIITEMS, Quetta.

Her areas of interests are: Energy harvesting, renewable energy, communication skills and nuclear physics. Currently she is pursuing her PhD from China.



**Niamat Ullah Khan (On study leave)**

Lecturer

Niamat Ullah Khan joined BUIITEMS in January 2015. He did his M.Sc. (2010-2012) and M.Phil. (2012-2014) in Physics from Quaid-i-Azam University Islamabad.

His area of interest is theoretical high energy physics. Currently he is pursuing his Ph.D. from Quaid-i-Azam University Islamabad.

**Sumayya Abdul Wadood**

Lecturer

Ms. Sumayya Abdul Wadood did her M.Sc. from University of Faisalabad and joined BUIITEMS in January 2013.

Her areas of interests are: Study of different rectifier circuits, study of op-amp, study of types of flip-flops (bistable multi vibrators) and study of UJT.

**Muhammad Akram Khan**

Lecturer

Muhammad Akram Khan joined BUIITEMS in October 2015. He did his M.Sc. (2011-2013) and M.Phil. (2013-2015) in Physics from Quaid-i-Azam University Islamabad.

His areas of interest are theoretical high energy physics and cosmology.

**Javed Rehman**

Lecturer

Mr. Javed Rehman joined department of physics, BUIITEMS in 2016. He has done M. Phil in Physics from The Islamia University of Bahawalpur, in 2015.

His area of interest is nanotechnology, nao-ferrites and Hexa-ferrites.

**Sundas Zafar Ali**

Lecturer

Miss. Sundas joined BUIITEMS in 2015. She did her M.Sc. Physics from University of Balochistan and currently she is pursuing her MS from BUIITEMS.

Her areas of interests are: Materials science, biopolymers and their nano-composites, conducting polymers.



# FACULTY PROFILES

## DEPARTMENT OF SOCIOLOGY



**Zafrullah**

Assistant Professor

He is currently serving as a Chairperson in the department of social sciences. He completed Masters of Philosophy in cultural anthropology from Quaid-I-Azam University, Islamabad, with a dissertation titled, "Transnational economic connections of Afghan diaspora and its impact on their socio-economic status". At BUIITEMS, he is teaching modern sociological theories, contemporary social theories, qualitative research methodology, sociology and development, and cultural anthropology. Moreover, globalization, subaltern studies, migration, and transnationalism are the key areas, he is interested in. He is also the focal person of career counseling and advisory services at Faculty of Arts and Basic Sciences, BUIITEMS.

**Dr. Bashir Ahmed**

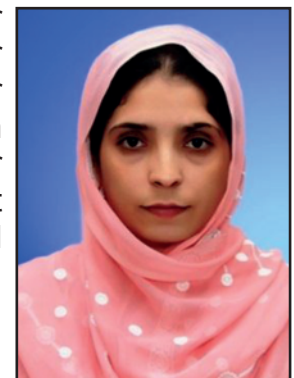
Assistant Professor

He has done PhD (Sociology) from University of Karachi, Pakistan. He has also worked with Development and Research sector organizations for 13 years; for 8 years he has worked on managerial positions with different development sector, research and Government bodies. As Manager he managed the programs and projects of community development & empowerment, Afghan refugee repatriation, youth and women livelihood/skills development, water management, education management support projects and many other projects and programs. He has 6 research publications under thematic areas of social sciences. Currently he is working as Assistant Professor (Sociology) at BUIITEMS.

**Mehwish Qudoos**

Assistant Professor

Ms. Mehwish Qudoos Alizai joined BUIITEMS in 2014. She completed her MS degree from Asian Institute of Technology (AIT) Thailand. Her specialization is in Gender & Development Studies. She carried out her research on 'Gender and Value Chain Analysis of Cottage Industry in Balochistan, Pakistan'. She is currently serving as Assistant Professor (Sociology) in the Department of Social Sciences, Her research/interest areas are Sociology, Social Issues, Gender, Culture, Education, Child Protection and Policy Analysis.



**Mohammad Haneef Baloch**

Lecturer

Mr. Mohammad Haneef Baloch joined BUIITEMS in 2012. He got his Masters Degree from the University of Balochistan Quetta. His working experience in teaching field is twelve years. He is broadly interested in the fields of criminology, social psychology, and social theories. In addition to academic responsibilities, he is voluntarily working with several NGOs for the rehabilitation of the drug victims.

**Muhammad Mohsin Khan**

Lecturer

Mr. Mohammad Mohsin Khan has completed BS (Hons) from Institute of Social and Cultural Studies, University of the Punjab (2009-13). He is serving as a lecturer in the department of sociology since 2015. He is teaching Principles of Sociology, Logic and Critical thinking, civilization and Research Methodologies in Social Sciences at BUIITEMS. In addition to his services at BUIITEMS, he is pursuing M.Phil degree program from the University of Balochistan, Quetta. His research interest lies in the field of political sociology, sociology of religion, social psychology, ethnology, and gender studies.

**Saira Aziz**

Lecturer

Ms. Saira Aziz joined BUIITEMS as a lecturer in the department of Social Sciences in January 2015. She completed Masters of Philosophy in Sociology from Sardar Bahadur Khan Women's University, Quetta. She has conducted her M.Phil dissertation on the "socio-economic conditions of Nomads of Balochistan". She is teaching sociology and development, social and cultural anthropology. Her areas of interest are social problems, and gender studies.



**Khan Bibi Badini**

Lecturer

Ms. Khan Bibi Badini has joined BUIITEMS in 2016. She has done Masters in Sociology from Sardar Bahadur Khan Women's University Quetta. She conducted research on "Comparative analysis of Private and Public School in Quetta". She is currently serving in the department of Sociology as a lecturer. Her research interest areas are; social problems, public policy, and community development.

**Habbat S.Kibzai**

Lecturer

Habbat S.Kibzai is a lecturer in the Department of Sociology at BUIITEMS. Over the last four years, he has served as a professional both in private and public sectors. He has completed his Masters and M.Phil from the department of Anthropology, Quaid-I-Azam University Islamabad. His areas of research includes gender and development, ethnicity, tribal societies, folklore, governance and global impacts.

**Mr Makhtoom**

Lecturer

Mr Makhtoom Ahmed works as a lecturer at the Department of Sociology, Faculty of Arts and Basic Sciences at BUIITEMS, Quetta since July 2016. He has done Masters of Sociology from Quaid-i-Azam University, Islamabad and bachelors from university of Karachi. He has worked as a field researcher and worked as research assistant at the Department of Sociology, Quaid-i-Azam University Islamabad for a year. His research areas are Migration, Education and Sociology of Childhood.

**Mr Abdul Hakeem**

Lecturer

Mr. Abdul Hakeem works as a lecturer in the Department of Sociology, faculty of Arts and Basic Sciences at BUIITEMS, Quetta since July 2016. He has completed Masters of Sociology from University of Balochistan, Quetta. His areas of Interests are; sociological theories, qualitative research methodology, and demographic studies.





**Ghina Saleem**

Assistant Professor

Ms. Ghina has been working at BUIITEMS in the department of Psychology since 2015. She is a Ph.D scholar and her areas of interest are qualitative research in Psychology, Social Psychology, and Cognitive Psychology.

**Asmatullah**

Lecturer (On study leave)

Mr. Asmatullah has done BS (four years) degree in Psychology from BUIITEMS in the year 2006. He joined BUIITEMS as a lecturer of psychology in department of Social Sciences in 2011. Currently he is pursuing his M.Phil leading to PhD in Psychology at Qaid-I-Azam university, Islamabad. His areas of interest are; developmental psychology and peer psychology.

**Farheen Anjum**

Lecturer

Miss Farheen Anjum joined BUIITEMS in the year 2012. She holds a Master degree from the University of Balochistan in Psychology with a distinction. Her areas of interests include; clinical psychology, psycho-social Systems, research, and counseling.

**Sami -ul -Haq**

Lecturer

Mr. Sami-ul-Haq joined BUIITEMS in 2015 as lecturer. He did his B.A (Hons) degree in Political Science from Forman Christian College/University (FCCU), Lahore in 2011. His areas of interest are Foreign policy, Muslim political thoughts, Modern Political thoughts, and Comparative politics.

**Aimal Agha**

Lecturer

Mr. Aimal Agha joined BUIITEMS as lecturer in the year 2015. He holds a Masters degree in History from Quaid-i-Azam University Islamabad with distinction. He has been pursuing research work on various aspects of the political history of Pakistan.



**Aurangzaib Khan**  
Assistant Professor

Mr. Aurangzaib Nasar joined BUIITEMS in 2015. He has done M.Phil in History from Quaid-e- Azam University, Islamabad. He did his Masters in History from Quaid-e-Azam University, Islamabad. His areas of interest are Balochistan Issue and Historical Study of Balochistan since 1857.



**Jahangir Khan**  
Lecturer

Mr. Jahangir Khan has done his Masters from Quaid-i-Azam, University Islamabad. His area of specialization is History. He joined BUIITEMS in 2015. His area of interest includes Pakistan Studies.



**Muhammad Naeem**  
Lecturer

Mr. Muhammad Naeem joined BUIITEMS in 2014. He holds M.Phil. degree from Quaid-i-Azam University, Islamabad. He did his Masters in History from Quaid-i-Azam University, Islamabad.



**Najeeb Ullah**  
Lecturer

Mr. Najeeb Ullah is working as Lecturer of Pakistan Studies in the department of Social Sciences, BUIITEMS. He is graduated from Government College University (GCU), Lahore with a major subject in Political Science. Mr. Najeeb has worked as Young Parliamentary Associate (YPA)-the flagship initiative of the European Union "Improving Parliamentary Performance in Pakistan".



He has been engaged with the research center of National Assembly and had the honor to assist numerous standing committees, including the parliamentary committee on China-Pakistan Economic Corridor (CPEC) and Parliamentary Committee on Electoral Reforms. His research interests are Politics of Identity and Foreign Policy in Pakistan, with a special focus on KP, FATA, and Balochistan. His work has been published in GCU monthly gazette and HalyLab, an online magazine.

**Ahmed Khan**

Lecturer

Mr. Ahmed Khan completed his early education from Quetta and then moved to Lahore for graduation. He did BA (Hons) in Political Science from Forman Christian College Lahore in 2013. In 2014, he started his M.Phil from National Institute of Pakistan Studies Quaid-I-Azam University, Islamabad. His area of interests are Identity politics, discourses analysis, framing/labeling and the interpretation of images in print and digital media. In addition, he attended several national and international conferences. Among them one was the 11th METU Conference on International Relations "The World in Crisis" at Middle East Technical University Ankara Turkey. Currently he is working on "Identity Politics and Media Discourses on the Planned Population Census" as research area for his M.Phil thesis.

**Tariq Mehmood**

Lecturer

Mr. Tariq Mehmood joined BUIITEMS in 2004. He did his Masters from Shaikh Zayed Islamic Centre, the University of Karachi in Islamic Studies with Computer Technology In 2011. He participated in a project in the USA titled "Islam in America".

**Mufti Sanaullah Mehmood**

Lecturer

Mufti Sanaullah joined BUIITEMS in 2011. He did his MA Islamic Studies from the University of Balochistan, Dars e Nizami and specialization in Fiqh al Islami from Jamia Darululoom Karachi. He has done short courses of Islamic, Arabic, Quran and Hadees from International Islamic University, Islamabad.

**Mufti Shahab Naimat Khan**

Lecturer

Mr. Shahab Naimat Khan joined BUIITEMS in 2012. He did Mufti and Alim courses from Jamia Darululoom Karachi. Furthermore, he completed his M.Phil. in Islamic Studies from the University of Balochistan. He has two diplomas from Center of Islamic Economics, Karachi. His areas of interest are Islam and its Relevant Subjects and Islamic Banking and Finance.



**Sabeen Akbar**  
Assistant Professor

Ms. Sabeen Akbar joined BUIITEMS in 2012. She is a Ph.D. scholar. She holds M.Phil. degree in Islamic Studies from the University of Balochistan. Currently, she is serving as Assistant Professor (Islamic Studies) in the Department of Social Sciences. She has authored 05 text books in the area of Islamic Studies. Moreover, she has worked in the field of Fiqh.e. Masail and published 05 research papers. Her areas of interest include Islamic Research, Fiqh and Role of Islamic Teachings in the Modern World.



**Mufti Muhammad Farooq**  
Lecturer

Mufti Muhammad Farooq has completed his Shahdat ul Aalmia from Jamia Darululoom Karachi in 2006 and specialization in Fiqa Islami from Jamia Umer, Karachi in 2008. He joined BUIITEMS in 2010 as a lecturer. His areas of interests are Islamic Banking and Fiqa Islami.



# Facilities & Student Services



## Library and Research Resources

BUIITEMS maintains a computerized library that remains open to all students and faculty members from 9:00 a.m. to 5:00 pm. The library has a core collection of more than 50,000 books, references, research journals, magazines and periodicals. In addition, the library maintains a wide variety of specialized information, including publications of international and national organizations and statistical data and government documents. On-line research facilities and access to Internet are conveniently available to teachers as well as students. Online Pakistan Education & Research Network (PERN) facility is available on HEC website for downloading research materials.



## Computer Laboratories

The faculty has two computer laboratories with more than 40 computers and with internet and latest software facilities.

All the faculty members are provided with personal computers for use in their offices. Besides, adequate printing facilities are made available for all faculty members and students.



## Audio Visual Facilities

The faculty is well equipped with audio visual facilities including multimedia systems. The faculty members and the students, working in groups or individually, make optimal use of the audio-visual aids.



**BUIITEMS BUSINESS INCUBATION AND ENTREPRENEURSHIP CENTER**

**Mission**

BUIITEMS Business Incubation and Entrepreneurship Center has primary objective to support BUIITEMS Alumni and students to develop promising start-up firms in order to create jobs, revitalize community, commercialize new technology and strengthen local and national economy.

The goals encircle the area of entrepreneurial culture, management guidance, commercialize research and acceleration of local industry growth.

In addition to that business support services provide pre-incubation support, business planning and networking with the entrepreneurs in particular & public in general.





## BUIITEMS CAREER SERVICES OFFICE

### **Vision**

To foster an environment that provides guidance and resources to the students for the achievement of their career goals.

### **Mission**

The mission of BUIITEMS Career Unit is to provide advice, services, programs, resources, to empower the students and alumni throughout their career development journey. We provide opportunities to assist our students in decision making, identifying skills, interests, and values to discover meaningful professional experiences. We partner with potential employers for internship and job opportunities.

The Career Services Office provides variety of services to the students and alumni of BUIITEMS, some of the services are as follows.

### **Career Assessment**

- Evaluate skills, interest and personality traits through standard assessment tools to make alignment with your professional career.

### **Career Advising /Counseling**

- Personal career advisors are available on appointment to help and address individual and group needs.

### **Workshops and Panels**

- Each semester the BUIITEMS career services Office organizes variety of pre-scheduled practical workshops, seminars, panels and events related with the professional career development of students.

### **Job Listing/Job Placement**

- The career office has maintained the key employer's database and BUIITEMS alumni database, to inform students and alumni about all the national, international job opportunities. We also place our graduates Resume's/ CVs for the relevant vacant position to the relevant organizations.

### **Mock Interviews with Feedback**

- Each fall and spring semester, career services office hosts mock interview events to get training and feedback from professional interviewers.



### **On-Campus Interviewing/Recruitment**

- We are committed and inclined to develop industry and academia linkages to encourage on-campus recruitment to ensure employment of our young graduates.

### **Internship Program**

- The career office maintains a comprehensive internship program for the students. We help our students to find out the most appropriate internship opportunities to gain professional hands on experience.



### **Career Fairs**

- We host On- Campus career fairs once a year. Career fairs provide valuable opportunities for employment, professional networking, information gathering etc.

## **BUIITEMS FINANCIAL ASSISTANCE OFFICE**

### **Mission:**

At student's Financial Assistance Office, we are committed to providing financial assistance to the students from the less developed areas of Pakistan, in general and Balochistan, in particular, in order to alleviate financial constraints for deserving students, who otherwise may not access to higher education. We aim at fostering mutually beneficial relationships with all our stakeholders as a mean to raise funds for the needy students.

One third students at BUIITEMS receive financial assistance either in the form of scholarship, fee waiver or work and study program. We offer financial assistance to students in two categories:

### **External Scholarships**

- USAID Need-based Scholarships
- National ICT-R&D Scholarships
- HEC Balochistan-Fata Scholarships
- NTS scholarships
- Punjab Educational Endowment Fund
- FC Scholarship
- Professional Education Foundation
- Pakistan Engineering Congress
- PM Tuition Fee Reimbursement Scheme
- Balochistan Education Endowment Fund
- TIBM
- SSGC Scholarship



### **Internal Scholarships**

- Fee waivers/Concessions
- Work & study
- BUIITEMS Kinship/Sibling Concession
- Merit Scholarship: Top 10% of the students in each class receive full tuition fee waiver

## BUIITEMS STUDENT AFFAIRS

### Mission

BUIITEMS Student Affairs office is dedicated to deliver high quality co-curricular activities in a learning environment that supports student's holistic growth and acquisition of essential life skills to their full potential and assist them to be responsible, dedicated, and successful citizens in national as well as global environment.

### Clubs and Councils

- BUIITEMS Community Service Council
- BUIITEMS Diversity Council
- BUIITEMS Arts Council
- BUIITEMS Events Management Club
- BUIITEMS Emergency Response & Preparedness Club (ER&PC)
- BUIITEMS Writing Club
- BUIITEMS Dramatic Club
- BUIITEMS Debating Club
- BUIITEMS Music Club
- BUIITEMS Literary Club
- BUIITEMS Media Club



## Industry Linkages

BUIITEMS is developing long term academia-industry linkages to enhance employability, internship and other development opportunities by undertaking following steps:

- A comprehensive employers database is developed and updated
- Need assessment and relevant information sharing with partner employers
- Utilize the *Employer Job Offer Reporting Survey*, *Work Experience Survey*, and *Graduating Student Survey* for better collection of employment data
- Potential employers are invited to participate in University mega events
- Facilitate career-development opportunities for students/alumni, enhance employer visibility on and off-campus
- Make personal contact with and provide networking opportunities to the employers
- Share newsletters, annual reports with employers and recognize their visibility



## BUIITEMS Medical Center

BUIITEMS is providing extensive medical facilities to its students and all its employees at the medical center. The medical center provides health facilities to students and employees & their families. Services of qualified medical officers are available at the centre and patients get medicines free of cost. The medical team consists of three medical officers, two male nurses, a male nursing assistance, a junior clerk and a ward boy. The center has two wards and two emergency stations to handle minor emergencies. Ambulance remains standby in case of emergency referral.



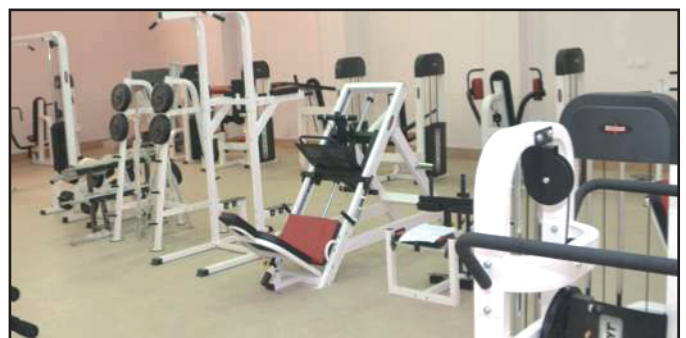
## Sports Complex

BUIITEMS houses a state of the art sports complex outfitted with the latest equipments. Four hundred spectators can enjoy various events at a time. Additionally, a cafeteria and reception area can accommodate 200 people.

Following facilities are available at the Complex:

- Gymnasium
- Basketball Court
- Two Badminton Courts
- Table Tennis facility

Students can enjoy games at well-maintained cricket, football and volleyball grounds.



## STUDENTS' CORNER

"BUIITEMS", whenever I discern this name, it reminds me of all those beautiful and triumph moments I spent here for four years. This institution provides the best platform by supporting like a family to explore one's hidden talent. The more the students work hard, the more this university boosts them up by helping financially and morally. I am one of the examples. I never faced any hardship while studying any course in Mass communication because all the teachers were cooperative, encouraging and had complete command over their subjects. I was always welcomed warmly whenever I needed to visit my teacher's office for any query relating my subjects. The assignments and presentations in each semester made me more responsible for doing every task on time. I felt myself more confident each time I came down from the stage after delivering my presentations. One of the foremost things about this university is that the student's views play important role in all matters, like curriculum and academic activities.

Since BUIITEMS is one of the best universities of Balochistan, therefore, it is replete with multi-cultural students from all around Pakistan. This thing helped me learn more about diverse backgrounds and their life styles. Interaction with such differences made me more self-assured and filled me with immeasurable knowledge. I found them like a family more than friends. But we never compromised over competition. Combine studies, teacher's help and friendly environment made us learn more effectively. Here, juniors don't get mocked and teased immorally. Neither, seniors show attitude of their seniority, in fact, seniors are asked to be helpful to the juniors. From the higher position to the peon, everyone is ever ready to assist students to the top of their services.

In this journey of four years, the last semester was onerous and stressful for me due to Research subject. But fortunately, my research supervisor and chairperson of Social Sciences, Mr. Abdul Wadood helped me to get over this difficulty with determination, hard work and great help. He encouraged me continuously and it resulted in accomplishing good research at the end.

Short and sweet, I would like to thank BUIITEMS, my teachers, my friends, the peons and everyone there for allowing me great exposure, support, help and unforgettable moments. Where ever I go and whatever I achieve, the credit will always go to BUIITEMS.

**Shahida**  
**BS Mass Communication**  
Fall 2011

BUIITEMS is not just an educational institute where people go to meet their educational needs, but it is also an institute that fulfils the dreams of many. BUIITEMS students' are not only provided with opportunities for studying, but they are also given extra-curricular activities and much more. While visiting other universities in Pakistan, I found out that my Alma Mater is the best among them. The four year in it has been the great time. I was provided with the best teachers who upheld friendly environment in the class while teaching in numerous and effective ways. My department arranged many lectures on different topics that aided in the knowledge regarding our course. Moreover, the arrangement of many seminars added in the communication skills of the students while giving them an exposure about the world. BUIITEMS has also proven itself as one of the finest institute because of its successful alumni. Thus studying in it was worth an experience.

**Zehra**  
**BS International Relations**  
Fall 2011

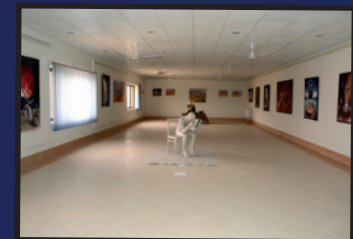
## Quality Policy Statement

**BUIITEMS** contributes in defining standards and systems for the uplift of socio-economic order through quality education and services by:

- ❖ Providing an environment conducive to learning, teaching, academic inquiry and innovation
- ❖ Maintaining academic excellence and professionalism
- ❖ Adhering to established systems for ensuring good governance for management and transfer of knowledge
- ❖ Benchmarking with other leading institutions of higher education for improvement
- ❖ Enhancing efficient and effective operations by encouraging participation of stakeholders
- ❖ Pursuing continuous improvement through creativity, team work and adaptation to change

for

Playing a catalytic role to achieve the national, regional and global harmony.



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