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# EDUCATION

LEAD for EDUCATION



# About SZABIST

Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST) is highly ranked and fully chartered institute of Pakistan established through a Legislative Act of Sindh Assembly (Sindh Act No. XI of 1995). It is approved and recognized by the Higher Education Commission (HEC) Pakistan as a degree awarding institution. All the programs offered at SZABIST are consistent with the guidelines laid by HEC and other regulatory bodies, for example, National Business Education Accreditation Council (NBEAC), National Computing Education Accreditation Council (NCEAC), National Accreditation Council for Teacher Education (NACTE), and Pakistan Engineering Council (PEC).

## HEC & CIEC Ranking

SZABIST is ranked as one of the most reputed university by Higher Education Commission (HEC) and Chartered Inspection and Evaluation Committee (CIEC) Sindh. All programs of SZABIST are conducted under strict compliance of the relevant regulator bodies such as NBEAC, NCEAC, NACTE, PEC and KHDA Dubai. Since 2012, the SZABIST-QEC has been awarded more than 91% in the quantitative assessment by Quality Assurance Agency (QAA) HEC, Pakistan.

## Department of Education at SZABIST

The establishment of the Department of Education was conceptualized by Dr. Azra Fazal Pechuho, Chancellor SZABIST, the member of Provincial Assembly of Sindh and Minister of Health. The department thrives on her profound support and commitment to education in Pakistan.

The Department of Education also benefits from the esteemed guidance of Ms. Shahnaz Wazir Ali, President SZABIST, a renowned educationist, Former Minister of State for Education, Former Member of National Assembly of Pakistan, and Senior Education Specialist at World Bank, with over 35 years of experience in educational reform and policy.

We are committed to improve the quality of education in Pakistan, with the help of the following highly qualified and dedicated faculty members.

### Professor Dr. Riaz Shaikh

Dean Faculty of Education and Social Sciences  
PhD in Sociology, Hamdard University, Karachi, Pakistan  
Post doc., University of Ljubljana, Slovenia, EU.

### Dr. Najmunnissa

Associate Professor, HoD Education Department  
PhD (Education) Iqra University Karachi  
Mphil (Education) Iqra University Karachi  
M.Ed (Gold Medalist), Hamdard University Karachi  
MA (Economics) University of Karachi

### Professor Dr. Muhammad Yousuf Shirjeel

PhD (Education) Iqra University Karachi  
Mphil (Education) Hamdard University Karachi  
M.Ed (Gold Medalist), Hamdard University Karachi

### Dr. Naeem Akhter

Assistant Professor  
PhD in Education, IOBM, Karachi

### Dr. Ghazala Rahman

Assistant Professor  
PhD in Education, Leadership, and Organization 2nd Emphasis:  
Applied Linguistics, University of California, USA  
MA in Education, Leadership, and Organization, University of California, USA.

### Ms. Sadiya Azeem Durrani

Assistant Professor  
Masters in Educational Leadership, Macquarie University, Australia  
Masters in International Relations, University of Karachi  
PG Certificate in Advanced Professional Studies, University of Strathclyde, UK

## Career Opportunities

B.Ed, MA Education & MS/PhD Educational Leadership and Management graduates will have tremendous opportunities to serve as trained educational leaders and managers, consultants, mentors, and professional development experts in educational institutions and non-governmental organizations. After completing the program, school teachers/managers can progress towards higher education institutions, and capture lucrative jobs nationally and internationally.



# Shaheed Zulfikar Ali Bhutto Institute of Science & Technology

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## B.Ed (Secondary) 1.5 Years

The Bachelor of Education (B.Ed. Secondary) 1.5 years program at SZABIST is intended to help pre-service and in-service teachers develop the required knowledge and skills to enter the educational sector as a competent and knowledgeable teacher with a grip on teaching different subjects in secondary grades in public and private sector. The proposed program has been specifically designed for students from non-educational background who want to now shift to serving and getting a degree in education. After the program completion, students will be eligible to apply for the MS/MPhil in Education.

### Program Mission:

B.Ed. program strives to prepare thoughtful, knowledgeable, lifelong learners who have extensive knowledge about working with students of various age groups and who understand the inherent richness of educational endeavors. The program's mission is to help students' get familiar with the complexities of learning, human development, and sound pedagogical principles as well as develop grounding in content knowledge and research. The program's goal is to prepare graduates who are committed to supporting just, engaging, and successful communities of diverse learners.

### Program Objectives

The program aims to prepare skilled teachers through an intensive teacher education program. It will equip students not only with content and pedagogical knowledge and skills but also with research driven instructional practices.

### Program Structure

B.Ed. (Secondary) is a 1.5 years degree program offered to pre-service and in-service teachers. It is a 54 credit hour program with 12 core courses (3 credit hours each), 4 content specialized courses (3 credit hours each), 3 credit hours teaching practice and 3 credit hours research project. The maximum time limit to complete the B.Ed. degree is four years.

### Admission Requirements

- For admission in the B.Ed. program, the candidate must possess 16-years of Education (MA, M.Sc., M.Com. or equivalent) in any discipline like Sciences, Social Sciences, Humanities and others, with at least Second Division/2.00 CGPA from a university recognized by HEC.
- Last degree verification from HEC is required.

### Fee Structure\*

	Pakistani Nationals	Foreign Nationals
Application Processing Fee	: Rs. 1,500/-	US\$ 45
Admission Fee	: Rs. 20,000/-	US\$ 500
Security Deposit (refundable)	: Rs. 10,000/-	US\$ 330
Student Activity Charges	: Rs. 1000/-	US\$ 30
Tuition Fee (Per Semester)	: Rs. 104,400/- (six courses)	US\$ 2,340
Tuition Fee after subsidy	: Rs. 52,200/- (six courses)	US\$ 1,170

**50%**  
**Tuition Fee Subsidy**

\* SZABIST reserves the right to revise the fee/withdraw subsidy without any prior notice.

## B.Ed. (Secondary) 1.5 Years

### FIRST YEAR

#### Semester I: Fall

Foundations of Education  
Educational Leadership and Management  
Effective Communication in Education  
Educational Psychology  
Testing and Evaluation  
Curriculum Design and Development

#### Semester II: Spring

Academic Content-I and Pedagogy  
Academic Content-II and Pedagogy  
Academic Content-III and Pedagogy  
Academic Content-IV and Pedagogy  
Research Methods and Techniques  
School, Community and Teacher

### SECOND YEAR

#### Semester III: Fall

ICT in Education  
Educational Policies in Pakistan  
Teaching Practice  
Critical Thinking and Reflective Practices  
Classroom Management  
Research Project

### COMPULSORY COURSES\*

Foundations of Education  
Educational Leadership and Management  
Effective Communication in Education  
Educational Psychology  
Testing and Evaluation  
Curriculum Design and Development  
Research Methods and Techniques  
ICT in Education  
Educational Policies in Pakistan  
Critical Thinking and Reflective Practices  
School, Community and Teacher  
Classroom Management  
Teaching Practice  
Academic Content-I and Pedagogy  
Academic Content-II and Pedagogy  
Academic Content-III and Pedagogy  
Academic Content-IV and Pedagogy  
Research Project

### SPECIFICATIONS OF DISCIPLINE

#### Group 1 : SCIENCE

General Science  
Biology  
Chemistry  
Computer Science  
Mathematics  
Physics

#### Group 2: SOCIAL SCIENCES

Civics  
Economics  
Geography  
Islamic Studies  
Pakistan Studies  
Psychology  
Sociology

#### Group 3: LANGUAGE & LITERATURE

English, Sindhi & Urdu

Note: Course offering may be varied as per university policy



## MA in Education (Evening)

The Department of Education offers MA in Education to in-service and pre-service teachers who have completed 14 years of basic education. MA Education offers three specializations. Teacher Education, Educational Leadership and Management and Early Childhood Education. The degree will focus on developing an effective teacher, with heavy emphasis on understanding teaching methods, educational leadership, philosophy of education, early childhood education and holistic educational development. The program also meets contemporary national and international trends in the field of education and research and is in conformity with the HEC guidelines.

## Program Mission

The program envisages knowledge dissemination through critical analysis of theoretical principles in aspects of teacher education, educational leadership and management and early childhood education. It aims to provide teachers with a professional platform through which they can make informed decisions in the classrooms and emerge as competent practitioners. The program also aims to raise educational standards in the country through a thorough analysis of contemporary educational challenges at the national and international levels and proposes to deal with them through a fine blend of theory and practice

## Program Structure

MA Education is a 2 years degree program offered to candidates who wish to pursue teaching as their career. It is a 63 credit hours program with 13 compulsory courses (3 credit hours each), 2 content specialization and Pedagogy related courses (3 credit hours each), 4 electives (3 credit hours each), 01 Teaching practice (3 credit hours) and a Thesis (3 credit hours). The candidates will have the opportunity to specialize in the field of Teacher Education, Educational Leadership and Management or Early Childhood Education.

## Admission Requirements

- The candidate must have 14 years of education with minimum second division/2.0 CGPA from a university recognized by HEC.
- Last degree verification from HEC is required.

## Fee Structure\*

	Pakistani Nationals	Foreign Nationals
Application Processing Fee	: Rs. 1,500/-	US\$ 45
Admission Fee	: Rs. 20,000/-	US\$ 500
Security Deposit (refundable)	: Rs. 10,000/-	US\$ 330
Student Activity Charges	: Rs. 1000/-	US\$ 30
Tuition Fee (Per Semester)	: Rs. 82,500/- (five courses)	US\$ 1,875
Tuition Fee after subsidy	: Rs. 66,000/- (five courses)	US\$ 1,500

**20%**  
**Tuition Fee Subsidy**

\* SZABIST reserves the right to revise the fee/withdraw subsidy without any prior notice.

## MA (Education)

### First Year

#### Fall Semester

Foundations of Education  
Educational Leadership and Management  
Trends in Teacher Education  
Classroom Management  
Effective Communication in Education

#### Spring Semester

Testing and Evaluation  
Educational Psychology  
Curriculum Design and Development  
Critical Thinking and Reflective Practices  
School, Community and Teacher

### Second Year

#### Fall Semester

ICT in Education  
Academic Content-I and Pedagogy  
Research Methods and Techniques  
Academic Content-II and Pedagogy  
Educational Policies in Pakistan  
Elective-I

#### Spring Semester

Elective-II  
Elective-III  
Elective-IV  
Teaching Practice  
Thesis

### COMPULSORY COURSES

Foundations of Education  
Educational Leadership and Management  
Trends in Teacher Education  
Classroom Management  
Effective Communication in Education  
Testing and Evaluation  
Curriculum Design and Development  
Critical Thinking and Reflective Practices  
School, Community and Teacher  
ICT in Education  
Educational Psychology  
Research Methods and Techniques  
Educational Policies in Pakistan  
Teaching Practice  
Academic Content-I and Pedagogy  
Academic Content-II and Pedagogy  
Thesis

### Electives

Affective Education (TE)  
Guidance and Counselling in Education (TE)  
Education for Sustainable Development (TE)  
Gender and Education (TE)  
Human Development and Learning (ECE)  
Language and Literacy Experiences (ECE)  
Supportive and Safe Environment (ECE)  
Play and Enquiry Based Learning (ECE)  
Effective Change Management in Education (ELM)  
Organizational Development in Education (ELM)  
Human Resource Management (ELM)  
Entrepreneurship in Education (ELM)

Note: Course offering may be varied as per university policy.

Please note that there will be no internship or comprehensive exam in the MA Education program

## MS in Educational Leadership and Management (Evening)

The MS in Educational Leadership and Management Program at the Department of Education seeks to meet national and international standards of educational study and research. It is in conformity with the HEC guidelines and caters to the interests of a diverse set of learners who have chosen education to be their field of study. It prepares them for practical leadership roles with sound theoretical standing to make informed decisions.

### Program Mission

The program aims to produce highly intellectual leaders and managers with influence on educational policy and reform. It envisages identifying challenges in global and local education, addressing issues in education through knowledge and research, and ultimately improving the standards of the prevailing educational system

### Program Structure

The MS in Education and Leadership and Management is 1.5-2 years program. Its a 30 credit hours' program in which two streams are available. One Stream is Course Work Based Stream and other one is Research Based Stream. In Course Work Stream, the student is required to complete 10 courses of 3 credit hours each. In the Research Based Stream, the student is required to complete 8 Courses (24 Credit Hours) and Two IRS (6 Credit Hours) OR One Thesis (6 Credit Hours). In both the streams, 30 Credit hours to be completed.

The students will have the opportunity to specialize in the fields of Sociology of Education, Educational Policy, Testing and Evaluation, Teacher Education, Professional Development, School Administration/Educational Leadership, Guidance & Counseling, Curriculum development, Technology Integration in Education, Early Childhood Education, Higher Education studies, Educational Psychology and Child Development

### Admission Requirements

- The candidate must have: 16-years of education in the discipline of Education such as MA (Education), B.Ed (hons), BS (Hons) in Education OR Applicants with a Master's degree or BS (honors) in disciplines other than Education along with B.Ed and M.Ed OR Applicants with a Master's degree or BS (honors) in disciplines other than Education must have a 1.5 year BEd degree OR Applicants with a Master's degree or BS (honors) in disciplines other than Education along with one year B.Ed\* with minimum second division/2.0 CGPA from an HEC recognized institution.
- GAT General/HAT relevant with minimum 50% score is also required.
- Last degree verification from HEC is required.

\*Candidates applying with a 1-year BEd. Degree are required to complete 6 bridging courses of 18 credits at SZABIST.

### Fee Structure\*

	Pakistani Nationals	Foreign Nationals
Application Processing Fee	: Rs. 1,500/-	US\$ 45
Admission Fee	: Rs. 20,000/-	US\$ 500
Security Deposit (refundable)	: Rs. 10,000/-	US\$ 330
Student Activity Charges	: Rs. 1000/-	US\$ 30
Tuition Fee (Per Semester)	: Rs. 88,800- (four courses)	US\$ 2,100
Tuition Fee after subsidy	: Rs. 66,600/- (four courses)	US\$ 1,576

**25%**  
**Tuition Fee Subsidy**

\* SZABIST reserves the right to revise the fee/withdraw subsidy without any prior notice.

## MS (ELM)

### FIRST YEAR

#### Semester I: Fall

Advanced Research Methods and Techniques-I (Qualitative)  
Advanced Research Methods and Techniques-II (Quantitative)  
Elective-I  
Elective-II

#### Semester II: Spring

Elective-III  
Elective-IV  
Elective-V  
Elective-VI

### SECOND YEAR

#### Semester III: Fall

Elective-VII/Independent Research-I  
Elective-VIII/Independent Research-II  
Thesis-I (3 credits hours)

#### Semester IV: Spring

Thesis-II (3 credits hours)

### COMPULSORY COURSES

Advanced Research Methods and Techniques-I (Qualitative)  
Advanced Research Methods and Techniques-II (Quantitative)

### ELECTIVES

Sociological Issues in Education /Access/Out comes and Quality  
Learning Effectiveness in Higher Education Contexts  
Use of Technology in Education  
Education in the Context of Conflict  
Socio-Politics of Language Policy in Educational Contexts  
Change Management in Education  
Educational Policy and Practice  
Assessment and Evaluation in Education  
School Evaluation and Monitoring  
Teacher Education  
Research Philosophy  
Professional Development and Management in Education  
Finance and Resource Management  
Organizational Development  
Advanced Educational Psychology  
Curriculum Development and Instructional Design  
Educational Leadership Theory and Practices

Note: Course offering may be varied as per university policy

## PhD in Educational Leadership and Management (Evening)

The PhD in Educational Leadership and Management program at the Department of Education aspires to meet the growing demand of leaders and managers with expertise in the field of education. There is a strong emphasis on research, and critical awareness on issues of social justice and equity in educational contexts. It equips graduates with the knowledge and skills to have impact on educational policy, reform, and practice.

### Program Mission

The program is designed to ensure dissemination and application of synergistic knowledge leading towards making best educational decisions and practices. It aims to equip learners with pedagogical skills dynamically fueled by the process of engagement in local contexts and critical awareness of transnational situations.

### Program Structure

The PhD in Educational Leadership and Management is a 3-year program spread over six semesters. It is a 48 credit hour program comprising 5 courses, 1 Independent Research Study (3 credit hours), and a Dissertation (30 credit hours).

The students will have the opportunity to specialize in the fields of Sociology of Education, Educational Policy, Testing and Evaluation, Teacher Education, Professional Development, School Administration/Educational Leadership, Guidance & Counseling, Curriculum development, Technology Integration in Education, Early Childhood Education, Higher Education studies, Educational Psychology and Child Development

### Admission Requirements

- A candidate must have 17.5 years of education in the relevant discipline, i.e. an MS/ M.Phil in Education/Educational Leadership and Management, with minimum 60% marks/CGPA 3.00 from an HEC recognized institution.
- GAT subject/GRE with minimum 60% score is also required.
- Last degree verification from HEC is required.

### Fee Structure\*

	Pakistani Nationals	Foreign Nationals
Application Processing Fee	: Rs. 1,500/-	US\$ 45
Admission Fee	: Rs. 20,000/-	US\$ 500
Security Deposit (refundable)	: Rs. 10,000/-	US\$ 330
Student Activity Charges	: Rs. 1000/-	US\$ 30
Tuition Fee (Per Semester)	: Rs. 72,900- (three courses)	US\$ 1,565
Tuition Fee after subsidy	: Rs. 54,675/- (three courses)	US\$ 1,248

**25%**  
**Tuition Fee Subsidy**

\* SZABIST reserves the right to revise the fee/withdraw subsidy without any prior notice.

## PhD (ELM)

### FIRST YEAR

#### Semester I: Fall

Advanced Research Methods and Techniques-I (Qualitative)  
Advanced Research Methods and Techniques-II (Quantitative)  
Elective-I

#### Semester II: Spring

Elective-II  
Elective-III  
• Independent Research Study-I

### SECOND YEAR

#### Semester III: Fall

Dissertation (Proposal)

#### Semester IV: Spring

Dissertation

### THIRD YEAR

#### Semester V: Fall

Dissertation

#### Semester VI: Spring

Dissertation

### COMPULSORY COURSES\*

Advanced Research Methods and Techniques-I (Qualitative)  
Advanced Research Methods and Techniques-II (Quantitative)

### ELECTIVES

Sociological Issues in Education/Access/Outcomes and Quality  
Learning Effectiveness in Higher Education Contexts  
Use of Technology in Education  
Education in the Context of Conflict  
Socio-Politics of Language Policy in Educational Contexts  
Change Management in Education  
Educational Policy and Practice  
Performance Management and Professional Development  
School Evaluation and Monitoring  
Teacher Education  
Research Philosophy  
Assessment and Evaluation in Education  
Finance and Resource Management  
Organizational Development

*All the students have to appear in the Comprehensive Examination at the end of their course work.*

\*The research courses are compulsory for all the students except for SZABIST continuing students who will take two elective courses instead

**APPLY ONLINE:**

Log on to : <http://admissions.szabist.edu.pk>

For further information please contact:

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Tel: 021-35823433 (Ext # 333, 334, 304). Fax: 021-358 21537. [www.szabist.edu.pk](http://www.szabist.edu.pk)

**Admissions Start** : May 15, 2020  
**Last date to apply** : July 17, 2020  
**Admission Test** : July 20-25, 2020  
**Interview** : August 03-08, 2020  
**Classes commence** : September 28, 2020